

**ROSEVILLE CITY SCHOOL DISTRICT
REQUEST FOR QUALIFICATIONS
FOR ALTERNATIVE DESIGN-BUILD SERVICES
PR-92 SCHOOL PROJECT**

Roseville City School District ("District") is seeking to prequalify design-build entities or design-build teams to submit proposals to design and construct the District's **PR-92 School Project** ("Project"), in accordance with the alternative design-build statute, Education Code section 17250.60 et seq. Only respondents that have been prequalified by the District in response to this Request for Qualifications ("RFQ") will be eligible to submit proposals in response to the District's subsequent Request for Proposals ("RFP") for the Project.

Respondents to this RFQ shall submit a fully completed and sealed Statement of Qualifications ("SOQ"), using the District's standard prequalification template for design-build projects, as further described herein, to:

ROSEVILLE CITY SCHOOL DISTRICT
1050 Main Street
Roseville, CA 95678

ALL SOQS ARE DUE BY 2:00 P.M. ON THURSDAY, JULY 23, 2026. Oral, telegraphic, facsimile, telephone, or email SOQs will not be accepted. SOQs received after this date and time will not be accepted and will be returned unopened.

District reserves the right to waive irregularities and omissions in the information contained in any SOQ, and to make all final determinations. District may use other sources of information outside of the SOQs to investigate respondents or to verify answers.

Each SOQ must be certified under penalty of perjury by the respondent. If any information provided by a respondent becomes inaccurate, the respondent must immediately notify District and provide updated, accurate information in writing, under penalty of perjury. District reserves the right to suspend or rescind prequalification at any time based on subsequently learned information.

Questions regarding this RFQ may be directed in writing to

Michael Flores
Capital Program Management
MichaelF@capitalpm.com
916-462-1196

and must be submitted on or by **2:00 PM ON THURSDAY, JULY 9, 2026.**

I. RFQ SCHEDULE SUMMARY

The District may change the dates on this schedule without prior notice.

DEADLINE	ACTION ITEM
June 17, 2026	Release of RFQ.
July 9, 2026 at 2:00pm	Last day to receive written questions from respondents.
July 16, 2026	Last day for District to issue addenda or answer questions.
July 23, 2026 at 2:00m	Deadline for submissions in response to RFQ.
Week of July 27th, 2026	Notice to prequalified respondents.
<u>Anticipated:</u> Week of July 27th, 2026	Release of RFP to prequalified respondents.

II. PROJECT DESCRIPTION AND SCOPE OF SERVICES

Pursuant to the alternative design-build statute, Education Code section 17250.60 et seq., the District is seeking a progressive design-build entity or team (“Design/Builder”) to design and construct the District’s **PR-92 School Project** (“Project”). The Project is further defined in the attached **APPENDIX A**, along with the District’s expected cost range and schedule for the Project. The District’s Criteria Documents, which the selected Design/Builder must adhere to in delivering the Project, are attached to and made a part of this RFQ package as **APPENDIX C**.

The selected Design/Builder must be appropriately licensed in the State of California for architectural, engineering, and construction services as needed to complete the Project. In addition, the selected Design/Builder shall have experience with both design and construction of public school facilities and in working with the Office of Public School Construction (“OPSC”), the Division of the State Architect (“DSA”), and Title 24 of the California Code of Regulations.

All contractors who are part of the design-build team must be registered with the Department of Industrial Relations (“DIR”) as required by law. The selected Design/Builder will be required to comply with the Labor Code prevailing wage requirements, skilled and trained workforce requirements, and the District’s bonding and insurance requirements. The selected Design/Builder shall be required to work cooperatively with District staff, the Governing Board, all other technical consultants, the bridging architect, the project inspector, and any program and/or construction manager, if any, retained by the District for the Project, citizens’ oversight committee, other District committees, and the community to facilitate timely and professional completion of the Project.

III. DESIGN-BUILD PROCUREMENT PROCESS

Pursuant to Education Code section 17250.62, procurement of a Design/Builder will follow two (2) phases:

1. Prequalification – First, by this RFQ, the District will prequalify respondents using a standard template request for statements of qualifications. The significant factors the District reasonably expects to consider in evaluating qualifications are identified in Section VIII, below.
2. Design-Build Proposals – Second, the District will issue an RFP, inviting only prequalified respondents to submit competitive sealed proposals for the Project. The District will use a best value selection method for evaluating proposals. The procedure for final selection will be as follows:
 - a. The District will evaluate responsive proposals using only the criteria and selection procedures specifically identified in the RFP.
 - b. The District may, at its discretion, request proposal revisions and hold discussions and negotiations with responsive proposers. The RFP will define applicable procedures to ensure that discussions or negotiations are conducted in good faith.
 - c. The District will rank responsive proposers based on a determination of value provided, but shall not be required to rank more than three (3) proposers.
 - d. The District will award the contract, if at all, to the responsible Design/Builder whose proposal is determined by the District to be the best value.

Any person or entity that has performed or is performing services for District relating to the solicitation of this design-build project will **not** be eligible to submit a proposal as a design-build entity or to join a design-build team.

IV. FULL OPPORTUNITY

No Respondent will be discriminated against on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, reproductive health decision-making, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or veteran or military status of any person in any consideration leading to the award of the contract. District also affirmatively ensures that Disadvantaged Business Enterprises (“DBE”), Small Local Business Enterprises (“SLBE”), Small Emerging Local Business Enterprises (“SELBE”), and Disabled Veterans Business Enterprises (“DVBE”) shall be afforded full opportunity to respond to this RFQ.

V. LIMITATIONS

This RFQ is neither a formal request for bids, nor an offer by the District to contract with any party responding to this RFQ. The District reserves the right to add additional prequalified respondents for consideration after distribution of this RFQ, if it is found to be in the best interest of the District. All decisions concerning selection of the Design/Builder will be made in the best interests of the District. The issuing of a subsequent RFP and awarding of the contract pursuant to the subsequent RFP, if at all, is at the sole discretion of the District.

The District makes no representation that participation in this RFQ process will lead to an award of contract or any consideration whatsoever. The District shall in no event be responsible for the cost of preparing any response to this RFQ.

SOQs submitted by respondents are not public records and are not open to public inspection. All information provided will be kept confidential to the extent permitted by law. The contents, however, may be disclosed to third parties for purposes of verification or investigation. State law requires that the names of respondents applying for prequalification status shall be public records subject to disclosure.

VI. RESTRICTIONS ON LOBBYING AND CONTACTS

From the period beginning on the date of the issuance of this RFQ and ending on the date of the award of the contract, no person, or entity submitting in response to this RFQ, nor any officer, employee, representative, agent, or consultant representing such a person or entity shall contact through any means or engage in any discussion regarding this RFQ, the evaluation or selection process/or the award of the contract with any member of the District, Governing Board, selection members, or any member of the Citizens' Oversight Committee. Any such contact shall be grounds for the disqualification of the respondent submitting a SOQ.

VII. STANDARD TEMPLATE FOR STATEMENT OF QUALIFICATIONS

Attached hereto as **APPENDIX B** is the District's design-build prequalification template. Respondent must complete the prequalification template, certify its answers under penalty of perjury, and attach all information requested therein. The completed, certified prequalification template, together with all attachments, constitutes respondent's SOQ.

Each SOQ must be certified under penalty of perjury. If any information provided by a respondent becomes inaccurate, the respondent must immediately notify District and provide updated, accurate information in writing, under penalty of perjury.

Provide one (1) signed original SOQ (marked "original") and four (4) copies, each in a three ring binder, and two (2) PDF files in electronic form, each on a separate flash drive. In the event of any discrepancy between the hard copy and the pdf copies of the SOQ, the hard copy will control.

VIII. EVALUATION

The District will evaluate all timely submitted SOQs. Each SOQ must be complete. Incomplete SOQs will be considered nonresponsive and grounds for disqualification. The District retains the sole discretion to determine issues of compliance and to determine whether a respondent is responsive and qualified.

Significant factors the District reasonably expects to consider in evaluating qualifications are as follows:

- All required licenses and registration to design and construct the Project, with no recent revocations or suspensions;
- Established performance history, including an absence of criminal or civil violations or significant disputes;
- Capacity to obtain required bonds and insurance for the Project;
- Design expertise and experience;

- Construction expertise and experience;
- Acceptable safety record;
- Enforceable commitment to use a skilled and trained workforce for the Project, as applicable; and
- Financial capacity to complete the Project.

District may use other sources of information outside of the SOQs to investigate respondents or verify answers. District's investigation may extend beyond contacting project references identified in SOQs.

After completing its evaluation, the District will notify respondents selected for prequalification.

IX. FINAL DETERMINATION

Prequalification is at the sole discretion of the District. The District reserves the right to waive irregularities and omissions in the information contained in any SOQ, and to make all final determinations. The District further reserves the right to suspend or rescind prequalification at any time based on subsequently learned information.

The District makes no representation that participation in this RFQ process will lead to an award of contract or any consideration whatsoever. The District reserves the right to seek proposals from or to contract with any firm not participating in this process. The District shall in no event be responsible for the cost of preparing any SOQ or other response to this RFQ.

WE THANK YOU FOR YOUR INTEREST IN THE DISTRICT'S PROJECT!

APPENDIX A

PROJECT DESCRIPTION

Project Name: PR-92 School

Description: A new TK-8th Grade School for 1,000+ students is required for the Roseville City Schools. The District desires to use the Design -Build approach for this Project. The Goals of the Project are (1) to achieve a design which can be quickly approved by DSA to allow early application to the State Allocation Board and Office of Public School Construction for State Facility Plan funding and (2) to achieve high quality but economical facilities. The District’s Education Specifications anticipate flexible learning spaces to support student education.

The school will be built on a new 22.0 -acre site served by future streets on two sides. The school will include TK to 8th grade classrooms and specialty learning spaces, a library, a multi-purpose building for indoor play and lunch service with a kitchen, a gymnasium with locker rooms and support spaces for administration, counseling, faculty break room, and PE equipment storage.

A map showing the location is attached as **APPENDIX D**.

Project Estimate: \$111,000,000.00

Project Selection Process – Tentative Schedule:

June 17, 2026	RFQ Issued
July 23, 2026	Deadline to submit RFQ
July 31, 2026	RFP issued to shortlisted teams
August 11, 2026	Confidential Meetings
September 10, 2026	Final Proposals Due
Week of September 21, 2026	Anticipated Interview dates
October 15, 2026	Board adoption of DB Agreement
May, 2031	Anticipated Completion of PR-92

APPENDIX B
STANDARD PREQUALIFICATION TEMPLATE
FOR STATEMENT OF QUALIFICATIONS

APPENDIX B

<p style="text-align: center;">ROSEVILLE CITY SCHOOL DISTRICT PREQUALIFICATION TEMPLATE DESIGN-BUILD ENTITIES</p>
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This standard prequalification template should be completed by design-build entities or design-build teams seeking to prequalify for a Roseville City School District ("District") alternative design-build project in accordance with Education Code section 17250.60 et seq.

As used herein:

- "Design/Builder" refers to both design-build entities and design-build teams.
- "Member" refers to individuals or entities identified as members of the design-build team, including the general contractor and, if utilized in the design of the project, all electrical, mechanical, and plumbing contractors.
- "Associates" refers to all current officers, owners, and/or partners of Design/Builder and of any Member.

Wherever additional space is needed to answer a question fully and accurately, attach additional copies of the template pages and/or additional signed sheets as needed.

I. BUSINESS INFORMATION

A. Contact Information

1. Design/Builder Name: _____
2. Primary contact person: _____
3. Principal office address: _____
4. Phone: _____
5. Fax: _____
6. Email: _____

B. Form of Organization

1. If the Design/Builder or any Member is a **corporation**:
 - a. Date incorporated: _____
 - b. Under laws of what state: _____

- c. If a privately held corporation, list all shareholders who will perform work on the project:

Name	Ownership Percentage

- d. Attach a copy of the articles of incorporation.

2. If the Design/Builder or any Member is a **limited liability company**:

- a. Date formed: _____
- b. Under laws of what state: _____
- c. List all LLC members who will perform work on the project:

Name	Ownership Percentage

- d. Attach a copy of the articles of organization.

3. If the Design/Builder or any Member is a **partnership**:

- a. Date formed: _____
- b. Under laws of what state: _____

c. List all partners who will perform work on the project:

Name	Ownership Percentage

d. Attach a copy of the partnership agreement.

4. If the Design/Builder or any Member is a **joint venture**:

a. Date formed: _____

b. Under laws of what state: _____

c. List all joint venture members who will perform work on the project:

Name	Ownership Percentage

d. Attach a copy of the joint venture agreement.

5. If the Design/Builder or any Member is a **sole proprietorship**:

a. Date formed: _____

b. Under laws of what state: _____

c. List owner: _____

d. Attach a copy of organizational documents, if any.

C. Financial Capacity

1. Attach an audited financial statement with accompanying notes and supplemental information for the past two (2) full fiscal years for Design/Builder and each entity Member (not individual Members). A letter verifying availability of a line of credit may also be attached; however, it will be considered supplemental information only and is not a substitute for the required financial statement.
2. Is Design/Builder or any Member currently, or has Design/Builder or any Member within the last five (5) years been, the debtor in a bankruptcy case?

___ Yes ___ No

If "yes," please attach a copy of the bankruptcy petition and a copy of the bankruptcy court's discharge or any other document that ended the case, if any.

II. LICENSING AND REGISTRATION

A. General Contractor

1. Name of license holder exactly as on file with the Contractors State License Board ("CSLB"): _____
2. License classification(s): _____
3. License #: _____
4. Issue Date: _____
5. Expiration Date: _____
6. Public Works Contractor Registration # on file with the Department of Industrial Relations ("DIR"): _____
7. Has any CSLB license held by the general contractor or its qualifying individual been suspended or revoked within the last five (5) years?

___ Yes ___ No

If "yes," explain on a separate signed sheet.

8. Has the general contractor changed names or license numbers within the past five (5) years?

___ Yes ___ No

If "yes," explain on a separate signed sheet.

B. Architect of Record

The architect of record is the architect whose stamp will appear on project documents.

1. Name of license holder exactly as on file with the California Architects Board ("CAB"):

2. License #: _____
3. Issue Date: _____
4. Expiration Date: _____
5. Has any CAB license held by the architect of record been suspended or revoked within the last five (5) years?

Yes No

If "yes," explain on a separate signed sheet.

6. Has the architect of record changed names or license numbers within the past five (5) years?

Yes No

If "yes," explain on a separate signed sheet.

C. Engineer(s)

Engineering services will be dictated by the nature of the project. The Design/Builder should respond for all "in house" engineers that will provide services on the project. If relevant, use additional signed sheets to respond for multiple engineering disciplines.

1. Name of license holder exactly as on file with the Board of Professional Engineers, Land Surveyors, and Geologists ("BPELSG"): _____
2. License Type: _____
3. License #: _____
4. Issue Date: _____
5. Has any BPELSG license held by the engineer been suspended or revoked within the last five (5) years?

Yes No

If "yes," explain on a separate signed sheet.

6. Has the engineer changed names or license numbers within the past five (5) years?

Yes No

If "yes," explain on a separate signed sheet.

D. Mechanical, Electrical, or Plumbing Contractor(s)

If utilized in the design of the project, respond for all Member mechanical, electrical, or plumbing ("MEP") contractors. If relevant, use additional signed sheets to respond for multiple MEP contractors.

1. Name of license holder exactly as on file with the Contractors State License Board ("CSLB"): _____

2. License classification(s): _____

3. License #: _____

4. Issue Date: _____

5. Expiration Date: _____

6. Public Works Contractor Registration # on file with the Department of Industrial Relations ("DIR"): _____

7. Has any CSLB license held by the MEP contractor or its qualifying individual been suspended or revoked within the last five (5) years?

Yes No

If "yes," explain on a separate signed sheet.

8. Has the MEP contractor changed names or license numbers within the past five (5) years?

Yes No

If "yes," explain on a separate signed sheet.

III. PERFORMANCE HISTORY

1. Has Design/Builder or any Member or Associate ever been found liable in a civil suit, or found guilty in a criminal action, for making any false claim or material misrepresentation to any public agency or entity?

Yes No

If "yes," explain on a separate signed sheet, including identifying who was found liable or guilty, the court and case number, the name of the public entity, the civil or criminal verdict, the date, and the basis for the finding.

2. Has Design/Builder or any Member or Associate ever been convicted of a crime involving any federal, state, or local law related to construction or any crime involving fraud, theft, or any other act of dishonesty?

Yes No

If "yes," explain on a separate signed sheet, including identifying who was convicted, the name of the victim, the date of the conviction, the court and case number, the crimes, and the grounds for the conviction.

3. At any time in the last five (5) years, has Design/Builder or any Member been assessed liquidated damages under a construction contract?

Yes No

If "yes," explain on a separate signed sheet, including the project, owner, owner's address, date of completion, and amount of liquidated damages.

4. At any time in the last five (5), has Design/Builder or any Member or Associate been debarred, disqualified, removed or otherwise prevented from bidding on, or completing, any public works project?

Yes No

If "yes," explain on a separate signed sheet, including the project, the year of the event, owner, owner's address, and basis for the action.

5. At any time in the last five (5) years, has a public agency found that Design/Builder or any Member was not a responsible bidder?

Yes No

If "yes," explain on a separate signed sheet, including the project, the year of the event, owner, owner's address, and basis for the finding.

6. In the past five (5) years, has any claim exceeding \$50,000 been filed by or against Design/Builder or any Member in court or arbitration concerning work or payment on a construction project?

Yes No

If "yes," explain on a separate signed sheet, including the project name, court or arbitration case name and number, and a brief description of the status of the claim.

7. In the past five (5) years, has there been more than one occasion in which Design/Builder or any Design/Builder member was required to pay either back wages or penalties for failure to comply with California prevailing wage laws or federal Davis-Bacon prevailing wage requirements?

Yes No

If "yes," explain on a separate signed sheet, describing the nature of the violation(s), project, owner, and amount paid, if any.

8. At any time during the past five (5) years, has Design/Builder or any Member been found to have violated any provision of California apprenticeship laws or regulations, or laws pertaining to use of apprentices on public works projects?

Yes No

If "yes," explain on a separate signed sheet, including date(s) of such findings and attaching the Division of Apprenticeship Standards' final decision(s).

IV. BONDS AND INSURANCE

A. Bonds

1. Attach a notarized statement from an admitted surety insurer (approved by the California Department of Insurance and authorized to issue bonds in the State of California), which states the current bonding capacity of the Design/Builder (both single job limit and aggregate limit). Note: Design/Builder must have capacity to provide a 100% payment bond and a 100% performance bond, each issued by an admitted surety insurer, without bonding subcontractors.
2. Provide the name, address, and telephone number of the surety agent: _____

3. List all sureties that have written bonds to the Design/Builder or any Member during the last five (5) years:

Name	Address	Date of Bond

4. In the last five (5) years, has any surety paid on behalf of the Design/Builder or any Member as a result of a default to satisfy any claims made against a payment or performance bond?

Yes No

If "yes," explain on a separate signed sheet, including the amount of each claim, name and telephone number of claimant, date of and grounds for the claim, and present status.

5. If Design/Builder or any Member was required to pay a premium of more than one (1) percent for a performance and payment bond on any project in the last five (5) years, state the percentage: _____

Explain on a separate signed sheet why Design/Builder or Member was required to pay the premium of more than one (1) percent.

6. In the last five (5) years, has Design/Builder or any Member been denied bond coverage by a surety company or had no surety bond in place when one was required?

___ Yes ___ No

If "yes," explain on a separate signed sheet, including the name of the surety company and/or period during which Design/Builder or Member had no bond in place.

B. Insurance

1. Does Design/Builder have commercial general liability insurance with a policy limit of at least \$5,000,000 per occurrence and \$10,000,000 aggregate with a California admitted company?

___ Yes ___ No

If "no," provide on a separate signed sheet what policy limits are available to Design/Builder.

2. Does Design/Builder have current workers' compensation insurance as required by the California Labor Code or is Design/Builder legally self-insured pursuant to the California Labor Code?

3. Does Design/Builder have professional liability (errors and omissions) insurance with a policy limit of at least \$2,000,000 aggregate from a California admitted company?

___ Yes ___ No

If "no," provide on a separate signed sheet what policy limits are available to Design/Builder.

