

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**



**REQUEST FOR QUALIFICATIONS
FOR
ARCHITECTURAL/ENGINEERING/CONSULTING SERVICES (COMMISSIONING AGENT)**

For The

University of Colorado Denver (GFE)

For The

**CU Denver College of Engineering, Design, and Computing Building and North Classroom
Renovations (22-103067)**

**REQUEST FOR QUALIFICATIONS
FOR
ARCHITECTURAL/ENGINEERING/CONSULTING SERVICES**

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ADVERTISEMENT FOR REQUEST FOR QUALIFICATIONS
Commissioning Agent
State of Colorado
University of Colorado Denver (GFE)
Notice Number: 22-103067

Project No: **22-103067**

Project Title: **CU Denver College of Engineering, Design, and Computing Building and North Classroom Renovations**

Estimated Construction Cost: **\$66,400,000**

Settlement Notice

For all projects with a total dollar value above \$150,000 Notice of Final Settlement is required by C.R.S. §38-26-107(1). Final Settlement, if required, will be advertised in the same location as the original solicitation.

Project Description

The project will create a new complex for engineering and computing, and enhance the gateway experience into the CU Denver neighborhood along Larimer Street. The building will also serve as a cornerstone for CU Denver's emerging open innovation district. The creation of an innovation district was one of five goals that arose from CU Denver's 2030 Strategic Plan. Located at the intersection of Speer Boulevard and Larimer Street, this project is comprised of a ~72,000 GSF new building and approximately 46,000 SF of site improvements. The project also consists of approximately 5,000 SF of renovations in the North Classroom building that will occur after completion of the new building.

The published program plan identifies the very prominent site that has been selected for the project. The building will play a critical role in the further development of the CU Denver neighborhood, the Innovation District, and this important gateway into the CU Denver neighborhood. The building shall be complimentary of campus scale while continuing to establish a visual connection between LoDo, the Central Business District, and the CU Denver neighborhood. The building must exemplify design-excellence and deliver an iconic presence off Speer Boulevard that both activates the "front side" of campus and facilitates ease of access and mobility around the building. Committed to the creative economy, CU Denver also supports public art as part of the design and will explore community serving retail, and food and beverage spaces as part of the development. Flex-spaces for public convenings, and areas for socialization and team study, research and collaboration will be essential in the design.

As part of the curation of the innovation district, CU Denver is also seeking strategic partnerships – for both programmatic and physical enhancements to the new building. Partnerships may play a role in this project, including the addition of square footage and space types not previously contemplated in the program plan. Themes for partnerships may include co-location opportunities targeting experiential learning opportunities for students, community serving functions (e.g., non-profit organizations tied to the engineering, design or computing professions, STEAM educational programs for children, workforce development opportunities, etc.). Partnerships may also grow

the entrepreneurial ecosystem, create access to capital (venture capital, private equity, angel networks, etc), and enhance manufacturing eco-systems and fabrication facilities across Colorado.

The new building will be a cross-disciplinary teaching and research facility, drawing users from beyond CEDC. The new building will reflect a redesigning of engineering and computer science education that will prepare students for a world that is changing at an unprecedented pace. It will promote accelerated innovation and meaningful student-faculty interaction, as well as attract outside industry partners that are important to the success of student recruiting and retention.

CEDC has adopted [IMPACT 2024 \(IMPACT\)](#) — a strategic plan that was created by the college. IMPACT has bold plans to transform engineering education, emphasizing computing technology throughout, with interdisciplinary design-oriented teaching and learning. There will be a dynamic blend of hands-on and on-line pedagogy that can pivot in an agile manner, with an emphasis on cutting-edge technology, such as artificial intelligence and big data driven content delivery.

The CEDC Project aspires to be not only a model for innovative research, teaching, and learning, but also an example of cutting-edge building performance and sustainability on display. These goals are especially relevant given that building systems are a key curricular component in the CEDC. The building will be a “living laboratory” for building and engineering technologies and will demonstrate sustainable building leadership for the campus’ future growth, for the University of Colorado, and in support of the City and County of Denver’s ambitious 2030 net zero all electric building goals.

To continue as leaders in the fight against climate change, the University will revise and revisit its sustainability goals in 2026. In the interim, the University will challenge this design team to exceed existing minimum design and code requirements and incorporate the following goals to achieve cutting-edge building performance:

1. Conduct thorough life-cycle cost analyses of potential project enhancements to identify first costs, payback analysis (ROI), environmental costs, and energy savings opportunities and to reduce operations and maintenance costs. This could include the examination of Well Building Certification and on-site energy generation, among others.
2. Go beyond energy code minimums and LEED Gold; and include a measurable energy goal for the project (EUI goals).
3. Explore the opportunities to meet net-zero energy consumption or be net-zero energy ready (highly desirable).
4. Detailed metering and data feedback to be used for data collection, confirmation of EUI goal achievement, and research.
5. Implement improvements that increase efficiency and reduce GHG emissions.
6. Integrate environmental sustainability goals with social and economic sustainability goals.
7. Incorporate the guidance of the New Buildings Institute and their tools, guidelines, and examples of high-performance buildings.

Scope of Services

The University of Colorado Denver (UC Denver) seeks a firm to provide third-party commissioning services for the new CU Denver College of Engineering, Design, and Computing Building and North Classroom Renovations project located in Denver.

Minimum Requirements

Notice is hereby given to all interested parties that all firms will be required to meet all minimum requirements to be considered for this project. To be considered as qualified, interested firms shall have, as a minimum:

1. Experience in successfully delivering services for fast-track projects.
2. Colorado-based firm conveniently located for coordination with University of Colorado Denver | Anschutz campus.
3. Experience in delivering services for at least three (3) multi-story projects over 70,000 GSF in the past five years.
4. Demonstrate ability to complete tasks in a collaborative environment to include: expediting document production and review, completing field coordination, and ensuring readily available expertise in solving problems during the construction phase.
5. Demonstrated ability to commission mechanical, plumbing, electrical, and lighting control systems.

Firms meeting the minimum requirements may obtain the bidding documents on the website accompanying this advertisement.

University of Colorado Anschutz Medical Campus Facilities Projects – Construction Bid / RFP website:

<https://www.cuanschutz.edu/offices/facilities-management/construction-projects/RFP>

Colorado CORE/ColoradoVSS:

<https://codpa-vss.cloud.cgifederal.com/webapp/PRDVSS2X1/AltSelfService>

Other Information

Preference shall be given to Colorado resident bidders and for Colorado labor, as provided by law.

Mandatory Pre-Submittal Conference (Via Zoom)

To ensure sufficient information is available to firms preparing submittals, a mandatory pre-submittal conference has been scheduled. The intent of this conference is to have University of Colorado Denver staff available to discuss the project. Firms preparing submittals must have at least one individual attend to have their submittals accepted.

ZOOM Attendee Information for Consultants:

To receive an invitation for the on-line Zoom pre-submittal conference, you must pre-register in advance using the link below.

<https://ucdenver.zoom.us/meeting/register/tJckce6uqzwoH9SufwYbT0da1vnDN8GGicT4>

Schedule/Submission Details

1. The schedule of events for the AFB process and an outline of the schedule for the balance of the project is as follows:

Advertisement	9/23/22
Mandatory Pre-Bid Conference (Zoom)	9/30/22, 10:00 AM
Date Email Questions Due	10/4/22, 2:00 PM
Date Email Answers Issued	10/7/22, 2:00 PM
RFQ Submittal Due	10/11/22, 2:00 PM
Interview List Released	10/14/22, 2:00 PM
Oral Interviews (as scheduled)	10/21/22 (Projected)
Negotiation of Contract	10/24/22-11/4/22
Contract Approval (Projected)	11/9/22
Anticipated Comm Agt. Services Start	11/9/22
Anticipated Construction Start – Finish	4/23 – 12/24

2. **One (1) Electronic PDF** of the RFQ Responses are due **Tuesday, October 11th, 2022** and shall be received no later than **2:00 PM MST**, and shall be submitted/accepted via CU Denver Online RFQ Submission at the following address:

https://ucdenverdata.formstack.com/forms/rfp_rf_q_submission

Agency:	University of Colorado Denver
Contact Name:	Mark Cermak, Development Manager
Email:	mark.cermak@ucdenver.edu
Address:	Campus Services Building
	1945 Wheeling Street, Mail Stop F418, Aurora, CO
	80045

Comments: **Late sealed bids will be rejected without consideration. The University of Colorado Denver and the State of Colorado assume no responsibility for costs related to the preparation of submittals.**

3. The above schedule is tentative. Responding firms shall be notified of revisions in a timely manner by email or posted on ColoradoVSS website. Respondents may elect to verify times and dates by email, but no earlier than 36 hours before the scheduled date and time.

Point of Contact/Clarification

Name:	Mark Cermak
Agency:	University of Colorado Denver
Email:	mark.cermak@ucdenver.edu

This Notice is also available on the web at:

https://codpa-vss.cloud.cgifederal.com/webapp/PRDVSS2X1/AltSelfService	
Publication Dates:	9/23/22

**ARCHITECTURAL/ENGINEERING/CONSULTING SERVICES (COMMISSIONING AGENT)
REQUEST FOR QUALIFICATIONS
UNIVERSITY OF COLORADO DENVER**

I. INTRODUCTION

A. PROJECT DESCRIPTION

The project will create a new complex for engineering and computing, and enhance the gateway experience into the CU Denver neighborhood along Larimer Street. The building will also serve as a cornerstone for CU Denver's emerging open innovation district. The creation of an innovation district was one of five goals that arose from CU Denver's 2030 Strategic Plan. Located at the intersection of Speer Boulevard and Larimer Street, this project is comprised of a ~72,000 GSF new building and approximately 46,000 SF of site improvements. The project also consists of approximately 5,000 SF of renovations in the North Classroom building that will occur after completion of the new building.

The published program plan identifies the very prominent site that has been selected for the project. The building will play a critical role in the further development of the CU Denver neighborhood, the Innovation District, and this important gateway into the CU Denver neighborhood. The building shall be complimentary of campus scale while continuing to establish a visual connection between LoDo, the Central Business District, and the CU Denver neighborhood. The building must exemplify design-excellence and deliver an iconic presence off Speer Boulevard that both activates the "front side" of campus and facilitates ease of access and mobility around the building. Committed to the creative economy, CU Denver also supports public art as part of the design and will explore community serving retail, and food and beverage spaces as part of the development. Flex-spaces for public convenings, and areas for socialization and team study, research and collaboration will be essential in the design.

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CEDC has adopted IMPACT 2024 (IMPACT) — a strategic plan that was created by the college. IMPACT has bold plans to transform engineering education, emphasizing computing technology throughout, with interdisciplinary design-oriented teaching and

learning. There will be a dynamic blend of hands-on and on-line pedagogy that can pivot in an agile manner, with an emphasis on cutting-edge technology, such as artificial intelligence and big data driven content delivery.

The CEDC Project aspires to be not only a model for innovative research, teaching, and learning, but also an example of cutting-edge building performance and sustainability on display. These goals are especially relevant given that building systems are a key curricular component in the CEDC. The building will be a “living laboratory” for building and engineering technologies and will demonstrate sustainable building leadership for the campus’ future growth, for the University of Colorado, and in support of the City and County of Denver’s ambitious 2030 net zero all electric building goals.

To continue as leaders in the fight against climate change, the University will revise and revisit its sustainability goals in 2026. In the interim, the University will challenge this design team to exceed existing minimum design and code requirements and incorporate the following goals to achieve cutting-edge building performance:

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2. Go beyond energy code minimums and LEED Gold; and include a measurable energy goal for the project (EUI goals).
3. Explore the opportunities to meet net-zero energy consumption or be net-zero energy ready (highly desirable).
4. Detailed metering and data feedback to be used for data collection, confirmation of EUI goal achievement, and research.
5. Implement improvements that increase efficiency and reduce GHG emissions.
6. Integrate environmental sustainability goals with social and economic sustainability goals.
7. Incorporate the guidance of the New Buildings Institute and their tools, guidelines, and examples of high-performance buildings.

The University of Colorado Denver has utilized a Construction Manager/General Contractor (CM/GC) approach to project delivery. Through the use of an Architect and a Construction Manager/General Contractor, a Guaranteed Maximum Price (GMP) will be established in conjunction with the university of Colorado Denver. The CM/GC will evaluate, among other things, availability of materials and labor, project schedule, project costs as they relate to the established budget, and constructability, and will work with the Architect throughout the value engineering phases of the project. The selection process for the CM/GC and A/E firm are complete. The selected Commissioning Agent will work in conjunction with the selected CM/GC and A/E firms.

B. SELECTION PROCESS

The selection of an architect/engineer/consultant (Commissioning Agent) will be conducted in accordance with the Colorado Revised Statutes, 24-30-1401 et. seq. The process will involve two stages: submittals will be screened and scored. A limited number of firms will be short listed and invited to participate in oral interviews. The University of Colorado Denver will attempt to negotiate a contract with the highest ranked firm following the interview segment. Following is additional information relative to the selection process:

1. Mandatory Pre-submittal Conference (Via Zoom):
To ensure sufficient information is available to firms preparing submittals, a mandatory pre-submittal conference has been scheduled. The intent of this conference is to have University of Colorado Denver staff available to discuss the project. Firms preparing submittals must have at least one individual attend to have their submittals accepted.

ZOOM Attendee Information for Consultants:

To receive an invitation for the on-line Zoom pre-submittal conference, you must pre-register in advance using the link below.

<https://ucdenver.zoom.us/meeting/register/tJckce6ugzwoH9SufwYbT0da1vnDN8GGicT4>

This conference is scheduled for **Friday, September 30th, 2022 at 10:00 AM.**

2. Architect/Engineer/Consultant's Submittals: Specific requirements for submittals and scoring criteria are detailed in II. SUBMITTAL REQUIREMENTS. In order to facilitate review, **(1) PDF electronic copies** of submittals must be provided. Submittals shall be accepted via CU Denver Online RFQ Submission at the following address:
https://ucdenverdata.formstack.com/forms/rfp_rfq_submission

Deadline for receipt (via email) is **Tuesday, October 11th, 2022 at 2:00 PM.**

Late submittals will be rejected without consideration. The University of Colorado Denver and the State of Colorado assume no responsibility for costs related to the preparation of submittals.

3. Screening Panel/Short List: Submittals will be evaluated by a panel of individuals selected in accordance with state policies. The panel will review and score the submittals. Firms ranked the highest will be invited to an oral interview. It is anticipated no fewer than three (3) or no more than five (5) will be interviewed.
4. Oral Interviews. It is anticipated that oral interviews will be conducted during the week of October 17-21st. Interviews will be conducted at: the University of Colorado Denver Campus, exact room TBD. The time for interviews is to be determined. Key personnel from the firm and major consultants who will be directly involved with the project should attend the interview. The interview panel will, in particular, be interested in knowing about the project approach proposed and in meeting the individuals who will act as the primary contacts with the University of Colorado Denver.

C. SCHEDULE

Following is a detailed schedule of events for the RFQ process and an outline of the schedule for the balance of the project.

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Anticipated Comm Agt. Services Start	11/9/22
Anticipated Construction Start – Finish	4/23 – 12/24

II. SUBMITTAL REQUIREMENTS

Firms will be judged not only on their past experience for the type of work involved, but also on their ability to address issues critical to the success of the project requirements outlined in this RFQ document. **(Note that the primary focus of the prequalification evaluation will be the firm(s) capability and the primary focus of the oral interview will be the proposed Project Management Team members capabilities.)** Following are elements that will be used to evaluate each firm's qualifications:

A. PROJECT TEAM

Identify the project principal, the project manager, key staff and subconsultants. Present a brief discussion regarding how the team's qualifications and experience relate to the specific project.

- ☐ Qualifications and relevant individual experience.
- ☐ Unique knowledge of key team members relating to the project.
- ☐ Experience on projects as a team.
- ☐ Key staff involvement in project management and on-site presence.
- ☐ Time commitment of key staff.
- ☐ Qualifications and relevant subconsultant experience.

B. FIRM/TEAM CAPABILITIES

- ☐ Are the lines of authority and coordination clearly identified?
- ☐ Are essential management functions identified?
- ☐ Are the functions effectively integrated? (e.g., subconsultants' role delineated)?
- ☐ Current and projected work load.

Note: Organization charts and graphs depicting your capacity may be included.

C. PRIOR EXPERIENCE

Use this portion of your submittal to describe relevant experiences with the project type described in this RFQ document and various services to be provided.

- ☐ Experience of the key staff and firm with projects of similar scope and complexity.
- ☐ Demonstrated success on past projects of similar scope and complexity.
- ☐ References.

Note: Include the name and current telephone number of the owner's project manager for every project listed.

D. PROJECT APPROACH

For the project and services outlined in the RFQ document, describe how you plan to accomplish the following project control and management issues:

- ☐ Budget Methodology/Cost Control.
 - Establish and maintain estimates of probable cost within owner's established budget.
 - Control consultant contract costs
 - Coordinate value engineering activities
- ☐ Quality Control Methodology.
 - Insure State procedures are followed
 - Improve energy efficiency through the use of an integrated design process, life cycle costing, the use of an energy standard (current OSA energy code) and the specification of energy efficient materials, systems, and equipment
 - Insure the project is designed for durability and maintainability
- ☐ Schedule.
 - Manage the required work to meet the established schedule

E. WORK LOCATION

Describe where the prime and subconsultants will do the key work elements of this project.

- ☐ Proximity of firms office as it may affect coordination with the State's project manager and the potential project location.
- ☐ Firm's familiarity with the project area.
- ☐ Knowledge of the local labor and material markets.

Appendix A

STATE BUILDINGS PROGRAM PRELIMINARY SELECTION/EVALUATION FORM ARCHITECT/ENGINEERING/CONSULTANT SERVICES

QUALIFICATION BASED SELECTION (This form is to be used in the first step, i.e. short listing, of an architectural/engineering/consulting services selection process.)

Evaluator #: _____ Date: _____

Name of Firm: _____

Name of Project: _____

RFQ REFERENCE

MINIMUM REQUIREMENTS

Y ____ N ____

If the minimum requirements have not been met, specify the reason(s):

Acknowledgment and Attestation included:

Y ____ N ____

SCORE (PROJECT SPECIFIC QUALIFICATIONS):

Weight² x Rating³ = Score

1. PROJECT TEAM¹

- ☐ Qualifications and relevant individual experience.
- ☐ Unique knowledge of key team members relating to the project.
- ☐ Experience on projects as a team.
- ☐ Key staff involvement in project management and on-site presence.
- ☐ Time commitment of key staff.
- ☐ Qualifications and relevant subconsultant experience.

3 x =

3 x =

1 x =

3 x =

2 x =

3 x =

2. FIRM CAPABILITIES¹

- ☐ Are the lines of authority and coordination clearly identified
- ☐ Are essential management functions identified?
- ☐ Are the functions effectively integrated (e.g., subconsultants' roles delineated?)
- ☐ Current and projected work load.

1 x =

2 x =

2 x =

3 x =

3. PRIOR EXPERIENCE¹

- ☐ Experience of the key staff and firm with projects of similar scope and complexity.
- ☐ Demonstrated success on past projects of similar scope and complexity.
- ☐ References.

3 x =

3 x =

2 x =

4. PROJECT APPROACH¹

- ☐ Budget methodology/cost control.
- ☐ Quality control methodology.
- ☐ Schedule maintenance methodology.

<u>1</u>	x	=	<u> </u>
<u>2</u>	x	=	<u> </u>
<u>1</u>	x	=	<u> </u>

5. WORK LOCATION¹

- ☐ Proximity of firm's office as it may affect coordination with the state's project manager and the potential project location.
- ☐ Firm's familiarity with the project area.
- ☐ Knowledge of the local labor and material markets.

<u>1</u>	x	=	<u> </u>
<u>2</u>	x	=	<u> </u>
<u>1</u>	x	=	<u> </u>

TOTAL SCORE: 4

NOTES:

1. **Criteria:** Agencies/Institutions are encouraged to include additional criteria that reflect unique characteristics of the project under each category to help determine the submitter's overall qualifications.
2. **Weights:** Agency/Institutions to assign weights, using whole numbers, to all criteria on evaluation forms for inclusion into RFQ document and prior to evaluations.
3. **Ratings:** Evaluator to assess the strength of each firms qualifications and assign a numerical rating of 1 to 5 with 5 being the highest rating 0 is missing information. (Use whole numbers)
4. **Total Score:** Includes the sum of all criteria. Note: a passing score (as a percentage of the total points available) is optional and should be assigned by the agency/institution prior to evaluation.

Appendix A1

**STATE BUILDINGS PROGRAM
ORAL INTERVIEW SELECTION/EVALUATION FORM
ARCHITECTURAL/ENGINEERING/CONSULTANT SERVICES**

QUALIFICATION BASED SELECTION (This form is to be used in the second step, i.e. oral interview, of an architectural/engineering/consulting services selection process.)

Evaluator #: _____ Date: _____

Name of Firm: _____

Name of Project: _____

SCORE (OVERALL QUALIFICATIONS)¹:

$$\text{Weight}^2 \times \text{Rating}^3 = \text{Score}$$

1. PROJECT TEAM¹ 5 x =

2. TEAM CAPABILITIES¹ 5 x _____ = _____

3. PRIOR EXPERIENCE¹ 5 x =

4. PROJECT APPROACH¹ 5 x =

5. WORK LOCATION¹ 3 x =

TOTAL SCORE: 4

NOTES:

1. **Criteria:** Agencies/Institutions are encouraged to include additional criteria that reflect unique characteristics of the project under each category to help determine the submitter's overall qualifications.
2. **Weights:** Agency/Institutions to assign weights, using whole numbers, to all criteria on evaluation forms for inclusion into RFQ document and prior to evaluations.
3. **Ratings:** Evaluator to assess the strength of each firms qualifications and assign a numerical rating of 0 to 5 with 5 being the highest rating. (Use whole numbers), 0 is missing information.
4. **Total Score:** Includes the sum of all criteria. Note: a passing score (as a percentage of the total points available) is optional and should be assigned by the agency/institution prior to evaluation.

Appendix A2

STATE BUILDINGS PROGRAM FINAL RANKING MATRIX

QUALIFICATION BASED SELECTION

(This form is to be used separately to rank and determine the most qualified architectural/engineering/consulting services firm for both the preliminary and interview evaluations.)

FIRM	QUALIFICATIONS SCORE ¹						CUMULATIVE ² TOTAL SCORE	RANK ³
	EVAL #1	EVAL #2	EVAL #3	EVAL #4	EVAL #5	EVAL #6		

NOTES:

1. Insert total score from each evaluator's PRELIMINARY SELECTION AND INTERVIEW SELECTION/EVALUATION FORMS. DO NOT combine scores of the two evaluations.
2. Add all evaluators' total scores to determine the cumulative score. NOTE: Each firm's cumulative total score should be as a percentage of the total points available.
3. Rank all firms with the highest scoring firm being the most qualified.

Appendix B

ARCHITECT/ENGINEER/CONSULTANT CONTRACT (STANDARD OR CM/GC FORMAT)

The Consultant Standard Agreement, SC-5.3, 08/2022 can be downloaded from the State Buildings website at:

<https://osa.colorado.gov/state-buildings/project-management-policies-guidelines/contract-forms>

See Attached Consultant Agreement SC-5.3 (With Specific Modifications)

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**



**CONSULTANT AGREEMENT
(STATE FORM SC-5.3)**

DEPARTMENT ID:	<u> {\$DeptID} </u>
CONTRACT ID #:	<u> NA </u>
PROJECT #:	<u> {\$ProjectNumber} </u>
PROJECT NAME:	<u> {\$ProjectName} </u>
VENDOR NAME:	<u> {\$VendorName} </u>

STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM

CONSULTANT AGREEMENT
(STATE FORM SC-5.3)

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EXHIBITS:

- A.** Consultant Proposal (including Consultant’s Services Schedule and Insurance Certificates)
- B.** Wage Rates Schedule
- D.** Building Code Compliance Policy: Coordination of Approved Building Codes, Plan Reviews and Building Inspections (required only when Article 7.5 Professional Errors and Omissions Liability applies to the professional services being provided)
- F.** NOT USED
- G.** University of Colorado Denver | Anschutz Medical Campus Supplementary Terms & Conditions for Consultant Agreement
- H.** Service-Disabled Veteran-Owned Small Business and Minority/Women Business Enterprise Participation Report.

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**

**CONSULTANT AGREEMENT
(STATE FORM SC-5.3)**

Department ID: { \$DeptID } Contract ID #: NA Project #: { \$ProjectNumber }

1. PARTIES. THIS AGREEMENT is entered into by and between the STATE OF COLORADO, acting by and through the Board of Regents of the University of Colorado, a body corporate, for and on behalf of the University of Colorado Denver, hereinafter referred to as the Principal Representative, and { \$VendorName } having its offices at { \$VendorAddress }, hereinafter referred to as the Consultant.

2. EFFECTIVE DATE AND NOTICE OF NONLIABILITY. This Agreement shall not be effective or enforceable until it is approved and signed by the State Controller or its designee (hereinafter called the "Effective Date"), but shall be effective and enforceable thereafter in accordance with its provisions. The State shall not be liable to pay or reimburse Consultant for any performance hereunder or be bound by any provision hereof prior to the Effective Date.

RECITALS

WHEREAS, authority exists in the Law and Funds have been budgeted, appropriated, and otherwise made available, and a sufficient unencumbered balance thereof remains available for payment in Fund Number NA, Account Number NA; and

WHEREAS, required approval, clearance and coordination has been accomplished from and with appropriate agencies; and

WHEREAS, the Principal Representative intends to procure { \$ProjectDescription } hereinafter called the Project; and

WHEREAS, the Consultant was selected and determined to be the most qualified, and fees negotiated in accordance with the provisions of Section C.R.S. § 24-30-1401, as amended.

WHEREAS, this is a phase one waived contract, waiver number 174 Consultant Agreement for Capital Construction Form (SC-5.3).

NOW THEREFORE, it is hereby agreed that

ARTICLE 1. SCOPE OF WORK

The Consultant, in consideration of State's promises hereinafter made, promises to perform and accomplish all the work and services proposed, and in accordance with the terms and conditions set forth in the scope of work description and proposal dated { \$ProposalDate }, which documents are attached hereto and made a part hereof by reference as **Exhibit A**, (including the Consultant's Services Schedule). Consultant shall undertake and perform the necessary work and services (as detailed in the Consultant's Services Schedule outlining the required time to perform such work and services and including Principal Representative review times) as is customarily done in the professional practice of Consulting in the community for undertakings of similar character, scope and magnitude.

ARTICLE 2. COMPENSATION

In consideration for the performance of the said work and services including a lump sum price for Reimbursable Expenses if applicable, Principal Representative agrees to pay to Consultant fees and charges not to exceed **}\${VendorWrittenValue} Dollars (\${VendorNumValue})**. Payments to the Consultant shall be made monthly based upon Consultant's performance and progress, through a properly executed Application for Payment (SC-7.1). Payments shall be due per C.R.S. § 24-30-202(24) (correct notice of amount due), within forty-five (45) days of receipt by the Principal Representative of the Applications for Payment.

ARTICLE 3. REIMBURSABLE EXPENSE

Reimbursable expenses are in addition to the compensation for said work and services and include actual expenditures made by the consultant and its employees and consultants in the interest of the Project. Pay requests for reimbursable expense shall be submitted with receipts, statements, or other acceptable supporting data. The consultant understands and agrees that a certain dollar amount as enumerated in **EXHIBIT A**, Consultant's Proposal has been established as a maximum amount to be paid for all reimbursable expenses. Reimbursement of travel expenses is to be based on reasonable and necessary travel costs within the limits of State/Federal per diem rates as published in the travel section of the State Controller's Fiscal Rules, Meal and Incidental Per Diem Rates, Appendix A1.

ARTICLE 4. AGREEMENT EXPIRATION

Unless sooner terminated, this Agreement shall remain in effect until the work and services are completed and accepted by the Principal Representative.

ARTICLE 5. TERMINATION OF AGREEMENT

5.1 DEFAULT

This Agreement may be terminated by either party upon seven (7) days written notice with copies filed with and the State Controller, should the other party fail substantially to perform in accordance with its terms through no fault of the other.

5.2 TERMINATION FOR CONVENIENCE OF STATE

The performance of the services under this Agreement may be terminated, in whole or from time to time in part, by the State whenever for any reason the Principal Representative shall determine that such termination is in the best interest of the State. Termination of services hereunder shall be affected by delivery to the Consultant of a Notice of Termination specifying the extent to which performance of services under this Agreement is terminated and the date upon which such termination becomes effective.

After receipt of the Notice of Termination, the Consultant shall exercise all reasonable diligence to accomplish the cancellation of its outstanding commitments covering personal services and extending beyond the date of such termination to the extent that they relate to the performance of any services terminated by the Notice.

ARTICLE 6. CONSULTANT'S ACCOUNTING RECORDS

Records of the Consultant's Direct Personnel, Consultant, and reimbursable Expense pertaining to this Agreement and records of accounts between the Principal Representative and Consultant shall be kept on a generally recognized accounting basis and shall be available to the Principal Representative at mutually convenient times and extending to three (3) years after final payment under this Agreement.

ARTICLE 7. INSURANCE

7.1 GENERAL

The Consultant shall procure and maintain all insurance requirements and limits as set forth below, at his or her own expense, for the length of time set forth in Contract requirements. The Consultant shall continue to provide evidence of such coverage to State of Colorado on an annual basis during the aforementioned period including all of the terms of the insurance and indemnification requirements of this agreement. All below insurance policies shall include a provision preventing cancellation without thirty (30) days' prior notice by certified mail. A completed Certificate of Insurance shall be filed with the Principal Representative and State Buildings Program within ten (10) days after the date of the Notice of Award, said Certificate to specifically state the inclusion of the coverages and provisions set forth herein and shall state whether the coverage is "claims made" or "per occurrence".

7.2 COMMERCIAL GENERAL LIABILITY INSURANCE (CGL)

This insurance must protect the Consultant from all claims for bodily injury, including death and all claims for destruction of or damage to property (other than the Work itself), arising out of or in connection with any operations under this Contract, whether such operations be by the Consultant or by any Subcontractor under him or anyone directly or indirectly employed by the Consultant or by a Subcontractor. All such insurance shall be written with limits and coverages as specified below and shall be written on an occurrence form.

General Aggregate	\$1,000,000
Products – Completed Operations Aggregate	\$1,000,000
Each Occurrence	\$1,000,000
Personal Injury	\$1,000,000

The following coverages shall be included in the CGL:

1. Additional Insured status in favor of the State of Colorado.
2. The policy shall be endorsed to be **primary and non-contributory** with any insurance maintained by Additional Insureds.
3. A waiver of Subrogation in favor of all Additional Insured parties.

7.3 AUTOMOBILE LIABILITY INSURANCE

Automobile liability insurance and business auto liability covering liability arising out of any auto (including owned, hired and non-owned autos).

Combined Bodily Injury and Property Damage Liability (Combined Single Limit):	\$1,000,000 each accident
----------------------------------------------------------------------------------	---------------------------

Coverages:

Specific waiver of subrogation

7.4 WORKERS COMPENSATION INSURANCE

The Consultant shall procure and maintain Workers' Compensation Insurance at his or her own expense during the life of this Contract, including occupational disease provisions for all employees per statutory requirements. Policy shall contain a waiver of subrogation in favor of the State of Colorado.

The Consultant shall also require each Subcontractor to furnish Workers' Compensation Insurance, including occupational disease provisions for all of the latter's employees, and to the

extent not furnished, the Consultant accepts full liability and responsibility for Subcontractor's employees.

In cases where any class of employees engaged in hazardous work under this Contract at the site of the Project is not protected under the Workers' Compensation statute, the Consultant shall provide, and shall cause each Subcontractor to provide, adequate and suitable insurance for the protection of employees not otherwise protected

7.5 PROFESSIONAL ERRORS AND OMISSIONS LIABILITY

(If this contract is for one of the following professional pre-design services such as; geotechnical investigation and reporting, environmental assessment or land surveying or for construction administrative services such as material testing, than the following Professional Errors and Omissions Liability Insurance coverage applies)

The Consultant promises and agrees to maintain in full force and effect an Errors and Omissions Professional Liability Insurance Policy in the amounts (indicated in the following table) as minimum coverage ***or such other minimum coverage as determined by the Principal Representative and approved by the State Buildings Program***. The policy, including claims made forms, shall remain in effect for the duration of this Agreement and for at least three years beyond the completion and acceptance of the Work. The Consultant shall be responsible for all claims, damages, losses or expenses, including attorney's fees, arising out of or resulting from the performance of Professional Services contemplated in this Agreement, provided that any such claim, damage, loss or expense is caused by any negligent act, error or omission of the Consultant, any consultant or associate thereof, or anyone directly or indirectly employed by Architect/ Engineer. The Consultant shall submit a Certificate of Insurance verifying said coverage at the signing of this Agreement and also any notices of Renewals of said policy as they occur.