4. In the last five (5) years, has any insurance carrier, for any form of insurance, refused to renew an insurance policy for Design/Builder or any Member?

___ Yes ___ No

If "yes," explain on a separate signed sheet, including the name of the insurance carrier, form of insurance, and year of the refusal.

V. SAFETY

1. Attach a description, not to exceed one (1) page, of Design/Builder's worker safety program as applicable to this project.

2. Within the past five (5) years, has the California or federal Occupational Safety and Health Administration ("OSHA") cited and assessed penalties against Design/Builder or any Member, for "serious," "willful" or "repeat" violations of its safety or health regulations?

Yes No

If "yes," explain on a separate signed sheet, identifying the citation(s), nature of the violation(s), project, and amount of penalty paid, if any.

3. Within the past five (5) years, has the Environmental Protection Agency ("EPA") or any Air Quality Management District or any Regional Water Quality Control Board cited and assessed penalties against Design/Builder or any Member or the owner of the project on which Design/Builder/Member was the contractor?

Yes No

If "yes," explain on a separate signed sheet, identifying the citation(s), nature of the violation(s), project, and amount of penalty paid, if any.

4. State the Workers' Compensation Experience Modification Rate ("EMR") for Design/Builder and each Member for the past three (3) premium years:

Year	EMR

If EMR was 1.00 or higher in any of three (3) years, attach a letter of explanation.

5. State the total recordable injury or illness rate and the lost work rate for Design/Builder and each Member for the past three (3) years:

Year	Incident Rate	Lost Work Rate

6. Within the past five (5) years, has there ever been a period when Design/Builder or any Member had employees but was without workers' compensation insurance or state-approved self-insurance?

___ Yes ___ No

If "yes," explain on separate signed sheet, including the date(s) and reason(s) for the absence of workers' compensation insurance.

VI. PROJECT EXPERIENCE AND REFERENCES

1. How many design-build projects have the general contractor and architect of record involved in this Design/Builder completed together? _____
2. For the completed design-build projects identified in the preceding answer, state:
 - a. Total dollar value of all contracts: _____
 - b. Dollar value of single largest contract: _____
3. How many California TK-12 public school construction projects (both under construction and completed) has/have:
 - a. The general contractor for the Design/Builder built in the past five (5) years?

 - b. The architect of record for the Design/Builder designed in the past five (5) years?

 - c. The engineer(s) for the Design/Builder designed in the past five (5) years?

 - d. The MEP contractor(s) for the Design/Builder worked on in the past five (5) years?

4. Complete **both** project reference forms attached hereto as **Exhibits A-1 and A-2**. District may, in its discretion, contact project references.
5. Attach resumes or similar documents, not to exceed one (1) page each, showing the experience, training, and qualifications for up to six (6) proposed key personnel of the Design/Builder.

VII. SKILLED AND TRAINED WORKFORCE COMPLIANCE

1. By this submittal, Design/Builder hereby acknowledges, agrees, and hereby provides an enforceable commitment to District that:

- a. Design/Builder and its subcontractors at every tier will use a skilled and trained workforce to perform all work on the project or contract that falls within an apprenticeable occupation in the building and construction trades, in accordance with Public Contract Code section 2600 et seq.;

VIII. CERTIFICATION

Design/Builder and all Members must sign. Copy this certification page as needed for each Member.

I certify and declare that I have read all the foregoing answers to this prequalification template; that all answers are correct and complete to the best of my own knowledge and belief. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Date: _____, 20__

Name of Design/Builder or Member: _____

Signature by authorized individual: _____

Print Name: _____

Title: _____

EXHIBIT A-1

Design-Build Project References

List the three most recent design-build projects, each with a contract price over \$35 million, completed by the general contractor for the Design/Builder. The projects may be public or private. Contact information must be current and viable. (Copy additional sheets.)

1. Project Name: _____
2. Project Address: _____

3. Owner (name and tel. #): _____

4. Architect (name and tel. #): _____

5. Construction Manager (name and tel. #): _____

6. Scope of Work: _____

7. Original Completion Date: _____
8. Actual Completion Date: _____
9. Time Extensions Granted (# of days): _____
10. Initial Contract Value: _____
11. Final Contract Value: _____

Date: _____, 20__

Signature by authorized individual: _____

Print Name: _____

Title: _____

EXHIBIT A-2

CA TK-12 Public School Project References

List the three most recent California TK-12 public school construction projects, each with a contract price over \$35 million, completed by the general contractor for the Design/Builder. Contact information should be current and viable. (Copy additional sheets.)

1. Project Name: _____
2. Project Address: _____

3. Owner (name and tel. #): _____

4. Architect (name and tel. #): _____

5. Construction Manager (name and tel. #): _____

6. Scope of Work: _____

7. Was this a design-build project? _____
8. Original Completion Date: _____
9. Actual Completion Date: _____
10. Time Extensions Granted (# of days): _____
11. Initial Contract Value: _____
12. Final Contract Value: _____

Date: _____, 20__

Signature by authorized individual: _____

Print Name: _____

Title: _____

EXHIBIT A-3

Conflict Of Interest Checklist

Review this Conflict of Interest Checklist and return with the SOQ the Form signed to indicate and explain potential conflicts, if any.

An Organizational conflict of interest may exist in any of the following cases:

The Proposer, or its principals, own real property in a location where there may be a positive or adverse impact on the value of such property based on the recommendations, designs or other deliverable required by this contract.

The Proposer is providing services to another governmental or private entity and the Proposer knows or has reason to believe, that the entity's interests are, or may be, adverse to the Roseville City School District's ("District") interest with respect to the specific project covered by this contract. **Comment:** the mere existence of a business relationship with another entity would not ordinarily need to be disclosed. Rather, this focuses on the nature of services commissioned by the other entity. For example, it would not be appropriate to propose on a District project if a local government has retained the Proposer for the purposes of persuading the District to stop or alter the project plans.

The Proposer is providing design services to a private entity, including, but not limited to, developers, whom the Proposer knows or has good reason to believe, own or are planning to purchase property affected by the project covered by this contract, when the value or potential uses of such property may be affected by the Proposer's performance of work pursuant to this contract. "Property affected by the project" includes property that is in, adjacent to, or in reasonable proximity to the current or potential right-of-way for a project. The value or potential uses of the private entity's property may be affected by the Proposer's work pursuant to the contract when such work involves providing recommendations for right-of-way acquisition, access control and the design or location of frontage roads and interchanges. **Comment:** this provision does not presume the Proposer knows or has a duty to inquire as to all of the business objectives of its clients. Rather, it seeks the disclosure of information regarding cases where the Proposer has a reason to believe that its performance of work under this contract may materially affect the value or viability of a project it is performing for the other entity.

The Proposer has a business arrangement with a District representative or immediate family member of such representative, including promised future employment of such person, or a subcontracting arrangement with such person, when such arrangement is contingent on the Proposer being awarded this contract. This item does not apply to pre-existing employment of current or former District representatives, or their immediate family members. **Comment:** this provision is not intended to supersede any statutes or policies applicable to its own employees accepting outside employment. This provision is intended to focus on identifying situations where promises of employment have been made contingent on the outcome of this particular procurement. It is intended to avoid a situation where a Proposer may have unfair access to "inside" information.

The Proposer has, in previous work for any district, provided design services and such professional services that potentially provides the Proposer with an unfair advantage in preparing a proposal for this project. **Comment:** this provision will not, for example, necessarily disqualify a Proposer who provided surveying or material testing services for this project, however, such work must be disclosed and all work products must be provided.

The Proposer has in previous work for the District, been given access to "data" relevant to this procurement or this project that is classified as "private" or "nonpublic" under the California Public Records Act (see Gov. Code 55 6250-6270), and such data potentially provides the Proposer with an unfair advantage in preparing a proposal for this project. **Comment:** this provision is intended to avoid a situation where a Proposer has been provided information that cannot be provided to other Proposers.

The Proposer has, in previous work for the District, managed or assisted in the management of the District's design-build program, performing such work as: helping to create the ground rules for this solicitation, writing this solicitation, or preparing evaluation criteria or evaluation guides for this solicitation.

The Proposer, or any of its principals, because of any current or planned business arrangement, investment interest, or ownership interest in any other business, may be unable to provide objective advice to the District.

DISCLOSURE OF POTENTIAL CONFLICT OF INTEREST FORM

Having had the opportunity to review the Conflict Of Interest Checklist, the Proposer hereby indicates that it has, to the best of its knowledge and belief:

_____ Determined that no potential organizational conflict of interest exists.

_____ Determined a potential organizational conflict of interest as follows:

Attach additional sheets as necessary

Describe nature of the potential conflict(s):

Signature: _____

APPENDIX C

DISTRICT CRITERIA DOCUMENTS

SECTION 7

GUIDING PRINCIPLES

7. Guiding Principles

CHARACTER AND IDENTITY

Introduction

The new 'PR-92' Elementary School (New School) is an important element of the Placer Ranch community in which it resides. The purpose of this section is to provide the DBE with information related to the character and identity of the New School as identified by the leadership team. The context for this section is provided by the RCSD Facilities Utilization Master Plan - Education Specifications, and by the Placer Ranch (Placer One) Development Standards & Design Guidelines (see References). The New School should be harmonious with the community and embody an innovative culture of learning.

Overall Theme

The New School is envisioned as a “true 21st century learning environment”, in that it supports a variety of student centered teaching and learning styles. Children are engaged and excited to attend school, and parents and community members feel connected to the school. The New School will be part of a larger community that has an identifiable sense of place, job center, university campus, urban town center, and recreational facilities.

Guiding Principles

Each of the guiding principles reinforces the others and serves the overall theme, character, and identity goals of the New School. Each principle is described in terms of community harmony and innovative learning culture. A list of components is provided for each principle, as well as clarification images that illustrate the preferred implementation. The DBE firm has creative license to explore these principles and to develop solutions that meet them.

The Guiding Principles are:

- Welcoming with a Clear Identity
- Safe and Supportive
- Flexible and Adaptable
- Diverse Array of Open, Protected, and Collaborative Spaces
- Health and Wellbeing

June 10, 2026

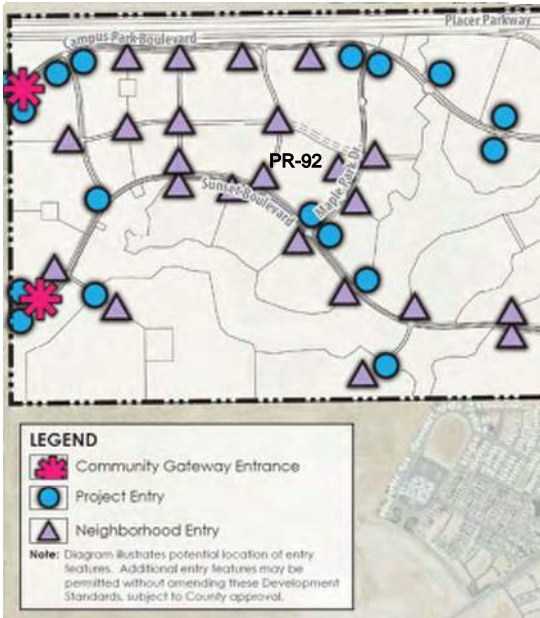
DESIGN-BUILD CRITERIA DOCUMENTS

New Elementary School (PR-92)

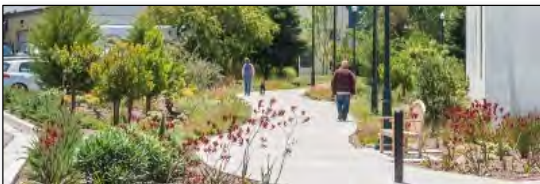
Roseville City School District

7-2

7. Guiding Principles



Neighborhood Entries



Placer Ranch Paseo Design Concept

Welcoming with a Clear Identity

Community Harmony:

The **Placer Ranch Specific Plan – Design Guidelines** includes a list of design themes that inform the character of the surrounding neighborhood and by extension the New Elementary School. The planned school site (**parcel PR-92**) is surrounded by low and medium density residences, a 35-acre public park, and a business park. In addition to vehicular access, the neighborhoods are linked by landscaped paseos and bike paths (shared and Class II) that help unify the community. The New School should compliment the vision of the Placer Ranch Specific Plan.

Taking design and materials cues from these design themes will connect the community directly to its school.

Innovative Culture of Learning:

The primary front door entrance and the secondary pedestrian and drop off entrances of the school all convey and reinforce the identity and character of the school as well as its neighborhood context. This principle identifies design components that evoke an immediate sense that one has arrived at place that is focused on new styles of learning that is student-centered, and inspires engagement and innovation. Components of Welcoming with a Clear Identity:

- A visible and easily accessible front door to the campus adjacent to the administration functions that is accessed via a partially covered exterior landscaped area for gathering and transitioning from neighborhood to school.
- Architecture, signage, and landscaping design aesthetic that is in harmony with the neighborhood entry design theme and is accessible to children of all ages and sizes.
- A welcoming interior lobby space with comfortable soft seating areas and direct visible access to administrative staff.
- Plentiful opportunities to display and showcase student work.
- Daylighting and views to landscaping.

7. Guiding Principles



Passive solution (preferred)



Active solution (allowed)

Safe and Supportive

Community Harmony:

School connection to the community is a vital component of creating a safe and supportive environment in which to teach and learn. Neighbors who are engaged with the school are more inclined to look out for any unusual or undesirable behavior and protect. Safety and security are enhanced by school design that is welcoming to the community by fostering positive relationships between neighbors, students and parents. To connect neighbors to the school requires that the community feels invited into the school through a welcoming front door and shared use spaces such as the multi-purpose room, front administration lobby, and the adjacent park. The site is also situated adjacent to planned arterial and collector streets. Placement of parking and pedestrian mobility pathways should be considered to promote safe passage to the campus.

Innovative Culture of Learning:

A culture of learning that supports innovation is created via engagement. Engaged students and teachers LOVE coming to school. Engagement occurs once trust has been established, and to trust, one must feel safe and supported. Learning thrives in an environment that is transparent because being seen is the best way to encourage trust worthy behavior. A welcoming and clear identity communicates “this school is a safe environment because we trust you.” The inherent message here is that responsible behavior reinforces and builds trust. Passive security solutions are therefore preferred because they convey an attitude of trust and responsibility. “Passive program and building configuration should be the primary focus, with active security systems the secondary focus”, (see references, Passive Security Concepts page 4-9 through 4-11 of the RCS D Facilities Utilization Master Plan).

Components of Safe and Supportive:

- Transparency, use of glazing and open space to provide visual access between spaces
- Prospect, the ability to see all parts of the campus from a distance and from above
- Passive security through the use of landscaping and hardscaping to direct flow of students and others
- Unobtrusive and minimal use of fencing solely for the purpose of wayfinding and space definition
- Warm earth tones and natural interior and exterior materials
- Home-like architectural detailing

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DESIGN-BUILD CRITERIA DOCUMENTS

New Elementary School (PR-92)

Roseville City School District

7. Guiding Principles



Flexible furniture (preferred)



Traditional furniture (not allowed)

Flexible and Adaptable

Community Harmony:

Community members have the flexibility to access the campus via car, bike and on foot. Great care has been taken to design the neighborhood so it is accessible by all. The paseos are an example of community connectedness that can be emulated by the pathway design in and around the New School. Seamless and well-integrated accessible pathways in and around campus adapt to community members of all ages and abilities. Spaces designed for flexibility adapt to community needs whether it be a food drive, a celebratory community event, or a meeting of the bridge club.

Innovative Culture of Learning:

Technology and innovation go hand in hand. Adaptive technologies make innovation accessible to everyone. The New School campus anticipates change via flexibility and the understanding that learning takes place “in every corner of the school.” To create a future-ready learning environment the New School embraces flexible solutions wherever possible.

Components of Flexible and Adaptable:

- Furniture that is movable and easily reconfigurable by a child
- Ergonomically designed furniture (one size does not fit all)
- Flexible storage and display
- Technology access everywhere on campus (indoors and outdoors)
- Collaboration space for teachers with visual access to students
- Easily reconfigurable spaces which are flexible in size

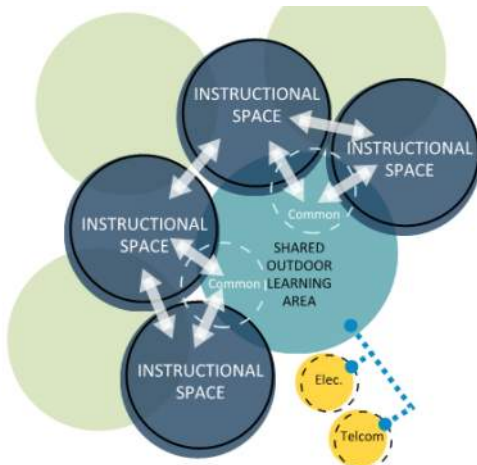
Diverse Array of Open, Protected, and Collaborative Spaces

Community Harmony:

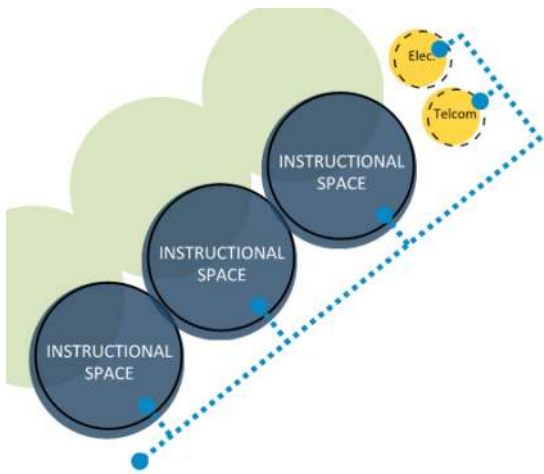
A neighborhood includes many different types of spaces both indoors and outdoors that support a variety of types of interaction among community members and family members, as well as providing space for personal quiet time. Providing a rich array of choices promotes harmony within the community by honoring individual needs and supporting them. The New School contributes to the community harmony by providing access to additional spaces that increase neighborhood value and are appreciated and cared for by the community.

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7. Guiding Principles



Learning Community



Traditional Classrooms

Innovative Culture of Learning:

The RCS D Facilities Utilization Plan Education Specifications identifies Learning Communities as the organizational concept for providing core academic and special needs. A learning community is characterized by a wide variety of learning spaces that provide opportunities for student learning individually through introspection, learning collaboratively from peers, learning by doing, and learning from experts. Students rotate through the different learning environments throughout the day, personalizing their learning experience. They are the architects of their learning, supported and mentored by the teachers around them.

Components of Diverse Array of Open, Protected, and Collaborative Spaces:

- Alternative spaces for quiet introspection
- Transparent collaborative spaces for students
- Transparent collaborative spaces for teachers
- Presentation (lecture) spaces for 20-50
- Outdoor collaborative spaces, adjacent to indoor instructional spaces
- Outdoor learning spaces that are protected from the elements
- A variety of flexible indoor and outdoor community spaces connected to the neighborhood
- Small single grade and/or multi-grade learning communities of 75- 125 students (schools within the school)

Health and Wellbeing

Community Harmony:

A walkable, bike-able community is inherently healthy. The neighborhood design celebrates the natural beauty of the surrounding landscape and draws upon native habitat as well as historical references in the design of streetscapes and landscaping. Harmony with the environment is a precursor to community harmony. The New School engages in strategies for the reduction and conscientious use of natural resources as a means of adding to the health and wellbeing of the community at large.

7. Guiding Principles



Daylit environment (preferred)



Artificially lit environment (allowed)

Innovative Culture of Learning:

Healthy environments include plentiful daylighting, great indoor air quality, connection to the outdoors, and natural beauty. These components are known to enhance human cognitive (learning and retention), physiological (metabolic systems such as digestive, endocrine, hormonal), and psychological (mood, emotions) wellbeing. An innovative culture thrives in healthy environments.