For a Fixed Limit of Construction Cost	Minimum Coverage per Claim	Minimum Coverage in the Aggregate
\$999,999 and under	\$250,000	\$500,000
\$1,000,000 to \$4,999,999	\$500,000	\$1,000,000
\$5,000,000 to \$19,999,999	\$1,000,000	\$2,000,000
\$20,000,000 and Above	\$2,000,000	\$2,000,000

ARTICLE 8. SPECIAL PROVISIONS

8.1 CONTROLLER'S APPROVAL. C.R.S. § 24-30-202 (1)

This contract shall not be valid until it has been approved by the Colorado State Controller or designee.

8.2 FUND AVAILABILITY. C.R.S. § 24-30-202(5.5)

Financial obligations of the State payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted, and otherwise made available.

8.3 GOVERNMENTAL IMMUNITY

Liability for claims for injuries to persons or property arising from the negligence of the State, its departments, boards, commissions committees, bureaus, offices, employees and officials shall be controlled and limited by the provisions of the Colorado Governmental Immunity Act, C.R.S. § 24-10-101 et seq.; the Federal Tort Claims Act, 28 U.S.C. Pt. VI, Ch. 171 and 28 U.S.C. 1346(b), and the State's risk management statutes, §§24-30-1501, et seq. C.R.S. No term or condition of this contract shall be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protections, or other provisions, contained in these statutes.

8.4 INDEPENDENT CONTRACTOR

Consultant shall perform its duties hereunder as an independent contractor and not as an employee. Neither Consultant nor any agent or employee of Consultant shall be deemed to be an agent or employee of the State. Consultant shall not have authorization, express or implied, to bind the State to any agreement, liability, or understanding, except as expressly set forth herein. **Consultant and its employees and agents are not entitled to unemployment insurance or workers compensation benefits through the State and the State shall not pay for or otherwise provide such coverage for Consultant or any of its agents or employees. Consultant shall pay when due all applicable employment taxes and income taxes and local head taxes incurred pursuant to this contract. Consultant shall (a) provide and keep in force workers' compensation and unemployment compensation insurance in the amounts required by law, (b) provide proof thereof when requested by the State, and (c) be solely responsible for its acts and those of its employees and agents.**

8.5 COMPLIANCE WITH LAW

Consultant shall comply with all applicable federal and State laws, rules, and regulations in effect or hereafter established, including, without limitation, laws applicable to discrimination and unfair employment practices.

8.6 CHOICE OF LAW, JURISDICTION, AND VENUE

Colorado law, and rules and regulations issued pursuant thereto, shall be applied in the interpretation, execution, and enforcement of this Contract. Any provision included or incorporated herein by reference which conflicts with said laws, rules, and regulations shall be null and void. All suits or actions related to this Contract shall be filed and proceedings held in the State of Colorado and exclusive venue shall be in the City and County of Denver.

8.7 PROHIBITED TERMS

Any term included in this Contract that requires the State to indemnify or hold Consultant harmless; requires the State to agree to binding arbitration; limits Consultant's liability for damages resulting from death, bodily injury, or damage to tangible property; or that conflicts with this provision in any way shall be void ab initio. Nothing in this Contract shall be construed as a waiver of any provision of C.R.S. §24-106-109. Any term included in this Contract that limits Consultant's liability that is not void under this section shall apply only in excess of any insurance to be maintained under this Contract, and no insurance policy shall be interpreted as being subject to any limitations of liability of this Contract.

8.8 SOFTWARE PIRACY PROHIBITION

State or other public funds payable under this Contract shall not be used for the acquisition, operation, or maintenance of computer software in violation of federal copyright laws or applicable licensing restrictions. Consultant hereby certifies and warrants that, during the term of this Contract and any extensions, Consultant has and shall maintain in place appropriate systems and controls to prevent such improper use of public funds. If the State determines that Consultant is in violation of this provision, the State may exercise any remedy available at law or in equity or under this Contract, including, without limitation, immediate termination of this contract and any remedy consistent with federal copyright laws or applicable licensing restrictions.

8.9 EMPLOYEE FINANCIAL INTEREST/CONFLICT OF INTEREST. C.R.S. § 24-18201 and C.R.S. § 24-50-507

The signatories aver that to their knowledge, no employee of the State has any personal or beneficial interest whatsoever in the service or property described in this contract. Consultant has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with the performance of Consultant's services and Consultant shall not employ any person having such known interests.

8.10 VENDOR OFFSET AND ERRONEOUS PAYMENTS. C.R.S. § 24-30-202 (1) and C.R.S. § 24-30-202.4

State Controller may withhold payment under the State's vendor offset intercept system for debts owed to State Agencies for: **(a)** unpaid child support debts or child support arrearages; **(b)** unpaid balances of tax, accrued interest, or other charges specified in §39-21-101, et seq. C.R.S.; **(c)** unpaid loans due to the Student Loan Division of the Department of Higher Education; **(d)** amounts required to be paid to the Unemployment Compensation Fund; and **(e)** other unpaid debts owing to the State as a result of final agency determination or judicial action. The State may also recover, at the State's discretion, payments made to Consultant in error for any reason, including, but not limited to, overpayments or improper payments, and unexpended or excess funds received by Consultant by deduction from subsequent payments under this Contract, deduction from any payment due under any other contracts, grants or agreements between the State and Consultant, or by any other appropriate method for collecting debts owed to the State.

8.11 PUBLIC CONTRACTS FOR SERVICES. C.R.S. § 8-17.5-101

Consultant certifies, warrants, and agrees that it does not knowingly employ or contract with an illegal alien who will perform work under this Contract and will confirm the employment eligibility of all employees who are newly hired for employment in the United States to perform work under this contract, through participation in the E-Verify Program or the Department program established pursuant to C.R.S. § 8-17.5-102(5)(c), Consultant shall not knowingly employ or contract with an illegal alien to perform work under this Contract or enter into a contract with a subcontractor that fails to certify to Consultant that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this Contract. Consultant **(a)** shall not use E-Verify Program or Department program procedures to undertake pre-employment screening of job applicants while this Contract is being performed, **(b)** shall notify the subcontractor and the contracting State Agency within three days if Consultant has actual knowledge that a subcontractor is employing or contracting with an illegal alien for work under this Contract, **(c)** shall terminate the subcontract if a subcontractor does not stop employing or contracting with the illegal alien within three days of receiving the notice, and **(d)** shall comply with reasonable requests made in the course of an investigation, undertaken pursuant to C.R.S. § 8-17.5-102(5), by the Colorado Department of Labor and Employment. If Consultant participates in the Department program, Consultant shall deliver to the contracting State Agency, Institution of Higher Education or political subdivision a written, notarized affirmation, affirming that Consultant has examined the legal work status of such employee, and shall comply with all of the other requirements of the Department program. If Consultant fails to comply with any requirement of this provision or C.R.S. § 8-17.5-101 et seq., the contracting State Agency, Institution of Higher Education or political subdivision may terminate this Consultant for breach and, if so terminated, Consultant shall be liable for damages.

8.12 PUBLIC CONTRACTS WITH NATURAL PERSONS. C.R.S. § 24-76.5-101

Consultant, if a natural person eighteen (18) years of age or older, hereby swears and affirms under penalty of perjury that Consultant **(a)** is a citizen or otherwise lawfully present in the United States pursuant to federal law, **(b)** shall comply with the provisions of C.R.S. § 24-76.5-101 et seq., and **(c)** has produced one form of identification required by C.R.S. § 24-76.5-103 prior to the effective date of this Contract.

ARTICLE 9. MISCELLANEOUS PROVISIONS

9.1 SUCCESSORS AND ASSIGNS

Except as otherwise provided for herein, Consultant rights and obligations hereunder are personal and may not be transferred, assigned or subcontracted without the prior, written consent of the State. Any attempt at assignment, transfer, subcontracting without such consent shall be void. All assignments, subcontracts or sub-consultants approved by Consultant or the State are subject to all of the provisions hereof. Consultant shall be solely responsible for all aspects of subcontracting arrangements and performance.

9.2 WAGE RATES, in accordance with C.R.S. § 24-30-1404 (1)

As amended, the Consultant has executed a schedule, which is attached hereto and made a part hereof by reference as **Exhibit B**, Wage Rates Schedule, and by doing so is certifying that wage rates and other factual unit costs supporting the compensation paid by the State for these professional services are accurate, complete and current.

The original contract price and any additions thereto shall be adjusted to exclude any significant sums by which the Principal Representative determines the contract price had been increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such contract adjustments shall be made within one year following the end of this contract.

9.3 CONTINGENT FEE PROHIBITION, in accordance with C.R.S. § 24-30-1404 (4)

As amended, the Consultant warrants that he has not employed or retained any company or person other than a bona fide employee working solely for him, to solicit or secure this contract, and that he has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for him, any fee, commission, percentage, gift, or other consideration contingent upon, or resulting from, the award or the making of this contract.

For breach or violation of this warranty, the Principal Representative shall have the right to terminate this contract without liability and, at its discretion, to deduct from the contract price, or otherwise recover the full amount of such fee, commission, percentage, or consideration.

9.4 EXTENT OF AGREEMENT

This Agreement represents the complete integration of all understandings between the Parties and all prior representations and understandings, oral or written, are merged herein. Prior or contemporaneous additions, deletions, or other changes hereto shall not have any force or effect whatsoever, unless embodied herein.

Principal Representative and Consultant understand and agree the attachments and exhibits hereto are and shall be integral parts of this Agreement and the terms and provisions thereof are hereby incorporated, made a part of and shall supplement those recited herein. In the event of any conflict, or variance, the terms and provisions of this printed Agreement shall supersede, govern and control.

9.5 CONSTRUCTION OF LANGUAGE

The language used in this Agreement shall be construed as a whole according to its plain meaning, and not strictly for or against any party.

9.6 SEVERABILITY

Provided this Agreement can be executed and performance of the obligations of the Parties accomplished within its intent, the provisions hereof are severable and any provision that is declared invalid or becomes inoperable for any reason shall not affect the validity of any other provision hereof, provided that the Parties can continue to perform their obligations under this Agreement in accordance with its intent.

9.7 SECTION HEADINGS

The captions and headings in this Agreement are for convenience of reference only, and shall not be used to interpret, define, or limit its provisions.

9.8 NO THIRD PARTY BENEFICIARIES

Enforcement of this Agreement and all rights and obligations hereunder are reserved solely to the Parties. Any services or benefits which third parties receive as a result of this Contract are incidental to the Contract, and do not create any rights for such third parties.

9.9 WAIVER

Waiver of any breach under a term, provision, or requirement of this Agreement, or any right or remedy hereunder, whether explicitly or by lack of enforcement, shall not be construed or deemed as a waiver of any subsequent breach of such term, provision or requirement, or of any other term, provision, or requirement.

9.10 INDEMNIFICATION

To the extent authorized by law, the Consultant shall indemnify, save and hold harmless the State, its employees and agents, against any and all claims, damages, liability and court awards including costs, expenses and attorney's fees, to the extent such claims are caused by any negligent act or omission of, or breach of contract by, the Consultant, its employees, agents, sub-consultants or assignees pursuant to the terms of this Contract, but not to the extent such claims are caused by any act or omission of, or breach of contract by, the State, its employees, agents, other Consultants or assignees, or other parties not under the control of or responsible to the Consultant.

9.11 STATEWIDE CONTRACT MANAGEMENT SYSTEM

If the maximum amount payable to Consultant under this Contract is \$100,000 or greater, either on the Effective Date or at anytime thereafter, this shall apply. Consultant agrees to be governed by and comply with the Colorado Procurement Code or the applicable procurement code for institutions of higher education, regarding the monitoring of vendor performance and the reporting of contract performance information in the State's contract management system ("Contract Management System" or "CMS"). Consultant performance shall be subject to evaluation and review in accordance with the terms and conditions of this Contract, Colorado statutes governing CMS, and State Fiscal Rules and State Controller policies.

9.12 BINDING EFFECT

Except as otherwise provided in 9.1, all provisions herein contained, including the benefits and burdens, shall extend to and be binding upon the Parties' respective heirs, legal representatives, successors, and assigns.

9.13 COUNTERPARTS

This Agreement may be executed in multiple identical original counterparts, all of which shall constitute one agreement.

9.14 MODIFICATION

By the Parties, except as specifically provided in this Agreement, modifications hereof shall not be effective unless agreed to in writing by the Parties in an amendment hereto, properly executed and approved in accordance with the Office of the State Architect.

By Operation of Law, This Agreement is subject to such modifications as may be required by changes in federal or Colorado state law, or their implementing regulations. Any such required modification automatically shall be incorporated into and be part of this Agreement on the effective date of such change, as if fully set forth herein.

9.15 SURVIVAL OF CERTAIN CONTRACT TERMS

Notwithstanding anything herein to the contrary, provisions of this Agreement requiring continued performance, compliance, or effect after termination hereof, shall survive such termination and shall be enforceable by the State if Consultant fails to perform or comply as required.

9.16 TAXES

The State is exempt from all federal excise taxes under IRC Chapter 32 (No. 84-730123K) and from all State and local government sales and use taxes under C.R.S. § 39-26-101 and 201 et seq. Such exemptions apply when materials are purchased or services are rendered to benefit the State; provided however, that certain political subdivisions may require payment of sales or

use taxes even though the product or service is provided to the State. Consultant shall be solely liable for paying such taxes as the State is prohibited from paying or reimbursing Consultant for such taxes.

9.17 CORA DISCLOSURE

To the extent not prohibited by federal law, this Agreement and the performance measures and standards under the Colorado Procurement Code or the applicable procurement code for institutions of higher education, if any, are subject to public release through the Colorado Open Records Act, C.R.S. § 24-72-201, et seq.

SIGNATURE APPROVALS:

THE PARTIES HERETO HAVE EXECUTED THIS CONTRACT

*Persons signing for Consultant hereby swear and affirm that they are authorized to act on Consultant's behalf and acknowledge that the State is relying on their representations to that effect. Principal is not a recognized title and will not be accepted

Project Name/Number: {\$ProjectName} / {\$ProjectNumber}

Contract ID No.: NA

THE CONSULTANT

STATE OF COLORADO, acting by and through:
the Board of Regents of the University of Colorado, a body
corporate, for and on behalf of the University of Colorado
Denver

`{VendorName}`

Legal Name of Contracting Entity

By:

Jay Campbell, Associate Vice Chancellor Facilities
Management and Planning

Date:

*Signature

By

Name (print)

Title

Date:

APPROVED

DEPARTMENT OF PERSONNEL & ADMINISTRATION
STATE BUILDINGS PROGRAM
State Architect (or authorized Delegate)

By:

Todd Akey, Associate Director of Facilities Projects
and State Buildings Delegate

Date:

ALL CONTRACTS MUST BE APPROVED BY THE STATE CONTROLLER:

C.R.S. § 24-30-202 requires the State Controller to approve all State Contracts. This Contract is not valid until signed and dated below by the State Controller or delegate. Consultant is not authorized to begin performance until such time. If Consultant begins performing prior thereto, the State of Colorado is not obligated to pay Consultant for such performance or for any goods and/or services provided hereunder.

APPROVED:

STATE OF COLORADO

STATE CONTROLLER'S OFFICE

State Controller (or authorized Delegate)

By:

Amy Gannon, Associate Vice Chancellor for
Financial Services and Controller or Delegate

Date:

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**

CONSULTANT AGREEMENT
(STATE FORM SC-5.3)

EXHIBIT A

PROPOSAL

(including Consultant Services Schedule and Insurance Certificate)

After signing this document, you must supply your Certificates of Insurance for review before the {\$Campus} can continue processing this agreement.

Please email your insurance certificates to:

Elaine Rydberg, helen.rydberg@ucdenver.edu

And

{SPMName}, {SPMEmail}

Vendor Initial

Sample Certificate of Liability Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Name of Insurance Broker / Agent Street Address City ST ZIP		CONTACT NAME: PHONE (A/C No. Ext): FAX (A/C No.): E-MAIL: ADDRESS: PRODUCER CUSTOMER ID #:	
INSURED Named Insured (Architect/Engineer - SC5.1-TC/ SC 5.2) or Consultant (SC 5.3) Street Address City ST ZIP		INSURER(S) AFFORDING COVERAGE INSURER A: Name of Insurance Company INSURER B: Name of Insurance Company INSURER C: Name of Insurance Company INSURER D: Name of Insurance Company INSURER E: INSURER F:	
		NAIC #	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ACORD SURR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	POLICY #	MM/DD/YYYY	MM/DD/YYYY	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	<input type="checkbox"/> <input type="checkbox"/>	POLICY #	MM/DD/YYYY	MM/DD/YYYY	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
	UMBRELLA LIAB EXCESS LIAB DEDUCTIBLE RETENTION \$	<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE		MM/DD/YYYY	MM/DD/YYYY	EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in RW) If yes, describe under SPECIAL PROVISIONS below	<input type="checkbox"/> Y/N <input type="checkbox"/> N/A	POLICY #	MM/DD/YYYY	MM/DD/YYYY	<input checked="" type="checkbox"/> VIC STATUS <input type="checkbox"/> OFF-ER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
D	PROFESSIONAL LIABILITY	<input type="checkbox"/> <input type="checkbox"/>	POLICY #	MM/DD/YYYY	MM/DD/YYYY	Per Loss Limit \$ 2,000,000 Aggregate \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

The Regents of the University of Colorado, a Body Corporate, are named Additional Insured with respect to liability and defense of suits arising out of the activities performed by, or on behalf of the Contractor, including completed operations regarding Project # _____. The Professional Liability policy is endorsed to provide a waiver of subrogation against The Regents of the University of Colorado, a Body Corporate.

CERTIFICATE HOLDER

CANCELLATION

The Regents of the University of Colorado, a Body Corporate
 Project Manager:
 1945 N. Wheeling Street
 Campus Mail Stop F-418
 Aurora, CO 80045

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**

**CONSULTANT AGREEMENT
(STATE FORM SC-5.3)**

EXHIBIT B

WAGE RATES

{WageRates}

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**

**CONSULTANT AGREEMENT
(STATE FORM SC-5.3)**

EXHIBIT F

NOT USED

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**

**CONSULTANT AGREEMENT
(STATE FORM SC-5.3)**

EXHIBIT D

**BUILDING CODE COMPLIANCE POLICY: COORDINATION OF APPROVED BUILDING
CODES, PLAN REVIEWS AND BUILDING INSPECTIONS (as applicable)**

See Office of The State Architect website: <https://www.colorado.gov/pacific/osa/bldgcodes>

See University of Colorado Denver | Anschutz Medical Campus website for Guidelines and
Standards for Design and Construction Projects:

<http://www.ucdenver.edu/about/departments/FacilitiesManagement/FacilitiesProjects/Pages/GuidelinesStandards.aspx>

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**

**CONSULTANT AGREEMENT
(STATE FORM SC-5.3)**

EXHIBIT G

**UNIVERSITY OF COLORADO DENVER | ANSCHUTZ MEDICAL CAMPUS
SUPPLEMENTARY TERMS & CONDITIONS FOR CONSULTANT AGREEMENT**

Supplementary Terms and Conditions for Consultant Agreement for Consultant Agreement (SC-5.3)

**Board of Regents of the University of Colorado
University of Colorado Denver | Anschutz Medical Campus**

The following Terms and Conditions shall augment or modify this Consultant Agreement.

ARTICLE 7. INSURANCE - Replace Article 7 as follows:

The term University, University of Colorado, University of Colorado Denver, University of Colorado Anschutz Medical Campus, Principal Representative, are the interchangeable for this replacement of article 7.

For purposes of this supplement "Contractor" as used herein shall mean, as appropriate to the State Contract form being used, Architect/Engineer, or Consultant.

The Contractor shall obtain and maintain, at its own expense and for the duration of the contract including any warranty periods under which the Contract are satisfied, the insurance coverages set forth below.

By requiring such insurance, the Principal Representative shall not be deemed or construed to have assessed the risk that may be applicable to the Contractor its agents, representatives, employees or sub-consultants under this contract. The insurance requirements herein for this Contract in no way limit the indemnity covenants contained in the Contract.

The Principal Representative in no way warrants that the limits contained herein are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Contract by the Contractor, its agents, representatives, employees, or subcontractors. The Contractor shall assess its own risks and if it deems appropriate and/or prudent, maintain higher limits and/or broader coverages. The Contractor is not relieved of any liability or other obligations assumed or pursuant to the Contract by reason of its failure to obtain or maintain insurance in sufficient amounts, duration, or types.

COVERAGES AND LIMITS OF INSURANCE - Contractor shall provide coverage with limits of liability not less than those stated below.

1. **Commercial General Liability** – Occurrence Form – ISO CG 0001 or equivalent.
Coverage to include:

- Premises and Operations
- Personal / Advertising Injury
- Products / Completed Operations
- Liability assumed under an Insured Contract (including defense costs)
- Broad Form Property Damage

General Aggregate	\$2,000,000
Products/Completed Operations Aggregate	\$2,000,000

Each Occurrence Limit	\$1,000,000
Personal/Advertising Injury	\$1,000,000

- a. The policy shall be endorsed to include the following additional insured language: **The Regents of the University of Colorado, a Body Corporate are named as Additional Insured** (ISO Form CG 2010, or equivalent). Further, all policies of insurance shall include a Separation of Insureds Clause (Cross Liability).

2. **Automobile Liability**

Bodily Injury and property damage for any owned, hired, and non-owned vehicles used in the performance of this contract.

Bodily Injury/Property Damage (Each Accident)	\$1,000,000
-----------------------------------------------	-------------

3. **Workers Compensation and Employers' Liability**

- Statutory Benefits (Coverage A)
- Employers Liability (Coverage B)

Coverage A (Workers' Compensation)	Statutory
Coverage B (Employers Liability)	
Each accident	\$ 100,000
Disease each employee	\$ 100,000
Disease policy limit	\$ 500,000

This requirement shall not apply when a contractor or subcontractor is exempt under Colorado Workers' Compensation Act, **AND** when such contractor or subcontractor executes the Sole Proprietor Waiver Letter.

4. **Professional Liability (Errors and Omissions) for Contractor**

(Applies to SC-5.3 if contract is for one of the following professional pre-design services such as; geotechnical investigation and reporting, environmental assessment or land surveying or for construction administrative services such as material testing, then the following Professional Errors and Omissions Liability Insurance coverage applies.)

- The Contractor shall maintain Errors and Omissions Liability covering negligent acts, errors and/or omissions, including design errors of the Contractor for damage sustained by reason of or in the course of operations under this Contract. The policy/coverages shall be amended to include the following:

Amendment of any Contractual Liability Exclusion to state: "This exclusion does not apply to any liability of others which you assume under a written contract provided such liability is caused by your negligent acts."

- In the event that any professional liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of three (3) years beginning at the time work under this Contract is completed.

- Policy shall contain a waiver of subrogation against The Regents of the University of Colorado, a Body Corporate.

Wrongful Act	\$2,000,000
General Aggregate	\$2,000,000

ADDITIONAL INSURANCE REQUIREMENTS

1. All Insurers must be licensed or approved to do business within the State of Colorado, and unless otherwise specified, all policies must be written on a per occurrence basis. Professional Liability is acceptable on a claims-made basis.
2. On insurance policies where the Principal Representative is named as an additional insured, the Principal Representative shall be an additional insured to the full limits of liability purchased by the Consultant even if those limits of liability are in excess of those required by this Contract.
3. The Contractor shall provide the Principal Representative a Certificate of Insurance Form evidencing all required coverages, prior to commencing work or entering Principal Representative Premises. Upon request by the Principal Representative, Contractor must provide a copy of the actual insurance policy effecting coverage(s) required by the contract.
4. The Consultant's insurance coverage shall be primary insurance and non-contributory with respect to all other available sources.
5. **The Contractor shall advise the Principal Representative in the event any general aggregate or other aggregate limits are reduced below the required per occurrence limit.** At their own expense, the Contractor will reinstate the aggregate limits to comply with the minimum requirements and shall furnish to the Principal Representative a new certificate of insurance showing such coverage is in force.
6. Contractor's insurance carrier should possess a minimum A.M. Best's Insurance Guide rating of A- VI.
7. Provide a minimum of 30 days advance written notice to the Principal Representative for cancellation, non-renewal, or material changes to policies required under the contract.
8. Certificate Holder: The Regents of the University of Colorado, Project Management, 1945 North Wheeling Street, Campus Mail stop F-418, Aurora, CO 80045.

Failure of the Contractor to fully comply with these requirements during the term of the Contract may be considered a material breach of contract and may be cause for immediate termination of the Contract at the option of the Principal Representative. The Principal Representative reserves the right to negotiate additional specific insurance requirements at the time of the contract award.

Non-Waiver

The parties hereto understand and agree that The Principal Representative is relying on, and does not waive or intend to waive by any provision of this Contract, the monetary limitations or any other rights, immunities, and protections provided by the Colorado Governmental Immunity Act, *et seq.*, as from time to time amended, or otherwise available to the Principal Representative or its officers, employees, agents, and volunteers.

Mutual Cooperation

The Principal Representative and Contractor shall cooperate with each other in the collection of any insurance proceeds which may be payable in the event of any loss, including the execution and delivery of any proof of loss or other actions required to effect recovery.

(Revised 7-21-11)

ARTICLE 9. MISCELLANEOUS PROVISIONS

9.12 STATEWIDE CONTRACT MANAGEMENT SYSTEM and EXHIBIT D CONTRACT MANAGEMENT INFORMATION are not used or required except for ARRA funded projects.

Add the following:

9.19 UNIVERSITY OF COLORADO DENVER | ANSCHUTZ MEDICAL CAMPUS POLICY ON SEXUAL HARASSMENT

- .1 The Consultant shall vigorously pursue to the greatest extent possible, adherence to the university Policy on Sexual Harassment and also require all employees, and employees of all professional consultants of any kind, working on this project to adhere to this Policy.
- .2 Statement of Policy: It is the policy of the university to maintain the community as a place of work, study, and residence free of sexual harassment or exploitation of students, faculty, staff, and administrators. Sexual harassment is prohibited on campus and in the university programs. The university is committed to taking appropriate action against any of its officials, employees or students who violate the policy prohibiting sexual harassment.
- .3 Definition of Sexual Harassment: For purposes of this Policy, sexual harassment is defined as conduct which is unwelcome and consists of:
 1. sexual advances; 2. requests for sexual favors; or 3. other verbal or physical conduct of a sexual nature when submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or academic decisions affecting the individual; or when such conduct has the purpose or effect, of unreasonably interfering with an individual's work or academic performance by creating an intimidating, hostile, or offensive working or educational environment.

Conduct prohibited under this policy may occur between persons of the same sex or of different sexes and may manifest itself in different ways. For example, sexual harassment may be as undisguised as a direct solicitation of sexual favors, or arise from behavior which has the effect of creating an intimidating, hostile, or offensive educational or working environment. In this regard, the following types of acts, if pervasive and continuous, are more likely than not to be considered sexual harassment: unwelcome physical contact, sexual remarks about a person's clothing, body, or sexual relations, conversation of a sexual nature or similar jokes and stories, and the display of sexually explicit materials in the workplace or their use in the classroom without defensible educational purpose.

- .4 Consequence of Sexual Offenses: The university may require the Consultant to remove from the university property any individual or individuals who violate the policy prohibiting sexual harassment.
- .5 Contractor acknowledges that all Contractor employees, agents and representatives providing services to the University of Colorado Denver | Anschutz Medical Campus are responsible for complying with University policies and procedures. This includes, without limitation, policies related to professional conduct, sexual misconduct (including non-consensual sexual intercourse, non-consensual sexual contact, sexual exploitation, sexual harassment, intimate partner abuse, and stalking), and discrimination and harassment based on protected characteristic identity (including race, color, national origin, pregnancy, sex, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation, or political philosophy). Please see <http://equity.ucdenver.edu/policies-procedures/>.
- .6 Contractor agrees that its employees, agents and representatives who engage in conduct prohibited by University policies, including related retaliation or failure to report, as determined in the University's sole discretion, will be subject to disciplinary action, up to and including termination by Contractor consistent with Contractor's policies and procedures
- .7 Further, as Contractor recognizes and agrees that its selection and hiring of individuals who possess expertise and professional skills to carry out Contractor's obligations in an appropriate and non-discriminatory manner that reflects positively on the University's goodwill and reputation is an essential condition to inducing the University to enter into the Agreement, Contractor agrees to remove or replace any individual whose work or performance under this Agreement is considered by the University as acting inappropriately, unprofessionally, or violating any University policy, in the University's sole discretion, including, without limitation, the aforementioned policies.
- .8 Contractor acknowledges that Contractor's activities involve heightened risks as a result of access or exposure by Contractor's employees or agents to one or more security sensitive environments. Contractor expressly acknowledges that Contractor shall take all commercially reasonable measures to mitigate any such risks, which measures shall include but are not limited to conducting criminal history checks, financial background checks when appropriate, and reference checks on all employees or agents who will be performing work at the University. Upon University request, Contractor shall certify in writing that it has complied with this provision and that all employees, agents, and subcontractors performing work hereunder have satisfactorily completed Contractor's background check

9.20. AS-BUILT DRAWINGS / RECORD DRAWINGS (if Applicable)

As-built drawings and record drawings, together with their specifications and auxiliary files, recorded on electronic media, shall conform to the standards found in the Guidelines And Standards For Design And Construction Projects; PART 1.0 - POLICIES PROCEDURES AND RESPONSIBILITIES

- 9.21 The Consultant is required to adhere to the latest University of Colorado Denver | Anschutz Medical Campus Design and Construction Standards - website location: (<https://www.cuanschutz.edu/offices/facilities-management/construction-projects/guidelines-and-standards>)
- 9.22 All costs and time associated with obtaining a University security badge for employees working on campus shall be borne by the Employer.
- 9.23 OWNERSHIP OF DOCUMENTS AND INSTRUMENTS OF SERVICE.
- .1 Drawings, specifications, custom programming, source code, and other documents, including those in electronic form, prepared by the Consultant and Sub-Consultants are Instruments of Service for use solely with respect to this Project. The Consultant and Sub-Consultants shall be deemed the authors and owners of their respective Instruments of Service and shall retain all common law, statutory and other reserved rights, including copyrights.
 - .2 Upon execution of this Agreement, the Consultant grants to the State a perpetual nonexclusive, irrevocable license to reproduce and use, and permit others to reproduce and use for the State, the Consultant's Instruments of Service solely for the purposes of constructing, using and maintaining the Project or for future alterations, or additions to the Project. The Consultant shall obtain similar nonexclusive licenses from the Sub-consultants consistent with this Agreement. If and upon the date the Consultant is adjudged in default of this Agreement, the foregoing license shall be deemed terminated and replaced by a second, nonexclusive license permitting the State to authorize other similarly credentialed professionals to reproduce and, where permitted by law, to make changes, corrections or additions to the Instruments of Service solely for the purposes of completing, using and maintaining the project, or for future alterations, or additions to the Project.
 - .3 Any unilateral use by the State of the Instruments of Service for completing, using, maintaining, adding to or altering the Project shall be at the State's sole risk and without liability to the Consultant and the Sub-Consultant; provided, however, that if the State's unilateral use occurs for completing, using or maintaining the Project as a result of the Consultant's breach of this Agreement, nothing in this Article shall be deemed to relieve the Consultant of liability for its own acts or omissions or breach of this Agreement.

EXHIBIT E Building Code Compliance Policy: Coordination of Approved Building Codes, Plan Reviews and Building Inspections (incorporated herein by reference (<https://www.colorado.gov/pacific/osa/bldgcodes>))

Exhibit A. Approved State Building Codes - add the following requirements:

The Manual of Guidelines and Standards for Design and Construction Projects (use most current version) - website location:

(<https://www.cuanschutz.edu/offices/facilities-management/construction-projects/guidelines-and-standards>)

NIH (use of most current edition); ANSI/AIHA Z9 Accredited Standards Committee available at <http://www.aiha.org/insideaiha/standards/Pages/ANSIZ9.aspx>, Laboratory Ventilation last updated 2003; ANSI/AIHA Z9.6-2008 Exhaust systems for Grinding, Buffing and Polishing; etc.

Health and Safety Standards for Ventilation Systems;

Biomedical and Animal Research Facilities Design Policies and Guidelines, National Institutes of Health, Aug 2010 and subsequent published revisions; Available at <https://orf.od.nih.gov/TechnicalResources/Pages/DesignRequirementsManual2016.aspx>;

Biosafety in Microbiological and Biomedical Laboratories (BMBL, 5th edition, 2009);

ILAR Guide for the Care and Use of Laboratory Animals (8th ed, 2011); International Building Code (IBC);

IH Guidelines for Research Involving Recombinant DNA Molecules (NIH Guidelines);

Uniform Federal Accessibility Standards (UFAS); other guidance to consider:

Guidelines for Design and Construction of Hospital and Healthcare Facilities, 2010, (formerly known as "AIA Guidelines"); ANSI/ASHRAE/ASHE Standard 170: Ventilation of Health Care Facilities

Colorado Rules and Regulations pertaining to Radiation Control, 6 CCR 1007 Part 1-20.

The latest edition of the Life Safety Code (NFPA 101) (use most restrictive interpretation where it conflicts with the IBC).

AIHA American Standard for Laboratory Ventilation ANSI/AIHA Z9.5-1992.

Last edition of "Guide for Care and Use of Laboratory Animals."

UCD Campus Standard Biosafety Level (BL3) Construction Standards.

The National Fire Protection Standards, 45, 72 latest addition.

City of Aurora Asphalt and Paving Standards (latest edition).

**STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM**

**CONSULTANT AGREEMENT
(STATE FORM SC-5.3)**

EXHIBIT H

**SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS AND MINORITY/WOMEN
BUSINESS ENTERPRISE PARTICIPATION REPORT**



Institution/Agency:	{ \$Campus } / { \$DeptID }
Project No./Name:	{ \$ProjectNumber } / { \$ProjectName }

TO BE ELIGIBLE FOR AWARD OF THIS CONTRACT, EACH CONTRACTOR (INCLUDING ARCHITECT/ENGINEER/CONSULTANT/CONTRACTOR) IS REQUESTED TO COMPLY WITH THESE REQUIREMENTS.

- The undersigned Architect/Engineer/Consultant/Contractor hereby certifies that the [](company) [] (joint venture) [](is) [](is not)* a service-disabled veteran-owned enterprise as defined in this report. The undersigned Architect/Engineer/Consultant/Contractor hereby certifies that the [](company) [](joint venture) [](is) [](is not)* a minority enterprise as defined in this report. The undersigned Architect/Engineer/Consultant/Contractor hereby certifies the [](company) [](joint venture) [](is) [](is not)* a woman-owned business enterprise as defined. (*Strike out where inapplicable.)

*Persons signing hereby swear and affirm that they are authorized to act on Architect/Engineer/Consultant/Contractor's behalf and acknowledge that the State is relying on their representations to that effect. **Principal is not a recognized title and will not be accepted**

ARCHITECT/ENGINEER/CONSULTANT/CONTRACTOR

{VendorName}

Legal Name of Contracting Entity

*Signature

By:

Name (print)

Title

Date:

- It is the general policy of the State of Colorado to be as inclusive as possible to all member communities when spending taxpayer dollars. It is also the intent of the State to address the goals of the HB14-1224 | CRS 24-103-211 of at least 3% of all contracts by dollar value to be awarded to SDVOSBs.

III. REQUIREMENTS

- A. Service-Disabled Veteran-Enterprise (SDVE) means, for the purpose of this report, a business who must be incorporated or organized in Colorado or they must maintain a place of business or have an office in Colorado and who are officially registered and verified as a SDVOSB by the Center for Veteran Enterprise within the U.S. Department of Veterans Affairs (www.vip.vetbiz.gov) per CRS 24-103-211
- B. Minority Business Enterprise (MBE) means, for the purpose of this report, a business enterprise at least 51 percent that is owned and controlled by minority group members, or, in the case of a publicly owned business, at least 51 percent of the stock of which is owned and controlled by minority group members. Eligible persons are expected to be engaged full time in the day-to-day operation and management of the business. Minority group members are ethnic minorities including African American, Hispanic American, Native American or Asian/Pacific American.
- C. Women Business Enterprise (WBE) means, for the purpose of this report, a business enterprise of at least 51 percent of which is owned and controlled by a woman or women, or, in the case of a publicly-owned business, at least 51 percent of the stock of which is owned and controlled by women. Women are expected to be engaged full time in the day-to-day operation and management of the business.

- D. The University of Colorado Denver | Anschutz Medical Campus does not have a certification process for nor does it require MBE's and WBE's to be certified.
- E. The percentages of service-disabled veteran, minority and women-owned business participation will be determined by dollar value of the work subcontracted to or joint ventured with service-disabled veteran, minority, and women-owned firms, as compared to the total dollar value of the bid amount for all work bid under this contract.
- F. Prior to the award of this contract, the contractor will be required to provide to the Principal Representative a list of SDV/M/WBE enterprises, stipulating the dollar amount of each subcontract or supplier of materials on page 2 of this Service-Disabled Veteran, Minority and Women Business Enterprises Participation Report.
- G. The contractor will retain records and documents showing the level of participation for two years following completion of this contract. These records and documents, or copies thereof, will be made available at reasonable times and places for inspection by an authorized representative of the Principal Representative, or its designated representatives, and will be submitted to such representatives upon written request.

ARCHITECT/ENGINEER/CONSULTANT/CONTRACTOR:

SDVOE: Yes ☐ No ☐ MBE: Yes ☐ No ☐ WBE: Yes ☐ No ☐

Total Contract Amount: \$ {\$VendorNumValue}

Name and Address of SDV/M/WBE Subcontractors and/or Suppliers and/or Self-Performed Work by SDV/M/WBE Primes*	SDVE Contract Amounts	MBE Contract Amounts	WBE Contract Amounts	Type of Work

*Indicate ethnicity based on Paragraph III. A. above.

Total SDVE Contracts \$ _____

Total MBE Contracts: \$ _____

Total WBE Contracts: \$ _____

Total SDVE % _____

Total MBE %: _____

Total WBE %: _____

Appendix C

ACKNOWLEDGEMENT AND ATTESTATION FORM

By responding to these guidelines, the respondent(s) certify that he/she has reviewed the Agreement and its Exhibits contained herein, and is familiar with their terms and conditions and finds them expressly workable without change or modification.

I certify and declare that the foregoing is true and correct.

Subscribed on _____ at _____,
Date City
_____, State of _____,
County State

Applicant or Corporate Officer Signature _____ Date _____

Witness

Date

NOTE: Use full corporate name and affix corporate seal (if available).

(Seal)

Appendix D

CURRENT PROGRAM PLAN (Volume I)



UNIVERSITY OF COLORADO DENVER

COLLEGE OF ENGINEERING, DESIGN AND COMPUTING BUILDING (CEDC)

PROGRAM VALIDATION DOCUMENT - VOLUME I

7/18/2022
(REV. 8/26/2022)

SMITHGROUP

PROJECT TEAM

OWNER'S PROJECT MANAGER

JLL

ARCHITECTURE + DESIGN

SMITHGROUP

LABORATORY PLANNING

SMITHGROUP

MEP ENGINEERING

SMITHGROUP

SUSTAINABILITY

SMITHGROUP

LANDSCAPE ARCHITECTURE

SMITHGROUP

STRUCTURAL & CIVIL ENGINEERING

MARTIN MARTIN

AV/TECHNOLOGY/SECURITY

K2 AV & T

COST ESTIMATING

RIDER LEVETT BUCKNELL

VIBRATION SPECIALIST

COLIN GORDON ASSOCIATES



CU Denver Lola & Rob Salazar Student Wellness Center

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EXECUTIVE SUMMARY

The CU Denver College of Engineering, Design, and Computing (CEDC) Building and North Classroom renovations will fulfill strategic goals set forth by multiple stakeholders, including CU Denver, its engineering school, and the diverse students that will inhabit the building. The project envisioned in this Programming Document was initiated by the University of Colorado Denver, whose 2030 goals aim to “transform lives, expand economies, and uplift communities.” The CEDC’s IMPACT 2024 strategic plan then distills the university’s mission into engineering-specific goals. Finally, the ideals set forth in both those documents were translated into project-specific guiding principles - which endeavor to ensure that the finished project embodies the aspirational values underlying it.

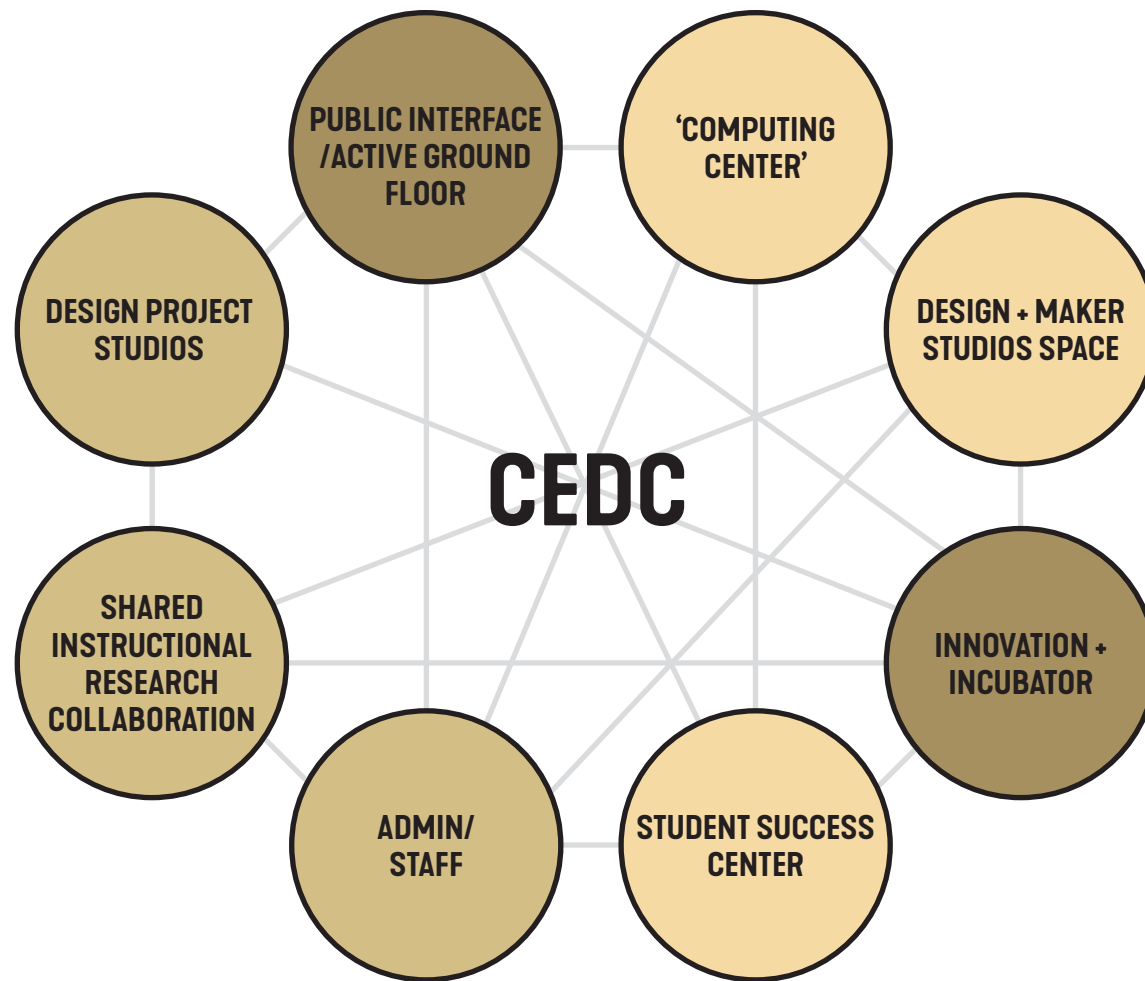
Through a series of workshops that included dialog with the various user groups and the Executive Committee, the Design Build Team tested and verified the information contained in the Request for Qualifications (RFQ). The Programming Document summarizes the results of that process. It builds and expands upon the content of the RFQ to clearly define the parameters that will inform the design process moving forward and serve as a benchmark against which to measure the development of the project throughout its future phases. As a result, in addition to building program-specific issues, its content embraces elements of site development, campus infrastructure, campus planning, sustainable design, and the project’s and University’s relationship to the community at large - all of which the project must successfully address moving forward.

Publication of this document represents the culmination of the

Program Phase of the project and lays the groundwork for the Concept and Schematic Design Phase. This document intends to confirm the programmatic needs of the various departments and components, to present a detailed, clear, and logical summary and analysis of those needs, and to illustrate an understanding of the larger project issues and goals. The construction manager and design team are developing cost estimates in tandem, which have yielded the below table of approximate values.

CURRENT PROGRAM	
<u>CEDC BUILDING</u>	
PROGRAMMED GROSS SQUARE FEET (NEW)	~66,215 GSF
<u>NORTH CLASSROOM</u>	
PROGRAMMED GROSS SQUARE FEET (RENO)	~2,000 GSF
TOTAL FACILITY GROSS SQUARE FEET	~68,215 GSF
CURRENT COST ESTIMATES	
CEDC BUILDING	~\$51,556,415
SITE	\$4,987,585
NORTH CLASSROOM	~\$1,256,000
TOTAL	~\$57,800,000

The CEDC program is categorized into six complementary use types, each fulfilling a critical mission for the building.



PROJECT GOALS + VISION

The vision for the CEDC building and North Classroom renovations is to provide capabilities well beyond the current limits by situating the project to be a key component of Denver's planned innovation district. Innovation districts create a geographic concentration of connected businesses and service providers anchored by research universities. In this context, public institutions can connect their ability to research 'grand challenges' by accessing both the capital and capacity of private enterprise to enable entrepreneurship and the commercialization of new products and services.

Flexibility is characterized by a ready capability to adapt to new, different, or changing requirements. The CEDC envisions this concept translating into a fluid learning paradigm that can adjust to inevitable evolutions. Whether it manifests as multi-use research labs, reconfigurable classrooms, or agile teaming spaces, the building must optimize space utilization.

The building will be a showcase, one that displays the creative vigor between departments and disciplines. This activity should be revealed to the world outside to establish a sense of identity and community among engineering students.

This project should demonstrate innovative technologies and sustainability strategies, becoming a teaching laboratory inhabited by its student population. In this way, the building can serve as a recruiting tool for students and faculty and help to create additional opportunities for research grants and industry partnerships.

A visioning session was conducted early in the programming phase to translate CU Denver's 2030 strategic goals into project-specific guiding principles and identify qualitative ways to incorporate these into the built environment. The design team will endeavor to thoughtfully manifest these ideas into the building to help create meaningful spaces that embody the guiding principles.

PROJECT GUIDING PRINCIPLES

EQUITABLE:

RECOGNIZING THAT USERS AND PARTNERS HAVE VARYING NEEDS OF SUPPORT AND ASSISTANCE AND REMOVING INSTITUTIONAL BARRIERS

ACCESSIBLE:

ABLE TO BE REACHED OR ENTERED

INNOVATIVE:

FEATURING NEW METHODS; ADVANCED AND ORIGINAL

DISCOVERY:

THE ACTION OR PROCESS OF DISCOVERING OR BEING DISCOVERED

COMMUNITY:

A UNIFIED BODY OF INDIVIDUALS

FLEXIBILITY:

CHARACTERIZED BY A READY CAPABILITY TO ADAPT TO NEW, DIFFERENT, OR CHANGING REQUIREMENTS

WHAT DOES SUCCESS LOOK LIKE?

PLATFORM FOR STUDENTS

IDENTITY + ENGAGEMENT

STUDENT SUCCESS + ELEVATED OPPORTUNITY

'CU CEDC BUILDING MEANS BUSINESS'

ELEVATING CAMPUS BRAND

CARBON NEUTRALITY

'FEELS LIKE US'

WOW FACTOR

EMBODIMENT OF CU DENVER

IMPORTANT CONCEPTS + ASPECTS

FLEXIBILITY

FUNCTIONALITY (LONG VIEW)

NEW BUILDING IS METAPHOR FOR
INSTITUTION STRENGTHS + IDENTITY

EXPERIENCE (EMOTIONAL)

ACTIVATION + DENSITY

GATEWAY + INVITING

SYNTHESIS

EQUITY

SUPPORT SPACES (GENDER NEUTRAL,
PERSONAL HEALTH)

STEAM (SCIENCE, TECHNOLOGY, ENG, ARTS,
MATH)

PROJECT VISION

INTEGRATED CATALYST FOR CHANGE

SHARED R&D SPACE

ROOFTOP EVENT SPACE

CONNECTION TO DOWNTOWN LANDSCAPE +
COMMUNITY

ENGINEERING ON DISPLAY - TRANSPARENCY
TO SPEER

ACTIVE GROUND FLOOR

EXECUTIVE BRIEFING CENTER

INDUSTRY LANDING PADS

GROUND LEVEL EVENT SPACE

CROSS-POLLINATION OF INDUSTRY +
STUDENTS

PROJECT DESCRIPTION

The University of Colorado Denver College of Engineering Design and Computing (CEDC) building will establish an iconic hub for the school's programs, create a new gateway into the CU Denver campus 'neighborhood,' and provide spaces that help foster public-private partnerships in pursuit of enacting positive change in the city, region, and state. The highly visible site at the southeast corner of Larimer Street and Speer Boulevard occupies the edge of the Auraria campus situated across the historic parkway from the downtown business district. This location will allow easy access by multiple transportation modes, including RTD light rail, bus, the Cherry Creek bike trail, or the nearby campus parking garages.

The CEDC program consists of eight major functions that are all interrelated, yet each has distinct needs which the facility must support. While the program states purely quantifiable space requirements, the descriptions below outline the qualitative characteristics which translate the goals and vision into tangible form.

ACTIVE GROUND FLOOR

Early in the programming process, it became clear that the school desires to showcase engineering and computing programs, create a welcoming feel, and display the activity happening within. These goals require the architecture to respond with a mix of transparency, inside-outside connectivity, and activation of the streetscape. As a result, the building's first floor will position the most frenetic and collaborative spaces facing the street, flanking a spacious entry lobby that includes an open-tiered gathering space or 'forum.' Rather than being one-sided, the ground floor will activate all sides of the building and offer direct access to a pedestrian-friendly multi-use alley facing the North Classroom building, envisioned as an element that unified rather than divides the two buildings.

INNOVATION INCUBATOR

The new building will act as a platform for increased student success, situating the CEDC as a key player in the city's new innovation district. The building will provide spaces that help foster public-private partnerships that benefit students, the university, as well as the city, region, and state. The innovation forum will be front and center within the main lobby, which will host lectures, presentations, and day-to-day informal gatherings. Within the instructional areas, 'incubator labs' make space for engineering students and industry partners to collaborate on research projects aimed at bringing innovative ideas to market. Crowning the building, an indoor/outdoor rooftop event and conference center will serve as a meeting place where collaborations between pedagogy and industry take shape, expressing the connection between the university and the business community surrounding it.

MAKER SPACE & DESIGN STUDIOS

This highly collaborative environment creates a setting for students from all the school's engineering programs to turn their ideas into working prototypes. First-year students learn fundamental skills in design and fabrication, while capstone students work in interdisciplinary project teams alongside industry partners. To facilitate this iterative design

and manufacturing process, design studios and fabrication spaces are surrounded by shops for machining, welding, and digital fabrication. A testing lab and teaching zone will be integrated into this area as well to support hands-on learning and extensive engineering analysis.

STUDENT SUCCESS CENTER

Embodying the CEDC's mission of 'radical inclusion,' this welcoming suite of spaces will be entirely student-focused. A balance of public and private rooms brings together career advising, personal tutoring, and student organizations. This mix is intended to create a 'one-stop shop' satellite career development center explicitly geared towards the specialized fields of engineering and computer science.

COMPUTING CENTER

Connected closely with the computer science department, the CEDC's computing center will create a hub for computing resources that also strives to meet the needs of an evolving pedagogy. A variety of space types and sizes will offer comfortable settings for groups and individuals with diverse needs. An adjoining cyber security lab will provide instructional space focused on that specialty, close to computer science lab space.

DESIGN PROJECT STUDIOS

One of the building's primary functions is to consolidate and centralize CEDC activities from several locations around campus and establish an identifiable home for engineering and computing programs. While each labs and classrooms will support their unique requirements, all will maintain flexible learning environments that can evolve with pedagogy over time. The architecture will selectively employ transparency to showcase the activity within to the community outside, reinforcing the school's presence on campus and in the city.

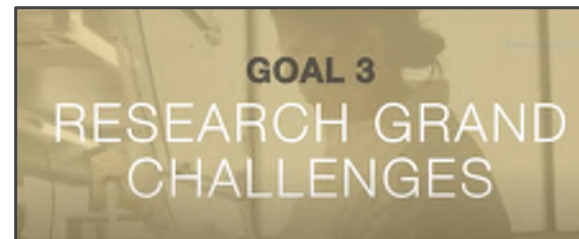
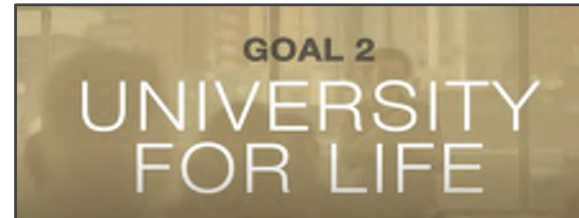
SHARED RESEARCH & INSTRUCTION

While each department requires some dedicated spaces, commonalities exist between them, which make sharing spaces advantageous. Providing dedicated classroom and lab space to each department is expensive and inefficient. Shared classroom and lab settings optimize space utilization without increasing square footage because they can be scheduled for use by all departments. The CEDC building will use such shared resources and intersperse a variety of classroom and lab configurations throughout.

ADMINISTRATIVE

An engineering school, in many ways, functions like a business, and its various administrative functions ought to be consolidated to maximize opportunities for convergence and synergy. The building will join program leaders' offices with finance, operations, marketing, communications, and even visiting scholars. This unified office suite will also be located to be visible and accessible to CEDC stakeholders, with connectivity to the rooftop conference and event space.

CU DENVER 2030 GOALS

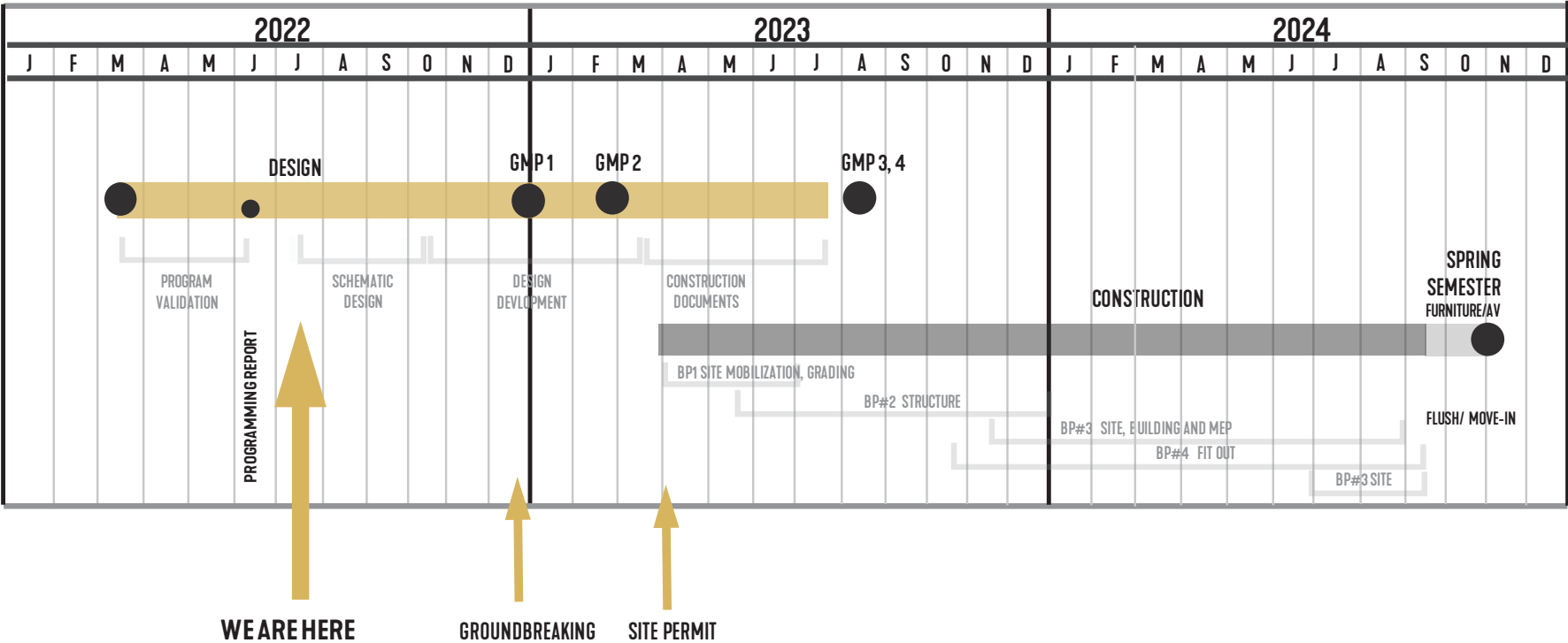




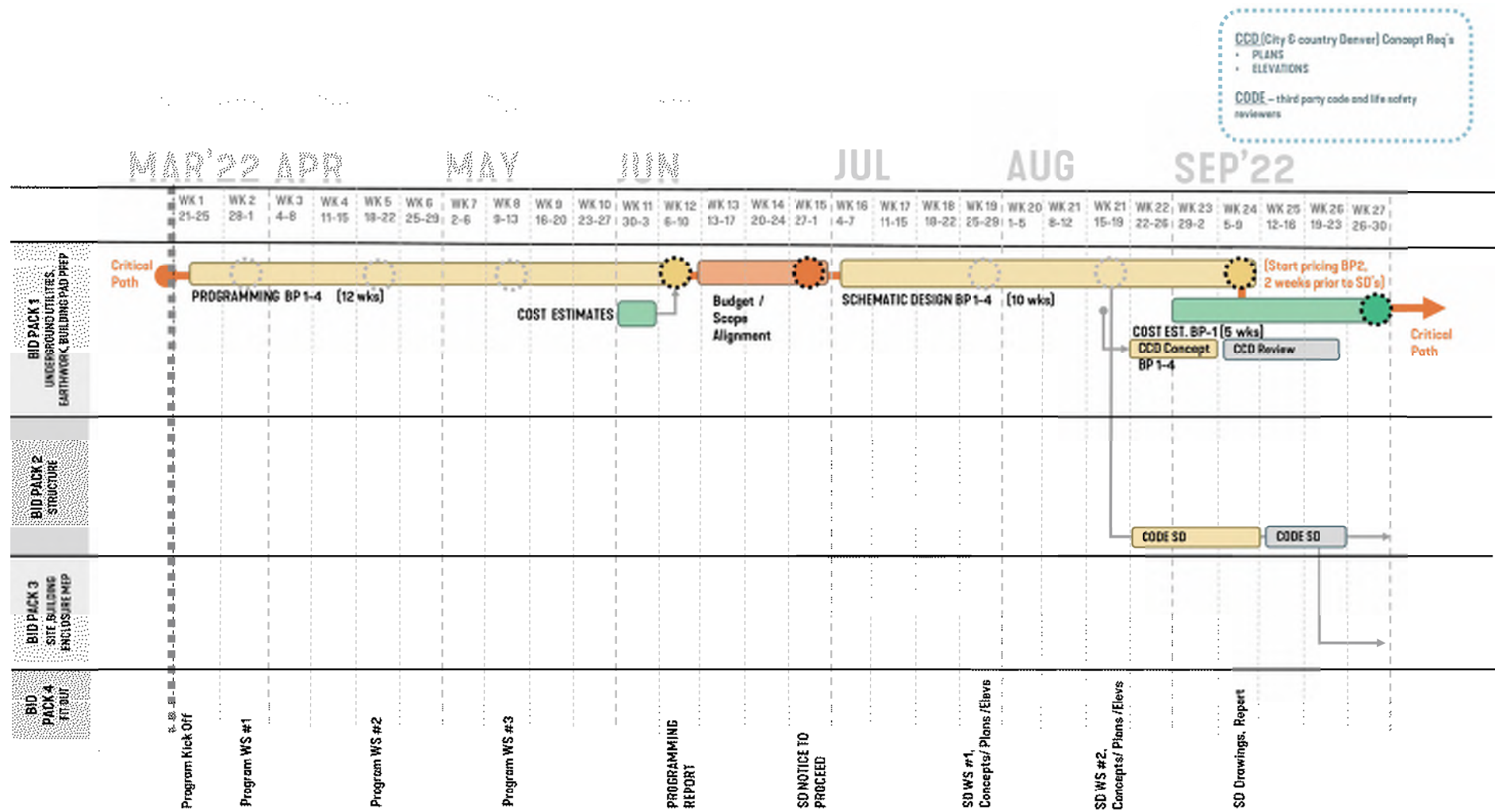
PROJECT SCHEDULE

PROGRAMMING	MARCH 2022 - JULY 2022
SCHEMATIC DESIGN	JULY 2022 - SEPTEMBER 2022
DESIGN DEVELOPMENT	SEPTEMBER 2022 - JANUARY 2023
CONSTRUCTION DOCUMENTS	JANUARY 2023 - MARCH 2023
CONSTRUCTION	APRIL 2023 - SEPTEMBER 2024