Components of Health and Wellbeing:

- Daylighting in every space
- Low or no VOC emitting interior materials (wall finishes, flooring, cabinetry, furniture, etc.)
- Access to nature and views of nature from every space
- Access to natural seasonal events (rain, deciduous vegetation, movement of clouds and shadows)
- Minimally processed natural materials used in architecture
- Access to the sights, sounds, taste, touch and smells of nature
- Emphasis on long lasting durable natural architectural solutions (such as boulders in lieu of benches)
- Energy efficient systems (HVAC, lighting)
- Solar ready roofs

Conclusion

These guiding principles in concert with the overall theme, goals, and supporting reference documentation are provided as a road map to the successful design and construction of the New Elementary School. The DBE is encouraged to take these principles as a starting point in the development of a design solution that conveys the character and identity of the New School. In the words of a leadership team member envisioning what will be said about this school in the future, “Kids love learning here. This school is my kid’s favorite place.”

A “true 21st century learning environment” is achieved via the integration of community and innovation. Critical thinking, communication, creativity and collaboration are cradled in compassion and caring, individually for ourselves, for our community and for our world.

7. Guiding Principles

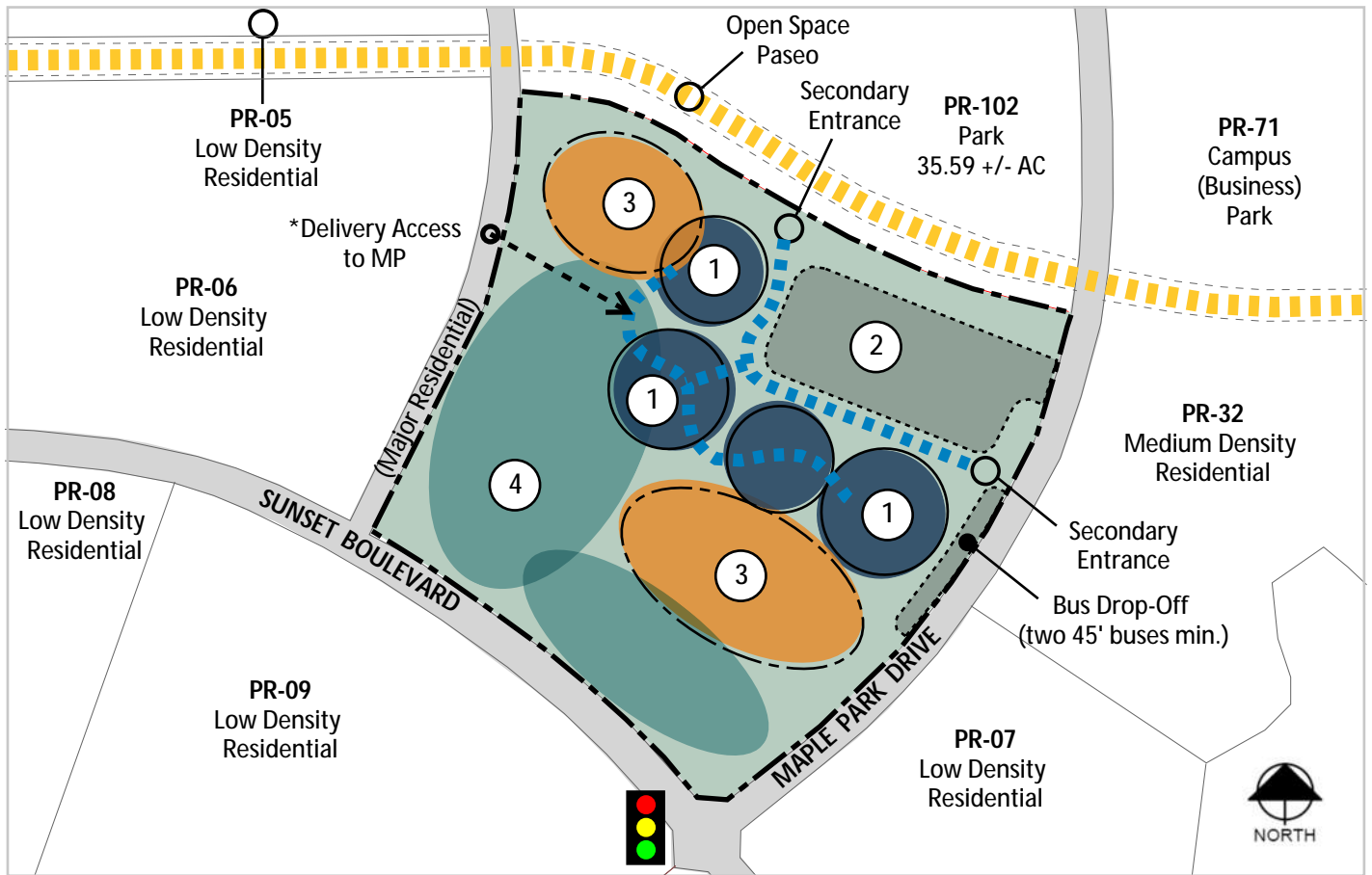
REFERENCES

1. City of Roseville General Plan and Development Guidelines
https://www.roseville.ca.gov/development_services/planning/general_plan.php
2. RCSD Facilities Utilization Master Plan
https://rcsdk8.org/sites/main/files/file-attachments/rcsd_facilities_utilization_master_plan_-_november_2018.pdf
3. Placer Ranch (Placer One) Specific Plan
<https://www.placer.ca.gov/6456/Placer-Ranch-Specific-Plan>
4. The 14 Patterns of Biophilic Design
<https://www.terrabinbrightgreen.com/reports/14-patterns/>
5. Effects of Daylighting on Student Health and Performance
<http://www.wseas.us/e-library/conferences/2013/Malaysia/MAC-MESE/MACMESE-20.pdf>
6. Collaborative for Academic, Social, and Emotional Learning
<http://www.casel.org/>
7. Building a District Culture to Foster Innovation
<https://www.edweek.org/teaching-learning/building-a-district-culture-to-foster-innovation/2013/09>
8. The 21st Century Classroom (Furniture)
<https://smithsystem.com/smithfiles/mobile-classroom-furniture-21st-century>
9. Campfires in Cyberspace: Primordial Metaphors for Learning in the 21st Century
https://www.itdl.org/Journal/Oct_04/invited01.htm

SECTION 8

SITE UTILIZATION DIAGRAMS

8. Site Utilization Diagrams



LEGEND

- Connection to the outdoors
- Instructional Support Space
- Non-Instructional Program Space
- Critical Function
- Primary Adjacency or Integrated Space
- Secondary Adjacency

TEST FIT: THE SITE AND ITS NEIGHBORS

The new 'PR-92' Elementary School (New School) is located on a ± 22.02 acre parcel within the University Creek Neighborhood district of Placer Ranch. This neighborhood is comprised of residential villages, neighborhood parks, and open spaces. Directly adjacent to the largest neighborhood park (PR-71), the New School is part of an important neighborhood node/activity hub that is also surrounded by low and medium density housing. North-east of the New School is a business park. These adjacencies exist to promote joint-use, connectivity, and broader recreational opportunities that add value to the community.

Interconnectivity occurs between the Nodes of the Placer Ranch Specific Plan and surrounding neighborhoods. Pedestrian and bicycle pathways along open space, neighborhood paseos, and roadways link the community. The "paseo" concept should continue throughout the school at a finer scale to help encourage student engagement and experience. These inner campus corridors vary in width according to the number of people using them and contain thematic landscape and hardscape materials consistent with the campus.

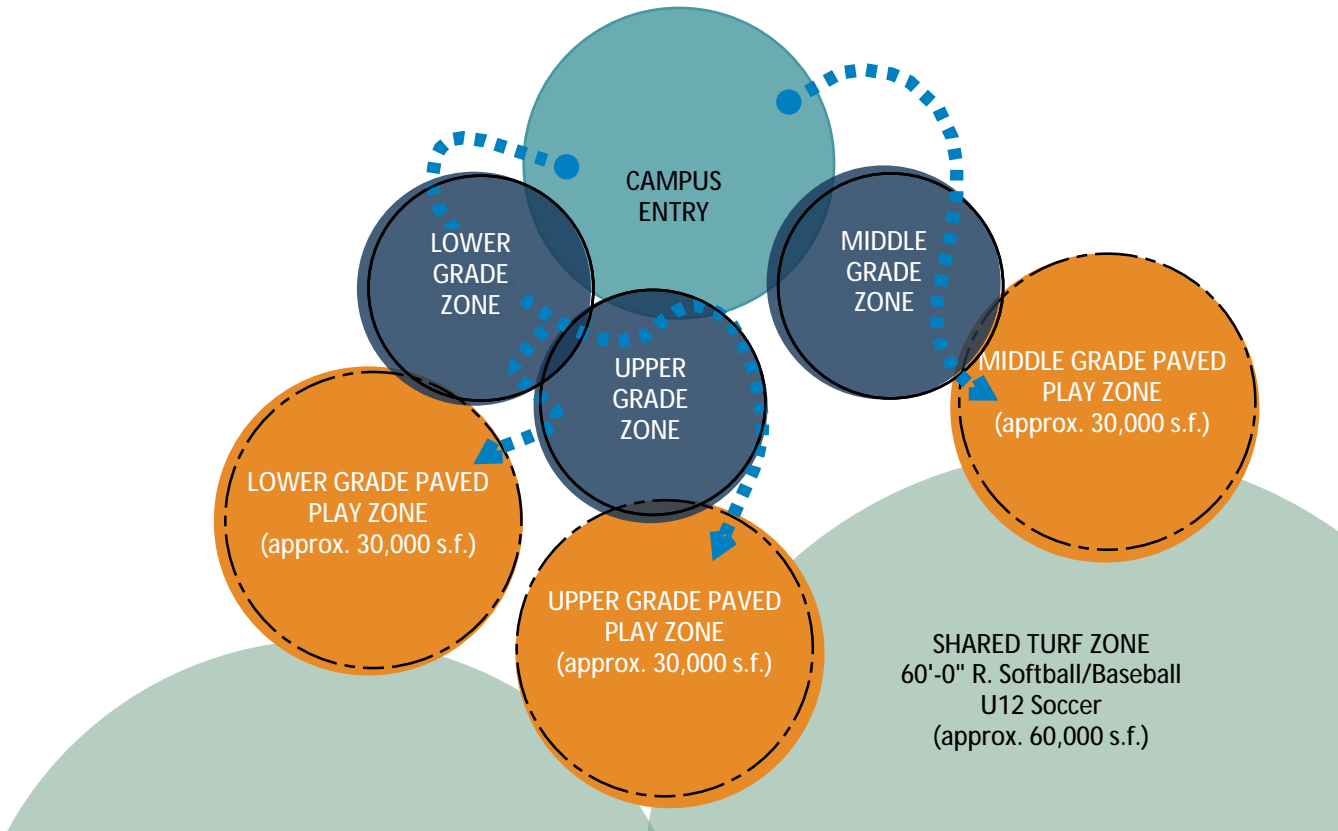
(See Placer Ranch Design Guidelines)

KEY NOTES

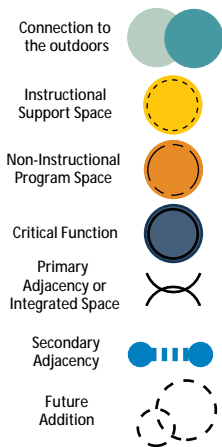
- Academic Zone
- Parking and Drop-Off Zone
- Paved Play Zone
- Shared Turf Zone
- PR-92 Property Boundary
- Campus Paseo

June 10, 2026

8. Site Utilization Diagrams



LEGEND



ACADEMIC AND PLAY ZONES

The campus can be seen to consist of three zones: an academic zone, a paved play zone, and a shared turf zone. The zones are to be connected by the internal campus paseos of the campus.

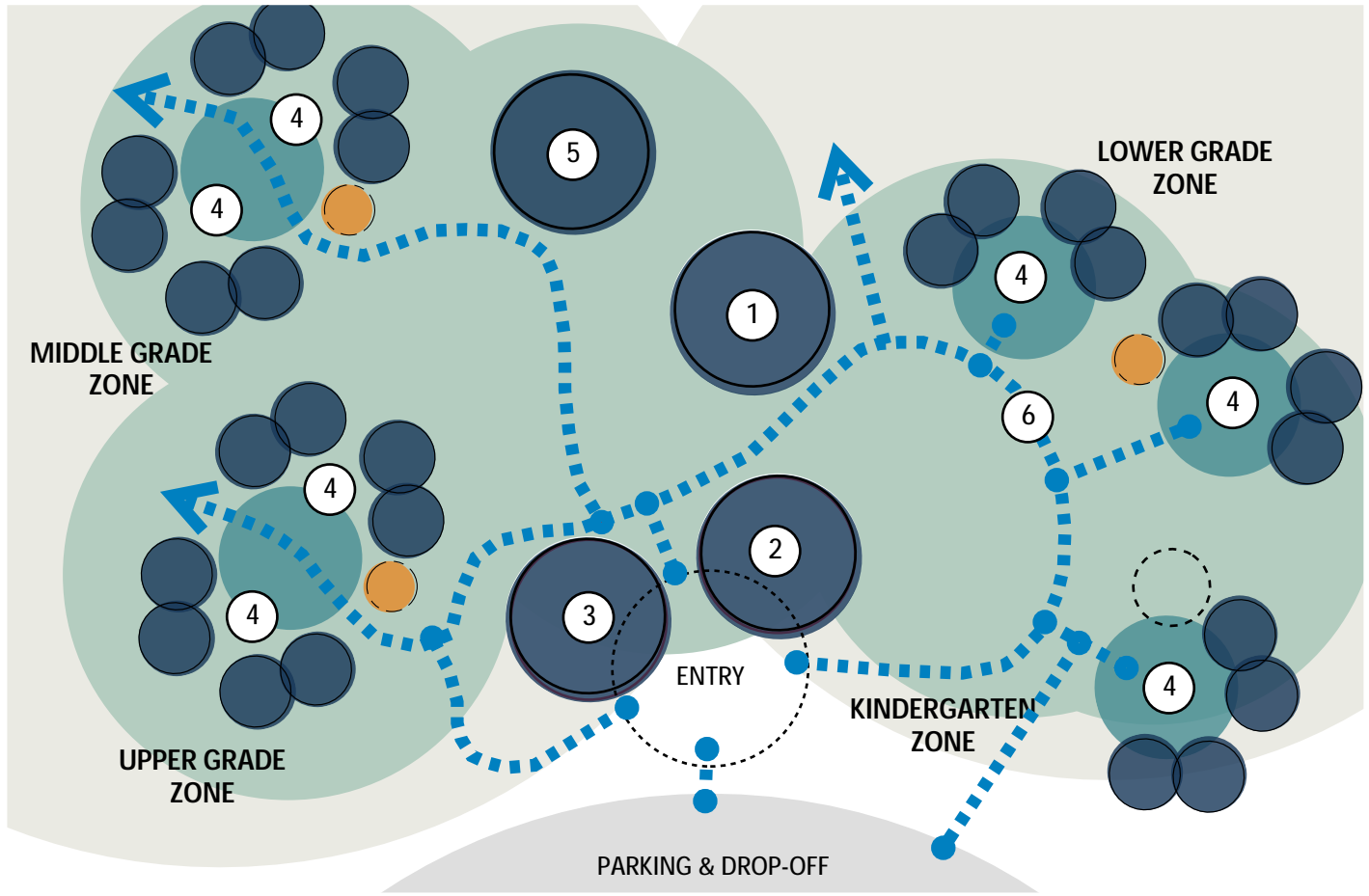
The academic zone, and the paved play zones are further subdivided by upper, lower, and middle grade uses, although the spaces shall be interconnected, contiguous, and supervisable. The academic zone contains the instructional and core functions of the campus. The paved play zones are less structured and should have an oasis-theme atmosphere consisting of maintainable greenery, game lines, age appropriate equipment, and activity. The turf zone supports both play and physical curriculum of the school and local community activities.

Paved Play Area Amenities:

- Fabric Shade Structures
- Age Appropriate Play Structures (*incl. rope play equipment*)
- Hopscotch
- Tetherball
- Four-Square
- Labyrinth
- Number Grid 1-36
- Basketball
- Ball Wall
- Running Lanes (100 yd)

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8. Site Utilization Diagrams



LEGEND

- Connection to the outdoors
- Instructional Support Space
- Non-Instructional Program Space
- Critical Function
- Primary Adjacency or Integrated Space
- Secondary Adjacency
- Future Addition

THE CAMPUS ZONE

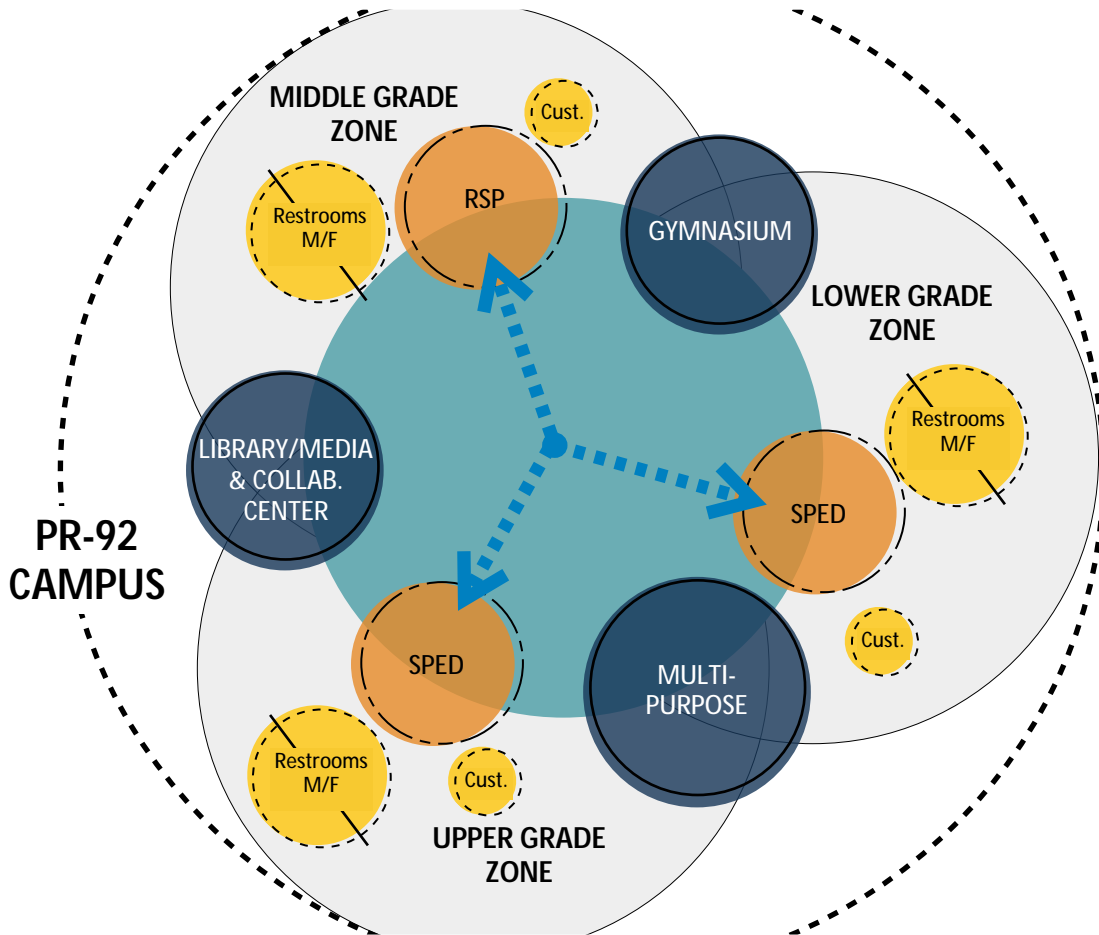
The ordering system of the campus academic zone is linked via the internal paseos. Its varying widths can modulate a sense of spaciousness that mirrors the number of people anticipated moving through an area. The paseo varies from wide and courtyard like, supporting a large group, to narrow indicating that a smaller set of students would be there, such as connecting the Kindergarten learning community to the rest of the campus.

Academic areas are clustered into learning communities of 75- 125 (the cluster of four is an example, not necessarily fixed). Learning communities are adjacent to outdoor learning areas for small groups--shaded and scaled for the small groups that will utilize them.