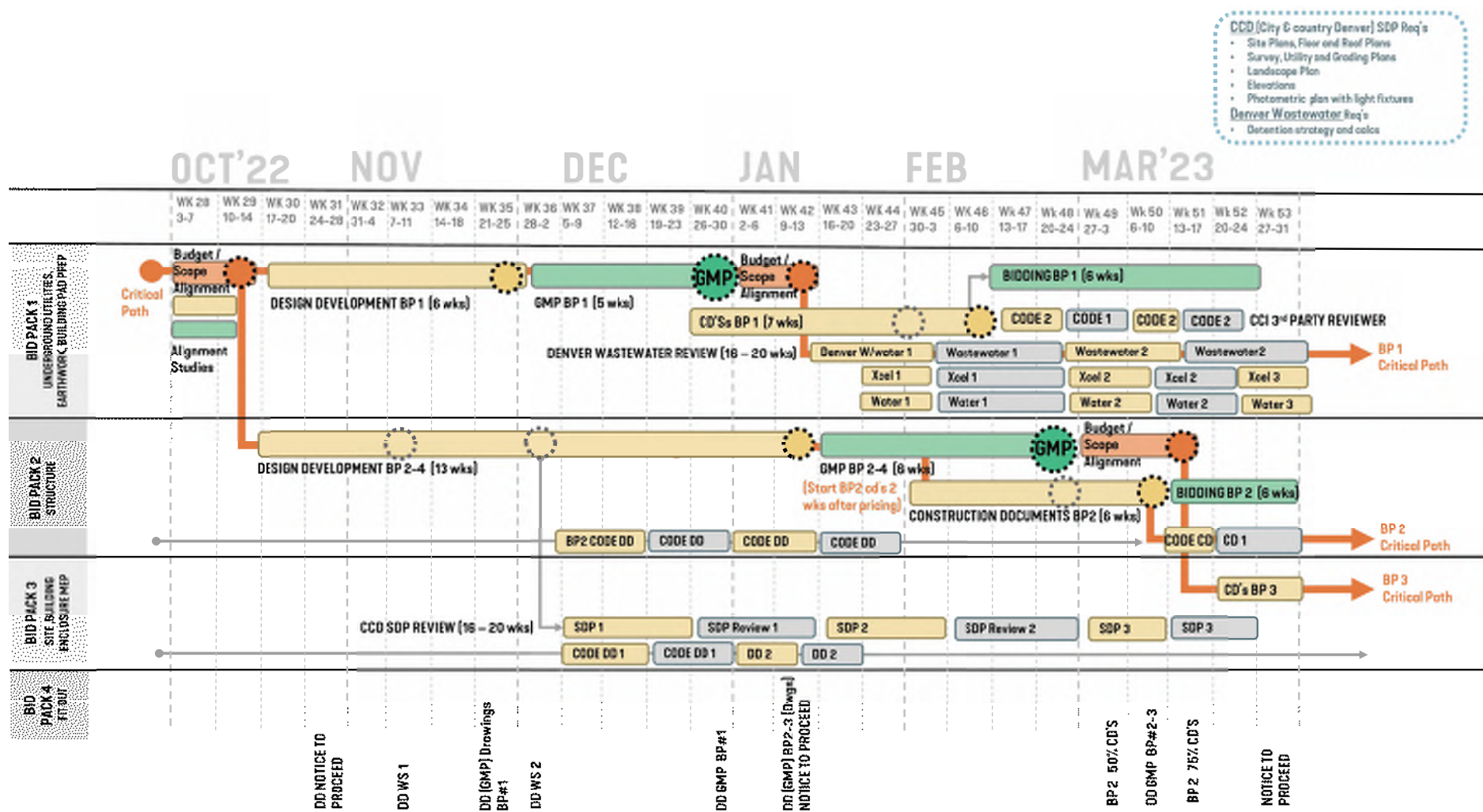
HIGH LEVEL DESIGN + WORKING SCHEDULE CONTEXT



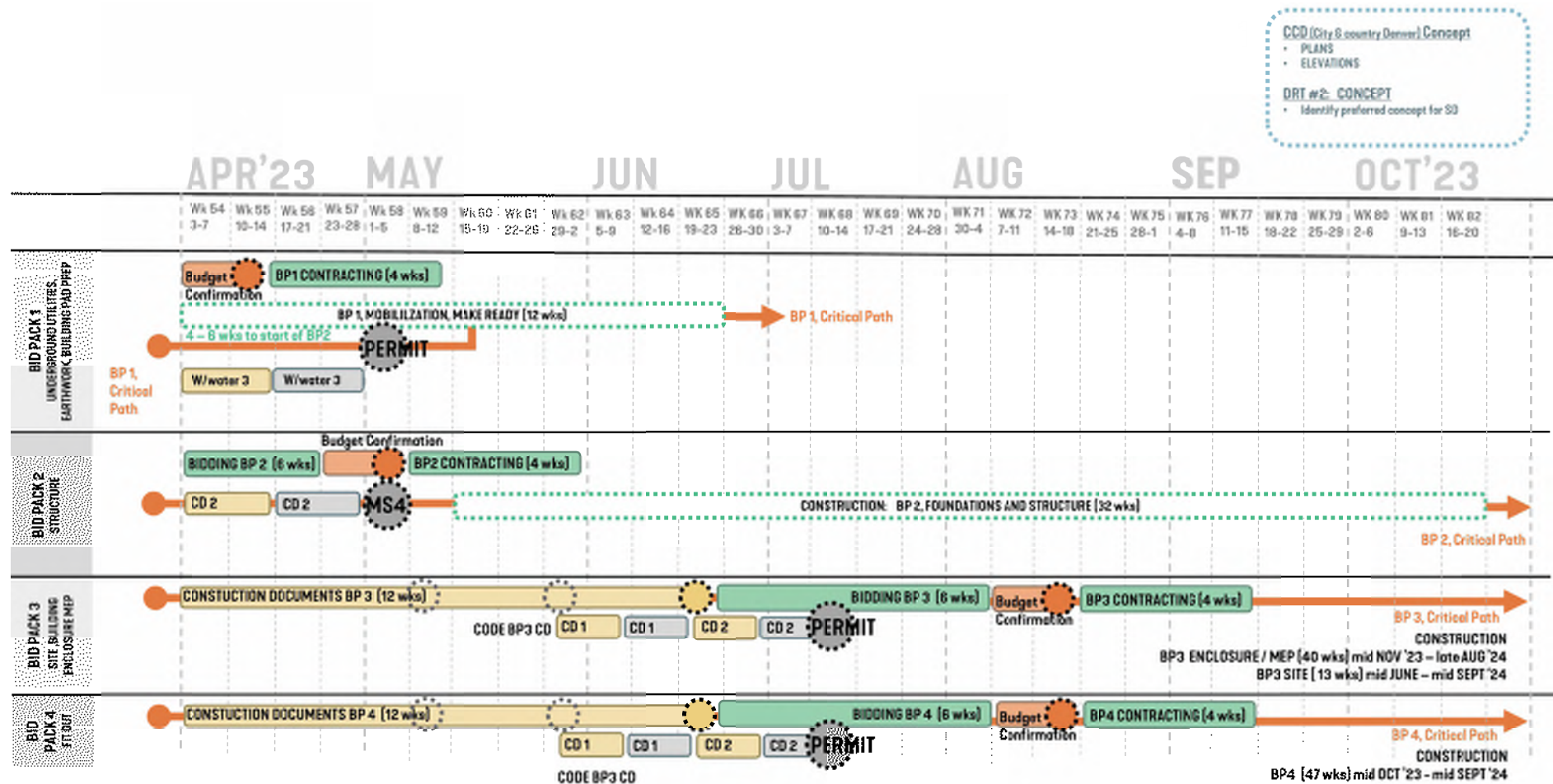
BID PACK SCHEDULE (WORKING)



BID PACK SCHEDULE (WORKING)



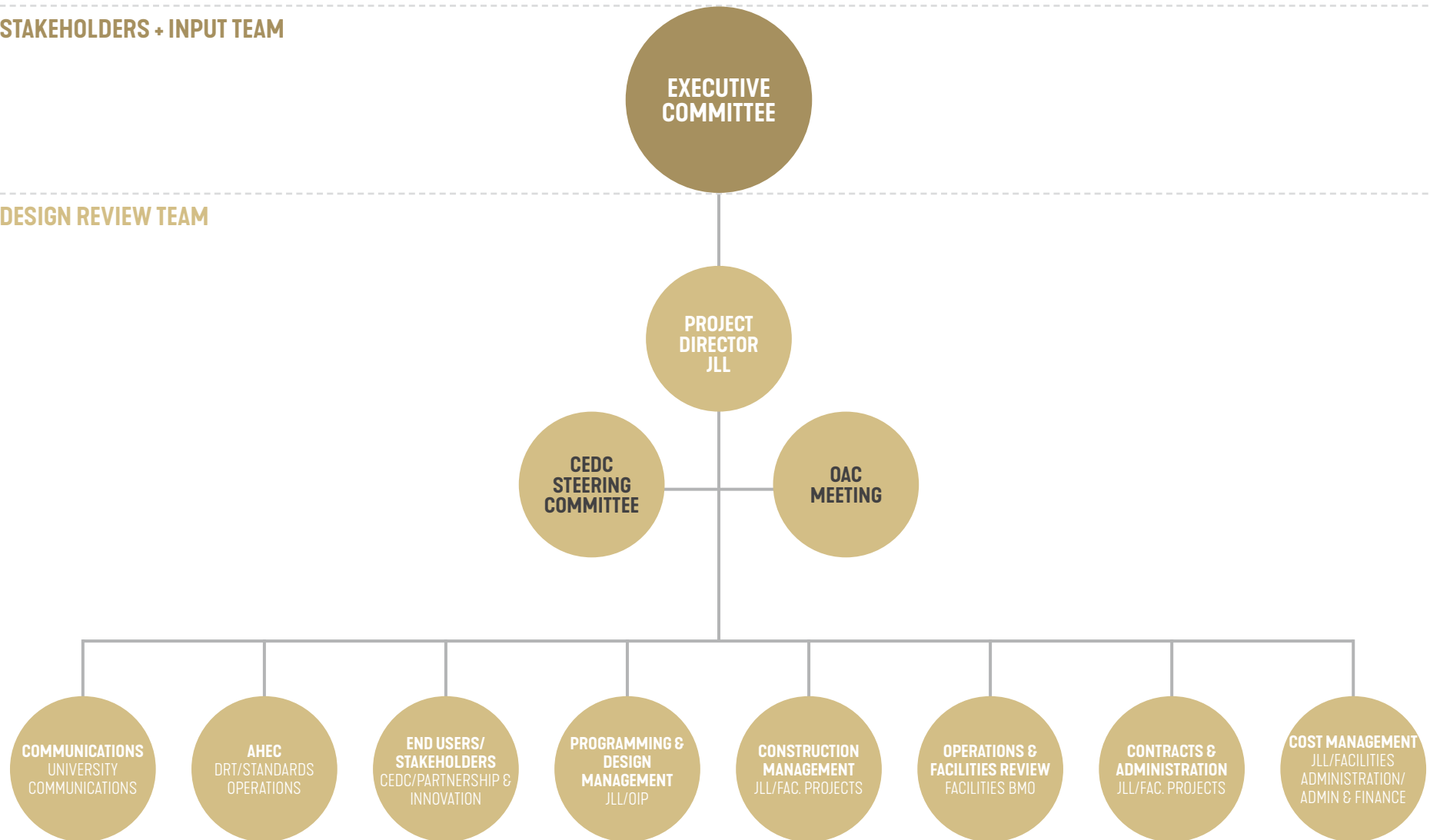
BID PACK SCHEDULE (WORKING)



TEAM ORGANIZATION

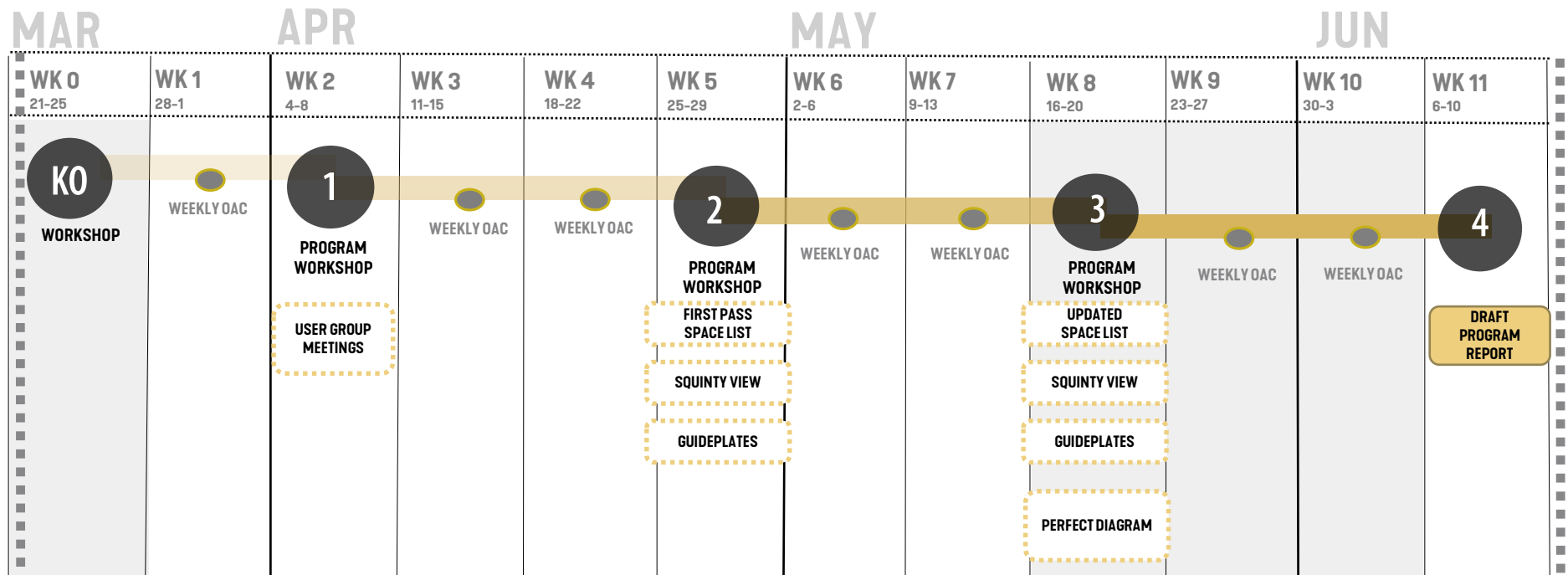
STAKEHOLDERS + INPUT TEAM

DESIGN REVIEW TEAM



PROGRAMMING + PLANNING

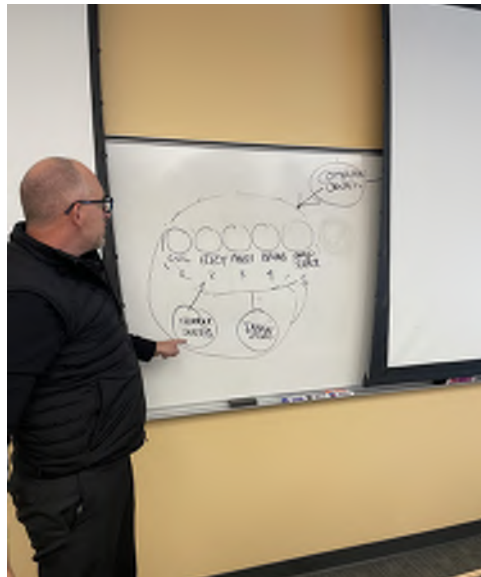
In order to build consensus deliberately and collaboratively, the Design Team begins immediately on what we call **'The Programming Triple Track.'** The process includes parallel investigations of Site Analysis, Program Space List, and Guide Plates.



PROGRAMMING: KICK-OFF MEETING

Location: CU Denver

An initial kick-off session was focused on introducing the project team, understanding the goals & vision for the project, and understanding the programmatic components of the project.



PROGRAMMING: WORKSHOP 1

Location: CU Denver

Programming Validation Workshop 1 was comprised of sessions with each User Group including several tours of existing facilities.



PROGRAMMING: WORKSHOP 2

Location: CU Denver

At Programming Validation Workshop 2, the collective team began to refine the space list and overall breakdown of the program, as well as 'guide plate' development represented on the 'squinty view' boards.



PROGRAMMING: WORKSHOP 3

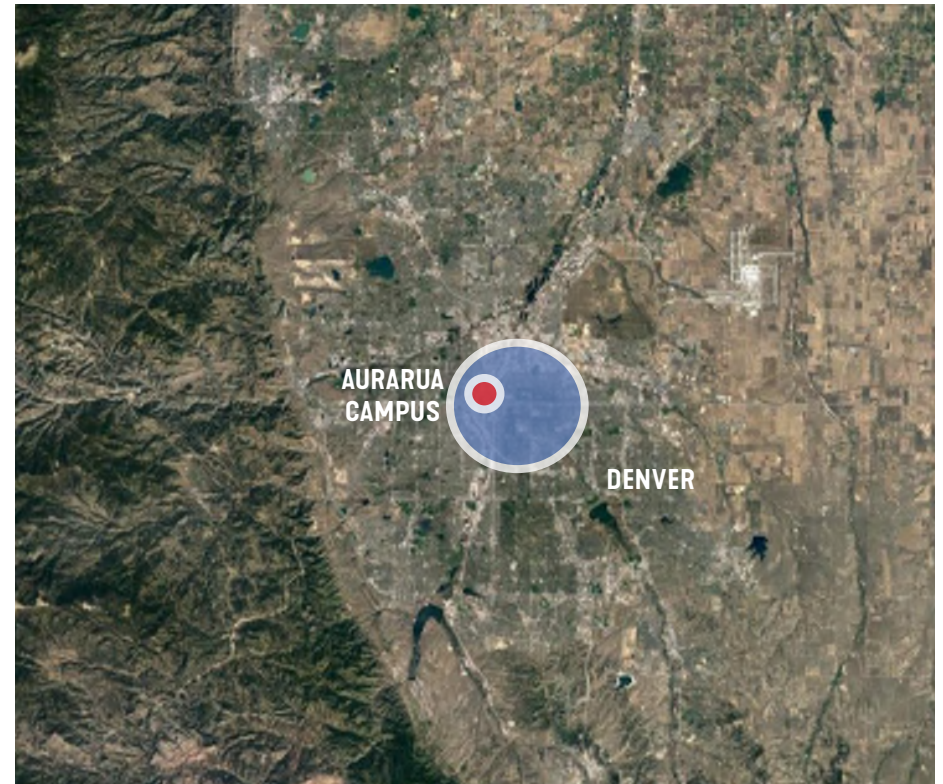
Location: CU Denver

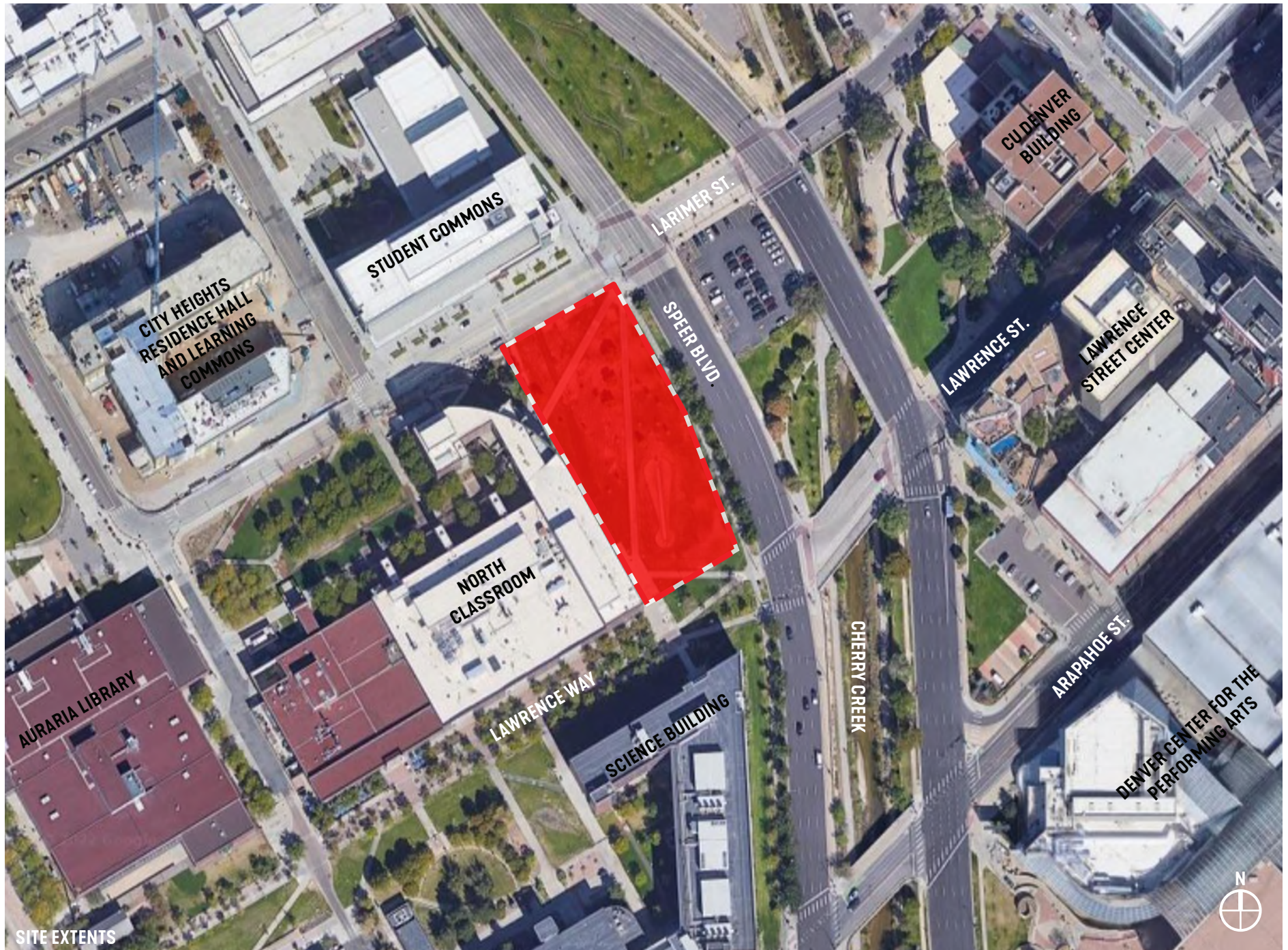
Program Validation Workshop 3 culminated with a final space list as well as the 'Perfect Diagram' exercise that allowed stakeholders to discuss critical adjacencies and functional relationships of the program in an interactive and open forum of ideas.



PROJECT SITE CONTEXT

The site is located on the Auraria Campus adjacent to the Downtown Denver commercial core. The campus includes buildings on both sides of Speer Boulevard. The campus is surrounded by classroom buildings and open green spaces on the west and the historic lower downtown Denver on the East. The primary campus is bordered by Colfax Avenue, Speer Boulevard, I-25 and Auraria Parkway. Neighbors include the Denver Center for the Performing Arts, Ball Arena, Empower Field at Mile High and Larimer Square.





SITE EXTENTS

PROJECT SITE CONTEXT

STUDENT COMMONS + NORTH CLASSROOM



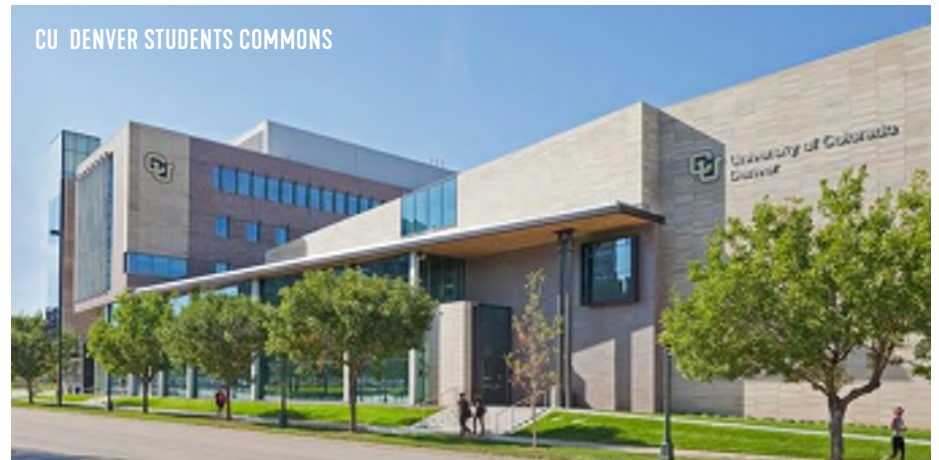
NORTH CLASSROOM



INTERSECTION AT LARIMER + SPEER



CU DENVER STUDENTS COMMONS



SCIENCE BUILDING



VIEW FROM 12TH AND LARIMER



LARIMER STREET EDGE OF TIVOLI QUAD



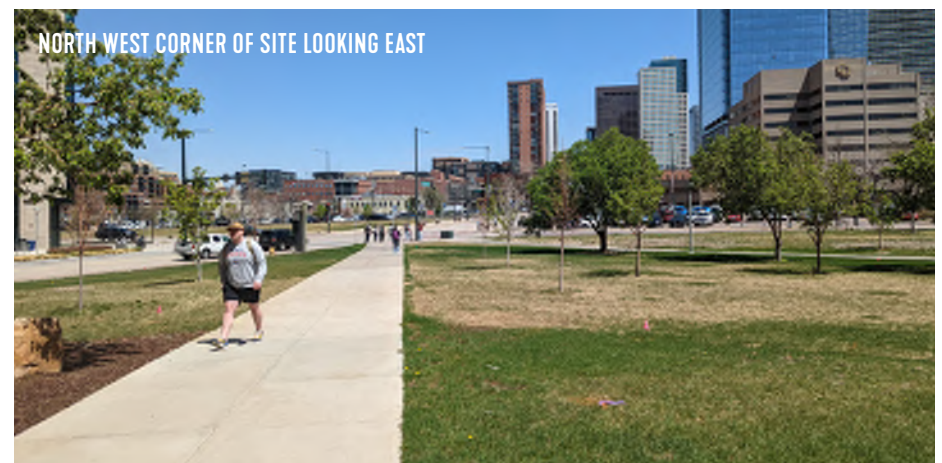
LOLA AND ROB SALAZAR STUDENT WELLNESS CENTER



PROJECT SITE EXISTING CONDITIONS

SITE AERIAL VIEW

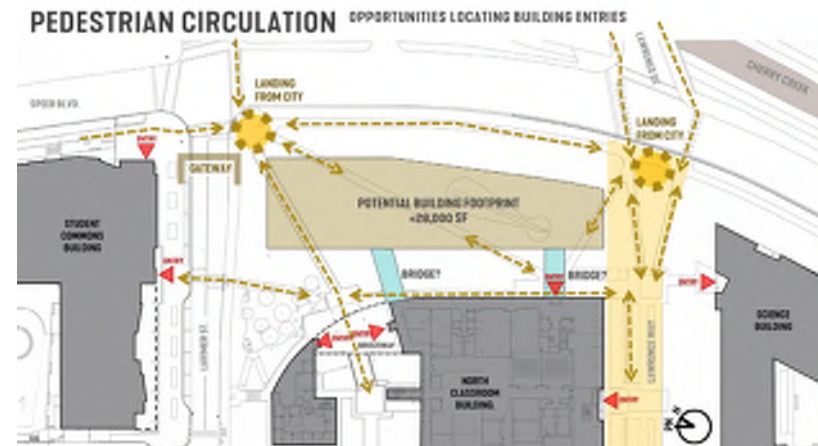
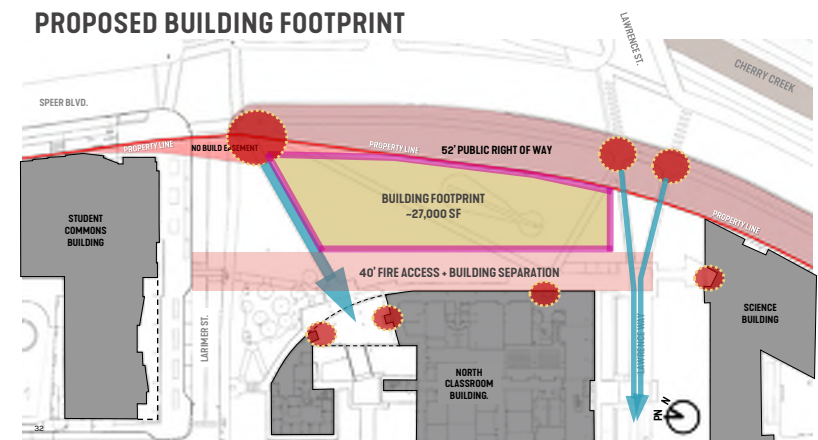
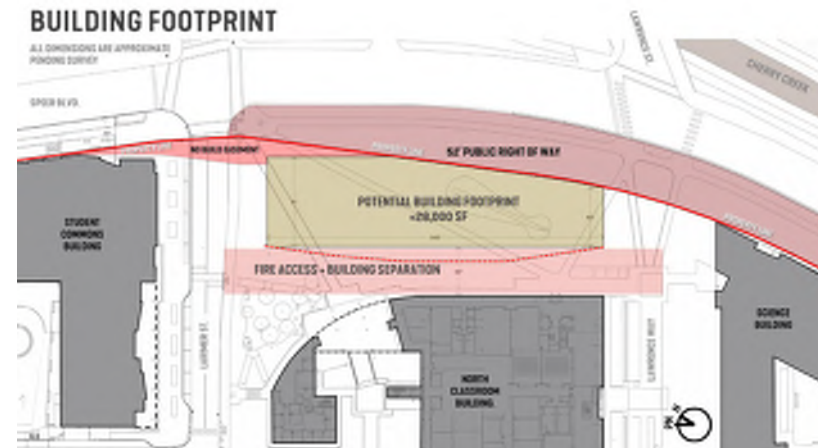




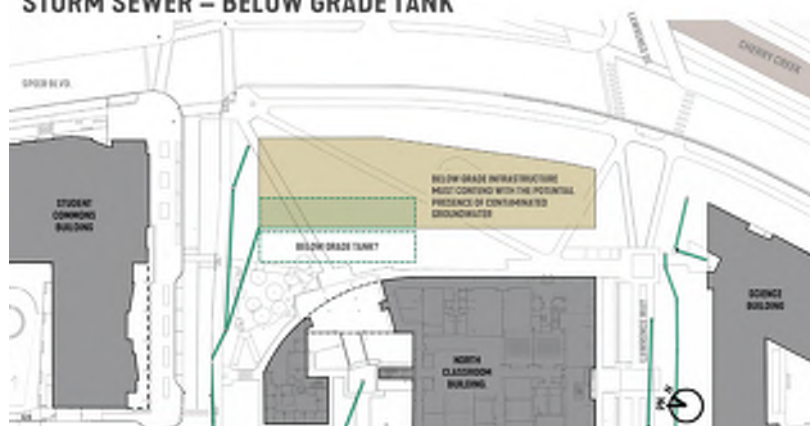
PRELIMINARY SITE ANALYSIS

KEY DECISIONS:

- Activate all four sides of the site
- Optimize buried detention footprint
- Align facades of adjacent buildings
- Connect buildings across alley
- Do not overhang city R.O.W.
- Tailor outdoor spaces to urban context
- Prioritize pedestrian campus experience
- Minimal trash/fire traffic into alley
- Use surface detention as amenity