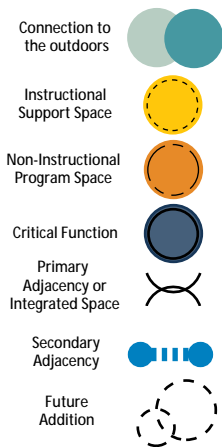
KEY NOTES

- Library/Media & Collaboration Center
- Administration
- Multi-Purpose & Nutritional Services
- Learning Communities w/ Integrated ASD & Program Areas
- Gymnasium
- Campus Paseos

8. Site Utilization Diagrams



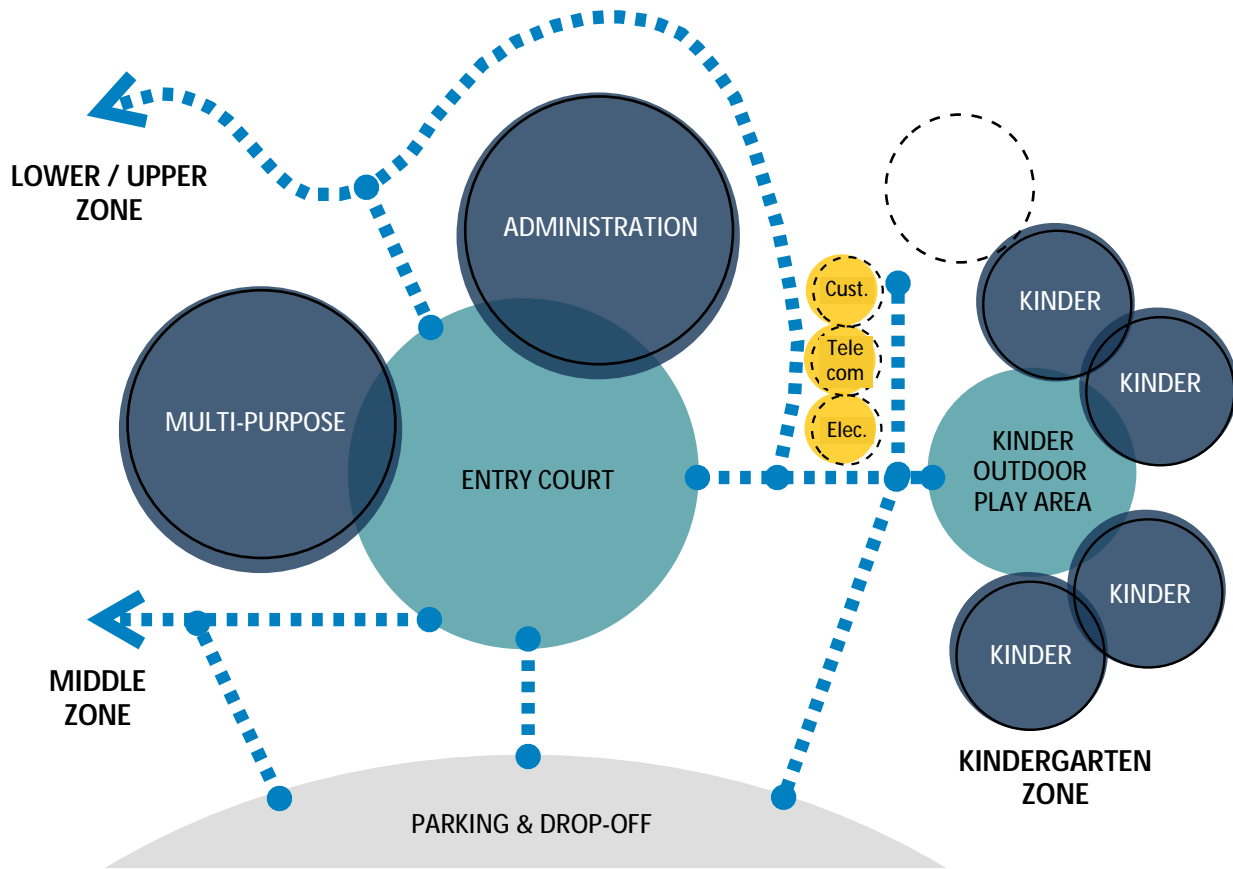
LEGEND



NON-CLASSROOM PROGRAM SPACE, SPED/ ASD, AND OTHER SUPPORT SPACES

Non-classroom and specialty instructional spaces such as speech, RSP, and Special Education (Autism Spectrum Disorder) shall be evenly distributed in both the upper and lower grade zones.

Other Support spaces such as student restrooms, and custodial, shall be clustered and distributed similarly in both the upper and lower grade zones



LEGEND

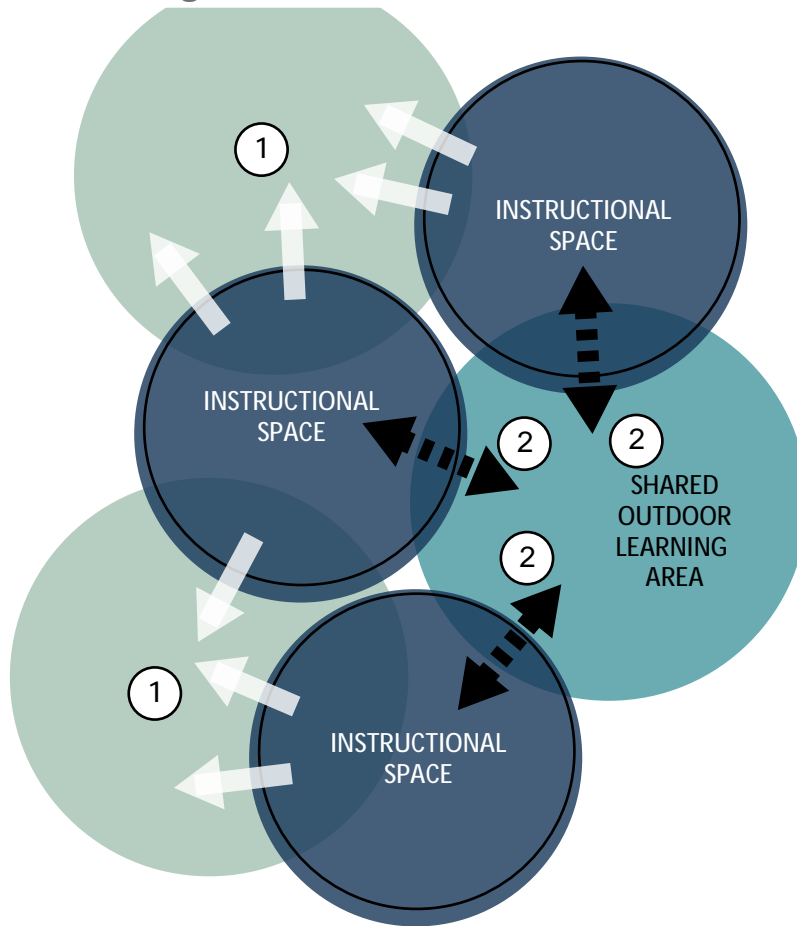
- Connection to the outdoors
- Instructional Support Space
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- Critical Function
- Primary Adjacency or Integrated Space
- Secondary Adjacency
- Future Addition

THE PRIMARY ENTRANCE

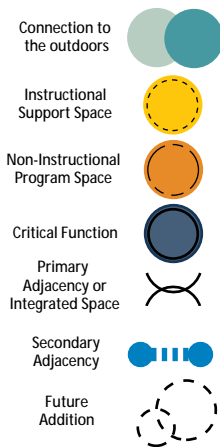
The primary entrance introduces the campus to all who enter. It is welcoming and clear from a distance and expresses the campus's unique identity. These first impressions of campus identity are reinforced throughout the campus, fostering a sense of belonging and supporting positive social interaction. The primary entrance is accessed via the main parking lot, and nearest crosswalk, and is connected to the other entrances to PR-92 site by the campus paseo, the primary path of travel through the campus. The primary entrance is easily distinguished from the secondary entrances and is the undisputable "front door" of the campus.

The Kindergarten Zone shall be accessible to students and parents directly from the parking and drop-off area.

8. Site Utilization Diagrams



LEGEND



INDOOR/OUTDOOR RELATIONSHIPS

The campus can be seen to consist of three zones: an academic zone, a paved play zone, and a shared turf zone. The zones are to be connected by the internal campus paseos of the campus.

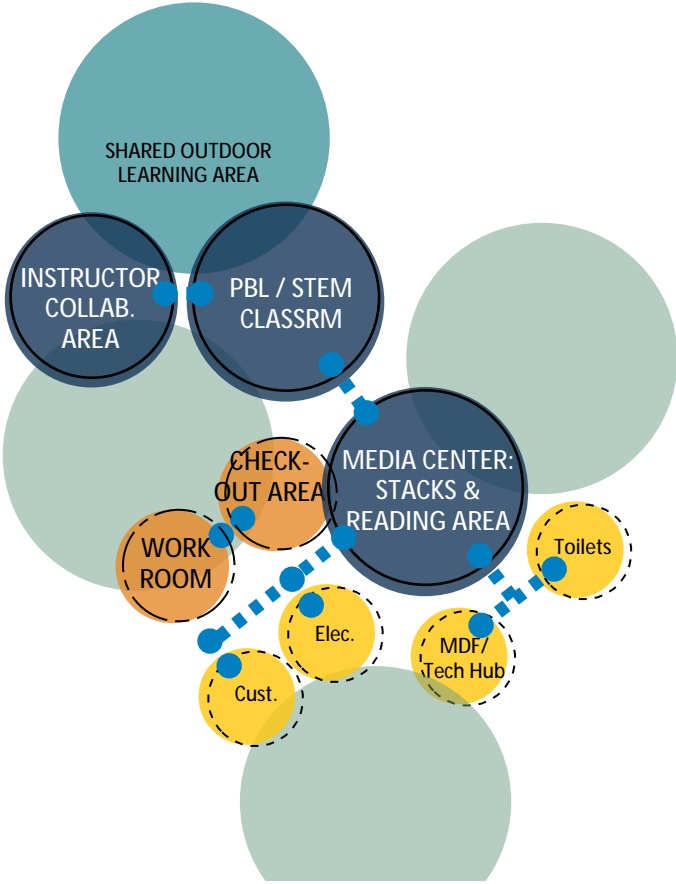
The academic zone, and the paved play zones are further subdivided by upper and lower grade uses, although the spaces shall be interconnected, contiguous, and supervisable. The academic zone contains the instructional and core functions of the campus. The paved play zones are less structured and contain striped pavements, and installed equipment. The turf zone supports the curriculum of the school and local community activities.

KEY NOTES

- ① Views to Nature, Daylight (controllable)
- ② Access to Shared Outdoor Learning that is protected, has permanence, vandal and skateboard resistant
 - Garage or sliding barn doors allowed
 - Pair swing doors preferred; min. single allowed
 - Glazed for supervision required








SECTION 9

BUILDING SPATIAL RELATIONSHIPS



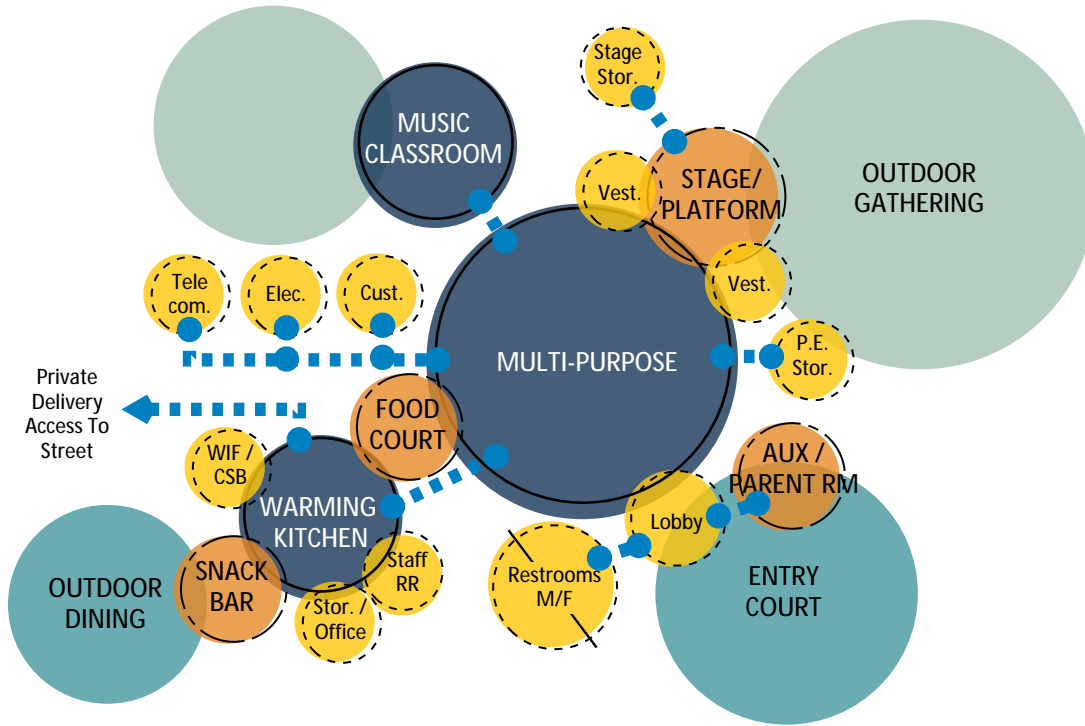
LIBRARY/MEDIA CENTER AND COLLABORATION AREAS

LEGEND

- Connection to the outdoors 
- Instructional Support Space 
- Non-Instructional Program Space 
- Critical Function 
- Primary Adjacency or Integrated Space 
- Secondary Adjacency 
- Future Addition 

The Library/Media Center serves the dual role of research and learning in the traditional sense (including library sciences) and as a student center equipped with access to technological information. This area provides a transparent voice/video/data network and also acts a “technology information distribution center”.

As a centralized facility, this technological supported hub connects to the infinitely flexible student and instructor collaboration area. The activities herein (and immediately outdoors) shall also be transparent and observable to the campus. The PBL/STEM classroom and Instructor Collaboration Area are rich in technology, and available, through furnishings to suit any simulation or project-based endeavor.



LEGEND

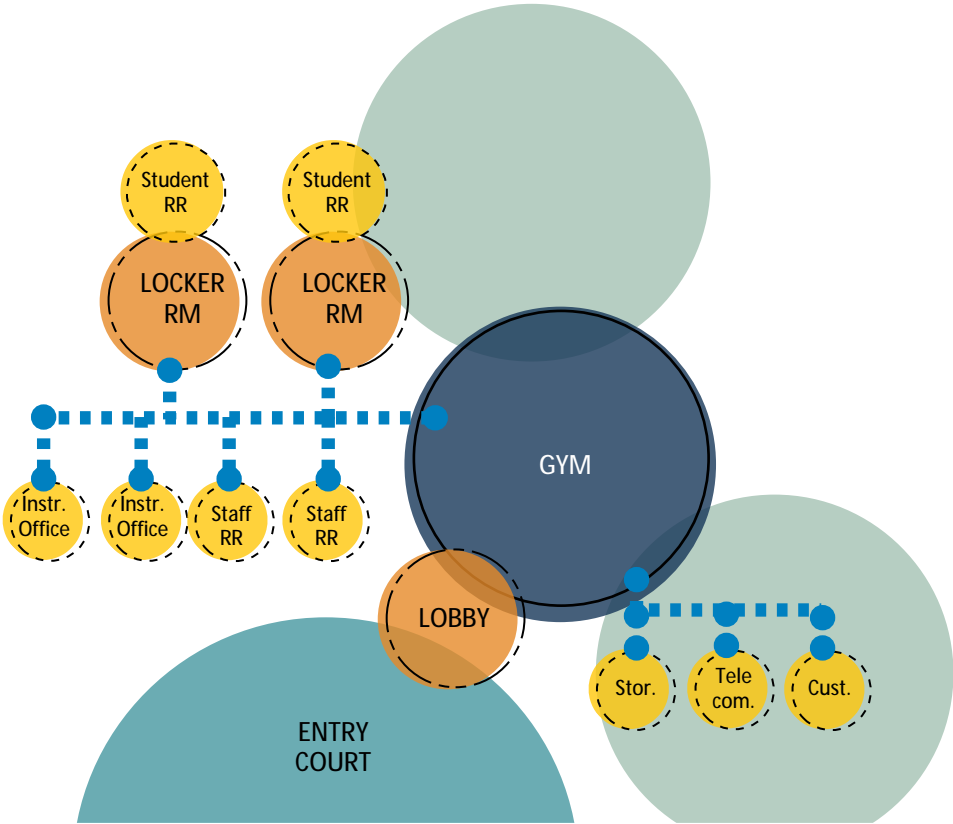
- Connection to the outdoors
- Instructional Support Space
- Non-Instructional Program Space
- Critical Function
- Primary Adjacency or Integrated Space
- Secondary Adjacency
- Future Addition

MULTI-PURPOSE AND NUTRITION SERVICES

The Multi-Purpose space is a prominent feature on campus as the largest core function and is the most available to the community after the Administration Office. As such, it provides its own sense of welcome and identity that connects with the school and community.

It also provides space for assembly, indoor/outdoor dining and access to food services, physical education (at minimum basketball and volleyball), and performance via an accessible platform indoor/outdoor.

Acoustics as well as secure community access for non-school hours are also essential.

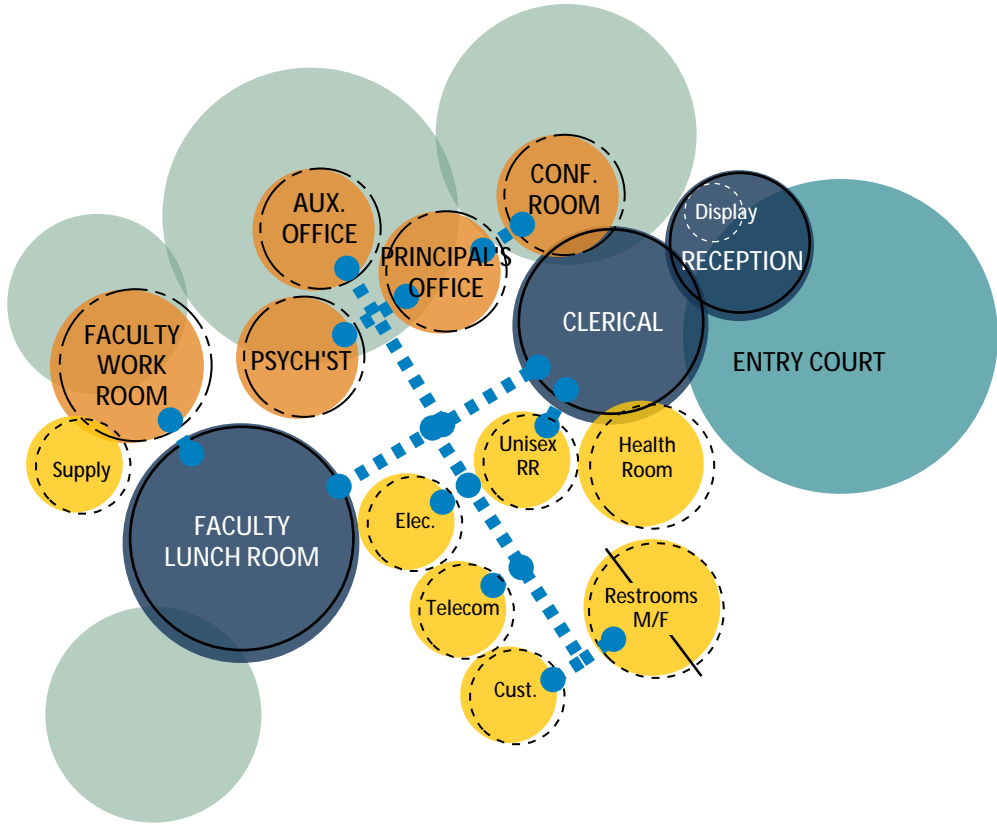


LEGEND

- Connection to the outdoors
- Instructional Support Space
- Non-Instructional Program Space
- Critical Function
- Primary Adjacency or Integrated Space
- Secondary Adjacency
- Future Addition

GYMNASIUM

The Gymnasium is another prominent feature on campus that serves the physical educational program and helps deliver indoor sport-focused fundamentals as well as competitive levels of play. This facility may also be used for spectator events that help enrich the community and pride.