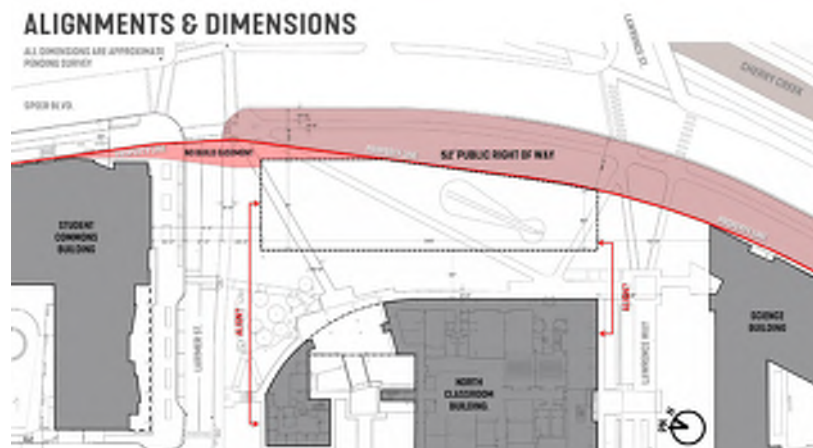


STORM SEWER – BELOW GRADE TANK

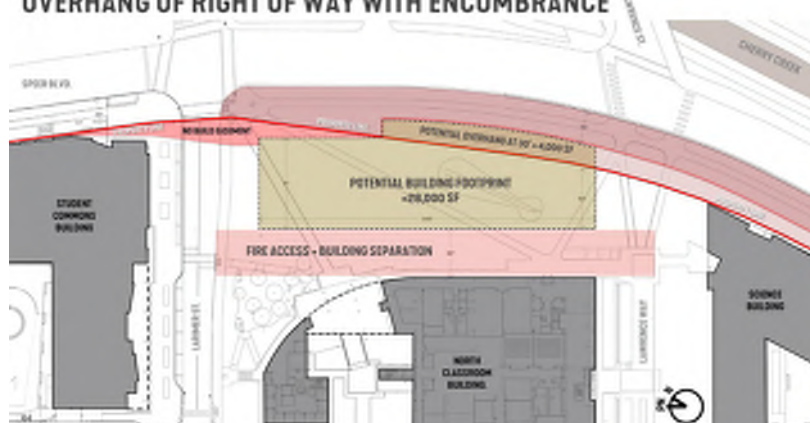


ALIGNMENTS & DIMENSIONS

ALL DIMENSIONS ARE APPROXIMATE
PENDING SURVEY

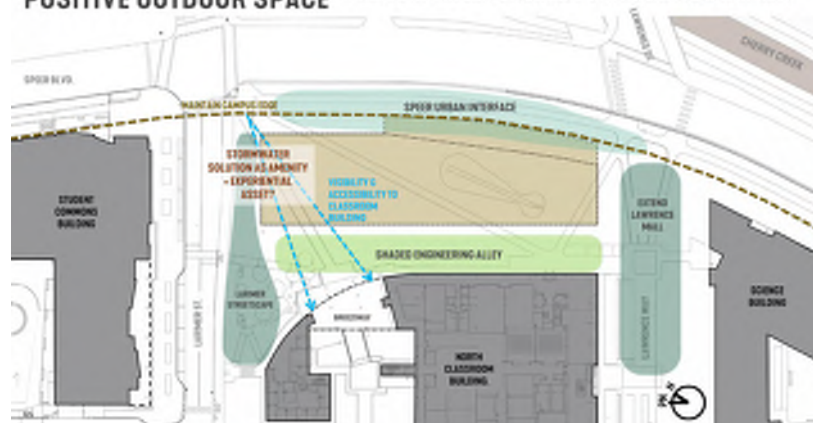


OVERHANG OF RIGHT OF WAY WITH ENCUMBRANCE

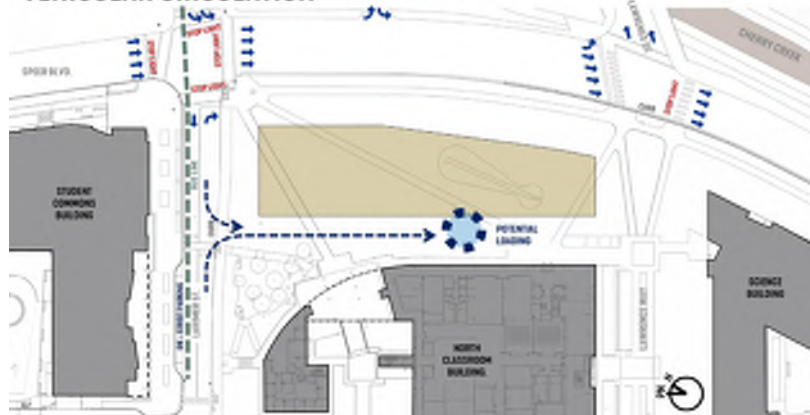


POSITIVE OUTDOOR SPACE

THE BUILDING WILL ACTIVATE ADJACENT STREETS AND PEDESTRIAN AREAS



VEHICULAR CIRCULATION OPPORTUNITIES LOCATING LOADING

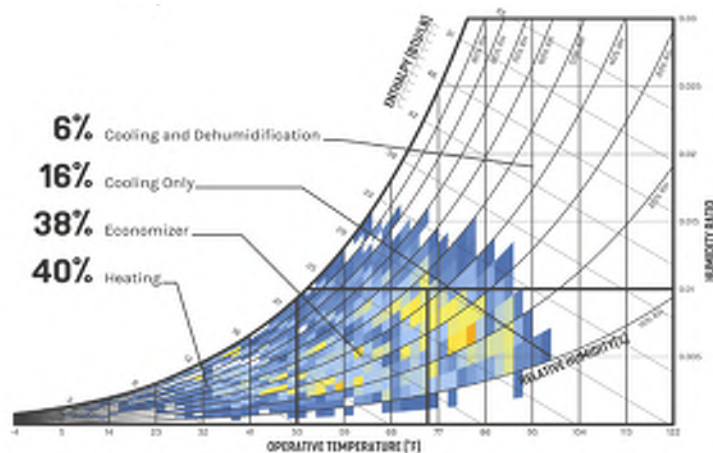


STORM SEWER – ON GRADE DETENTION BASIN

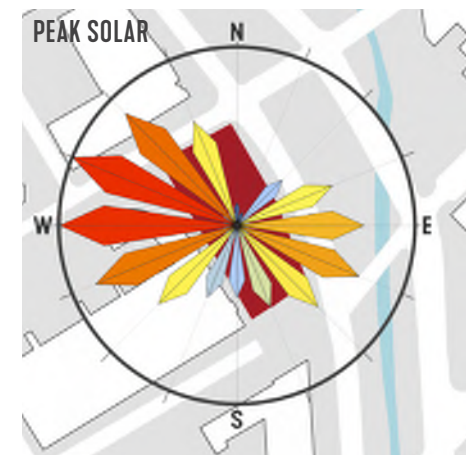
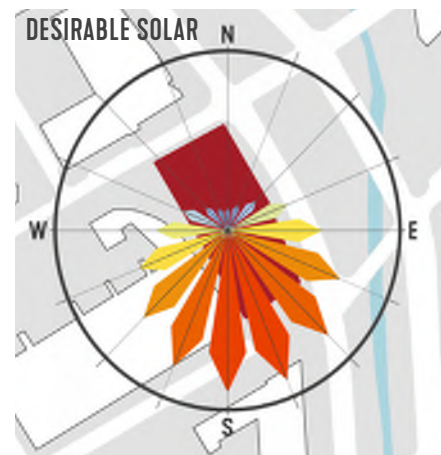
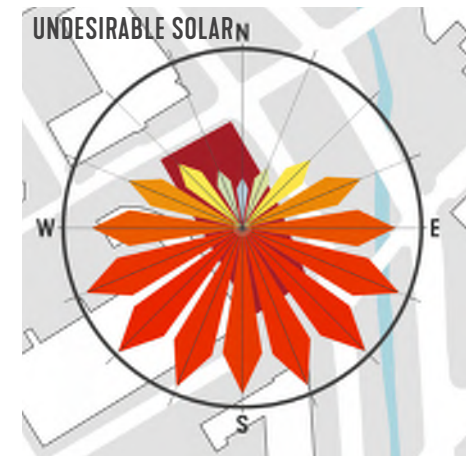
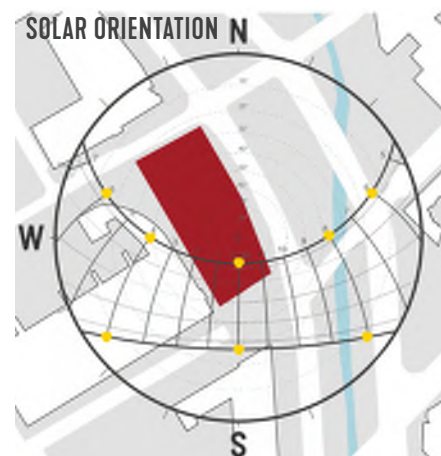


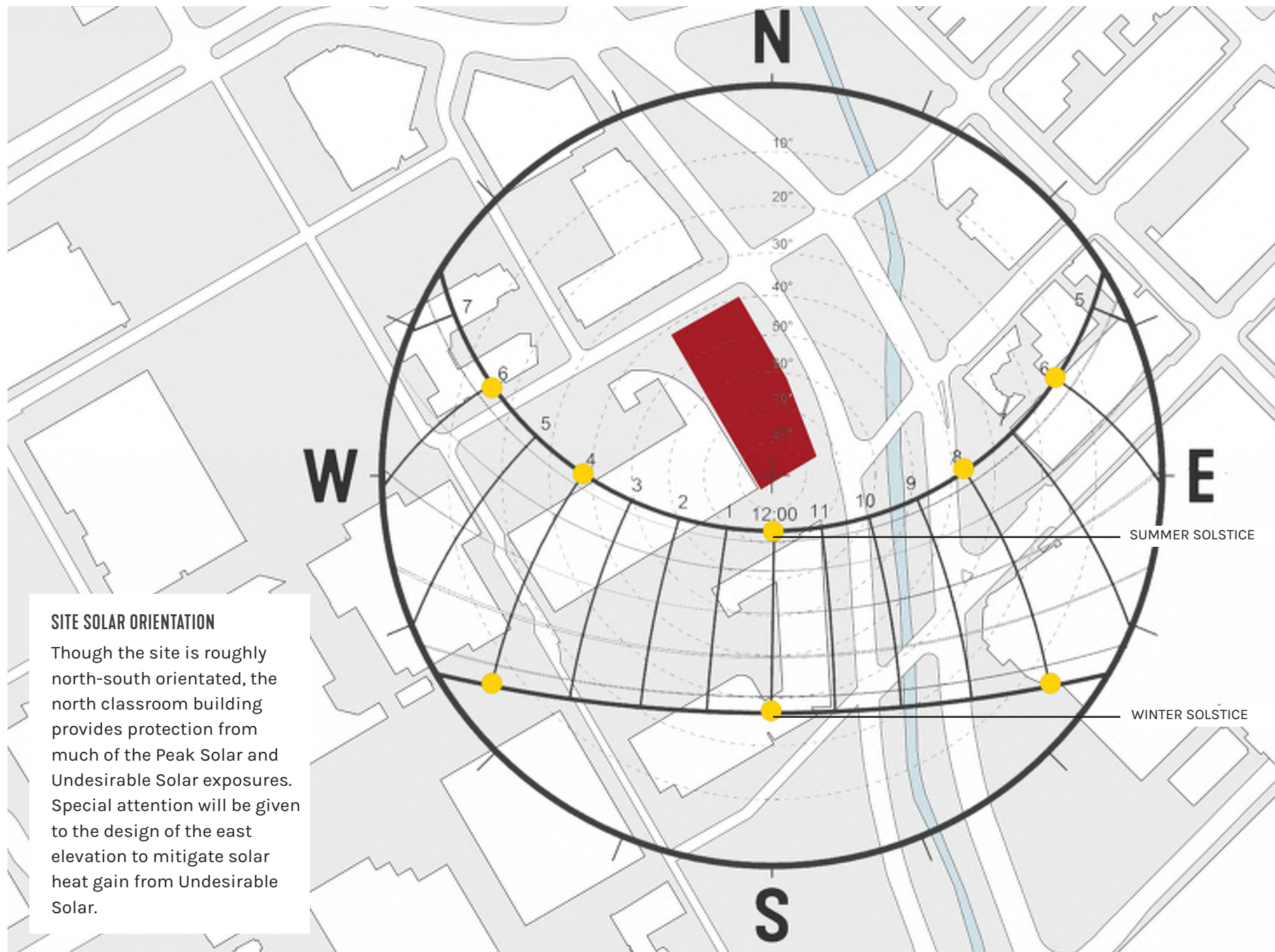
SITE ANALYSIS: CLIMATE

PREDICTED HVAC OPERATING MODE



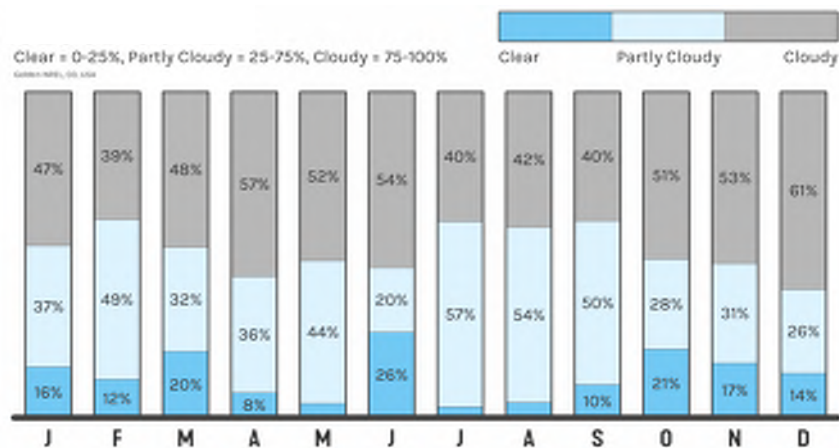
The annual solar diagram represents 100% of sun-up hours with a range from 0 - 1216 kWh/m². Desirable solar is 38% of sun-up hours ranging primarily from 0 - 45° East of South. The peak solar represents the top 4% hottest hours coming from the west in the late afternoon.



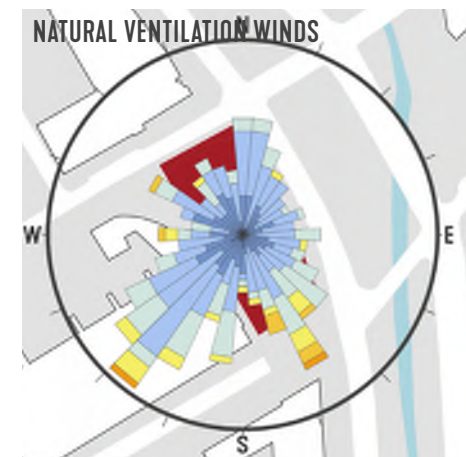
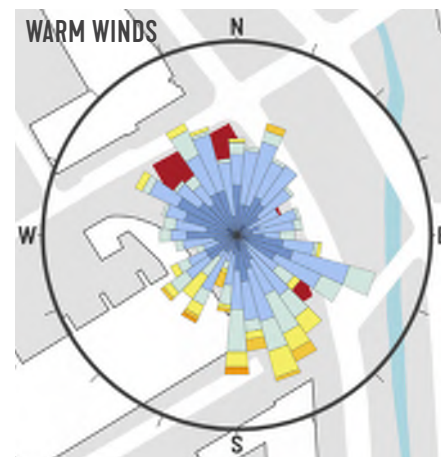
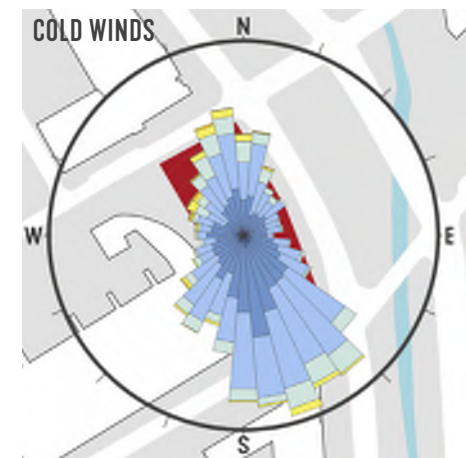
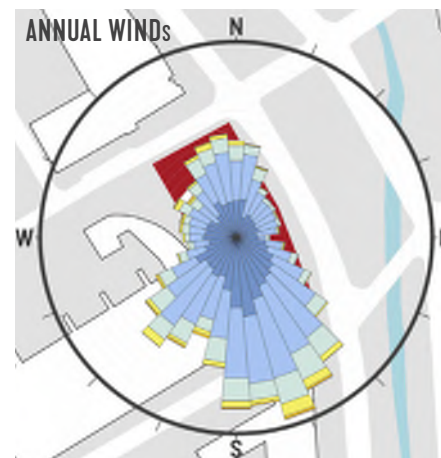


SITE ANALYSIS: CLIMATE

ANNUAL CLOUD COVER



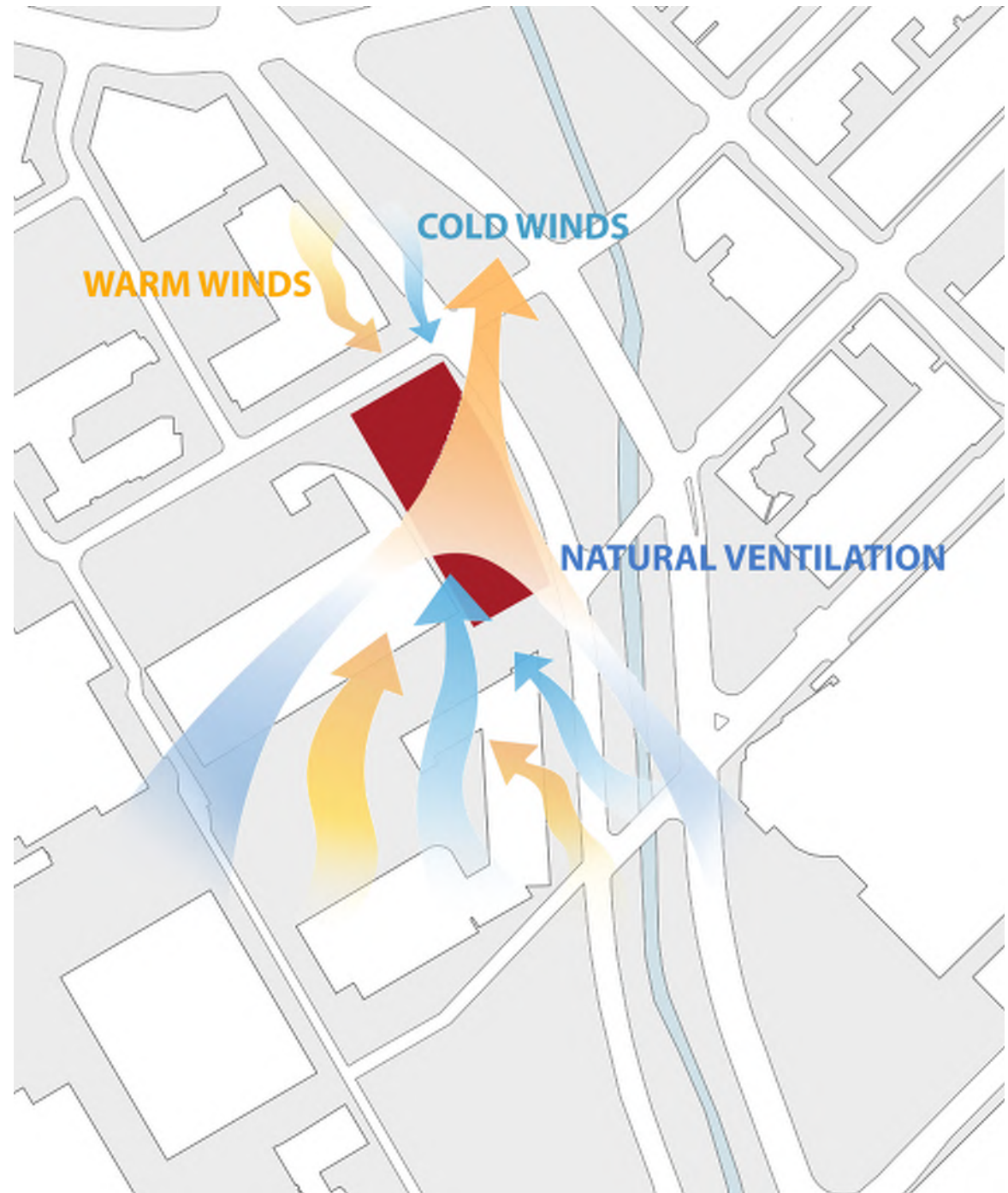
The annual wind rose represents 94% of annual hours with a velocity greater than 1 m/s. Approximately 15% of annual winds come primarily from the south, with a velocity range from 0 - 10.5 m/s. Cold winds represent 46% of annual winds, and come primarily from the south. Warm winds represent 10% of annual winds, and range from southeast to south. The best winds to use for natural ventilation come from south to southwest.



WIND SUMMARY

Cold winds represent the majority of annual winds and come primarily from the south. The clustered building masses around the site will provide mutual wind protection and create habitable outdoor space. Building entrances ideally want to be located away from southern wind exposure and protected where this is unavoidable.

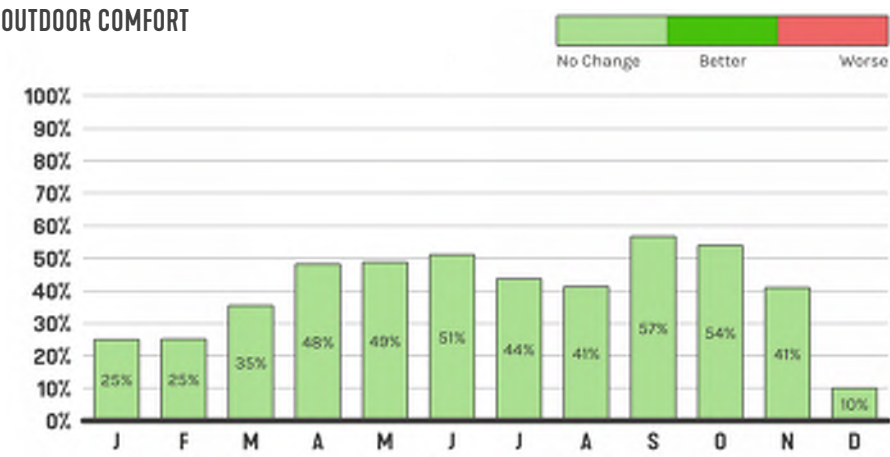
Natural ventilation can potentially be used during the summer with winds from the south and southeast. Minimize operable openings on the south due to cold winds in the winter.



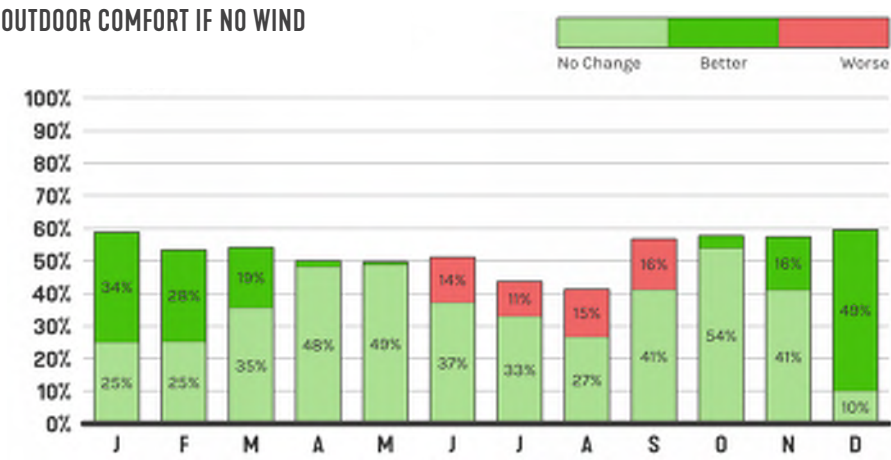
SITE ANALYSIS: CLIMATE

Denver’s monthly average comfortable daytime hours with sun and wind is 40%. The percentage of daytime hours can be increased or decreased based on the physical intervention across the site. The Science and North Classroom buildings already provide a wind block to the south and southwest.

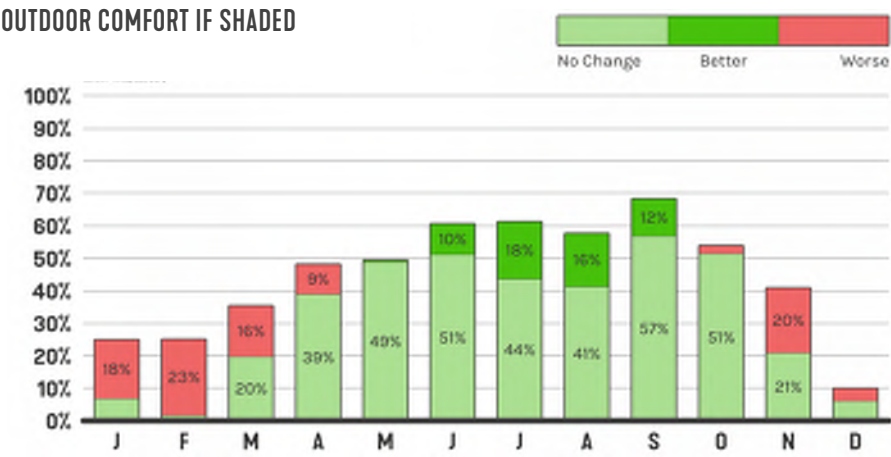
OUTDOOR COMFORT



OUTDOOR COMFORT IF NO WIND



OUTDOOR COMFORT IF SHADED

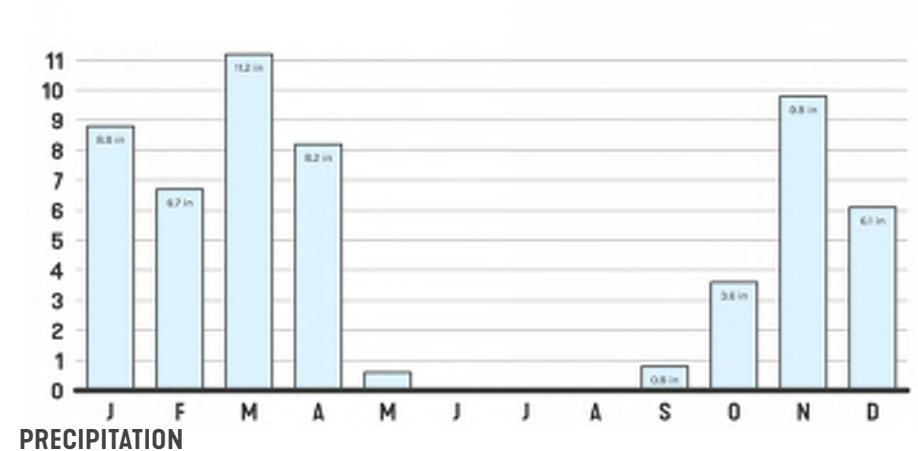


PRECIPITATION SUMMARY

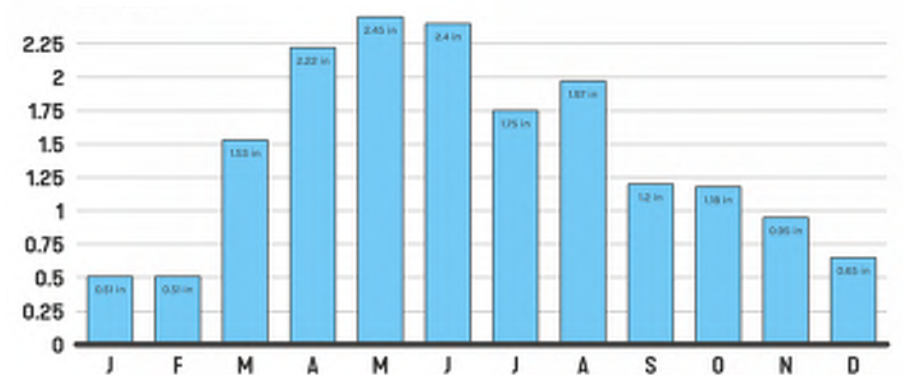
The four snowiest months in decreasing order are March, November, January, and April, during which they average 9.5" of snowfall. The four months with the most precipitation are May, June, April, and August. In descending order, they average 2.26" of precipitation.

Snow loading and rainwater considerations will need to be taken into account in the building and site design.

SNOWFALL



PRECIPITATION

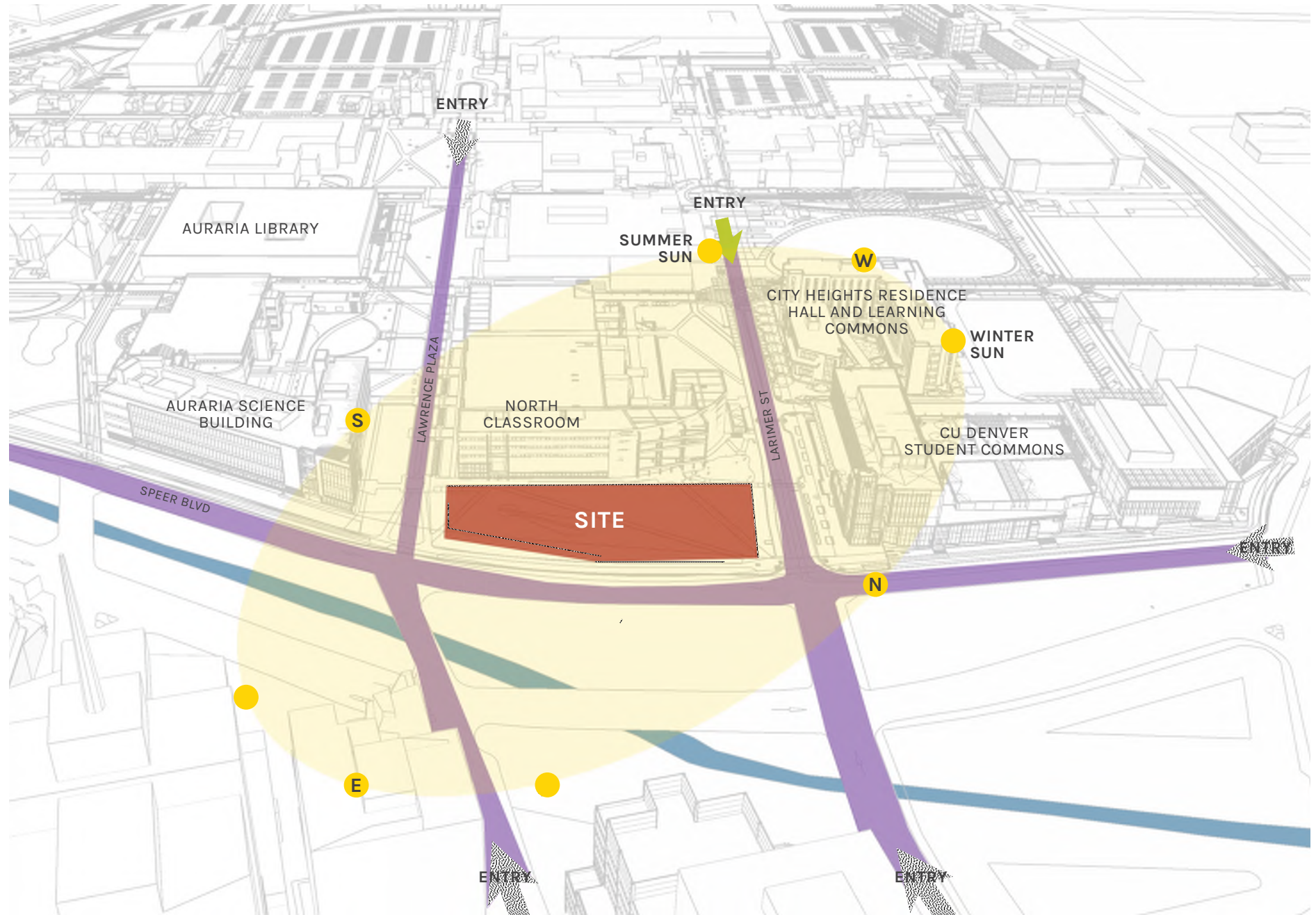


SITE ANALYSIS: VIEWS

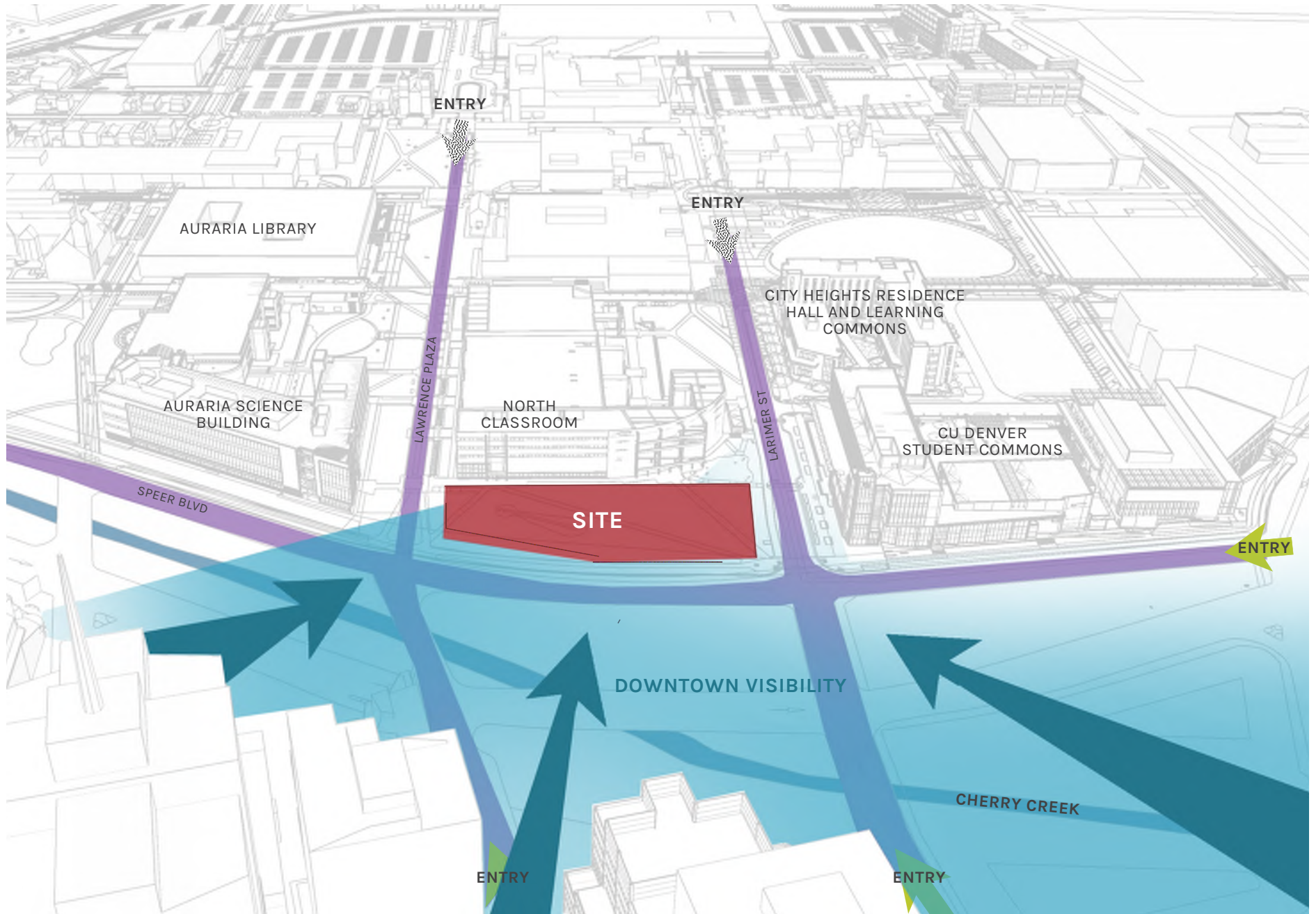
AHEC has several access points all across the campus. Specific to the site, there are vehicular entry points traveling east on Larimer and another going South on Speer. There is pedestrian access along Lawrence Plaza and Larimer Street. The site's solar orientation is biased 300 east of due south and has high visibility from Speer. The site also has riverfront prominence along Cherry Creek, which borders the site to the east.

Primary view sheds on the site are east towards down town Denver.

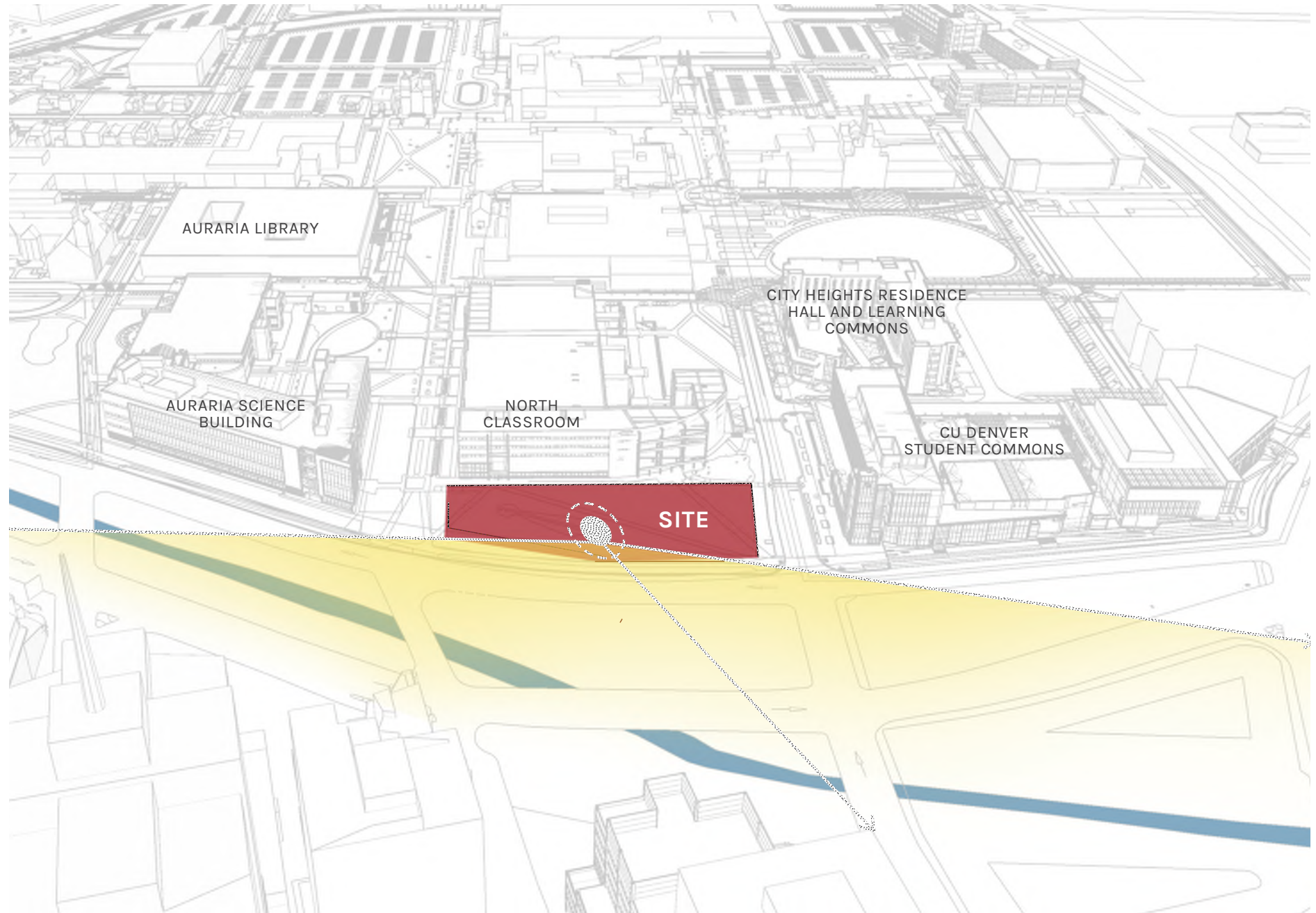
SOLAR ORIENTATION AND SITE ACCESS



SITE VISIBILITY

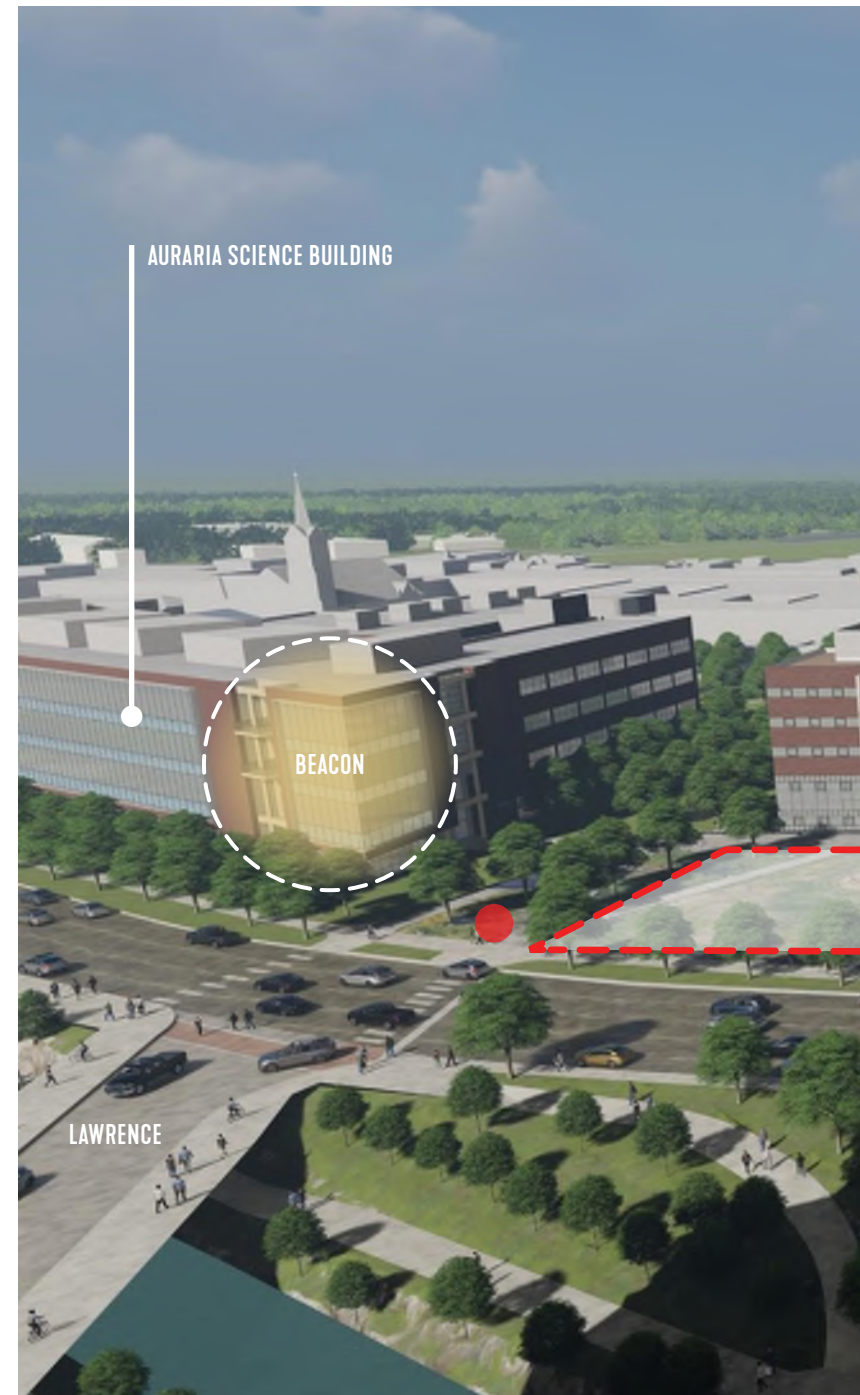


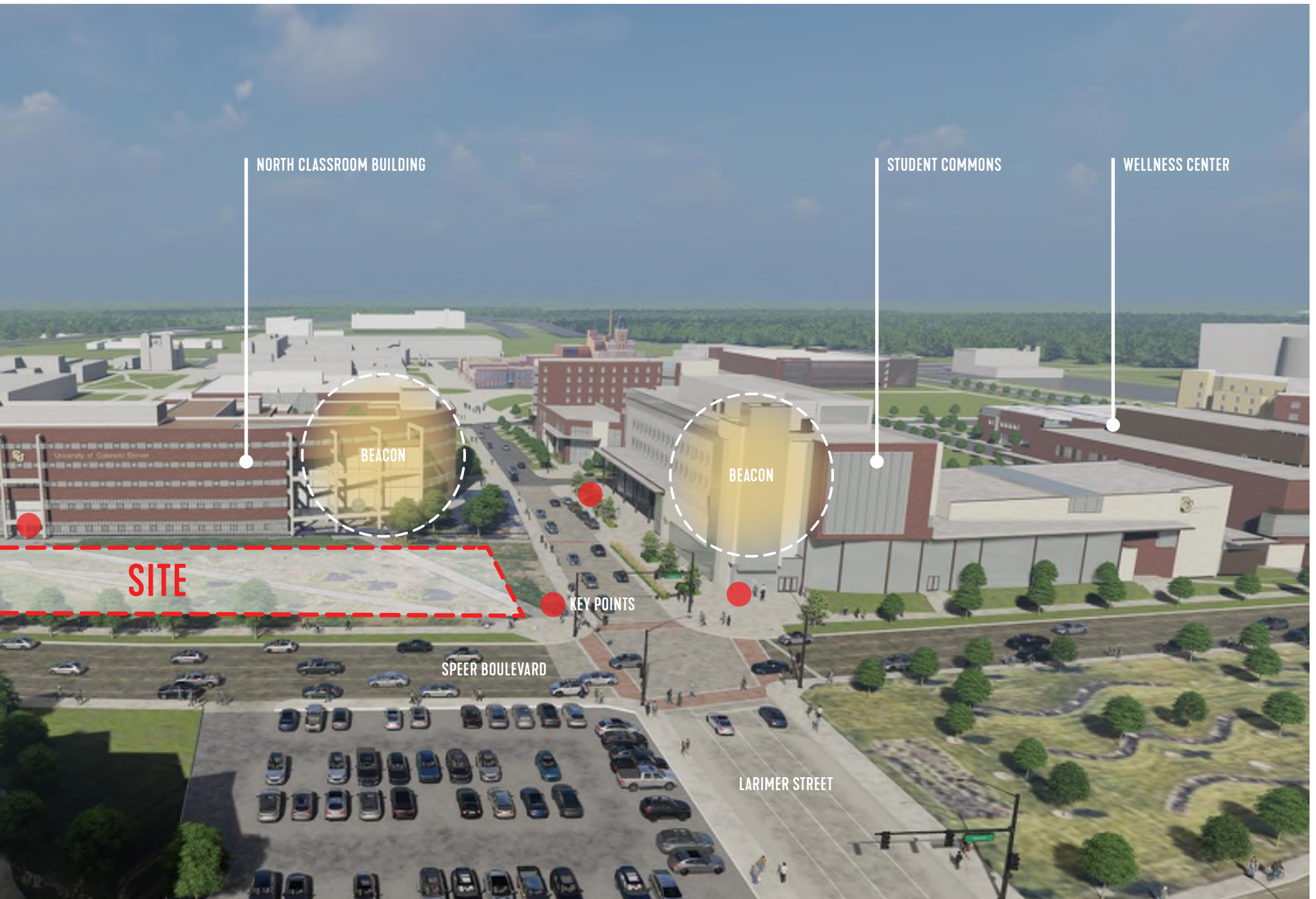
SITE VIEW SHEDS

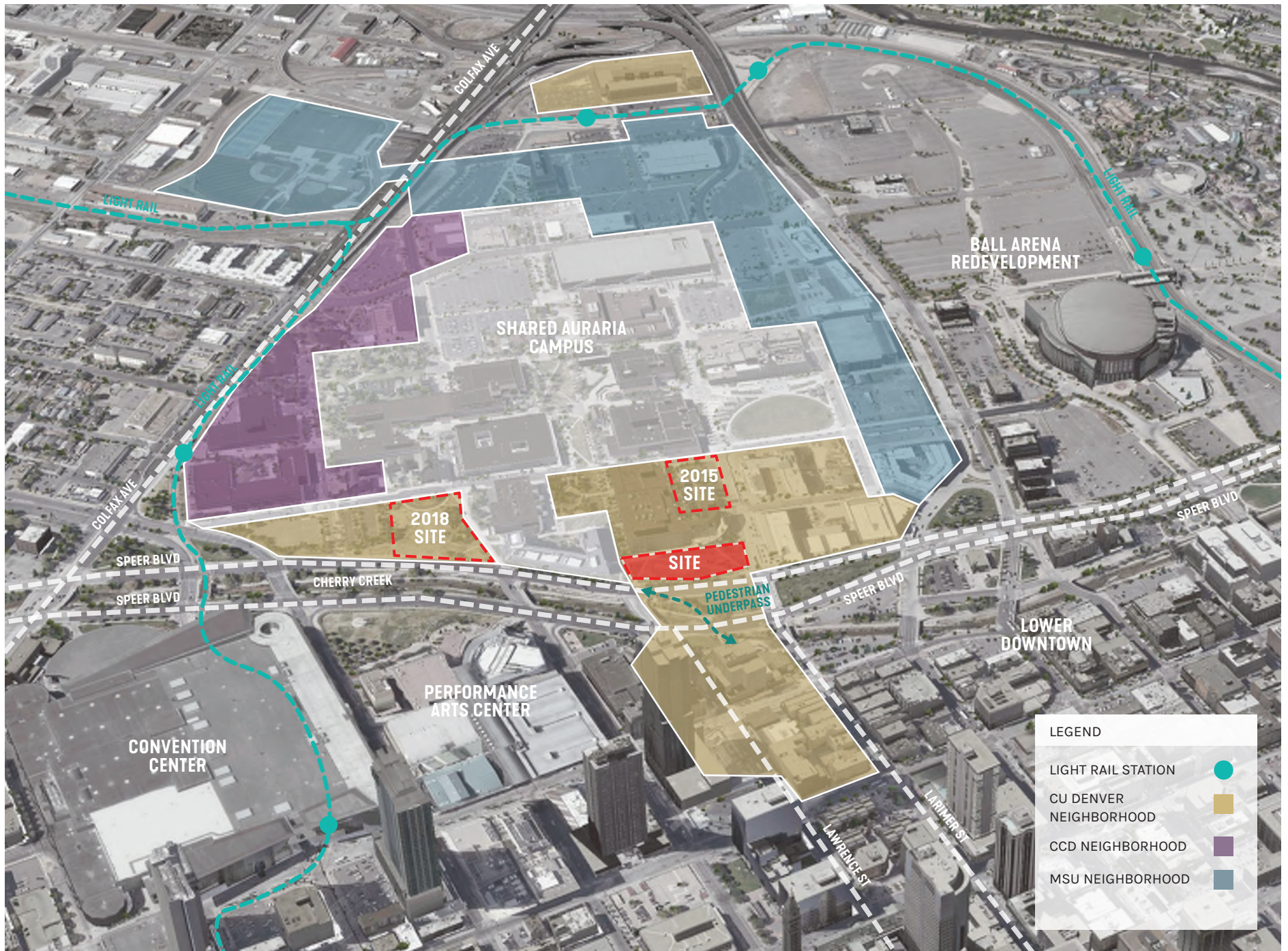


SITE ANALYSIS: OPPORTUNITIES

With the campus including buildings on both sides of Speer Boulevard, students have access to the open green space on the west and the vibrant lower downtown Denver on the east. The site is adjacent to the Student Commons Building on the North which is central to the student community. Access along Lawrence Plaza and Larimer Street will be key points for site opportunities.







AURARIA HIGHER EDUCATION CENTER MASTER PLAN OVERVIEW

The Auraria Higher Education Center (AHEC) Campus represents a unique higher education community in the dynamic downtown urban environment of Denver, Colorado. The 150-acre campus is home to three distinct public institutions of higher learning:

- Community College of Denver
- Metropolitan State University of Denver
- University of Colorado Denver

The AHEC Campus provides an effective, efficient, and supportive environment to students, which facilitates the missions of the three institutions. The 2007 AHEC Campus Master Plan introduced institutional neighborhoods and developed a central core with shared facilities built upon specific disciplines, such as the sciences, performing arts, visual arts, library, and common student union.

AHEC defines and manages the elements of this unique community, establishing the primary principles and guidelines to create a unified environment that recognizes the distinctive opportunities that each institution brings to Denver and to Colorado. The principles of the Master Plan embody an urban, rather than suburban, perspective and serve to utilize land resources to the best potential. All building footprints are to be maximized, with growth occurring in a vertical fashion. This includes building to the edges of the campus property to weave seamlessly into the fabric of the surrounding urban environment.

In addition to the AHEC Campus Master Plans, other standard guiding documents include but are not limited to the following:

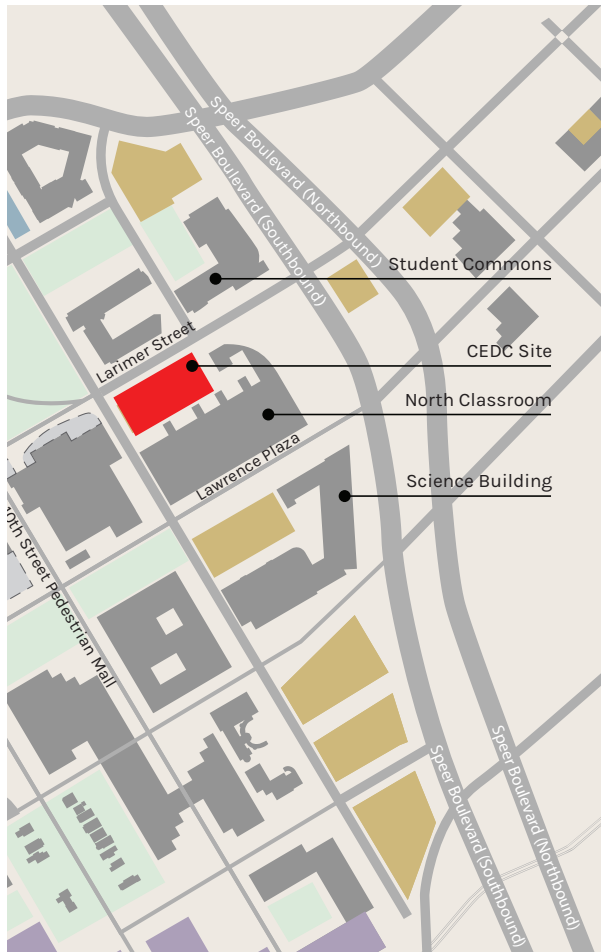
- University of Colorado Denver Campus Standard Specifications
- University of Colorado Denver Guidelines and Standards for Design and Construction Projects
- 2009 Auraria Campus Design Guidelines

* Refer to Program Document Volume II - Appendix for additional information. CU Denver and AHEC design guidelines and standards will be followed per the process outlined in the standard documents.

PROJECT HISTORY: SITE SELECTION

In the 2007 Auraria Campus Master Plan, the concept of institutional neighborhoods was introduced. A notable change came with the 2012 Auraria Campus Master Plan, which proposed a Humanities Hub of the interdisciplinary spaces. The 2012 Master Plan further embraced the institutional neighborhoods, expanding them along the primary roadways and connectivity into Denver.

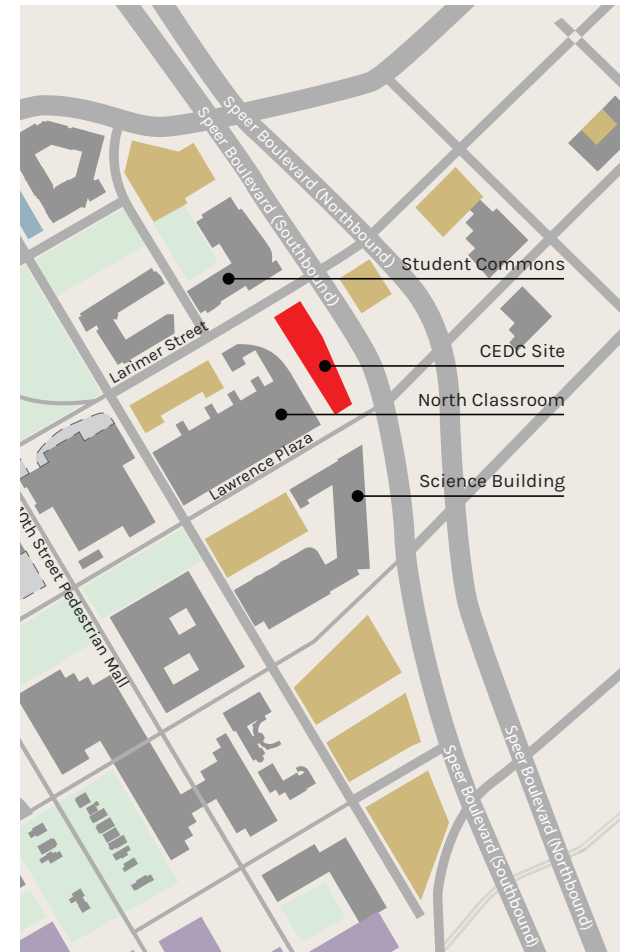
The 2021 Auraria Campus Master Plan continues to serve as the primary basis for planning; however, the 2018 Program amendment proposed a new site south of the Auraria Science Building. In 2020 the program plan was amended a second time. The 2020 amendment proposed a new site between North Classroom and Speer Boulevard, emphasizing design studios, maker spaces, computer classes, and collaboration spaces.



2015 SITE SELECTION



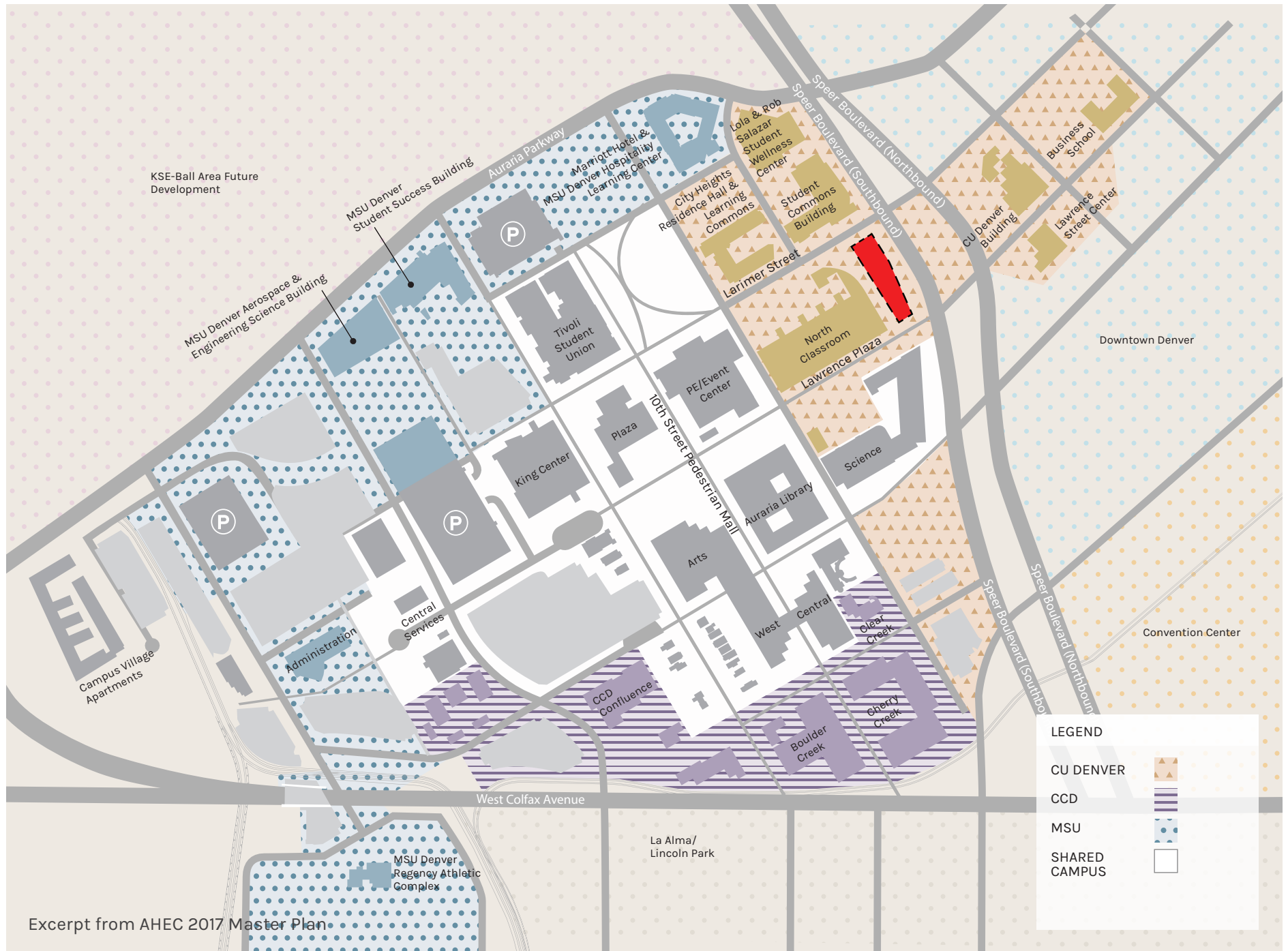
2018 SITE SELECTION



2021 SITE SELECTION

ACADEMIC NEIGHBORHOODS

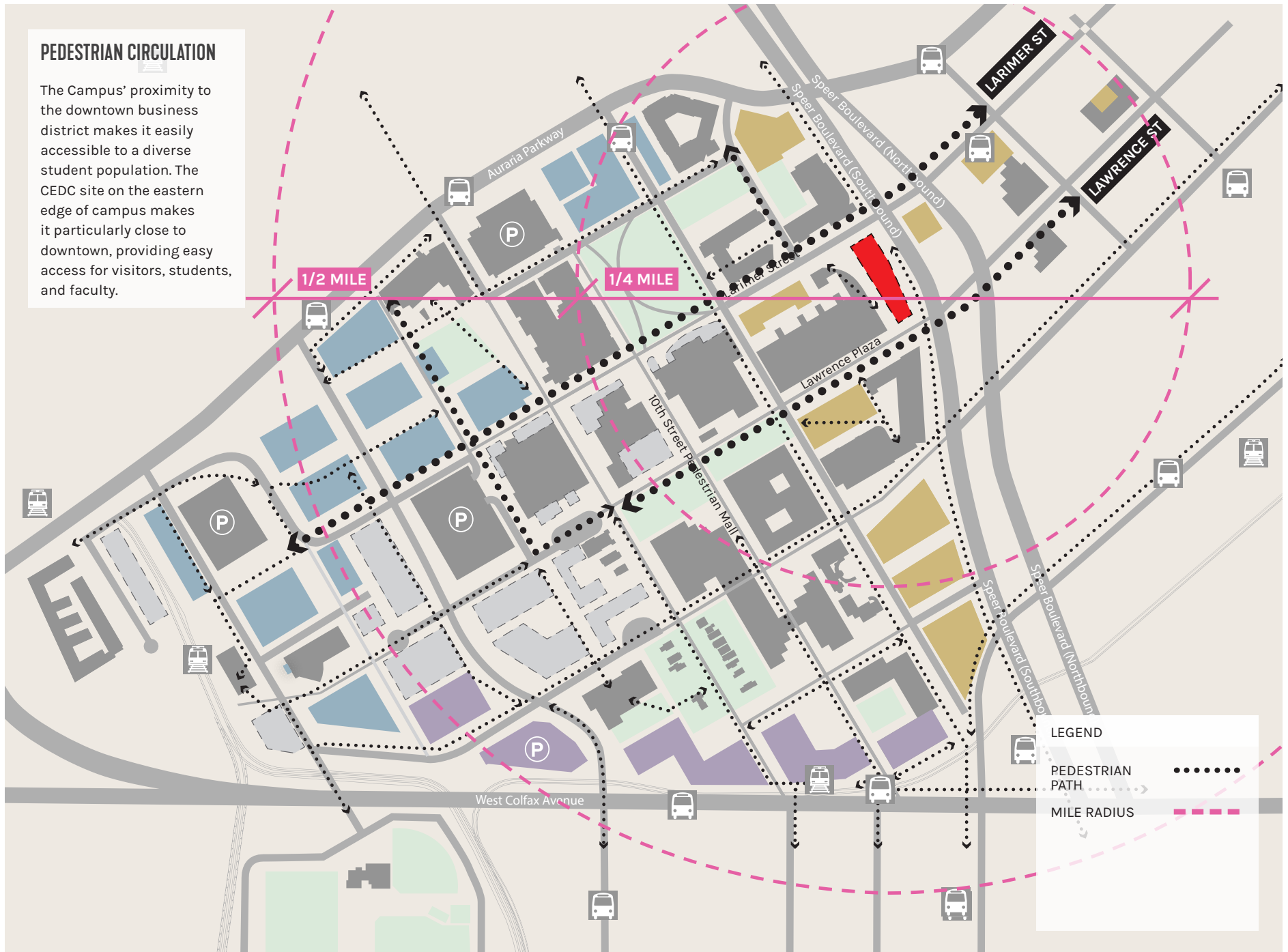
The three institutions have worked in concert to develop institutional neighborhoods that accommodate future growth and have built buildings that are unique to each institution but complementary to the campus as a whole. CEDC will continue this legacy and blend seamlessly with the adjacent buildings in CU Denver's neighborhood while complementing the overall campus framework.



Excerpt from AHEC 2017 Master Plan

PEDESTRIAN CIRCULATION

The Campus' proximity to the downtown business district makes it easily accessible to a diverse student population. The CEDC site on the eastern edge of campus makes it particularly close to downtown, providing easy access for visitors, students, and faculty.



BIKE CIRCULATION

Campus bike lanes, trails, and sidewalks integrate with the city's bike circulation network to connect students and faculty to downtown for work, housing, and amenities. CEDC will incorporate bike parking and shower facilities.



Excerpt from AHEC 2017 Master Plan

LEGEND

- PROPOSED BIKE LANE ---
- PROPOSED SHARED BIKE LANE ---
- ON SIDEWALK ROUTE ...
- EXISTING BIKE LANE —
- EXISTING SHARED BIKE LANE —
- CHERRY CREEK TRAIL —
- DISMOUNT ZONE

TRANSIT

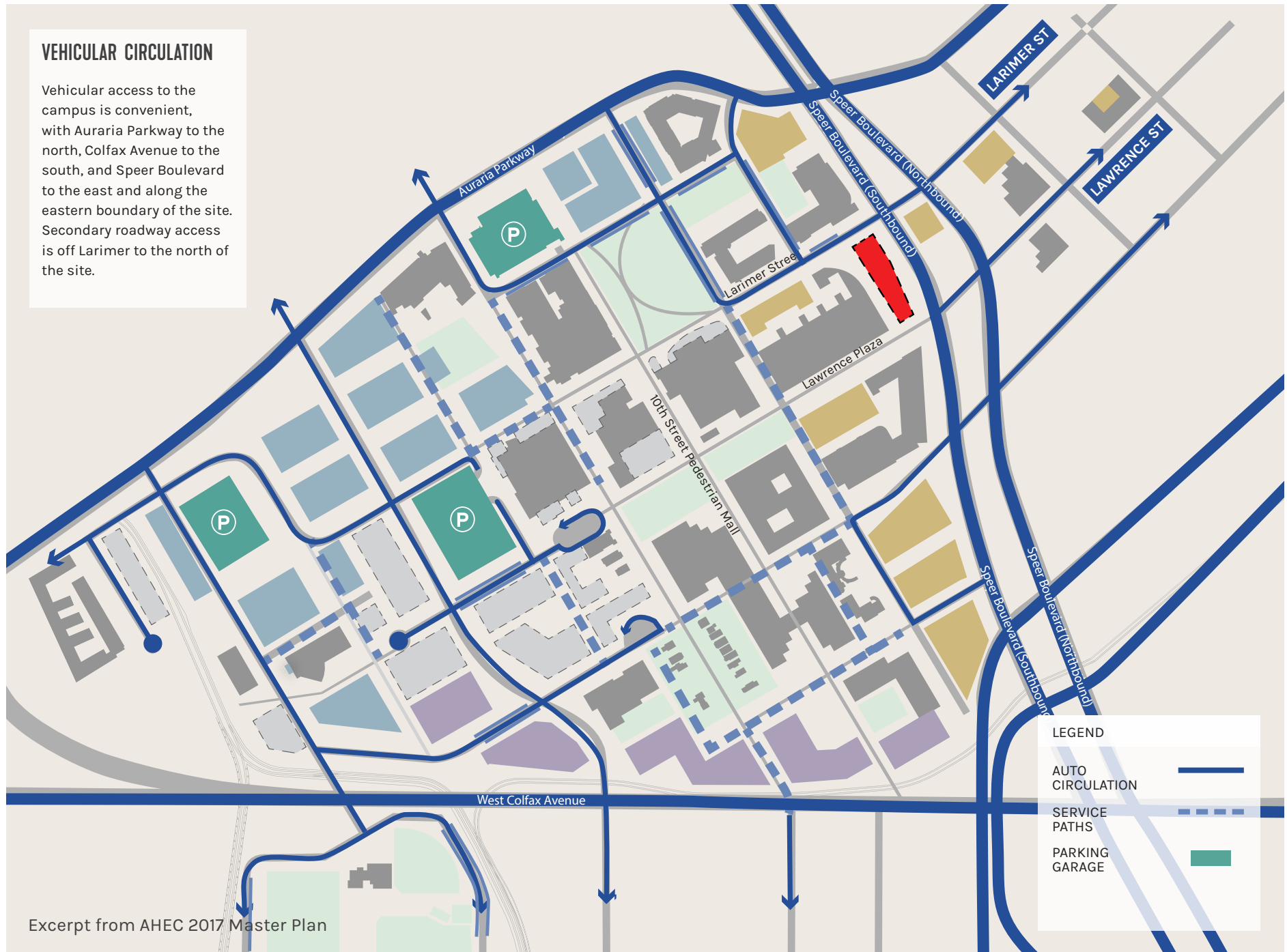
An existing RTD bus line passes the site to the north along Larimer St. The site design of CEDC will engage with the new bus stop to the west of the site providing and welcoming arrival to the site for commuters. The 2020 Denver Moves: Downtown plan proposed a transit shuttle that would also run adjacent to the site.