LEGEND

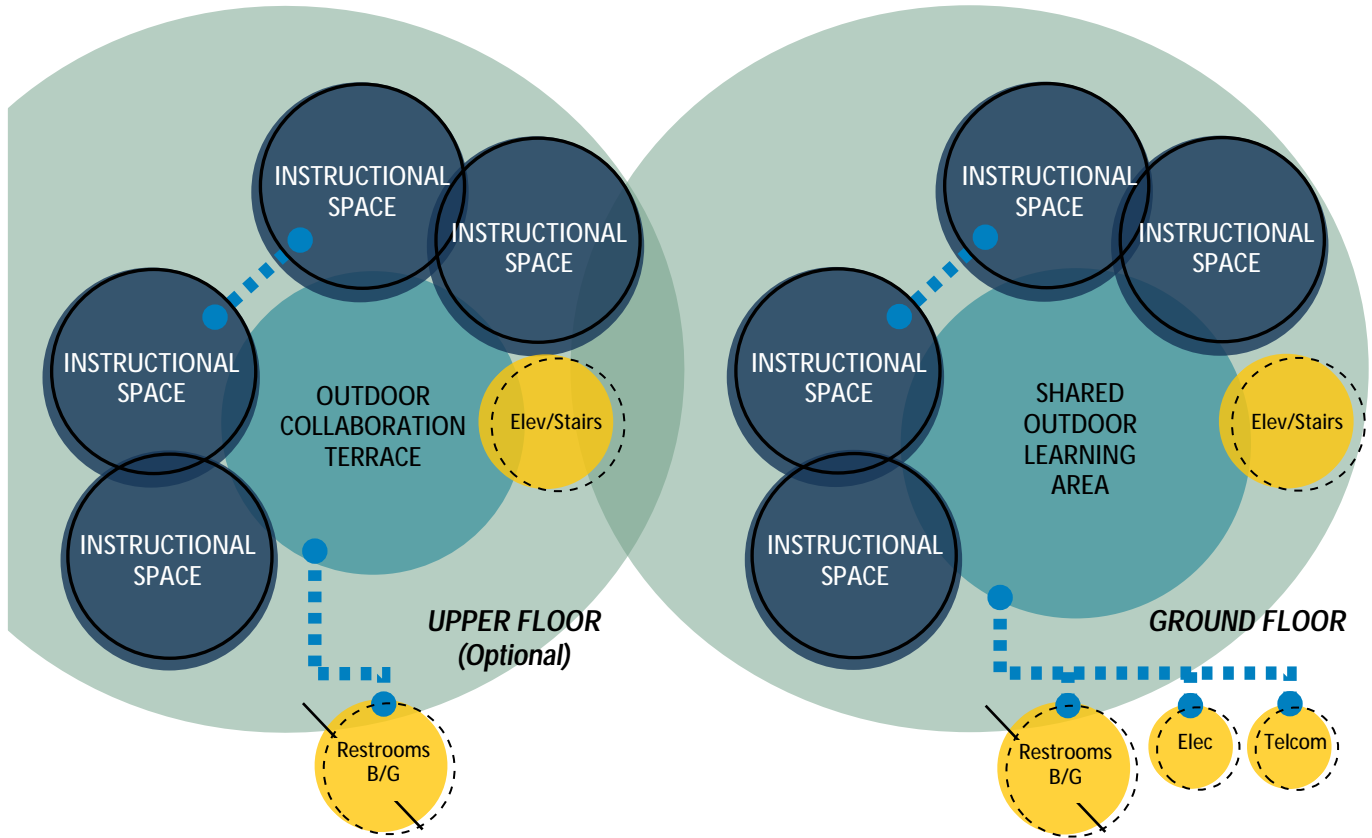
- Connection to the outdoors
- Instructional Support Space
- Non-Instructional Program Space
- Critical Function
- Primary Adjacency or Integrated Space
- Secondary Adjacency
- Future Addition

THE ADMINISTRATIVE OFFICE








Administration is the “front door” of the school. It is the gateway to a welcoming and inviting campus, reinforcing the unique identity of the school and the character of the neighborhood. It is clearly recognizable and well defined as the main point of access to the campus. The Administration Office has clear visibility of the incoming and outgoing students and community and help control the flow of traffic upon arrival.

Extensive display systems shall be provided in the lobby. The scale of the facility shall be child friendly. The design including materials, colors, textures, and daylight shall reinforce the schools connection to the community and to nature.

This is also a centralized destination for students who are coming for counseling and non-instructional support.



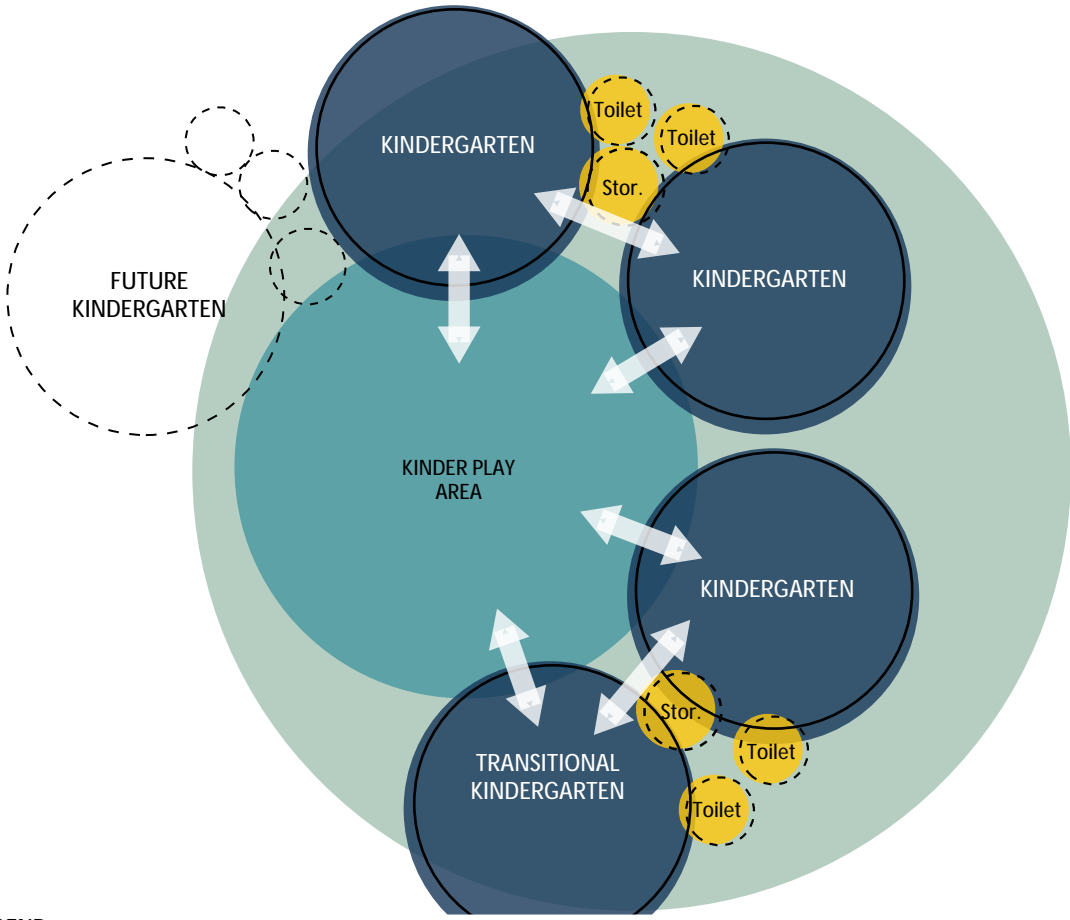
LEGEND

- Connection to the outdoors 
- Instructional Support Space 
- Non-Instructional Program Space 
- Critical Function 
- Primary Adjacency or Integrated Space 
- Secondary Adjacency 
- Future Addition 

THE LEARNING COMMUNITY

The learning community model consists of 4-6 learning studios that include project area within a collaborative commons area. Pairs of KG (or T-K) areas are connected via operable walls or double doors or single doors to encourage teacher team teaching. The entry to the learning community is via the commons area. There are soft acoustically quiet spaces for reading and quiet introspection. Outdoor learning spaces are directly adjacent to indoor spaces. All learning studios have direct physical and visual access to nature. Any multi-story solution(s) should attempt to provide similar access to these amenities.

A transparent collaborative space for teachers is nearby as part of the collaborative center centrally located on campus.

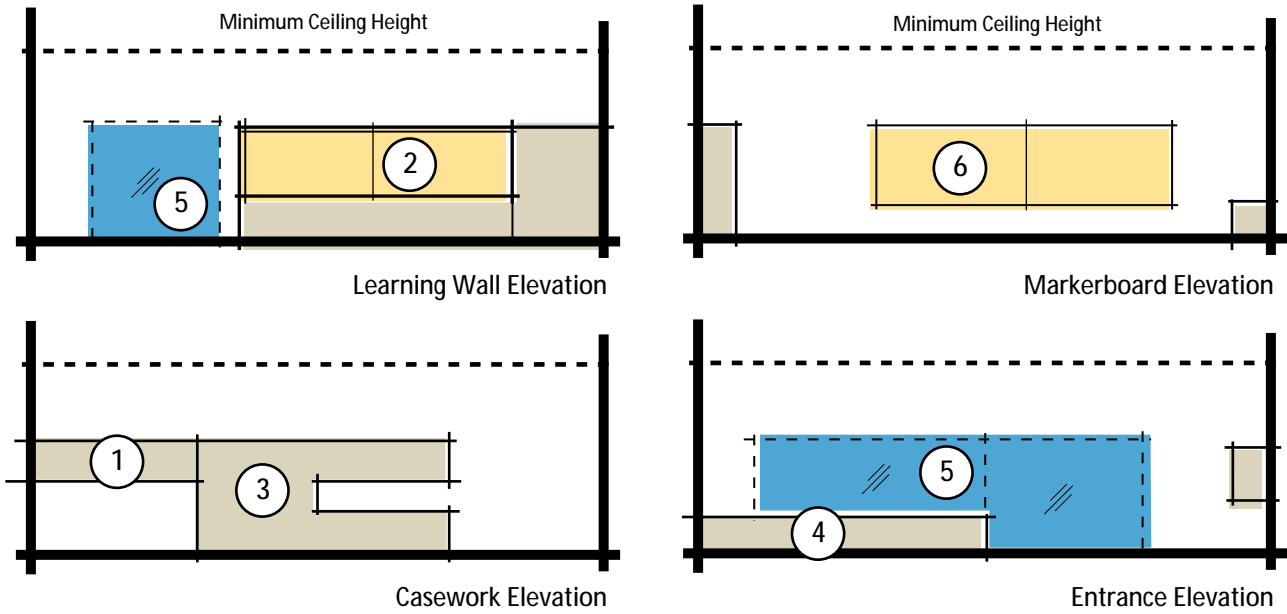


LEGEND

- Connection to the outdoors
- Instructional Support Space
- Non-Instructional Program Space
- Critical Function
- Primary Adjacency or Integrated Space
- Secondary Adjacency
- Future Addition

THE KINDERGARTEN ZONE

The Kindergarten learning community consists of 4-6 learning studios that include messy project area within a collaborative commons area. The entry to the learning community is via the commons area. There are soft acoustically quiet spaces for one-on-one instruction and reading. Pairs of KG (or T-K) areas are connected via operable walls or double doors or single doors to encourage teacher teaming. Outdoor play area is directly adjacent to indoor spaces. All learning studios respond to the scale of these students and have direct physical and visual access to nature.



INSTRUCTIONAL "LEARNING STUDIO" LAYOUT (CONCEPTUAL)

Although possibly conforming to a largely conventional “classroom” configuration, the learning studio is a place of flexibility and a place to support multiple learning modalities. In place of extensive built in cabinetry, movable storage units, TVs and desks will provide functionality for quiet independent study, peer tutoring, teaming, lectures, and project based activities.

Learning Studios are readily accessible to outdoor learning space, protected from the elements, and supervisable from the indoors, as well as accessible to the adjacent room(s).

KEY NOTES

- ① 34 Cubbies | 17 Double Coat Hooks
- ② 16' Markerboards over Upper Storage Shelving & Lower Shelves
- ③ 12' Upper & Lower Cabinets with Sink and Countertop
- ④ Window Seat and Storage Below
- ⑤ Windows and Door
- ⑥ 16' Markerboards

SECTION 10

**ROOM REQUIREMENTS
MATRIX**

KINDERGARTEN

SPACE	ZONE	SF	QTY.	AMENITIES	CLG HT. (MIN.)*
Transitional Kindergarten Classrm (1:20)	Instructional	1350	5	32' fixed whiteboard; 20' upper/lower casework w/ 1 sink, windowseat + open storage; coat hooks for 34; tackboard panels	12'-0"
Kindergarten Classroom (1:24)	Instructional	1350	4	32' fixed whiteboard; 20' upper/lower casework w/ 1 sink, windowseat + open storage; coat hooks for 34; tackboard panels	12'-0"
Toilet	Instructional	65	9	age-appropriate accessible toilets and sinks; bottom half door (to allow supervision)	9'-0"
Storage	Instructional	160	1	lockable upper cabinets w/ 30" d. lower cabinets	9'-0"

Preferred Materials	ROOFING				SKIN			EXTERIOR				INTERIOR				WINDOWS				CEILING				FLOORING				WALLS															
	DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES												
	Metal Roof Panels	Modified Bitumen	Single-ply Membrane (PVC)	Shingles	Stucco	EIFS	Fiber-Cement Siding (Medium Density)	Hollow Metal	Wood	FRP	Aluminum Storefront	Hollow Metal	Aluminum	Hollow Metal	Wood	FRP	Aluminum Storefront	Hollow Metal	Aluminum	Operable	Non-Operable	Aluminum	Hollow Metal	Vinyl	Lay-in Acoustic Tile	Gypsum	Glue-up Tile	Lay-in Washable Tile	Exposed	LVT	Rubber Sheet	Carpet Tile	Epoxy	Sealed Concrete	Polished & Dyed Concrete	Ceramic Tile	FRP	7' Ht. Plastic Laminate Panel	7' Ht. Vinyl Tackboard (25% of Total Wall Area)	Ceramic Tile (Full Height)	Fire Retardant Treated Plywood	Acoustical Wall Treatment	Paint or Gypsum
BASIC SUPPORT																																											
INSTRUCTIONAL																																											
Kindergarten																																											
Transitional Kindergarten Classrm	o	o	o	o	•	o	•				•		o	•						•	•				•	o	o			o	o			•				•			•		
Kindergarten Classroom	o	o	o	o	•	o	•				•		o	•						•	•				•	o	o			o	o			•				•			•		
Toilet	o	o	o	o	•	o	•				•		o	•						•	•				•									o					•			•	
Storage	o	o	o	o	•	o	•				•		o	•						•	•				•		o													•			•

• = Preferred, o = Allowable, () = Not Allowed

*No ceiling shall be less than 9'-0" above finish floor (AFF). As a rule of thumb, the average ceiling height of a large room shall not be less than about 1/6 of a room's width and length. For instance, the ceiling height in KG, T-K, Classrooms, SPED/ASD shall be a minimum of 9'-0", with an average height of at least 10'-0". The Multi-purpose and Gymnasium rooms are the exception and shall be 22'-0" AFF min. as shown on pages 10-8 and 10-10.

ADMINISTRATION

<u>SPACE</u>	<u>ZONE</u>	<u>SF</u>	<u>QTY.</u>	<u>AMENITIES</u>	<u>CLG HT. (MIN.)</u>
Reception/Waiting	Core	340	1	full ht. 6' w. lockable display cabinet; w/ separate exit/entry into lower & upper communities	12'-0"
Clerical Area	Core	500	1	freestanding 30' reception counter with 10 file cabinets, kneespace on both sides, and tall writing surfaces; lockable lower cabinets with 20 file drawers; accommodate 4 staff workstations	12'-0"
Clerical Work Alcove/Room/Mail	Core	100	1	mail slots; lower cabinets	12'-0"
Principal's Office	Core	200	1	tackboard panels; 8' lockable upper and lower cabinets	9'-0"
Asst Principal's Office	Core	120	2	tackboard panels; 8' lockable upper and lower cabinets	9'-0"
Support Offices (Registrar/Psych/Speech/Nurse)	Core	120	4	tackboard panels	9'-0"
Health Office	Core	150	1	6' lockable upper and lower cabinets with undercounter refrig.	9'-0"
Unisex Toilet	Core	65	1	single-occupancy; WC; hand sink; ADA/toilet accessories incl. mirror, sanitary napkin dispenser, seat cover dispenser, soap dispenser, paper towel di	9'-0"
Conference Room	Core	250	2	tackboard panels; mt. for 70" TV monitor; acoustically enhanced auto operable wall system divider between rooms	10'-0"
Electrical Room	Core	80	1		9'-0"
TeleCom	Core	100	1	fire-resistive painted plywood (for mounting); anti-static flooring	9'-0"
Supply Room / Storage	Core	180	1	tall adjustable shelving, 16" deep	9'-0"
Custodial Closet	Core	50	1	mop sink; water heater; mop/broom holder	-
Toilets	Core	150	2	multi-users; WC; hand sinks; urinals; toilet partitions; ADA/toilet accessories incl. mirror; sanitary napkin dispenser, seat cover dispenser, soap dispensers, paper towel dispensers	9'-0"
Faculty Lunch Room	Core	960	1	accommodate (3) residential refrs; 16' upper and lower cabinets, countertops, tall cabinet for 3 microwaves, min.; ADA residential style sink w/ waste disposal; paper towel and soap dispenser; 12' allocated for vending machines; tackboard panels; 8' markerboard	10'-0"
Faculty Work Room	Core	380	1	16' SF for printer/copiers and paper roll disp.; 32' lower cabinet and countertop, 50' open upper shelves	10'-0"

ADMINISTRATION (cont.)

Preferred Materials	ROOFING				SKIN		EXTERIOR				INTERIOR				WINDOWS			CEILING				FLOORING					WALLS												
	Metal Roof Panels	Modified Bitumen	Single-ply Membrane (PVC)	Shingles	Stucco	EIFS	Fiber-Cement Siding (Medium Density)	Hollow Metal	Wood	FRP	DOORS		FRAMES		Operable	Non-Operable	Aluminum	Hollow Metal	Vinyl	Lay-in Acoustic Tile	Gypsum	Glue-up Tile	Lay-in Washable Tile	Exposed	LVT	Rubber Sheet	Carpet Tile	Epoxy	Sealed Concrete	Polished & Dyed Concrete	Ceramic Tile	FRP	7H Plastic Laminate Panel	7H Vinyl Tackboard (25% of Total Wall Area)	Ceramic Tile	Fire Retardant Treated Plywood	Acoustical Wall Treatment	Paint of Gypsum	
BASIC SUPPORT																																							
ADMINISTRATION																																							
Administration / Student Services																																							
Reception/Waiting		o	o	o	●		o	●					●		o	●		o	●		●	o	o			●				o				o				●	
Clerical Area		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			●				o				o				●
Clerical Work Alcove/Room/Mail		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			●				o				o				●
Principal's Office		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			●				o				o				●
Asst Principal's Office		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			●				o				o				●
Support Offices		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			●				o				o				●
Health Office		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
Unisex Toilet		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
Conference Room		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
Electrical Room		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
TeleCom		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
Supply Room / Storage		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
Custodial Closet		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
Toilets		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
Faculty Lunch Room		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●
Faculty Work Room		o	o	o	●		o	●					o	●		o	●		o	●		●	o	o			o				o				o				●

● = Preferred, o = Allowable, () = Not Allowed

*No ceiling shall be less than 9'-0" above finish floor (AFF). As a rule of thumb, the average ceiling height of a large room shall not be less than about 1/6 of a room's width and length. For instance, the ceiling height in KG, T-K, Classrooms, SPED/ASD shall be a minimum of 9'-0", with an average height of at least 10'-0". The Multi-purpose and Gymnasium rooms are the exception and shall be 22'-0" AFF min. as shown on pages 10-8 and 10-10.

MULTI-PURPOSE

<u>SPACE</u>	<u>ZONE</u>	<u>SF</u>	<u>QTY.</u>	<u>AMENITIES</u>	<u>CLG HT. (MIN.)*</u>
P.E. Storage	Core	380	1	painted plywood walls; P.E. office area w/ power/data receptacles	12'-0"
Multi-Purpose	Core	4500	1	acoustical wall treatment; (2) retractable basketball standards (glass); striping for basketball and volleyball; volleyball poles (removable); crash pads (posts and walls); chair storage under stage; daylight/controls; dropdown (~140 sf viewable) projection screen; accommodate 300 students at tables (Palmer Hamilton 63T or equal); 400 chairs storage for assembly	22'-0"
Stage	Core	960	1	raised 3'-0"; curtain; tackboard surfaces; black floor/walls/ceiling finish; accessible wheel chair lift; A/V receptacles; underplatform chair storage; projector & projection screen; indoor / outdoor directional stage function incl. ramp access; theatrical lighting and A/V supports	18'-0"
Stage Storage	Core	100	1	fire-resistive painted plywood (for mounting)	18'-0"
Storage	Core	250	1		9'-0"
Custodial Closet / Office	Core	120	1	mop sink; water heater; mop/broom holder; shelving; office area w/ power/data receptacles	-
Auxiliary / Parent	Core	380	1	tackboard panels	10'-0"
Stage Vestibule	Core	120	1	stairs to stage and wheelchair lift	10'-0"
Stage Vestibule	Core	80	1	stairs to stage	10'-0"
Lobby	Core	300	1	drinking fountain/bottle filler w/ tile surround	12'-0"
Kitchen - Food Court / Vestibule	Core	575	1	indoor meal pick-up queing; direct access to kitchen; lockable roll-down door, serving counters w/ sneeze guards, display refrigerator, (2) cashless catering stations	12'-0"
Kitchen - Snack Bar	Core	300	1	(4) exterior service windows, cashless catering systems, continuous work counter w/ under-counter heated drawers and shelving, refrigerator, wall shelving, hand sink	10'-0"
Kitchen - Prep	Core	1000	1	(3) compartment sink sized to accommodate District cookware; hand sinks; floor sinks; prep counters; serving window w/ lockable roll-down door; oven; warmers; hood, smooth 8' high FRP panels; stainless steel backsplash @ counters; 5' min entry & wide aisle width (for maneuvering and pallet transport to WIF/CSB); exterior grease interceptor	12'-0"
Kitchen - Dry	Core	420	1	open shelving; Food Service office area w/ power/data receptacles	10'-0"
Kitchen - Walk-In	Core	450	1	open shelving; pallet accessible; insulated floor	10'-0"
Kitchen - Walk-In	Core	380	1	open shelving; pallet accessible	10'-0"
Kitchen - Toilet /	Core	80	1	toilet room accessories incl. mirror; WC; handsink; lockers to accommodate (8) staff	9'-0"
Boys / Girls Toilet	Core	260	2	toilet room accessories incl. mirror; partitions; WC and urinals; hand sinks	9'-0"
TeleCom / AV	Core	80	1	fire-resistive painted plywood (for mounting); anti-static flooring	9'-0"
Music Classroom	Instructional	1600	1	acoustically enhanced for music education; (2)16' fixed whiteboard; 6' upper/lower cabinets w/ 1 sink; 12' lockable cabinet; adjustable shelving; operable wall system to divide space; 30' instrument storage system	12'-0"
Shaded Outdoor	Core	1300	1	fixed non-fabric shade type; fixed seating; weather-protected convenient power/data receptacles	12'-0"

June 10, 2026

MEDIA CENTER - LIBRARY

SPACE	ZONE	SF	QTY.	AMENITIES	CLG HT. (MIN.)*
Reading Area	Core	1500	1	tackboard panels; 5'x8' motorized projection screen	12'-0"
Workroom	Core	180	1	18' upper and lower cabinets; countertop; sink; paper towel and soap dispensers; 7' tall lockable cabinets with shelves; Librarian's office area w/ power/data receptacles	9'-0"
Stacks	Core	2800	1	fixed and freestanding adjustable shelving for 4000 elementary age books	12'-0"
Check Out	Core	140	1	8'x10' check out "L" shaped counter w/ book drop, kneespace, stand-up counter, and sitting desk	10'-0"
Unisex Toilet	Core	65	1	WC; hand sink; ADA/toilet accessories; sanitary napkin dispenser; seat cover dispenser; mirror; soap dispenser; paper towel dispenser	9'-0"
Instructional Collaboration Classroom	Core	960	2	dual teaching walls w/ 16' fixed whiteboard ea.; 2 sinks w/ hot water, paper towel and soap disp.; 30' lower cabinets w/ countertop; 20' upper cabinet lockable	10'-0"
PBL / STEM Classroom	Core	1300	1	auto operable wall partition; dual teaching walls w/ 16' fixed whiteboard ea.; 2 sinks w/ hot water, paper towel and soap disp.; 50' lower cabinets w/ countertop; 36' upper cabinet lockable; indoor/outdoor	10'-0"
MDF / Technology Hub	Core	100	1	fire-resistive painted plywood (for mounting); anti-static flooring	9'-0"
Custodial Closet	Core	100	1	mop sink, mop/broom holder, storage shelving	

Preferred Materials	ROOFING				SKIN			EXTERIOR				INTERIOR				WINDOWS				CEILING				FLOORING				WALLS																
	Metal Roof Panels		Modified Bitumen		Single-ply Membrane (PVC)			DOORS				FRAMES				DOORS				FRAMES				WINDOWS				CEILING				FLOORING				WALLS								
	Metal Roof Panels	Modified Bitumen	Single-ply Membrane (PVC)	Shingles	Stucco	EIFS	Fiber-Cement Siding (Medium Density)	Hollow Metal	Wood	FRP	Aluminum Storefront	Hollow Metal	Aluminum	Hollow Metal	Wood	FRP	Aluminum Storefront	Hollow Metal	Aluminum	Operable	Non-Operable	Aluminum	Hollow Metal	Vinyl	Lay-in Acoustic Tile	Gypsum	Glue-up Tile	Lay-in Washable Tile	Exposed	LVT	Rubber Sheet	Carpet Tile	Epoxy	Sealed Concrete	Polished & Dyed Concrete	Ceramic Tile	FRP	7'H Plastic Laminate Panel	7'H Vinyl Tackboard (25% of Total Wall Area)	Ceramic Tile	Fire Retardant Treated Plywood	Acoustical Wall Treatment	Paint o/ Gypsum	
BASIC SUPPORT																																												
CORE																																												
Media Center - Library																																												
Reading Area		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o				o		●						●			●	
Workroom		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o				o		●						o			●	
Stacks		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o				o		●						o			●	
Check Out		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o				o		●						o			●	
Unisex Toilet		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o				o		●			o				o			●
Instructional Collaboration Classrm		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o				o		●						o			●	
PBL / STEM Classroom		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o				o		●						o			●	
MDF / Technology Hub		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o		o		●								o			●	
Custodial Closet		o	o	o	●		o	●		o		●		o	●		o	●	o	●	●					●	o	o		o		●								o			●	

● = Preferred, o = Allowable, () = Not Allowed

*No ceiling shall be less than 9'-0" above finish floor (AFF). As a rule of thumb, the average ceiling height of a large room shall not be less than about 1/6 of a room's width and length. For instance, the ceiling height of a 30' x 30' room shall be at least 5'-0". The Multi-purpose and Gymnasium rooms are the exception and shall be 22'-0" AFF min. as shown on pages 10-8 and 10-10.

MIDDLE GRADES

SPACE	ZONE	SF	QTY.	AMENITIES	CLG HT. (MIN.)*
6th / 7th / 8th Grade Classroom (1:30)	Instructional	960	12	dual teaching walls w/ 16' fixed whiteboard ea.; 12' casework combination of upper/lower cabinets w/ 1 sink, and lockable full ht. cabinet; tackboard panels	10'-0"
Science / Flex Classrooms	Instructional	2880	1	auto operable wall partitions to allow (3) 960 SF and (2) 1,440 SF configurations; per every 960 SF --> single teaching wall w/ 16' fixed whiteboard ea.; 12' casework combination of upper/lower cabinets w/ 1 sink, and lockable full ht. cabinet; tackboard panels	10'-0"
RSP Classroom (Grades 6/7/8)	Core	960	1	32' fixed whiteboard; 20' upper/lower casework w/ 1 sink, windowseat + open storage; coat hooks for 34; tackboard panels	10'-0"

Preferred Materials	ROOFING				SKIN		EXTERIOR				INTERIOR				WINDOWS				CEILING				FLOORING				WALLS			
	DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES		DOORS		FRAMES			
Metal Roof Panels																														
Modified Bitumen																														
Single-ply Membrane (PVC)																														
Shingles																														
Stucco																														
EIFS																														
Fiber-Cement Siding (Medium Density)																														
Hollow Metal																														
Wood																														
FRP																														
Aluminum Storefront																														
Hollow Metal																														
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Hollow Metal																														
Wood																														
FRP																														
Aluminum Storefront																														
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Operable																														
Non-Operable																														
Aluminum																														
Hollow Metal																														
Vinyl																														
Lay-in Acoustic Tile																														
Gypsum																														
Glue-up Tile																														
Lay-in Washable Tile																														
Exposed																														
LVT																														
Rubber Sheet																														
Carpet Tile																														
Epoxy																														
Sealed Concrete																														
Polished & Dyed Concrete																														
Ceramic Tile																														
FRP																														
7H Plastic Laminate Panel																														
7H Vinyl Tackboard (25% of Total Wall Area)																														
Ceramic Tile																														
Fire Retardant Treated Plywood																														
Acoustical Wall Treatment																														
Paint o/ Gypsum																														

BASIC SUPPORT

INSTRUCTIONAL

Upper Grades

6th / 7th / 8th Grade Classrooms																												
Science / Flex Classrooms																												
RSP Classroom																												

● = Preferred, ○ = Allowable, () = Not Allowed

*No ceiling shall be less than 9'-0" above finish floor (AFF). As a rule of thumb, the average ceiling height of a large room shall not be less than about 1/6 of a room's width and length. For instance, the ceiling height in KG, T-K, Classrooms, SPED/ASD shall be a minimum of 9'-0", with an average height of at least 10'-0". The Multi-purpose and Gymnasium rooms are the exception and shall be 22'-0" AFF min. as shown on pages 10-8 and 10-10.

SECTION 11

REGULATORY REQUIREMENTS

11. Regulatory Requirements

JURISDICTION

The design-build entity's design shall meet and comply with the requirements of this Criteria Document and the requirements of jurisdictional Agencies. Below are a few of the Agencies that the Design -Build team shall coordinate with and gain approval of.

The appropriate Agencies may include municipal, county, state, regional or federal authorities with which the project is involved. It is the responsibility of the design-build entity to identify, and confirm the required Authorities and Agencies which may require information or the filing of drawings, specifications, permits, etc., such as State Fire Marshal, Division of the State Architect, California Department of Education, Health Department, or any organization for code compliance in connection with the project.

The California Department of Education (CDE) develops the standards for school sites, educational appropriateness and safety. The CDE reviews sites and plans, investigates complaints of non-compliance, and provides advice and information to the public and school districts. Additionally, the CDE maintains Title 5 California Code regulations, lists site and plan criteria and establishes the review process. Title 5 establishes the minimum facilities requirements only.

The Office of Public School Construction (OPSC) implements and administers the voter-approved school facilities construction program. All state and grant funding applications are reviewed and approved through OPSC. It is the intent of the C-80 Project and Roseville City Schools that the DBE will assist as necessary the documentation and submittal of the C-80 project for OPSC approval per its requirements.

California Geological Survey (CGS) is dedicated to the fulfillment of its mission to provide scientific products and services about the state's geology, seismology and mineral resources that affect the health, safety, and business interests of the people of California. CGS reviews and approves the school site's soils report.

The Division of the State Architect (DSA) provides design and construction oversight for K-12 schools, community colleges, and various other state-owned and leased facilities. The division also develops accessibility, structural safety, and historical building codes and standards utilized in various public and private buildings throughout the state of California. DSA reviews all projects at school sites on K-12 campuses for structural safety, fire and life safety, and access compliance.

Local Fire Authority (LFA), to facilitate the DSA approval of the Fire/Life Safety portion of the project, DSA requires LFA review of certain elements. As of the printing of this Document, DSA is updating its requirements of LFA review, contact DSA and reference DSA 810 form and instruction, and DSA Policy 09-01 for the most current submittal required information. LFA is understood to be Roseville Fire Department

The California Environment Quality Act (CEQA), legislation enacted to ensure that state and local agencies consider the environmental impact of their decisions when approving a public or private project. The Public Resources Code Section.

11. Regulatory Requirements

21000 et seq., requires that the environmental impacts of proposed projects be identified and implemented. The design build team shall comply with all documented design features and required mitigation identified in the project CEQA documentation.

Storm Water Pollution Prevention Plan (SWPPP), the design build team shall, as required by the Agencies having jurisdiction including the City of Roseville, and the District, furnish mitigation measures including but not limited to: infiltration of runoff before it reaches the storm drain system, treatment of runoff to remove oil and petroleum hydrocarbons before it enters the storm drain system, and control of peak flow discharge to provide storm channel protection. State Water Board and City of Roseville requirements can be accessed on the Water Board website. For provision of these mitigation measures plans, calculations, maintenance requirements must be included in the Design Development phase deliverable, details of the mitigation facilities shall be included in the Construction Documents, and post-construction documentation required for the project SWPPP shall be provided prior and during Construction Administration.

Additional Authorities and Agencies:

- Utility Companies
- City of Roseville's Engineering Services (driveway Permit, public improvement plans, transportation permits)
- Placer County Health Department (food prep and service areas)

11. Regulatory Requirements

APPLICABLE CODES

As of the writing of this Criteria Document, the 2025 California Building Standards Code (Title 24, C.C.R.) and its amendments are in effect.

- Part 1 2025 California Building Standards Administrative Code
- Part 2 2025 California Building Code (CBC)
- Part 3 2025 California Electrical Code (CEC)
- Part 4 2025 California Mechanical Code (CMC)
- Part 5 2025 California Plumbing Code (CPC)
- Part 6 2025 California Energy Code
- Part 9 2025 California Fire Code (CFC)
- Part 11 2025 California Green Building Standards Code (CALGreen)
- Part 12 2025 California Referenced Standards Code

2010 ADA Standards for Accessible Design

Title 19 CCR, Public Safety, State Fire Marshal Regulations

National Fire Protection Association (NFPA) Standards

- NFPA 13 Standard for the Installation of Sprinkler Systems (2026 ED with CA Amendments)
- NFPA 14 Standard for the Installation of Standpipe and Hose Systems (2019 ED)
- NFPA 17 Standard for Dry Chemical Extinguishing Systems (2024 ED)
- NFPA 17A Standard for Wet Chemical Extinguishing Systems (2024 ED)
- NFPA 20 Standard for the Installation of Stationary Pumps for Fire Protection (2019 ED)
- NFPA 22 Standard for Water Tanks for Private Fire Protection (2023 ED)
- NFPA 24 Standard for the Installation of Private Fire Service Mains and Their Appurtenances (2019 ED)
- NFPA 30 Flammable and Combustible Liquids Code (2024 ED)
- NFPA 72 National Fire Alarm and Signaling Code (202616 ED with CA Amendments)
- NFPA 80 Standard for Fire Doors and Other Opening Protectives (2025 ED)
- NFPA 101 Life Safety Code (2024 ED)
- NFPA 105 Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives (201256 ED)
- NFPA 110 Standard for Emergency and Standby Power Systems (2025 ED)
- NFPA 111 Standard for Stored Electrical Energy emergency and Standby Power Systems (202516 ED)
- NFPA 170 Standard for Fire Safety and Emergency Symbols (2024 ED)
- NFPA 252 Standard Methods of Fire Tests of Door Assemblies (2022 ED)
- NFPA 2001 Standard on Clean Agent Fire Extinguishings (2025 ED)

**See CBC Chapter 35 and CFC Chapter 80 for complete list of referenced NFPA Standards and Amendments.*

11. Regulatory Requirements

Underwriter's Laboratory (UL) Standards

UL 300 Standard for the Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment (202410 ED)

UL 464 Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (2023)

UL 521 Heat Detectors for Fire Protective Signaling Systems (2024 ED)

UL 1971 Standard for Signaling Device for the hearing Impaired (2024 ED)

**See CBC Chapter 35 and CFC Chapter 80 for complete list of amendments to ASTM and UL Standards.*

International Code Council, Inc (ICC) Standards

ICC 300 Standard for Bleachers, Folding and Telescopic Seating and Grandstands (2023 ED)

**See CBC Chapter 35 and CFC Chapter 80 for complete list of amendments to ICC Standards.*

SECTION 12

DESIGN / TECHNICAL CRITERIA

ARCHITECTURAL AND STRUCTURAL DESIGN CRITERIA

I. SUMMARY

The following architectural design requirements shall establish the design intent and design criteria for use by the Design Builder Entity (DBE) in coordination with the Guiding Principles and other criteria described within this document.

These requirements shall be met for the final design of the project and completion of the construction documents for the architectural and structural portions of the work. These requirements are to be used in conjunction with the District's Standards, Master Plan, and Educational Specifications. Performance criteria and District Facilities Design Standards identify the minimum levels of quality, materials, and workmanship to be provided, which may exceed Code requirements.

This Section establishes general requirements for single-story and two-story, site-built or manufactured, building systems to be installed on the Project site using site-build materials, or prefabricated components and/or modules, until complete, and ready for occupancy. All costs of transportation to and installation at the site are included.

II. DESIGN STYLE/INTENT

The architectural design aesthetics should reflect the high academic aspirations of the school, while connecting with the surrounding community creating a landmark which will establish a recognizable identity and instill pride in students and community.

- The architectural design style and theme shall reflect the character and flavor of the community and compliment building forms within the neighborhood.
- Spatially, the architecture should become integrated with the landscape of the school site, with openings conducive to daylight and views out of and from building spaces, where practicable.
- The architectural design should reflect simplicity and clarity of form and style. Decoration that serves no function beyond appearance only shall be avoided.
- Campus entries, especially at the front near the Administration area and Multi-use, shall draw attention to themselves as symbolic gateways, connecting students, staff and visitors to the circulatory "paseos" within.
- Provide exterior monument and electronic marquee signs to enhance campus identity and display public information to community.
- Provide building signage to support wayfinding and identification. Such signage shall be compatible with the building and site and complimentary to the overall design as an integral element.
- The building proportion, colors and textures utilized in the interior and exteriors shall convey a connectedness to nature and should reflect on the idea that the facility should

captivate students, making them feel that the space is special and a place for academic success, healthy self-esteem, positive social interaction, and physical safety.

- Quality long-lasting materials are required for all buildings and shall meet or exceed the minimum standards outlined herein.
- Mixed exterior materials are encouraged to strengthen identity.
- Mechanical rooftop equipment shall be concealed by enclosures that harmonize with building appearance if grossly visible from ground level.

III. COORDINATION

Coordinate all systems, including structural, fire protection, plumbing, mechanical, electrical, fire alarm, and other low-voltage, with each other prior to installation. For each piece of equipment, confirm electrical power requirements, location and size, control panels, and other information requiring coordination. Ensure maximum performance and accessibility for required maintenance, service, and repair. Coordinate connection to site utilities with utility companies. Unless authorized in writing by Owner, all piping, conduit, and wiring to be concealed, except in those areas without a finished ceiling.

Unless otherwise noted, the amenities identified in the Program and Materials Schedule shall be provided as part of the new construction. The following are Owner-Furnished-Owner-Installed (O.F.O.I.) or Owner-Furnished-Contractor-Installed (O.F.C.I.) items that should also be considered during design and infrastructure:

- A. Owner-Furnished-Owner-Installed (O.F.O.I) Items
 - 1. Furniture
- B. Owner-Furnished-Contractor-Installed (O.F.C.I) Items
 - 1. TV/Projectors/Computers
 - 2. Toilet Accessories – Soap Dispensers, Toilet Paper Dispensers, Hand Towel Dispensers

IV. DESIGN DRAWINGS

Design Drawings are to be signed and sealed by the qualified licensed architect and professional engineers responsible for their preparation and shall demonstrate applicable codes and regulations compliance. DBE and building manufacturer, if applicable, are responsible for coordinating and obtaining approval from Division of the State Architect prior to start of fabrication and/or construction.

DBE shall provide documentation needed to obtain design approval from Division of the State Architect, including preparation of all drawings, specifications, supporting documents, and calculations.

DBE shall also provide design documentation required by District’s consultants and/or vendors for project coordination.