Excerpt from AHEC 2017 Master Plan

VEHICULAR CIRCULATION

Vehicular access to the campus is convenient, with Auraria Parkway to the north, Colfax Avenue to the south, and Speer Boulevard to the east and along the eastern boundary of the site. Secondary roadway access is off Larimer to the north of the site.



Excerpt from AHEC 2017 Master Plan

REIMAGINING ENGINEERING

The CEDC building will house program from several existing buildings on campus, re-imagining where engineering lives on campus. CEDC is currently spread among seven buildings with multiple landlords across the Denver Downtown Campus.

The 2020 plan creates an engineering hub, consolidates engineering into two buildings vs. seven, allows growth, provides greater connection across campus programs, and vacates more space for the growth of other colleges/schools.

CURRENT STATUS (APRIL 2020) OCCUPIED SPACES		ASF
NORTH CLASSROOM		44,992
LAWRENCE STREET CENTER 8TH FLOOR		8,803
5TH STREET HUB		7,550
BOULDER CREEK		7,7526
CU BUILDING (INWORKS)		5,000
ADMIN BUILDING		1,832
ST. CAJETANS		1,131
OCCUPIED SPACES		76,864





PROGRAM OVERVIEW: PROGRAM HISTORY

After reviewing the CU Denver CEDC 2021 Program Plan amendment, the initial full program and scope of the project was roughly 104,000 GSF. After reviewing the initial program, the cost estimation exceeded the initial budget. In order to align the cost estimation and budget, the program and scope had to be reduced. After detail discussions related to the Program reduction, the project scope has been reduced to roughly 72,000 GSF.

PREVIOUS PROGRAM OVERVIEW

CU DENVER CEDC				
Facility Summary	Staff	Grossing	Total NASF	Total GSF
College of Engineering, Design, and Computing	82	60%	60,326	100,544
CEDC North Classroom RENO	0	100%	14,800	14,800
Facility TOTAL	82	65%	75,126	115,344

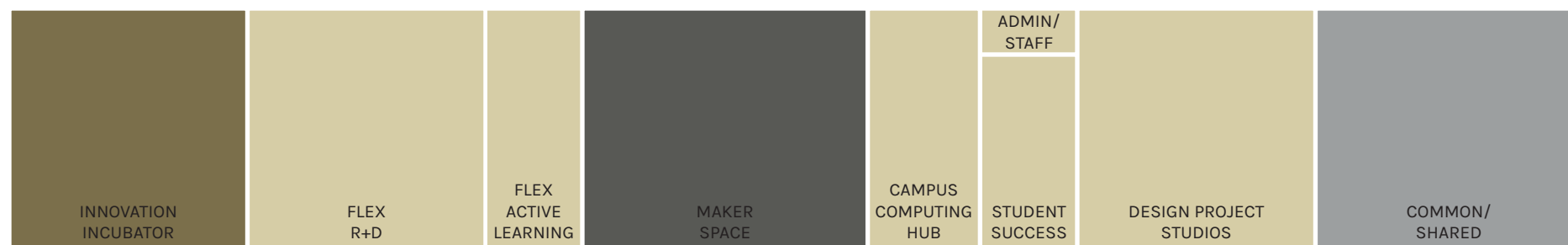
CURRENT PROGRAM OVERVIEW

CU DENVER CEDC

Facility Summary	Staff	Grossing	Total NASF	Total GSF
College of Engineering, Design, and Computing	40	60%	39,729	66,215
CEDC North Classroom RENO	0	100%	2,000	2,000
Facility TOTAL	40	61%	41,729	68,215

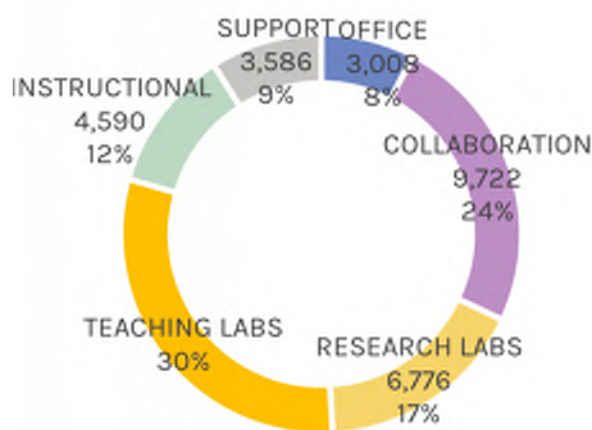
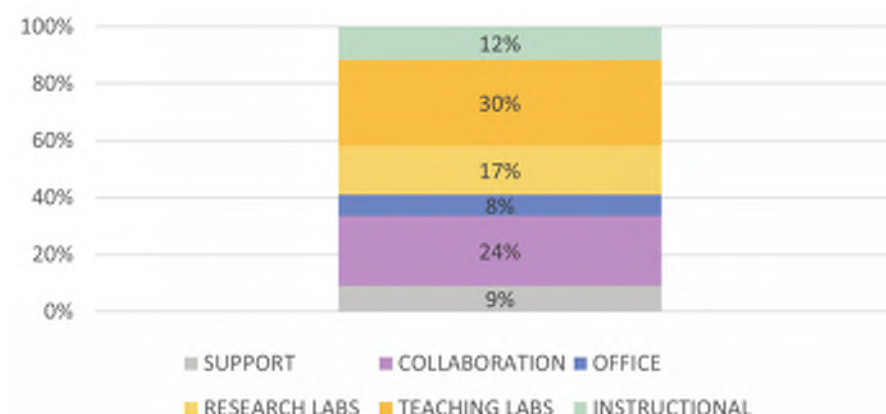
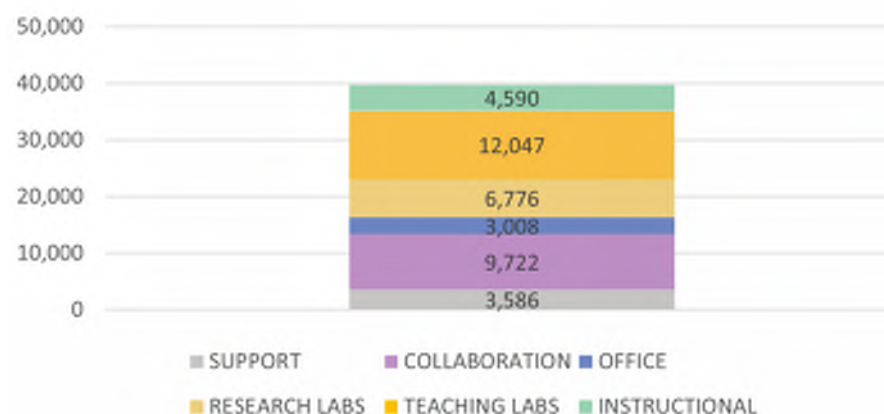
College of Engineering, Design, and Computing	Staff	Total NSF	Total NASF	Total GSF
INNOVATION/INCUBATOR	0	5,950	5,950	
FLEX R + D	21	5,904	6,078	
FLEX/ACTIVE TECH LEARNING	0	2,500	2,500	
MAKER SPACE	11	7,023	7,216	
CAMPUS COMPUTING HUB	0	2,662	2,662	
STUDENT SUCCESS	6	1,901	2,081	
ADMINISTRATION/STAFF OFFICES	2	390	507	
DESIGN/PROJECT STUDIOS	0	5,997	5,997	
COMMON/SHARED	0	6,708	6,738	
Sub-total NSF and NASF	40	39,035	39,729	
		Grossing at 60%		66,215
CEDC North Classroom RENO	Staff	Total NSF	Total NASF	Total GSF
NORTH CLASSROOM RENO	0	2,000	2,000	
Sub-total NSF and NASF	0	2,000	2,000	
		100%		2,000

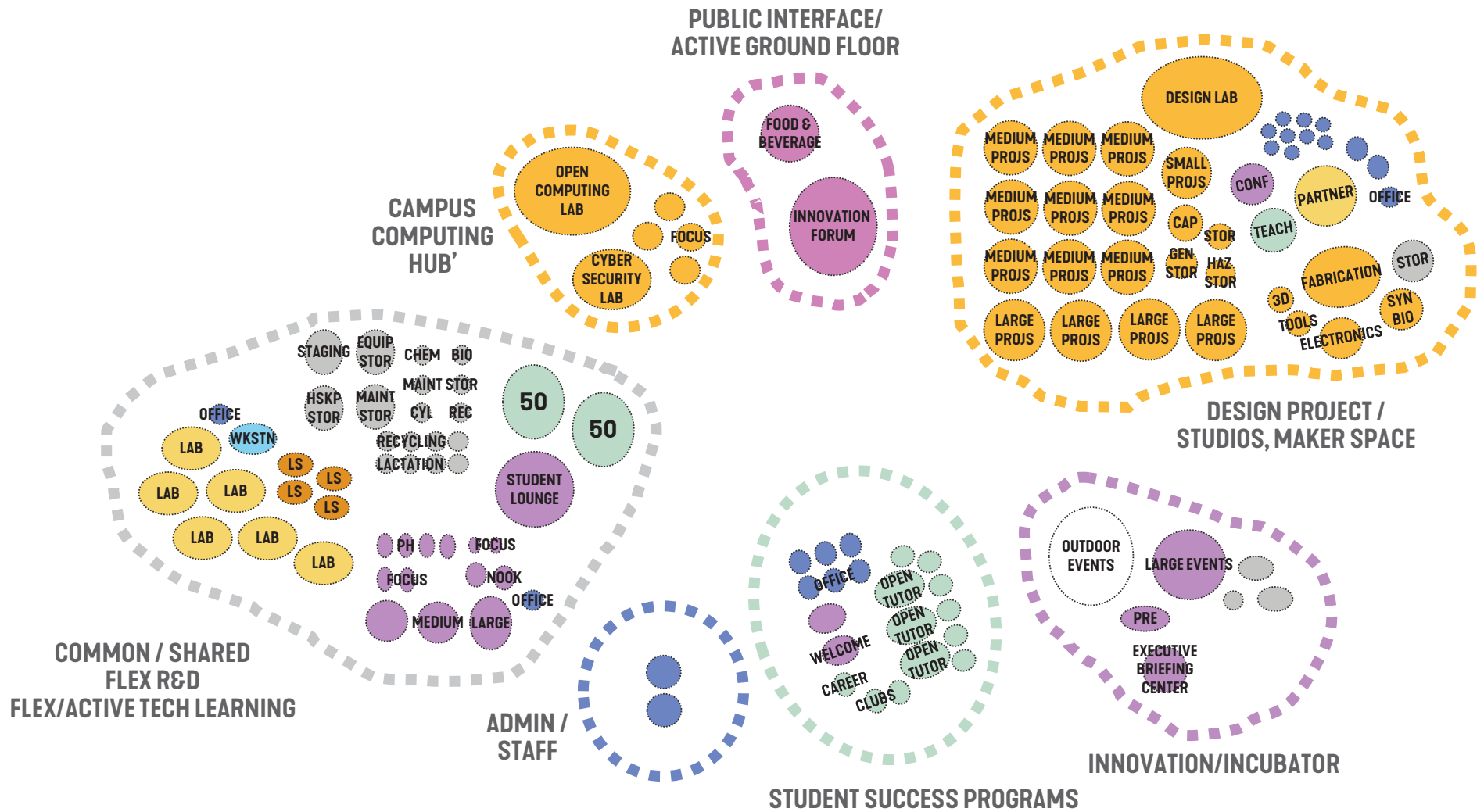
15%	INNOVATION/INCUBATOR	5,950
15%	FLEX R+ D	5,904
6%	FLEX/ACTIVE LEARNING	2,500
18%	MAKER SPACE	7,023
7%	CAMPUS COMPUTING HUB	2,662
5%	STUDENT SUCCESS	1,901
1%	ADMINISTRATION/STAFF OFFICES	390
15%	DESIGN/PROJECT STUDIOS	5,997
17%	COMMON/SHARED	6,708



	OFFICE 3,008	COLLABORATION 9,722	RESEARCH LABS 6,776	TEACHING LABS 12,047	INSTRUCTIONAL 4,590	SUPPORT 3,586
INNOVATION/INCUBATOR	0	5,500	0	0	0	450
FLEX R + D	754	0	5,324	0	0	0
FLEX/ACTIVE TECH LEARNING	0	0	0	0	2,500	0
MAKER SPACE	837	450	1,452	3,388	1,089	0
CAMPUS COMPUTING HUB	0	0	0	2,662	0	0
STUDENT SUCCESS	780	300	0	0	1,001	0
ADMINISTRATION/STAFF OFFICES	507	0	0	0	0	0
DESIGN/PROJECT STUDIOS	0	0	0	5,997	0	0
COMMON/SHARED	130	3,472	0	0	0	3,136

OFFICE	COLLABORATION	RESEARCH LABS	TEACHING LABS	INSTRUCTIONAL	SUPPORT
8%	24%	17%	30%	12%	9%





‘SQUINTY VIEW’

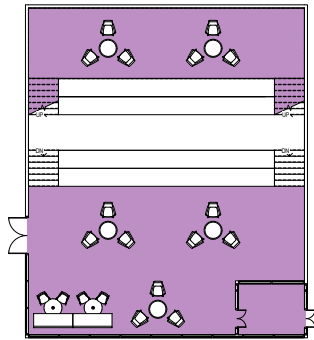
The ‘Squinty View’ is a quick glance overview of the entire program. It provides a macro picture of the number of rooms and volume of space in a graphic illustration.

The rooms are color coordinated by room type: blue for offices, light blue for open office workstations, purple for collaborative and interactive spaces, green for classrooms, gold for lab rooms, orange for lab support rooms, and gray for building support rooms.

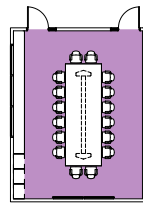
These programmatic pieces then become the building blocks for the subsequent ‘Perfect Diagram’ exercise, which associates desired adjacencies between rooms and the sequence of how they are arranged in circulating through the building.

'SQUINTY VIEW':

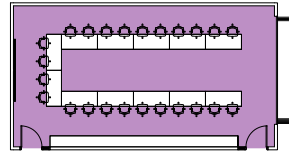
INNOVATION INCUBATOR



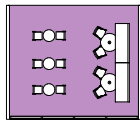
INNOVATION FORUM



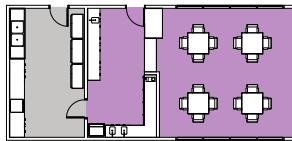
EXECUTIVE BRIEFING CENTER



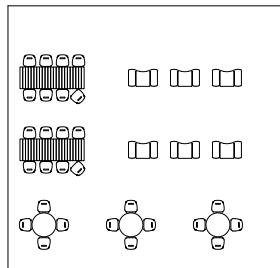
LARGE EVENTS



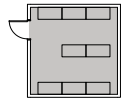
PREFUNCTION



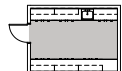
FOOD & BEVERAGE PROVIDER



OUTDOOR EVENT SPACE



FURNITURE STORAGE



WARMING KITCHEN

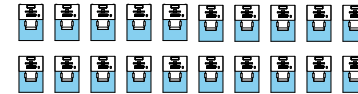


AV ROOM

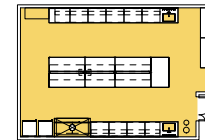
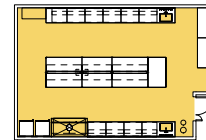
FLEX R+D



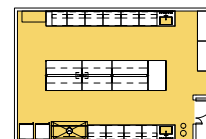
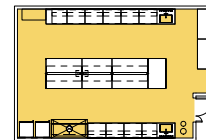
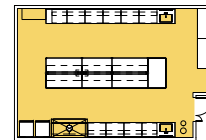
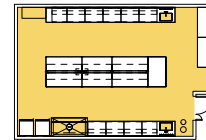
RESEARCH OFFICE



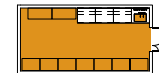
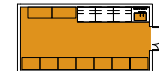
RESEARCH WRITE UP (20)



ADDITIVE MANUFACTURING LAB

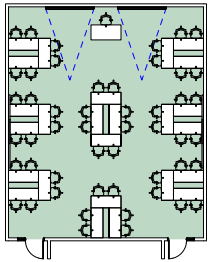


EMERGING TECH LABS (5)

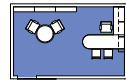


RESEARCH LAB SUPPORT (4)

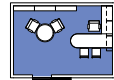
FLEX/ACTIVE TECH LEARNING



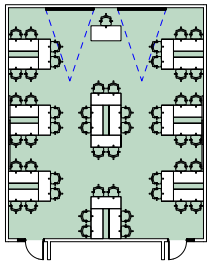
ADMINISTRATION/ STAFF OFFICES



FLEX EXEC OFFICE/MEETING - 210SF

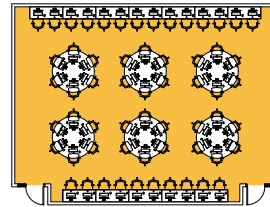


FLEX EXEC OFFICE/MEETING - 180 SF



ACTIVE LEARNING - 50 (2)

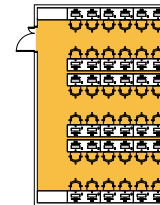
CAMPUS COMPUTING HUB



OPEN COMPUTER LAB

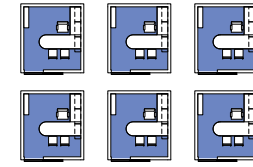


FOCUS ROOM (4)

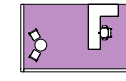


CYBER SECURITY LAB

STUDENT SUCCESS PROGRAMS



ADVISING OFFICE (6)



WELCOME CENTER



KITCHENETTE



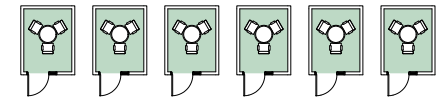
CLUB SPACE



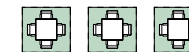
CLUB LOCKERS (44 2-TIER)



CAREER CENTER HUDDLE



SMALL TUTORING/HUDDLE ROOM (6)



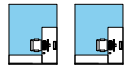
OPEN TUTORING SPACE (3)

'SQUINTY VIEW':

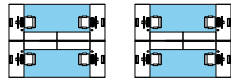
MAKER SPACE



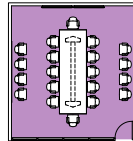
DIRECTOR OFFICE



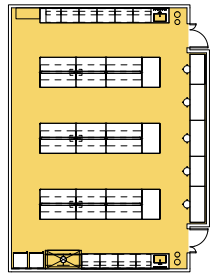
WORKAREA (2)



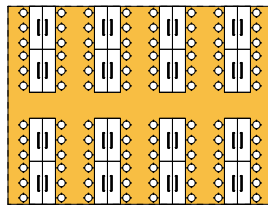
WORKAREA (8)



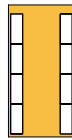
MEDIUM CONFERENCE



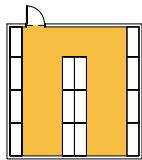
PARTNERSHIP LAB



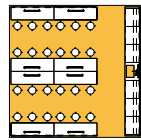
FABRICATION SPACE



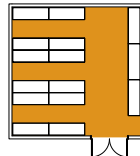
3D PRINTING ZONE



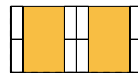
SUBTRACTIVE PROCESSES



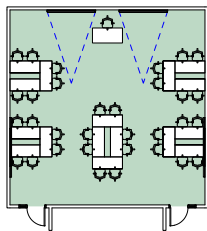
ELECTRONICS LAB



MAKER STORAGE

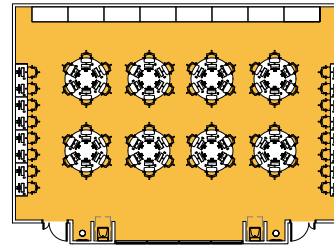


TOOL SHOP

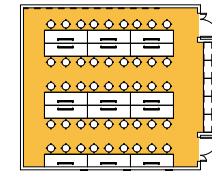


TEACHING ZONE

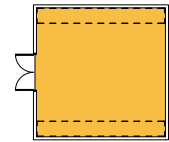
DESIGN PROJECT STUDIOS



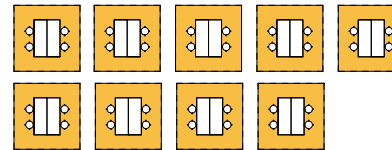
DESIGN LAB



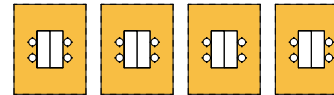
SMALL PROJECT AREA



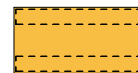
EV CAPSTONE



MEDIUM PROJECT AREA (9)



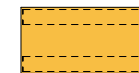
LARGE PROJECT AREA (4)



GENERAL STORAGE



PROJECT STORAGE

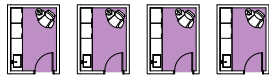


HAZARDOUS STORAGE

COMMON/SHARED



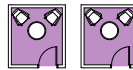
FACILITY MANAGER



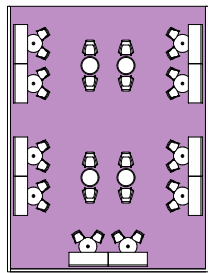
PERSONAL HEALTH ROOM (4)



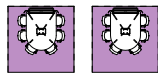
FOCUS ROOM - SMALL (2)



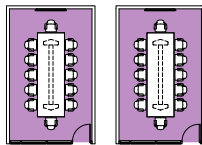
FOCUS ROOM - MEDIUM (2)



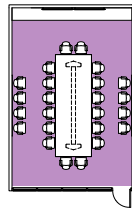
STUDENT LOUNGE



NOOK (2)



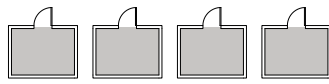
MEDIUM CONFERENCE (2)



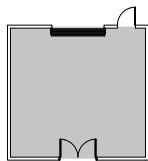
LARGE CONFERENCE



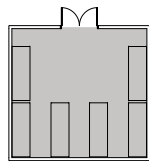
LACTATION ROOM (4)



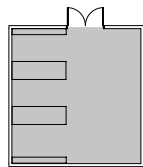
RECYCLING AREA (4)



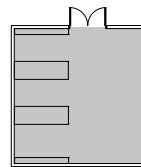
STAGING AREA



EQUIPMENT STORAGE



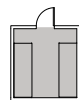
HOUSEKEEPING STORAGE



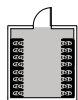
MAINTENANCE STORAGE



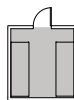
CHEMICAL WASTE



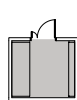
BIOHAZARD WASTE



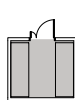
CYLINDER STORAGE



RECYCLING STORAGE

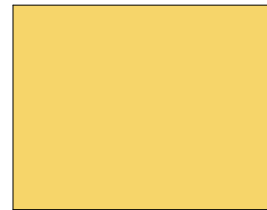


MAINTENANCE & OPERATIONS



EXTRA STOCK MATERIAL STORAGE

NORTH CLASSROOM RENOVATION



GEDNY NAVY LAB

BUILDING SERVICES

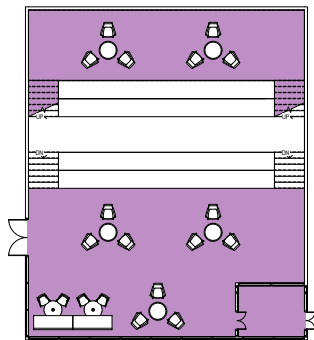


MECHANICAL ROOM

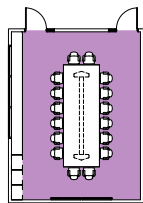
PROGRAM SPACE LIST

INNOVATION INCUBATOR

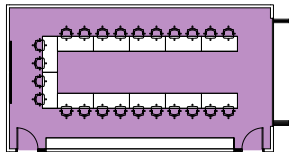
INNOVATION INCUBATOR



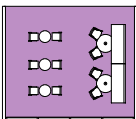
INNOVATION FORUM



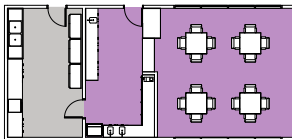
EXECUTIVE BRIEFING CENTER



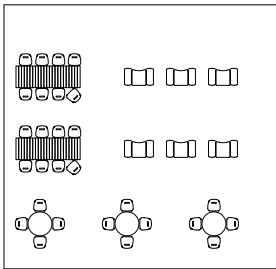
LARGE EVENTS



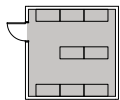
PREFUNCTION



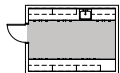
FOOD & BEVERAGE PROVIDER



OUTDOOR EVENT SPACE



FURNITURE STORAGE



WARMING KITCHEN



AV ROOM

CU DENVER CEDC


INNOVATION/INCUBATOR

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Collaboration									
Innovation Forum		2,500	1	2,500	1.0	2,500		entry WOW space	
Executive Briefing Center		600	1	600	1.0	600		pitch room, donors, high end space, adjacent to outdoor rooftop event space	
Large Events		1,000	1	1,000	1.0	1,000		adjacent to outdoor rooftop event space	
Prefunction		400	1	400	1.0	400			
Food & Beverage Provider		1,000	1	1,000	1.0	1,000			
Outdoor Event Space		2,000	0	0	1.0	0		rooftop outdoor space not included in ASF	
Sub-Total		0		5,500			5,500		
Support									
Warming Kitchen		150	1	150	1.0	150			635
AV room		100	1	100	1.0	100			95
Furniture Storage		200	1	200	1.0	200			730
Sub-Total		0		450			450		
TOTAL		0		5,950			5,950		



















PROGRAM SPACE LIST

FLEX R+D

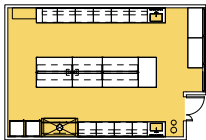
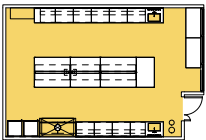
FLEX R+D



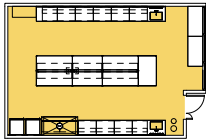
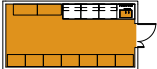
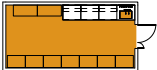
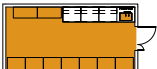

RESEARCH OFFICE

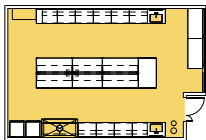
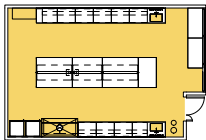
RESEARCH WRITE UP (20)

ADDITIVE MANUFACTURING LAB

RESEARCH LAB SUPPORT (4)

EMERGING TECH LABS (5)

CU DENVER CEDC

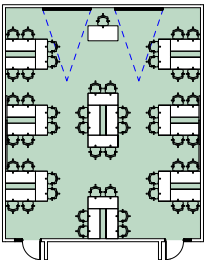
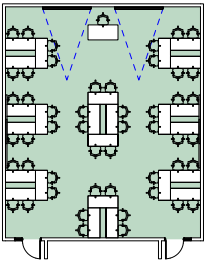
FLEX R + D

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Office									
Research Office		1	100	1	100	1.3	130		310
Research Write-up		20	24	20	480	1.3	624		310
Sub-Total		21			580		754		
Research Laboratory									
Additive Manufacturing Lab			726	1	726	1.0	726	wet lab	220
Emerging Tech Labs			726	5	3,630	1.0	3,630	wet lab, Includes Optics	220
Research Lab Support			242	4	968	1.0	968	wet lab	225
Sub-Total		0			5,324		5,324		
TOTAL		21			5,904		6,078		

PROGRAM SPACE LIST

FLEX/ACTIVE TECH LEARNING

FLEX/ACTIVE TECH LEARNING



ACTIVE LEARNING - 50 (2)

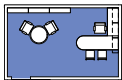
FLEX/ACTIVE TECH LEARNING

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Instructional									
Active Learning (50)		1,250	2	2,500	1.0	2,500			112
Sub-Total		0		2,500			2,500		
TOTAL		0		2,500			2,500		

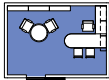
PROGRAM SPACE LIST

ADMINISTRATION/STAFF OFFICES

ADMINISTRATION/
STAFF OFFICES



FLEX EXEC OFFICE/MEETING - 210SF



FLEX EXEC OFFICE/MEETING - 180 SF

CU DENVER CEDC

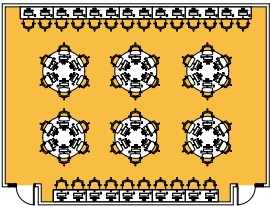
ADMINISTRATION/STAFF OFFICES

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Office									
Flex Exec Office/Meeting		1	210	1	210	1.3	273	adjacet to innovation components	311
Flex Exec Office/Meeting		1	180	1	180	1.3	234	adjacet to innovation components	311
		0		0					
Sub-Total		2			390		507		
TOTAL		2			390		507		

PROGRAM SPACE LIST

CAMPUS COMPUTING HUB

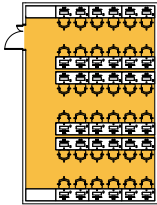
CAMPUS COMPUTING HUB



OPEN COMPUTER LAB



FOCUS ROOM (4)



CYBER SECURITY LAB

CU DENVER CEDC

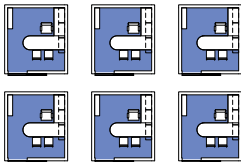
CAMPUS COMPUTING HUB

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Teaching Laboratory									
Open Computer Lab		1,452	1	1,452	1.0	1,452		dry lab - includes two kiosks	410
Focus Room		121	4	484	1.0	484			410
Cyber Security Lab		726	1	726	1.0	726		dry lab	210
Sub-Total		0		2,662			2,662		
TOTAL		0		2,662			2,662		

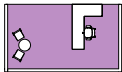
PROGRAM SPACE LIST

STUDENT SUCCESS PROGRAMS

STUDENT SUCCESS PROGRAMS



ADVISING OFFICE (6)



WELCOME CENTER



KITCHENETTE



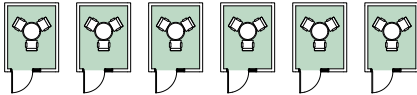
CLUB SPACE



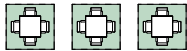
CLUB LOCKERS (44 2-TIER)



CAREER CENTER HUDDLE



SMALL TUTORING/HUDDLE ROOM (6)



OPEN TUTORING SPACE (3)

CU DENVER CEDC

STUDENT SUCCESS

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Office									
Advising Center									
Advising Office		6	100	6	600	1.3	780		310
Sub-Total		6			600		780		
Collaboration									
Welcome Center			200	1	200	1.0	200	2-computer workstations	880
Kitchenette			100	1	100	1.0	100		655
Sub-Total		0			300		300		

CU DENVER CEDC

STUDENT SUCCESS

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Instructional									
Student Clubs & Organizations									
Club Spaces		120	1	120	1.0	120			680
Club Lockers		121	1	121	1.0	121			685
Career Center Node									
Career Center Huddle		100	1	100	1.0	100			680
Tutoring Center									
Small Tutoring/Huddle Rooms		80	6	480	1.0	480			410
Open Tutoring Space		60	3	180	1.0	180			415
Sub-Total		0		1,001			1,001		
TOTAL		6		1,901			2,081		