V. QUALITY ASSURANCE

DBE shall delegate and engage qualified professional architect and engineers to design building systems, including comprehensive engineering analysis using performance requirements and design criteria indicated.

A. DBE Qualifications

1. A firm experienced in the design, engineering, fabrication, and construction of building systems, and with a record of successful in-service performance and sufficient production capacity to produce required quantities, as well as demonstrated ability to obtain approval from Division of the State Architect's office in a timely manner.

B. Licensed Architect Qualifications

1. A licensed Architect who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing architectural services of the kind indicated. Architectural services are defined those performed for design of the system, assembly, or product that are similar to those indicated for this Project in material, design, and extent.

C. Professional Engineer Qualifications

1. Professional engineers who are legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for design of the system, assembly, or products that are similar to those indicated for this Project in material, design, and extent.

D. Testing Agency Qualifications

1. Independent agency with the experience and capability to conduct testing and inspection indicated, and acceptable to Architect.

VI. WARRANTY

DBE agrees to repair or replace any portions of the building that leak or otherwise fail to perform for the following periods from date of Substantial Completion.

A. Weather Tightness

1. 15-years warranty.

B. Roofing

1. 20-years NDL (no dollar limit) warranty, to repair or replace components of roofing system that fail in materials or workmanship. Failure includes roof leaks and uplift.
2. 5-years Installer's warranty.

VII. PERFORMANCE REQUIREMENTS

Provide a complete, integrated building consisting of components, or manufacturer's standardized prefabricated modules and/or components, which are joined together to form a complete structure capable of withstanding structural and other loads, thermally induced movement, and exposure to weather without failure, corrosion, or infiltration of water into building interior in accordance with prevailing codes and appropriate for intent. Attachment of modules and/or components shall maintain a positive alignment of floors, walls, and roof.

The DBE shall consider the use of DSA pre-checked (PC) systems if prefabricated building components and/or modules are utilized. Refer to the current DSA list of approved PCs during design found at: <http://www.dgs.ca.gov/dsa/Programs/progProject/projsubmitplanning/scope>.

A. Structural System

1. Provide complete structural system, including foundations, floors, roof, supporting elements, and all other necessary components for a complete system able to withstand the most critical effects of load factors and load combinations as required by the California Building Code.

B. Foundations

1. Foundation design shall be based on recommendations of Owner's geotechnical investigation – (TBD).
2. Maximum Water-Cement Materials Ratio may be up to 0.55 for foundation work which is not exposed if the DBE shall ensure the ratio is adequate for design and moisture transmission prevention is provided.

C. Fire Sprinklers and Protection

1. Provide complete fire sprinkler system, including standpipe, main lines, branch lines, sprinklers, and all other necessary components for a complete system in compliance with NFPA 13.
2. Provide fire protection cabinets as needed to comply with code.

D. Acoustical Performance

1. Noise levels due to heating, ventilating, and air conditioning equipment, ducts, grilles, registers, dampers, boxes, and other components of the mechanical system shall permit attaining of sound pressure in all eight octave bands in occupied spaces conforming to the following NC (noise criteria) curves, as explained in the ASHRAE Handbook and Product Directory Systems.
 - (a) Classrooms: RC 25-30 (N); (Alternate: NC 25-30) total.
 - (b) Toilet Rooms: RC 35-40 (N); (Alternate: NC 35-40) total.

2. Wall Assemblies:

- (a) STC ratings (as tested for laboratory sound transmission loss performance according to ASTM E 90) shall meet or exceed the following at adjacencies:

CLASSROOMS (STC)	Classroom	Program Space - Small	SPED / ASD	Corridor	Toilet	Mechanical Equipment Rm
Classroom	50	50	60	40	53	60
Program Space - Small		45	60	40	53	60
Teacher Collaboration			60	40	53	60
SPED / ASD			60	60	60	60
Toilet				35	35	50
Corridor					35	50
Mechanical Equipment Room						-

ADMINISTRATION (STC)	Reception / Waiting	Clerical Area (Open)	Clerical Work Room / Mail	Office	Health / Psych Office	Faculty Break Room	Faculty Work Room	Group Room - Small	Conference Room	Corridor	Toilet	Mechanical Equipment Rm
Reception / Waiting	35	35	35	50	50	35	45	50	50	35	53	60
Clerical Area (Open)		35	35	50	50	40	40	50	50	35	53	60
Clerical Work Room / Mail			35	50	50	35	35	50	50	35	53	60
Office				50	50	45	45	50	50	45	53	60
Health / Psych Office					50	50	50	50	50	53	53	60
Faculty Break Room						35	35	50	50	35	53	60
Faculty Work Room							35	50	50	35	53	60
Group Room - Small								50	50	50	53	60
Conference Room									50	50	53	60
Corridor										35	35	35
Toilet											35	35
Mechanical Equipment Room												-

MULTI-PURPOSE (STC)	Multi-Purpose	Platform	Auxiliary / Parent Room	Vestibule / Lobby	Serving Kitchen	Music Classroom	Toilet	Mechanical Equipment Rm
Multi-Purpose	60	30	50	40	50	60	53	60
Platform		60	60	60	60	60	60	60
Auxiliary / Parent Room			50	50	50	60	53	60
Vestibule / Lobby				35	35	60	53	60
Serving Kitchen					35	60	53	60
Music Classroom						60	53	60
Toilet							53	35
Mechanical Equipment Room								-

MEDIA CENTER (STC)	Reading Area	Workroom	Stacks	Program Space - Large	Instructional Collaboration	PBL / STEM Classroom	Mechanical Equipment Rm
Reading Area	60	60	35	60	60	60	60
Workroom		35	50	45	45	45	60
Stacks			35	50	50	50	60
Program Space - Large				45	50	50	60
Instructional Collaboration Lab					50	50	60
Exploration Classroom (Life Lab)						50	60
Mechanical Equipment Room							-

- (b) For adjacencies not provided, the highest rating shall be provided for the space found above.
- 3. Floor-Ceiling Assemblies:
 - (a) STC ratings shall be equivalent to or greater than those for walls at similar adjacencies.
 - (b) Impact sound insulation ratings (in conformance to ANSI S12.60) for assemblies separating occupied spaces shall meet or exceed the following:
 - i. IIC 50 – Classrooms, Offices, Labs, Event Spaces, or other instructional spaces of normal sensitivity.
 - ii. IIC 70 or greater – Executive Offices, Meeting Rooms, or other spaces of “high acoustical sensitivity”.
- 4. Operable partitions shall have a minimum field measured sound insulation performance rating of NIC 44 (per ASTM E336).
- 5. Background Noise: In unoccupied, furnished classrooms, background noise shall not exceed 35 dB.
- 6. Reverberation Times: In unoccupied, furnished classrooms, reverberation times shall conform to the following:
 - (a) Classrooms with Volume of Less Than 10,000 Cubic Feet: 0.6 seconds maximum.
 - (b) Classrooms with Volume Between 10,000 and 20,000 Cubic Feet: 0.7 seconds maximum.

E. Accessibility Requirements

1. Comply with applicable provisions of California Building Code (Title 24, Part 2), Chapters 11A and 11B, including United States Department of Justice's 2010 ADA Standards for Accessible Design.

F. Energy Performance

1. Design and engineer building system to conform with all applicable requirements of the California Energy Code.

G. Thermal Movements

1. Provide building system that allows for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures.
 - (a) Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
 - (b) Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.
2. Building components shall be free to move in response to expansion and contraction forces resulting from temperature variation, without buckling, failure of joint seals, undue stress on fasteners, or other detrimental effects.

H. Fire-Resistance Ratings

1. Where assemblies are indicated to have a fire-resistance rating, provide assemblies identical to those of assemblies tested for fire resistance per ASTM E 119 or ASTM E 108 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
2. Indicate design designations from UL's "Fire Resistance Directory," FM Global's "Approval Guide," or from the listings of another qualified testing agency.

I. Fire-Rated Door Assemblies

1. Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C.

J. Rainfall Intensity

1. Design gutters and downspouts to accommodate storms which should be exceeded only once every 10 years, based on a 5-minute intensity duration as per recommendations of Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) "Architectural Sheet Metal Manual."

K. Wind Uplift Resistance

1. Provide roofing systems capable of withstanding wind uplift forces as calculated based on requirements of the California Building Code using factors defined therein and applicable to local site conditions and specific project parameters.

L. Cool Roof Requirements

1. Provide roofing that meets the following requirements:
2. Rated in accordance with Cool Roof Rating Council product rating program CRRC-1 as follows:
 - (a) 3-Year Aged Solar Reflectance: 0.63 minimum in accordance with CRRC testing requirements (ASTM E 903 or ASTM C 1549).
 - (b) Thermal Emittance: 0.75 minimum in accordance with CRRC testing requirements (ASTM C 1371).

VIII. PRODUCT/MATERIAL STANDARDS

The following are minimum standard requirements for acceptable building products and materials. Refer to the 'Program and Design Information' schedule within the criteria documents for reference. All products and materials utilized for construction shall also comply with applicable codes.

DIV 03 - CONCRETE

A. Underslab Vapor Barrier

1. Underslab Vapor Barrier: 15 mil thickness; ASTM E 1745, Class A.
2. Water Vapor Permeance: Not more than 0.010 perm (maximum water vapor transmission rate: 0.0035 rains/wu ft/hr) per ASTM E 154, Sections, 8, 11, 12, and 13.

B. Concrete

1. Formwork: In accordance with ACI 301.
2. Reinforcing Bars: ASTM A 615, Grade 60, deformed.
3. Concrete:
 - o Portland Cement: ASTM C 150, Type I or II.
 - o Normal Weight Aggregate: ASTM C 33, graded, 1-1/2 inch nominal maximum aggregate size.
 - o Water: ASTM C 94, potable.
4. Concrete Mixtures: Prepare design mixes, proportioned according to ACI 301, as follows:
 - o Minimum Compressive Strength: 3,000 psi at 28 days.

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- o Maximum Water-Cement Materials Ratio: 0.45.
- o Air Content: Maintain within range permitted by ACI 301. Do not allow air content of floor slabs to receive troweled finishes to exceed 3 percent.

C. Cement-Based Underlayment

1. Portland cement-based, polymer-modified self-leveling product; 4,100 psi compressive strength.
2. Aggregate: Well-graded, washed gravel, 1/8-inch to 1/4-inch; or coarse sand as recommended by underlayment manufacturer.
3. Where required, provide product that can be installed to a true feather edge.

D. Concrete Sealer

1. High-performance, penetrating water dispersed polyester polymer and water-borne polyurethane that when dry, fills the voids and coats the interior particles of the matrix on concrete surfaces preventing damage from freeze/thaw cycles. Safe for indoor or exterior use.
 - o Flash Point: non-flammable
 - o State: Liquid
 - o Color: Translucent – No color
 - o Vapor Pressure: (Air + 1) - N/A
 - o Solubility in Water: Dilutable
 - o Boiling Point: 100 degrees Celsius / 212 degrees Fahrenheit
 - o Freezing Point: 0 degrees Celsius / 32 degrees Fahrenheit Water
 - o Specific Gravity: (Water=1) - 1.10 @ 20 degrees Celsius
 - o Evaporation Rate: (BAC=1) - Same as Water
 - o Percent Solids by Weight: 10.5%
 - o pH: 6.8
 - o Volatile Organic Compounds: 5.9 g/L
 - o Freeze Thaw Resistance: Improved verifiable resistance under test conditions.

DIV 05 - METAL

A. Structural Steel

1. W-Shapes: ASTM A 992; ASTM A 572, Grade 50 or 55; or ASTM A 529, Grade 50 or 55.
2. Channels, Angles, M-Shapes, and S-Shapes: ASTM A 36, ASTM A 572, Grade 50 or 55; or ASTM A 529, Grade 50 or 55.
3. Plate and Bar: ASTM A 36; ASTM A 572, Grade 50 or 55; or ASTM A 529, Grade 50 or 55.
4. Steel Pipe: ASTM A 53, Type E or S, Grade B.
5. Cold-Formed Hollow Structural Sections: ASTM A 500, Grade B or C, structural tubing.
6. Metallic-Coated Steel Sheet (Light-Gage Framing): ASTM A 653, Structural Steel (SS), Grades 33 through 80, or High-Strength Low-Alloy Steel (HSLAS), Grades 50

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through 80; with G60 (Z180) coating designation; mill phosphatized.

7. High-Strength Bolts, Nuts, and Washers: ASTM A 325, Type 1, heavy hex steel structural bolts; ASTM A 563 heavy hex carbon-steel nuts; and ASTM F 436 hardened carbon-steel washers.
8. Finish: Hot-dip zinc coating, ASTM A 153.

B. Steel Joists

1. Steel Joists: Manufactured open-web steel joists complying with Steel Joist Institute's Specifications.

C. Steel Decking

1. Steel Decking: Fabricated from steel sheet in compliance with applicable requirements of Steel Deck Institute, and complying with calculated structural characteristics of steel deck according to AISI's "North American Specification for the Design of Cold-Formed Steel Structural Members."

D. Cold-Formed Structural Metal Framing

1. Cold-Formed Structural Metal Framing: Conforming with requirements of Steel Framing Industry Association (SFIA).
2. Material: From ASTM A 1003 steel sheet, Structural Grade, galvanized.
 - o Metallic Coating: G90 (Z275).
3. Accessories:
 - o Vertical Deflection Clips: L-shaped clip with slotted openings for vertical movement, from galvanized steel sheet.
 - o Drift Clips: Bypass clips with slotted openings for vertical movement, from galvanized steel sheet.

E. Metal Fabrications

1. Material: Steel
2. Plates, Shapes, and Bars: ASTM A 36.
3. Pipe: ASTM A 53.
4. Tubing (Hollow Structural Sections): ASTM A 500.
5. Steel Finish:
 - o Exterior: Galvanized.
 - o Interior: Shop-primed.
6. Downspouts: Galvanized steel pipe, ASTM A 53.
7. Fixed Ladder: Galvanized-steel or aluminum; complying with ANSI A14.3; continuous side rails with nonslip rungs fitted in centerline of siderails; OSHA compliant.

F. Metal Stairs

1. Metal Stairs: Metal pan stairs with poured-in-place concrete treads and closed risers.
2. Finish:
 - o Exterior: Galvanized.
 - o Interior: Shop-primed.
3. Tread Nosings: Ribbed units with abrasive filler strips in contrasting color.

DIV 06 - WOOD, PLASTICS, AND COMPOSITES

A. Rough Carpentry

1. Framing: Maximum moisture content of 19 percent; grades as follows, per WCLIB grading rules for fir, and RIS rules for redwood.
2. Roof:
 - o Joists: Douglas Fir/Larch, No. 2 grade, minimum.
 - o Blocking: Douglas Fir/Larch, No. 3 grade, minimum.
3. Walls:
 - o Studs: Douglas Fir/Larch, No. 2 grade, minimum.
 - o Sill Plates: Douglas Fir/Larch, No. 2 grade, minimum.
 - o Top Plates: Douglas Fir/Larch, No. 2 grade, minimum.
 - o Headers: Douglas Fir/Larch, No. 2 grade, minimum.
 - o Double Stud/Cripples at Door and Window Openings: Douglas Fir/Larch, No. 2 grade, minimum.
 - o Blocking: Douglas Fir/Larch, No. 3 grade or Hem/Fir No. 3 grade, minimum.
4. Floors:
 - o Joists: Douglas Fir/Larch, No. 2 grade, minimum; pressure-treated per AWPA C2 where occurring within 18 inches of exposed ground.
 - o Rim Joists: Douglas Fir/Larch, No. 2 grade, minimum; pressure-treated per AWPA C2 where occurring within 18 inches of exposed ground.
 - o Blocking: Douglas Fir/Larch, No. 3 grade, or Hem/Fir No. 3 grade, minimum; pressure-treated per AWPA C2 where occurring within 18 inches of exposed ground.
 - o Foundation Sill Plates: Douglas Fir No. 1, pressure-treated per AWPA C2, or redwood, Foundation Grade.
5. Sheathing:
 - o Roof: APA-rated sheathing, Exposure 1.
 - o Wall: APA-rated sheathing, Exposure 1.
6. Fasteners and Adhesives:
 - o Nails: Common wire nails, galvanized, ASTM F 1667.
 - o Wood Screws: ASME B18.6.1.
 - o Lag Bolts: ASME B18.2.1.
 - o Bolts: ASTM A 307, Grade A, with ASTM A 563 hex nuts.
 - o Subfloor Adhesive: ASTM D 3498.

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B. Finish Carpentry

I.

1. Exterior Trim for Opaque Finish (Painted):
 - o Species: Redwood.
 - o Grade: Clear.
 - o Priming: Backprimed.
2. Interior Trim and Windowsills for Opaque Finish (Painted): Finished lumber (S4S), either finger- jointed or solid lumber.
 - o Species: Sugar Pine or Ponderosa Pine.

DIV 07 - THERMAL AND MOISTURE PROTECTION

A. Self-Adhering Sheet Waterproofing

II.

1. Self-Adhering Sheet: Modified bituminous sheet, 60-mil thick, rubberized asphalt laminated to polyethylene film.
2. Molded-Sheet Drainage Panels: Molded plastic sheet drain-core with non-woven needle-punched geotextile fabric facing.

B. Building Insulation

1. Thermal Batt Insulation: Fiberglass batts with vapor retarder facing; ASTM C 665.
 - o Thickness: As required by energy calculations.
 - o Surface-Burning Characteristics of Vapor Retarder Facing: Complying with the following when tested per ASTM E 84:
 - o Flame Spread: 25 maximum.
 - o Smoke Developed: Less than 450.
2. Acoustical Batt Insulation: Unfaced fiberglass batts; ASTM C 665.
3. Rigid Foam Insulation: Polyisocyanurate board, ASTM C 1289, Type I, Class 2.
 - o Thickness: As required by energy calculations.
 - o Surface Burning Characteristics: Complying with the following when tested per ASTM E 84:
 - o Flame Spread: 25 maximum.
 - o Smoke Developed: Less than 450.

C. Polyvinyl Chloride (PVC) Roofing

1. Roofing System: Single-ply, adhered fabric- or felt-backed PVC sheet membrane secured to substrate in cold-applied adhesive; uplift resistance as required for project location.
2. PVC Sheet: One of the following:
 - o Glass-fiber-reinforced, felt-backed, ASTM D 4434, Type II, Grade I.
 - o Fabric-reinforced and fabric-backed, ASTM D 4434, Type III.
3. Thickness: 60 mils minimum.

4. Face Color: White.
5. Initial Thermal Emittance: 0.75 minimum
6. Cold-Applied Adhesive: Manufacturer's urethane-based cold fluid-applied adhesive.
7. Substrate Board: Glass-mat, water-resistant gypsum substrate with coating to facilitate bonding of adhered membrane roofing; ASTM C 1177.
8. Insulation: Polyisocyanurate rigid board; ASTM C 1289, Type II, Class 2 glass-fiber mat facer on both major surfaces.
9. Cover Board: Glass-mat, water-resistant gypsum substrate with coating to facilitate bonding of adhered membrane roofing; ASTM C 1177.

D. Fiber Cement Siding

1. Fiber-cement Siding System: Engineered fiber-cement cladding panels, soffit panels, accessories, and trim capable of withstanding site climate conditions and providing protection against all weather.
 - o Fiber-cement siding: Complies with ASTM C 1186 Type A Grade II, ASTM E 136 as a noncombustible material, and ASTM E 84 Flame Spread Index = 0, Smoke Developed Index = 5.
 - o Accessories: Utilize accessories and trim that are compatible with manufacturer's system.
 - o Finish: Factory sealed and primed for paint in field.

E. Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing

1. SBS Modified Bituminous Roofing: Modified bitumen membrane system with SBS cap sheet in accordance with building code and classification per construction type; comply with NRCA (RM).
 - o Provide system capable of meeting specified warranty requirements.

F. Sheet Metal Flashing and Trim

1. Sheet Metal Flashing: 26 gage galvanized steel; ASTM A 792; fabricated in accordance with SMACNA standards.
2. Gutters: 26 gage galvanized steel; ASTM A 792; fabricated in accordance with SMACNA standards.
3. Roof Drain Flashing: Sheet lead, 4 lbs per sq ft, ASTM B 749.
4. Manufactured Reglets: Type for terminating upper edge of roofing at vertical surface, with snap-in counterflashing.