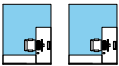
PROGRAM SPACE LIST

MAKER SPACE

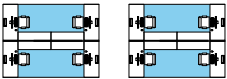
MAKER SPACE



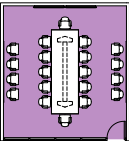
DIRECTOR OFFICE



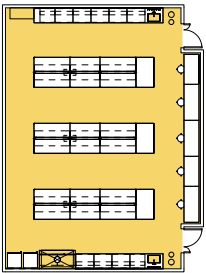
WORKAREA (2)



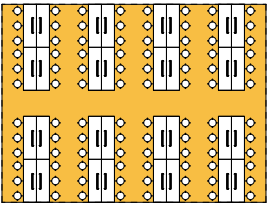
WORKAREA (8)



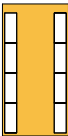
MEDIUM CONFERENCE



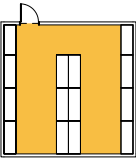
PARTNERSHIP LAB



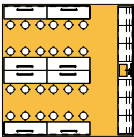
FABRICATION SPACE



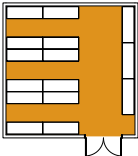
3D PRINTING ZONE



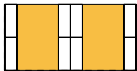
SUBTRACTIVE PROCESSES



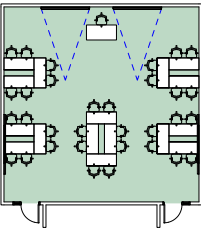
ELECTRONICS LAB



MAKER STORAGE



TOOL SHOP



TEACHING ZONE

CU DENVER CEDC

MAKER SPACE

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Office									
Director Office		1	100	1	100	1.3	130		311
Workarea		2	80	2	160	1.3	208		310
Workarea		8	48	8	384	1.3	499		310
Sub-Total		11			644		837		

Collaboration

Medium Conference			450	1	450	1.0	450	12 people	350
Sub-Total		0			450		450		

Research Laboratory

Partnership Labs			1,452	1	1,452	1.0	1,452	SHARED WITH INNOVATION, DRY LAB	220
Sub-Total		0			1,452		1,452		

CU DENVER CEDC

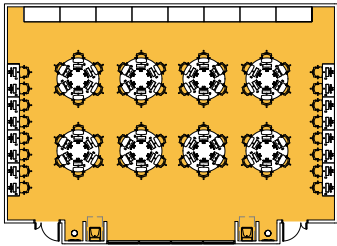
MAKER SPACE

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Teaching Laboratory									
Fabrication Space		1,452	1	1,452	1.0	1,452		not enclosed	720
Subtractive Processes		484	1	484	1.0	484		routers, etc., Integrate WELDING BACK IN	720
3D Printing Zone		242	1	242	1.0	242		not enclosed	720
Electronics Lab		484	1	484	1.0	484		not enclosed	720
Tool Shop		242	1	242	1.0	242		not enclosed	720
Maker Storage		484	1	484	1.0	484			725
Sub-Total		0		3,388			3,388		
Instructional									
Teaching Zone		1,089	1	1,089	1.0	1,089		50 student classes	112
Sub-Total		0		1,089			1,089		
TOTAL		11		7,023			7,216		

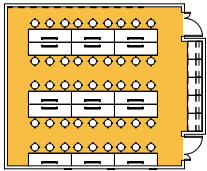
PROGRAM SPACE LIST

DESIGN PROJECT STUDIOS

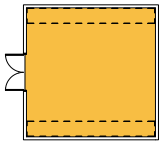
DESIGN PROJECT STUDIOS



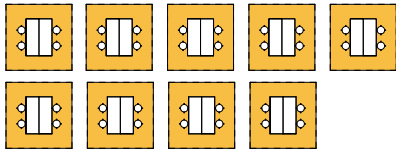
DESIGN LAB



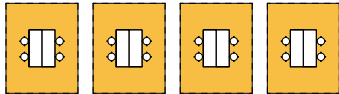
SMALL PROJECT AREA



EV CAPSTONE



MEDIUM PROJECT AREA (9)



LARGE PROJECT AREA (4)



GENERAL STORAGE



PROJECT STORAGE



HAZARDOUS STORAGE

DESIGN/PROJECT STUDIOS

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Teaching Laboratory									
Design Lab		2,178	1	2,178	1.0	2,178		target 60 students	220
Small Projects Area		800	1	800	1.0	800		bench scale capstone projects, not enclosed	220
Medium Projects Area		121	9	1,089	1.0	1,089		not enclosed	220
Large Projects Area		180	4	720	1.0	720		not enclosed	220
EV Captstone		484	1	484	1.0	484		enclosed	210
Project Storage		242	1	242	1.0	242		not enclosed	225
Hazardous Storage		242	1	242	1.0	242		not enclosed	760
General Storage		242	1	242	1.0	242		not enclosed	780
Sub-Total		0		5,997			5,997		
TOTAL		0		5,997			5,997		

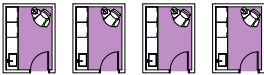
PROGRAM SPACE LIST

COMMON/SHARED

COMMON/SHARED



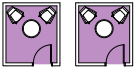
FACILITY MANAGER



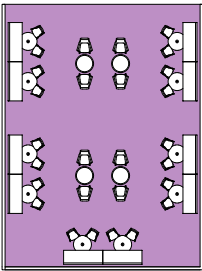
PERSONAL HEALTH ROOM (4)



FOCUS ROOM - SMALL (2)



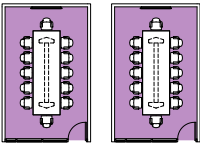
FOCUS ROOM - MEDIUM (2)



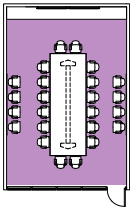
STUDENT LOUNGE



NOOK (2)



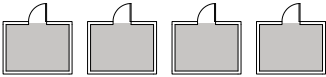
MEDIUM CONFERENCE (2)



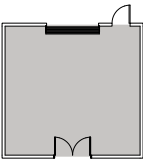
LARGE CONFERENCE



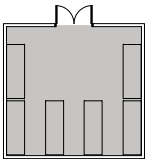
LACTATION ROOM (4)



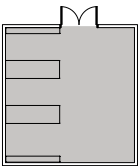
RECYCLING AREA (4)



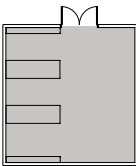
STAGING AREA



EQUIPMENT STORAGE



HOUSEKEEPING STORAGE



MAINTENANCE STORAGE



CHEMICAL WASTE



BIOHAZARD WASTE



CYLINDER STORAGE



RECYCLING STORAGE



MAINTENANCE & OPERATIONS



EXTRA STOCK MATERIAL STORAGE

CU DENVER CEDC

COMMON/SHARED

Comments									
Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Office									
Facility Manager		100	1	100	1.3	130			310
Sub-Total		0		100			130		

Collaboration

Personal Health Room		80	4	320	1.0	320		Prayer room	
Focus Room - small		50	2	100	1.0	100			680
Focus Room - medium		80	2	160	1.0	160			680
Nook		120	2	240	1.0	240			680
Medium Conference		300	2	600	1.0	600			680
Large Conference		600	1	600	1.0	600			680
Student Lounge		1,452	1	1,452	1.0	1,452			652
Sub-Total		0		3,472			3,472		

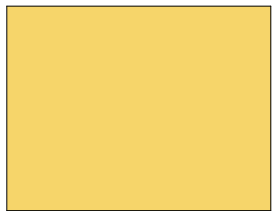
COMMON/SHARED

								Comments		
Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code	
Support										
Lactation Room		49	4	196	1.0	196		one per floor		
Recycling Area		80	4	320	1.0	320		one per floor	80	
Staging Area		484	1	484	1.0	484			91	
Equipment Storage		484	1	484	1.0	484			780	
Chemical Waste		121	1	121	1.0	121			770	
Biohazard Waste		121	1	121	1.0	121			770	
Cylinder Storage		121	1	121	1.0	121			780	
Recycling Storage		121	1	121	1.0	121			780	
Housekeeping Storage		484	1	484	1.0	484			91	
Maintenance Storage		484	1	484	1.0	484			91	
Maintenance and Operations Room		100	1	100	1.0	100			91	
Extra Stock Material Storage Room		100	1	100	1.0	100			780	
Sub-Total		0		3,136			3,136			
TOTAL		0		6,708			6,738			

PROGRAM SPACE LIST

NORTH CLASSROOM RENOVATION | BUILDING SERVICES

NORTH CLASSROOM
RENOVATION



GEDNY NAVY LAB

BUILDING SERVICES

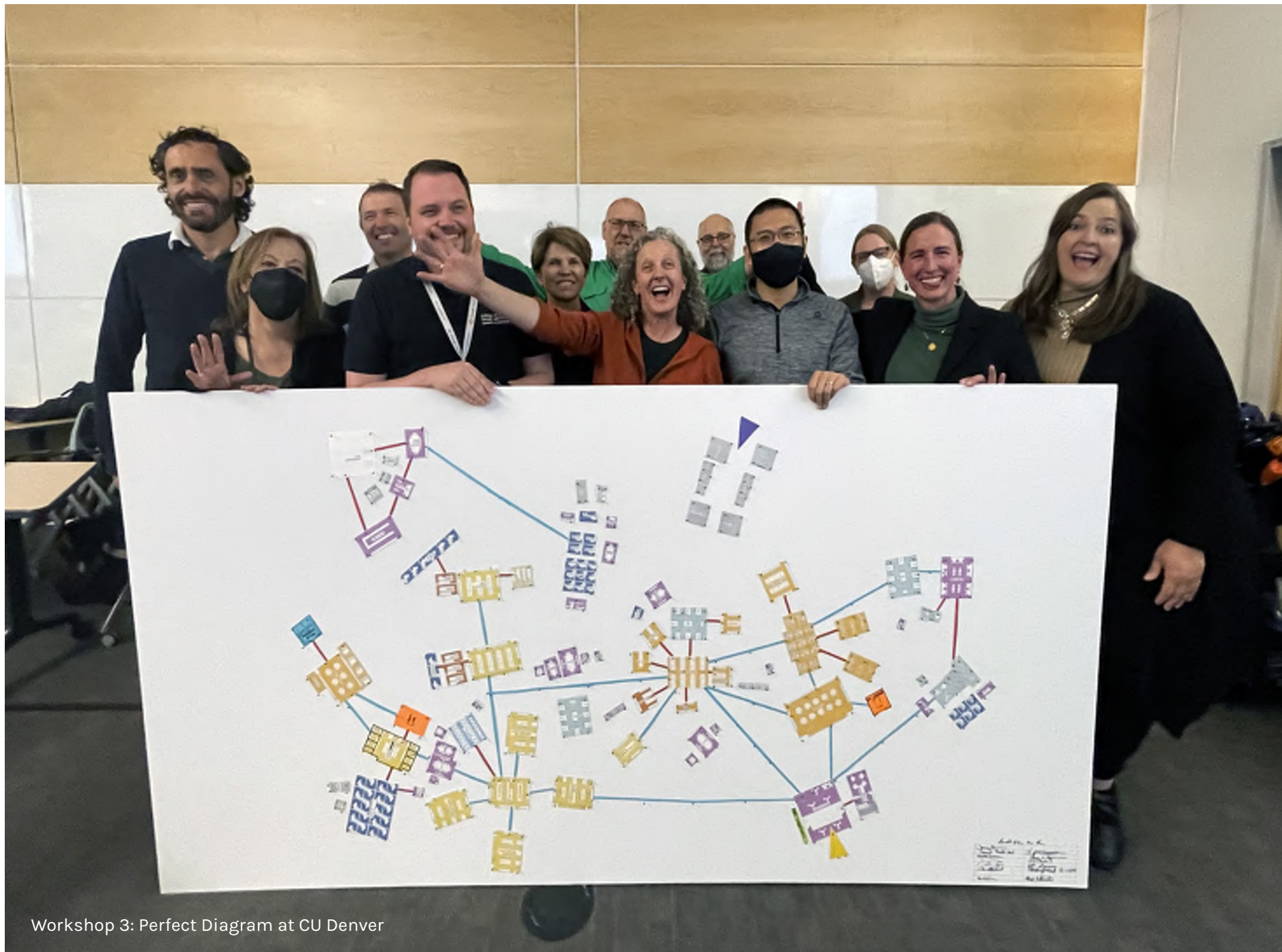


MECHANICAL ROOM

CU DENVER CEDC

NORTH CLASSROOM RENO

Space Name	Staff	NSF	Qty.	Total NSF	Mult.	NASF	Total NASF	Comments	FICM Code
Research Laboratory									
Gedney Navy Lab		2,000	1	2,000	1.0	2,000			210
Sub-Total		0		2,000			2,000		
TOTAL		0		2,000			2,000		

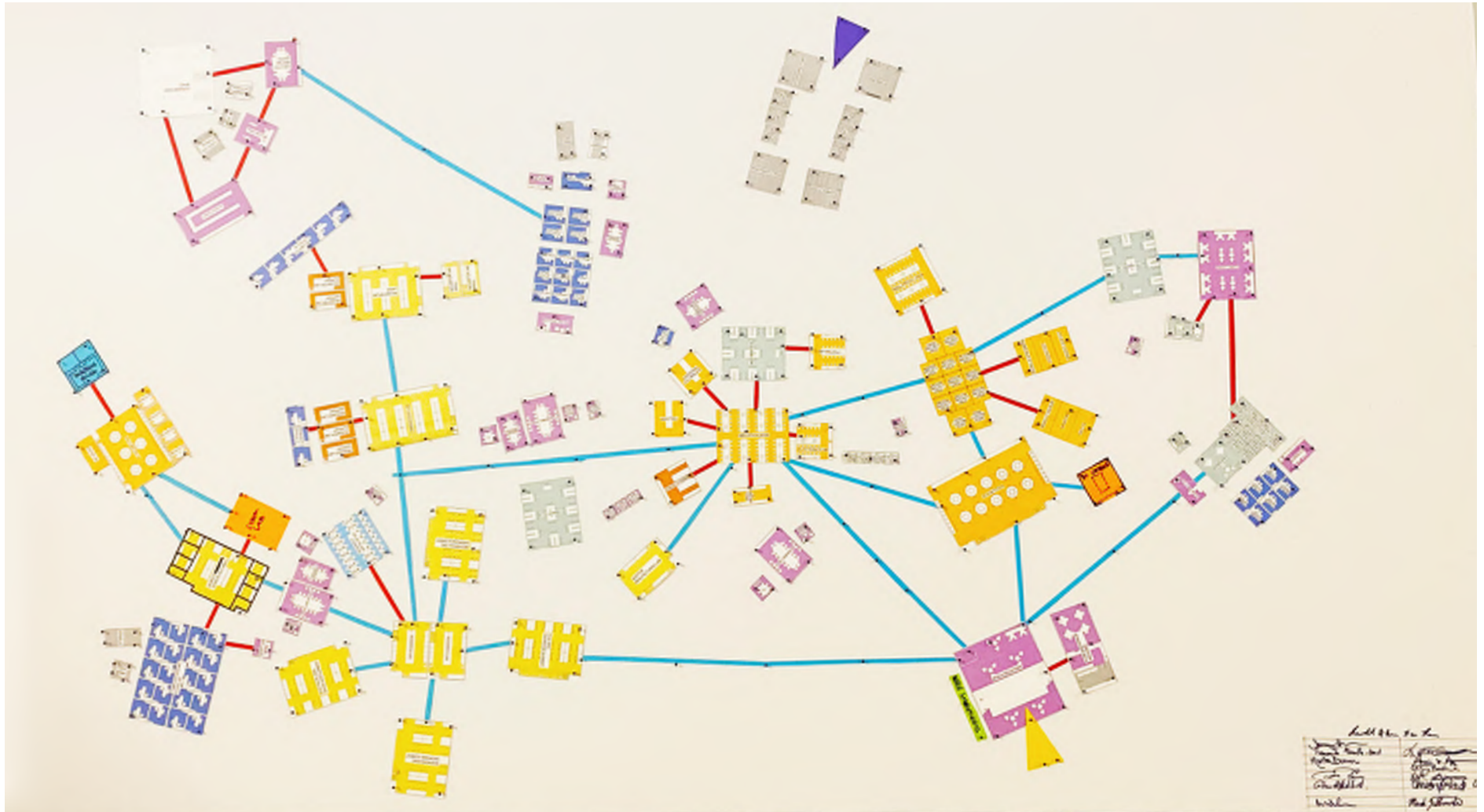


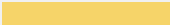






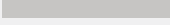
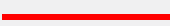
Workshop 3: Perfect Diagram at CU Denver

‘PERFECT DIAGRAM’

The ‘Perfect Diagram’, generated during the programming workshop is a fundamental part of the Programming Phase. With the participation of key stakeholders, the goal of the ‘Perfect Diagram’ exercise is to create a road map that will assist the Design Team and University of Colorado Denver in the subsequent design phases. The exercise is centered around a discussion regarding the elements of arrival, functional adjacency between departments, connectivity, visibility, access, service and other critical planning criteria.

'PERFECT DIAGRAM'



COLOR LEGEND	
LAB	
LAB SUPPORT	
OFFICE	
OPEN OFFICE	
CLASSROOM	
INTERACTION & COLLABORATION	
BUILDING SUPPORT	
MANDATORY ADJACENCY (PATH)	
DESIRED ADJACENCY (PATH)	









DESIGN REVIEW TEAM OVERVIEW

The role of the DRT is to review the project as frequently as is beneficial to the institution. The four main review sessions include the following:

1. Pre-design project initiation (occurred on 5/18/2022)
2. Conceptual design
3. Schematic Design
4. Design Development

The DRT Review primarily focuses on the tangible guidelines, such as integrated campus design principles related to campus access and the relationship to adjacent areas, the location of building entries, and how the building activates adjacent streets/pedestrian areas.

There are no formal submittal requirements for each of the four phases in the DRT review and approval process, however, the DRT review and recommendation are based on the project packets and supplemental materials. The DRT clearly states the goals and the intent of each design review phase previously listed.

DESIGN REVIEW TEAM

COLLEEN WALKER - AHEC CEO

CARL MEESE - AHEC DIRECTOR OF PLANNING

JERED MINTER - CU DENVER CAMPUS ARCHITECT

ERIK CHRISTOPHER - SRS REAL ESTATE PARTNERS MANAGING PRINCIPAL

RHYS DUGGAN - PRESIDENT & CEO REVESCO PROPERTIES

ANDREW ILTIS - DIRECTOR, ECONOMIC DEVELOPMENT AT DOWNTOWN DENVER
PARTNERSHIP

PAUL WASHINGTON - EXECUTIVE VICE PRESIDENT OF IMA FINANCIAL GROUP

DON BRANDES - CU DRB CHAIR AND LANDSCAPE ARCHITECT MEMBER

SARAH BROWN - CU DRB ARCHITECT MEMBER

CHERI GEROU - CU DRB ARCHITECT MEMBER AND STATE ARCHITECT

TOM HOOTMAN - CU DRB ARCHITECT AND SUSTAINABILITY MEMBER

CHRIS SHEARS - CU DRB ARCHITECT MEMBER

MIKE WINTERS - CU DRB ARCHITECT MEMBER

CU DENVER 2030 GOALS

Goal 1 : Equity-Serving Institution ●●●●●●●●

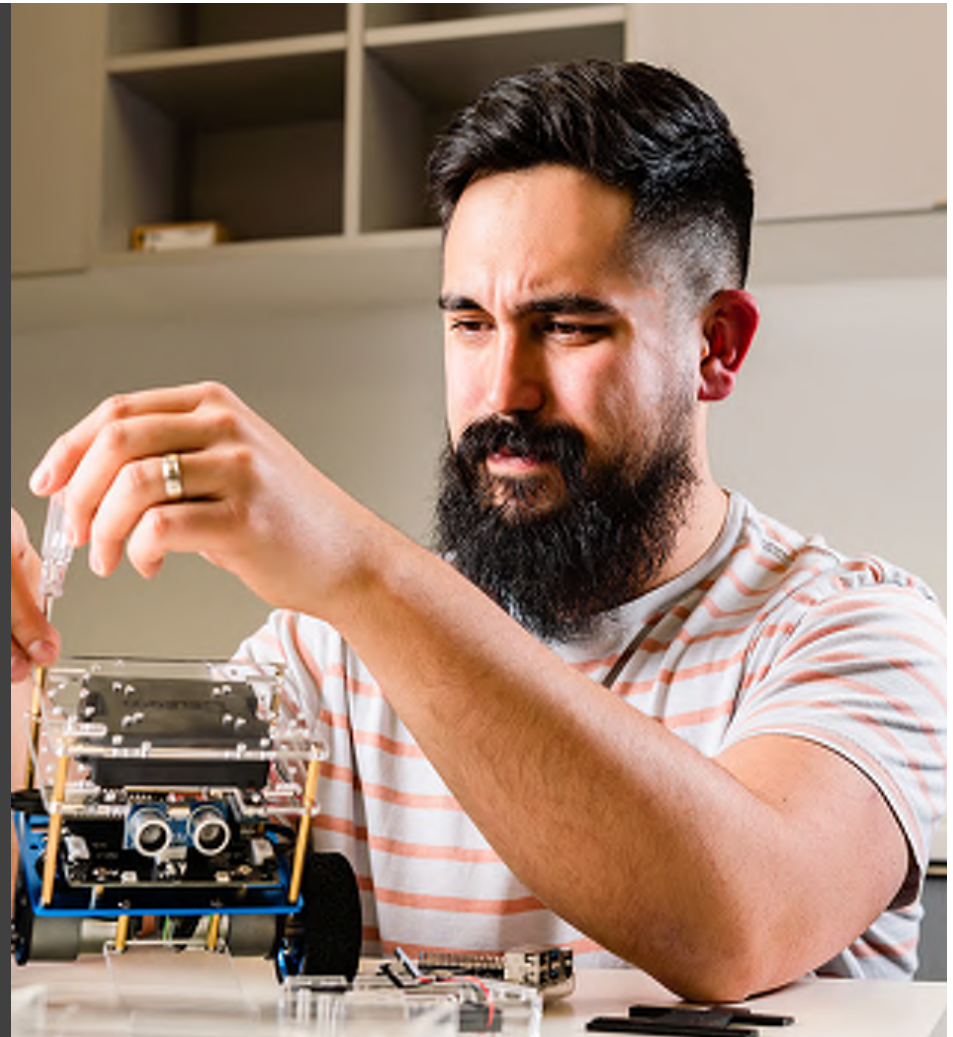
Goal 2 : University for Life ●●●●●●●●

Goal 3 : Research Grand Challenges ●●●●●●

Goal 4 : Open Innovation District ●●●●●●●●

Goal 5 : Best Place to Work ●●●●

Exercise: We asked the team which goal they were most curious about in terms of how it will manifest into the built environment. Equity-Serving Institution led the way, followed by Open Innovation District and University for Life.



*Excerpts from DRT Presentation 1

PART OF A BIGGER PLAN



University of Colorado **Denver**



COLLEGE OF ENGINEERING, DESIGN, AND COMPUTING BUILDING

- 1 Transform engineering education to prepare **engineers of the future**
- 2 Elevate **computing** across the college and campus
- 3 Lead with **design-oriented** engineering education
- 4 Develop **21st century skills** through our design framework
- 5 Deliver stackable **modular credentials**
- 6 Lean into **technology** to drive transformation
- 7 Emphasize cross-disciplinary **convergence research** with broad impact
- 8 Promote **innovation and entrepreneurship** in all we do
- 9 Cultivate and leverage our **diversity and inclusivity**
- 10 Amplify our impact through **partnerships** that serve the state

BIG IDEAS

33



University of Colorado **Denver**



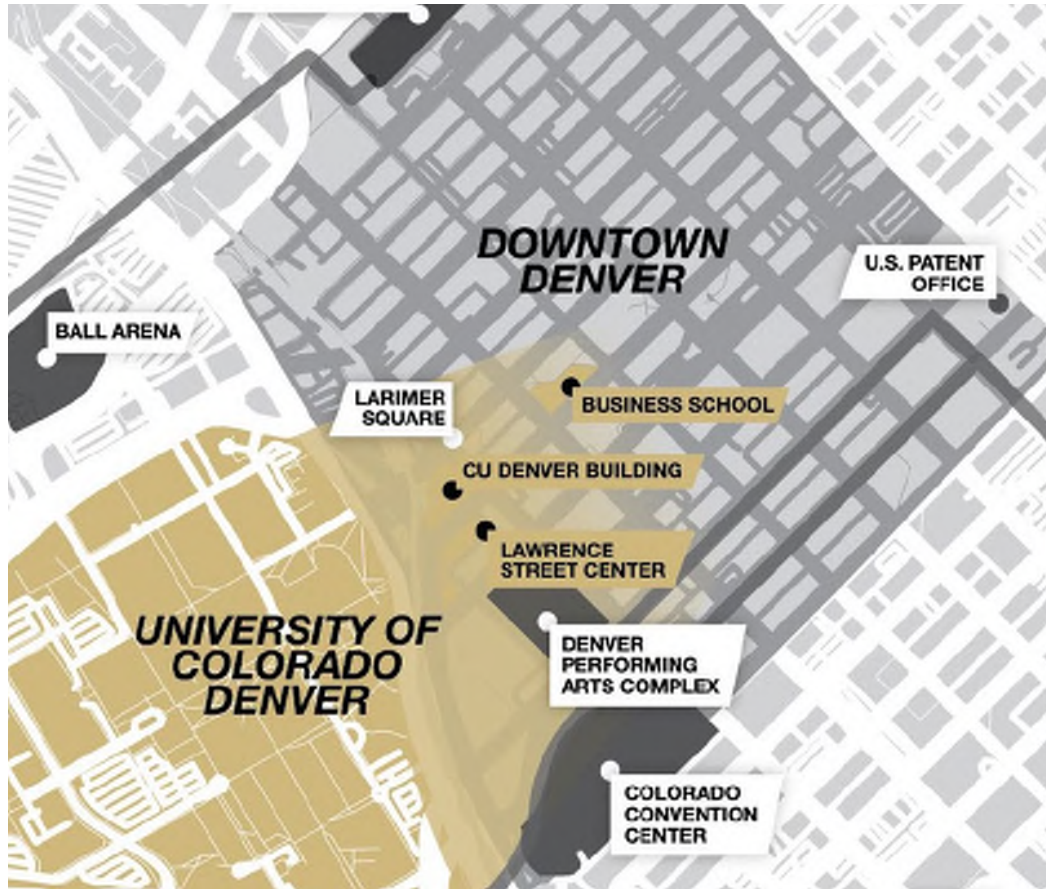
AURARIA
HIGHER EDUCATION
CENTER



SMITHGROUP

*Excerpts from DRT Presentation 1

DENVER OPEN INNOVATION DISTRICT



**An additional
9 million**

jobs in computing and related
technologies expected between
2021 and 2022

**In the Denver
area**

**nearly
10%**

of the 1.4 million jobs are in
STEM fields

In last two years

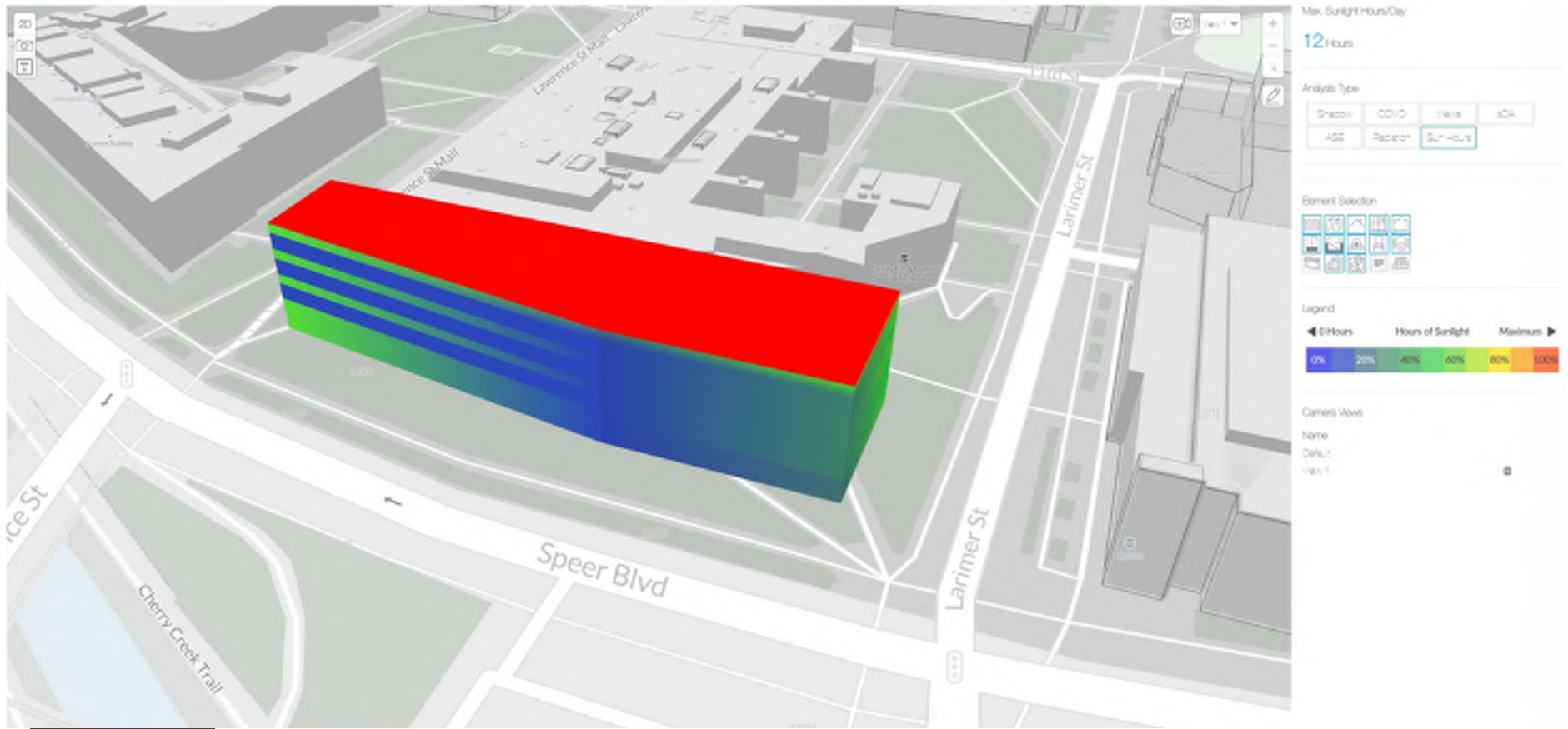
**50% –
300%**

growth in computing-related
degrees at CU Denver

- Geographic concentration of connected businesses suppliers, skills and service providers
- Anchored by research universities to enhance competitiveness through innovation
- Access to capital (venture capital, angel funding, etc.)
- Secondary and post-secondary institutions to equip workers with the skills they need to succeed
- Technical assistance to **enable entrepreneurship and the commercialization** of new products and services
- **Governance structure for strategic growth**
- Retail and social environments and place making



ANNUAL SUN HOURS



70



University of Colorado Denver



AURARIA
HIGHER EDUCATION
CENTER



SMITHGROUP

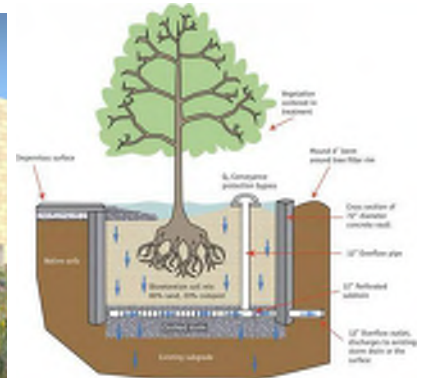
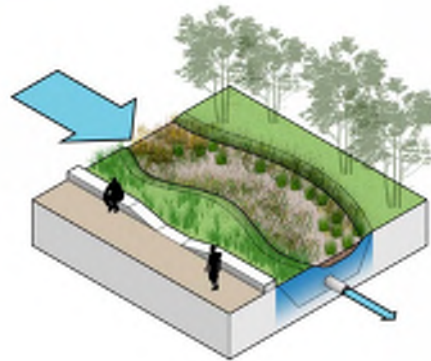
*Excerpts from DRT Presentation 1

SITE ECOLOGY

LANDSCAPE ON GRADE

Many strategies will be explored in the design of the landscape and hardscape including:

- Light colored paving
- Permeable Paving
- Raingardens
- Surface Detention



Raingardens / Bioretention features

Infiltration Tree Boxes