G. Flexible Flashing

1. Flexible Membrane Flashing: Composite self-adhering rubberized-asphalt sheet; 25 mils thick.

H. Roof Accessories

1. Roof Hatch: Single-leaf personnel access hatch; insulated double-wall lid.
 - o Size: 30 inches by 36 inches.
2. Ladder Assist Post: Roof hatch manufacturer's standard telescoping post device for attachment to top of roof access ladder, to assist access through roof hatch at top of ladder.

I. Manufactured Roof Expansion Joints

1. Roof Expansion Assemblies: Manufactured waterproof joint cover assembly; extruded aluminum cover secured to extruded aluminum frames with water-resistant gasketing between cover and frame members; provide roof-to-roof and roof-to-wall joint cover assemblies.

J. Manufactured Roof Expansion Joints

1. Roof Expansion Assemblies: Manufactured waterproof joint cover assembly; extruded aluminum cover secured to extruded aluminum frames with water-resistant gasketing between cover and frame members; provide roof-to-roof and roof-to-wall joint cover assemblies.

K. Penetration Firestopping

1. Penetration Firestopping Systems: Firestop systems for penetrations through fire-resistance-rated floor and wall assemblies; UL classified and rated to equal or exceed rating of assembly being penetrated.

L. Fire -Resistive Joint Systems

1. Fire-Resistive Joint Systems: Fire-resistive joint system to resist spread of fire, smoke, and other gases, and maintain fire-resistance rating of assemblies in or between which system is installed; UL classified. Provide following types:
 - o Floor-to-floor.
 - o Wall-to-wall.
 - o Floor-to-wall.
 - o Bottom-of-wall.
 - o Head-of-wall.

M. Joint Sealants

1. Joint Sealant at Exterior Joints: Single- or multi-component neutral-curing silicone joint sealant, ASTM C 920, Type S, Grade NS, Class 50 minimum, Use NT (exposure), Use M, G, A, and O (joint substrate).

- o Colors: As selected by Architect from manufacturer's full range.
- 2. Joint Sealant at Interior Joints (Other Than Wet Areas): Single- or multi-component urethane joint sealant, ASTM C 920, Type S or Type M, Grade NS, Class 35 minimum, Use NT (exposure), Use M, A, and O (joint substrate).
 - o Colors: As selected by Architect from manufacturer's full range.
- 3. Joint Sealant at Interior Joints at Wet Areas: Mildew-resistant silicone joint sealant, ASTM C 920, Type S, Grade NS, Class 25, Use NT (exposure).
 - o Color: Translucent.
- 4. Sealant Backing: Cylindrical, closed-cell type; of size and density to control sealant depth approved
 - III. in writing by joint sealant manufacturer for intended application.

N. Expansion Joint Cover Assemblies

- 1. Exterior Wall Joint Cover: Manufactured waterproof joint cover assembly; extruded or formed aluminum cover secured to extruded aluminum frames with stainless-steel turnbar assemblies, with continuous moisture-seal gasket behind cover plate.

DIV 08 - OPENINGS

A. Hollow-Metal Doors and Frames

- 1. Hollow-Metal Steel Doors: ANSI A250.8, Level 3 (Extra Heavy-Duty), Physical Performance Level A, 16 gage galvanized steel faces; kraft paper honeycomb core; shop-prime finish.
- 2. Door Louvers: Steel; inverted V- or Y-shaped blades.
- 3. Vision Lites: Clear tempered glass.
 - o Fire Ratings (Where Required): Complying with NFPA 80, based on testing according to NFPA 252 and UL 10C.
- 4. Hollow-Metal Steel Door and Window Frames: ANSI A250.8, fully welded; shop- prime finish.
 - o Exterior: 14 gage cold-rolled steel, galvanized.
 - o Interior: 16 gage cold-rolled steel.
 - o Fire Ratings (Where Required): Complying with NFPA 80, based on testing according to NFPA 252 and UL 10C.
 - o Provide reinforced framing at openings to adequately support and stabilize frame.
 - o Size to allow expansion during excessive heat days and provide seal to minimize air leakage

B. Flush Wood Doors

- 1. Flush Wood Doors: Solid core with MDO faces for opaque finish; Premium Grade; WDMA I.S.1-A Heavy Duty Performance Grade.
- 2. Doors for Opaque Finish: MDO faces, shop-primed for field painting.

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3. Doors for Transparent Finish:
 - o Face Veneer Species: Select White Maple.
 - o Face Veneer Cut: Plain sliced.
 - o Match Between Veneer Leaves: Book.
 - o Finish: Catalyzed polyurethane.
4. Door Louvers: Steel; inverted V- or Y-shaped blades.
5. Vision Lites: Clear tempered glass.
6. Fire Ratings (Where Required): Complying with NFPA 80, based on testing according to NFPA 252 and UL 10C

C. Access Doors

1. Metal access doors: Flush metal access door with exposed trim; fire-rated where occurring in fire- rated wall.
2. Finish: Shop-primed for field painting to match surrounding wall, except as follows:
 - o Stainless-steel where occurring in ceramic tile surfaces.

D. Door Hardware

1. Provide items known commercially as high-traffic/heavy-duty finish or door hardware that are required for swing, sliding, and folding doors (if applicable), including but not limited to, butt hinges, locks, latches, cylinders, exit devices, closers, stops, thresholds, seals, etc.
 - o Provide Schlage locks and latches with Primus cores per District Standard.
2. Provide UL rated products as necessary to achieve fire resistive requirements when required.

E. Operable Partitions

1. Operable Partition System: Complete continuously hinged panel system, manually operated with STC of 52 or better.
 - o Framing: Aluminum extrusions of profile and thickness as required for structural stability.
 - o Finish: Powder-coat finish, factory-applied.
 - o Finish: Vinyl wallcovering.

F. Sliding Glazed-Panel Partitions

1. Sliding Glazed-Panel Partition System: Complete system consisting of framing and sliding glazed panels, and associated hardware.
 - o Framing: Aluminum extrusions of profile and thickness as required for structural stability.
 - o Finish: Powder-coat finish, factory-applied.
 - o Color: Custom color as selected by Architect.

- o Glazing: Clear tempered glass.
- o See Acoustical Performance for additional requirements.
- 2. Hardware:
 - o Upper Roller Carriages: Vinyl rollers with steel bearings.
 - o Lower Carriages: Sliding assembly with wheel-to-track locking mechanism and copolymer wheels with steel bearings.
 - o Handles: Complying with requirements of Americans With Disabilities Act.
 - o Threshold Track: Complying with requirements of Americans With Disabilities Act.

G. Glass Glazing

1. Clear Tempered Glass: ASTM C 1048, Type I, Kind FT (fully tempered), Type I, Class 1 (clear).
2. Insulating Glass Units: ASTM E 2190.
 - o Outdoor and Indoor Lites: ASTM C 1048, Type I, Kind FT (fully tempered), Type I, Class 1 (clear).
 - o Low-e Coating: Sputter-coated low-e coating at No. 2 surface.
 - o Size to allow expansion during excessive heat days and provide seal to minimize air leakage

H. Fire-Rated Glazing

1. Fire-Protection-Rated Glazing: Laminated glass from two plies of clear, ceramic flat glass, complying with testing requirements in 16 CFR 1201 for Category II materials; listed and labeled for fire- protection ratings indicated, based on positive pressure testing as follows:
 - o Doors: NFPA 252 or UL 10B, including hose stream test.
 - o Windows: NFPA 257 or UL 9, including hose stream test.

I. Glazing Surface Films

1. Decorative Glazing Film: Polyester film with decorative finish/pattern for application to glass surface, with abrasion-resistant coating over one surface, and ultra-violet stabilized pressure- sensitive adhesive on the other; provide uniform film without pinholes, streaks, thin spots, scratches, banding, or other visual defects.

J. Louvers

1. Metal Louvers: Fixed, formed-metal galvanized steel louvers; drainable blades; birdscreening at interior side.
 - o Finish: Powder-coat.

DIV 09 - FINISHES

A. Gypsum Glass-Mat Sheathing

1. Glass-Mat Gypsum Wall Sheathing: ASTM C1177; Type X;
2. Thickness: 5/8 inch; or as required to achieve assembly performance.

B. Gypsum Board Shaft-Wall Assemblies

1. Gypsum Shaftliner Board: Type X, complying with ASTM C 1396.
2. Thickness: 1 inch; or as required to meet rated assembly.
3. Cold-Formed Metal Framing: Complying with ASTM C 645; manufacturer's C-H stud or other standard profile for fire-resistance-rated assembly.
 - o Metallic Coating: G60 (Z180).

C. Fiberglass-Reinforced Plastic Paneling

1. Fiberglass-Reinforced Plastic (FRP) Paneling: 0.090-inch thick; smooth finish; flame-spread rating as required by referenced codes based on location and room type.
 - o Color: As selected by Architect from manufacturer's full range.
2. Trim: Solid-color PVC trim, matching color of FRP panels.

D. Portland Cement Plaster

1. Metal Lath:
 - o Over Solid Sheathing Substrate, Vertical Surfaces: Expanded-metal lath;
 - o ASTM C 847, hot-dip galvanized zinc coating
 - o Weight: 3.4 lbs per sq yd.
 - o Configuration: Self-furring.
2. Over Horizontal Soffits, Open Framing: Expanded-metal lath; ASTM C 847, hot-dip galvanized zinc
IV. coating.
 - o Weight: 3.4 lbs per sq yd.
 - o Configuration: Flat.
3. Weather-Resistive Barrier: Two layers building paper, ICC-ES AC38, Type I, Grade D.
4. Portland Cement Plaster: Three-coat system (except, two-coat system where occurs as a substrate for thin-brick veneer); ASTM C 926.
 - o Finish Texture: Light sand float.
5. Accessories:
 - o Foundation Weep Screed: 1/4-inch diameter weepholes; galvanized steel.
 - o Casing Bead: Square-edge; galvanized steel.
 - o Control Joint: M-shape (style XJ15-3); galvanized steel.
 - o Corner Reinforcing: Cornerite.
 - o Soffit Vent: Linear profile with perforated pattern; galvanized steel.

E. Gypsum Board

1. Gypsum Board: ASTM C 1396; Type X.
 - o Thickness: 5/8 inch.
 - o Finish: Level 4.

F. Ceramic Tile

1. Wall Tile: Glazed wall tile.
 - o Color: As selected by Architect from manufacturer's full range.
2. Thin-set Bond Coat: ANSI A118.4, dry mortar mix with acrylic resin liquid-latex additive.
3. Cementitious Backer Units: ANSI A118.9.
4. Grouting Epoxy: ANSI A118.3.
5. Metal Trim: L-shape with perforated anchoring leg; designed as outside corner trim for ceramic tile units.
 - o Material: Anodized aluminum.

• **Suspended Lay-In Panel Ceiling**

1. Suspension System: Direct-hung exposed grid system; ASTM C 635 and ASTM E 580, Heavy-Duty
V. Classification; 24-inch by 48-inch grid.
2. Lay-In Panels:
 - o Panel Edge: Square.
 - o Noise Reduction Coefficient (NRC): 0.55.

G. Resilient Flooring

1. Luxury Vinyl Tile: ASTM F 1700, Class III, Type B.
 - o Color: As selected by Architect from manufacturer's full range.
2. Rubber Sheet Flooring: ASTM F1859, homogeneous vulcanized rubber, free of toxic heavy metals, halogen, BPA, formaldehyde, isocyanate, phthalate and PVC (polyvinyl chloride).
 - o Surface Texture: Smooth.
 - o Color: As selected by Architect from manufacturer's full range.

H. Resilient Base and Accessories

1. Resilient Base: Rubber base, 4 inches high; ASTM F 1861, Type TS, topset cove style.
 - o Color: As selected by Architect from manufacturer's full range.
 - o Resilient Molding Accessories: Resilient transition/reducer strips for terminating edge of finish flooring materials, or providing flush transition joint between different finish flooring materials.

I. Modular Carpet Tiles

1. Carpet Yarn: Patterned Loop, Type 6,6 nylon, solution dyed
2. Gauge: 1/12 in.
3. Construction: Tufted
4. Pile Weight: Max. 20 oz. per yard
5. Pile Height: 0.12 in.
6. Pile Thickness: 0.074 in.
7. Primary Backing: Non-woven polyester
8. Secondary Backing: Fiberglass reinforced thermoplastic composite (polyolefin-free)
9. Flammability: Passes Pil Test (DOC-FF1-70)
10. Flooring Radiant Panel: Passes ASTM E-648
11. Smoke Density (ASTM E-662): ≤ 540
12. Traffic Classification: Severe
13. Green Label Plus certified or equivalent
14. Antimicrobial, antifungal, stain and static resistant type.

J. Vinyl Wall Covering and Tackable Surfaces

1. Vinyl Wall Covering: FS CCC-W-408A and CFFA-W-101D, Type II Medium-Duty.
 - o Color: As selected by Architect from manufacturer's full range.
 - o Fire-Test-Response Characteristics: Comply with the following, per ASTM E 84:
 - o Flame Spread Index: 20 or less.
 - o Smoked Developed Index: 45 or less.
2. Tackable Substrate: Wood fiberboard, ½ inch thick; flame spread, 20 or less; smoke developed 30 or less.
3. Prewrapped Tackable Panels: Factory-fabricated tackable panels of tackable substrate material wrapped with vinyl wall-covering facing.
 - o Exposed Panel Edge Trim: Extruded aluminum moldings wrapped with vinyl wall covering to match panel facing.

K. Cementitious Wood-Fiber Wall Panels

1. Cementitious Wood-Fiber Wall Panels: Acoustical panels composed of wood fibers impregnated and bound together in panel form by noncombustible mineral cements.
 - o Panel Thickness: 1 inch.
 - o Panel Width: 48 inches.
 - o Color: As selected by Architect from manufacturer's full range.
2. Fire-Test-Response Characteristics: Comply with the following, per ASTM E 84:
 - o Flame Spread Index: 25 or less.
 - o Smoked Developed Index: 450 or less.

L. Painting

1. Exterior Paint:
 - o Wood Substrates: Acrylic latex primer and acrylic latex finish paint; one prime coat and two finish coats.
 - o Sheen:
 - o Trim: Semi-gloss.
2. Cement Plaster Substrates: Acrylic masonry/concrete sealer primer and acrylic latex finish paint; one prime coat and two finish coats.
 - o Sheen: Flat.
3. Metal Substrates: Rust-inhibitive primer and acrylic latex finish paint; one prime coat and two finish coats.
4. Doors and Frames: Semi-gloss.
 - o Metals doors prone to expansion due to direct sunlight shall be painted lighter in color and
VI. coordinated in design with the overall campus color palette.
5. Exposed Steel Columns, Beams, and Decking: Semi-gloss.
6. Railings: Semi-gloss.
7. Sheet Metal Gutters: Match sheen of adjacent material.
8. Interior Paint:
 - o Gypsum Board Substrates: PVA primer/sealer and acrylic latex finish paint; one prime coat and two finish coats.
 - o Typical Room Except as Noted Otherwise Below: Eggshell (satin).
9. Toilet Rooms: Semi-gloss.
10. Wood Substrates: Acrylic wood primer and acrylic latex finish paint; one prime coat and two finish coats.
11. Trim and Window Sills: Semi-gloss.

DIV 10 - SPECIALTIES

A. Signage

1. Panel Signs: Unframed polymer-based tactile sign with raised text and Grade 2 contracted California Braille, complying with requirements of United States Justice Department's 2010 ADA Standards for Accessible Design, and California Building Code; ultraviolet-resistant acrylic polyurethane enamel paint color coat; provide the following as indicated:
 - o Room identification signs.
 - o Toilet room door and jamb signs.
 - o Enclosed stairway identification signs.
 - o Fire extinguisher signs.
 - o Tactile exit signs.
2. Dimensional Characters: Metal characters fabricated from aluminum, in height and depth, and typeface indicated.

- o Finish: Acrylic polyurethane baked-on enamel paint, ultraviolet- and water- resistant.
 - o Color: Custom color as selected by Architect.
3. Accessible Parking and Vehicular Access Signs: Aluminum type mounted to steel posts.

B. Solid-Plastic Toilet Compartments

1. Toilet Compartments and Urinal Screens:
- o High-density homogenous polyethylene, 1-inch thick, floor-mounted, overhead-braced.
 - o Color: As selected by Architect from manufacturer's full range.
2. Hardware:
- o Hinges: 8-inch heavy duty hinge with wrap-around flanges, through-bolted.
 - o Latch and Keeper: 6-inch long surface-mounted sliding latch unit, with combination rubber- faced door strike and keeper, through-bolted.
 - o Coat Hook: Combination hook and rubber-tipped bumper.
 - o Door Bumper: Rubber-tipped bumper for outswinging doors.
 - o Door Pull: U-shaped unit for outswinging doors.
 - o Fire-Test-Response Characteristics:
 - Surface-Burning Characteristics: Comply with the following, per ASTM E 84:
 - Flame Spread Index: 25 or less.
 - Smoked Developed Index: 450 or less.
3. Room Corner Test: Meeting the following criteria when tested according to NFPA 286:
- o During the 40 kW exposure, flames shall not spread to ceiling.
 - o During the 160 kW exposure:
 - Flame shall not spread to the outer extremity of the sample on any wall or ceiling.
 - Flashover, as defined in NFPA 286, shall not occur.
 - o The peak rate of heat release throughout the NFPA 286 test shall not exceed 800 kW.
 - o The total smoke released throughout the NFPA 286 test shall not exceed 1000 sq meters.

C. Toilet Accessories

1. Toilet Accessories: Stainless steel; by Bobrick or equal; provide the following:
- o Wall-Mounted Mirrors.
 - o Grab Bars.
 - o Toilet Seat Cover Dispensers.
 - o Mop and Broom Holder.
 - o Coat hooks.
2. Owner-Provided Toilet Accessories: Following are to be provided by Owner and installed by Contractor:
- o Soap Dispensers.
 - o Toilet Paper Dispensers.

- o Hand Towel Dispensers.

D. Fire Protection Cabinets

1. Fire Extinguisher Cabinet: Semi-recessed style with 2-1/2 inch projection from wall; cold- rolled steel cabinet and door; fully glazed door with clear tempered glass.

E. Fire Extinguishers

1. Fire Extinguisher: Multi-purpose dry chemical fire extinguisher, UL-rated, 2-A:10- B:C, 5- lb capacity.

F. Coat Hooks

1. Coat Hooks: Clear polycarbonate fabrications for mounting on solid wood board. Hook Dimensions: 7 inches tall by 1-1/4 inches wide by 3/8 inch thick.

G. Visual Display Surfaces

1. Markerboards: Factory framed, porcelain enamel steel face
2. Core Material: Particleboard, 3/8" inch thick.
3. Backing Surface: Aluminum foil, 0.005 inch thick
4. Units in 8 foot increments shall be one piece construction, no joints

DIV 11 - EQUIPMENT

A. Food Service Equipment

1. Building systems design shall provide accommodations and include infrastructure for the following proposed District standard foodservice equipment items to allow functional use as a warming kitchen:

VII.

Category	Manufacturer	Model No.	Notes	Qty.
Walk-In Freezer (WIF)	Pacific	87 - 95 CF Modular	800 sf; both doors must be wide enough for pallet to pass through and allow maneuvering	1
Walk-In Cooler/Cold Storage Box (CSB)	Pacific	87 - 95 CF Modular	800 sf; both doors must be wide enough for pallet to pass through and allow maneuvering	1
Reach-In Freezer	True	TR2F-4HS		1
Reach-In Refrigerator	True	TR2R-4HS		1

Category	Manufacturer	Model No.	Notes	Qty.
Work Table	Advance Tabco	KSS-3012 w/ NS-2020 (drawers)	SSTL work table w/ (2) drawers	1
Pass Shelf	Advance Tabco	PA-18-114	At wall between work tables in food prep	1
Utensil Rack	Advance Tabco	SC-114	Suspended from above; between work tables in food prep	1
Wall Cabinet	Advance Tabco	WCH-1548/TA-46	SSTL wall cabinet	3
Work Table w/ Sink	Advance Tabco	KSS-3012/TA-11D w/ NS-2020	SSTL work table w/ (2) drawers and integral sink; for produce	1
2-Deck Convention Oven	Blodgett	ZEPH-200-E DBL	Manual Control and Timers Only; Mobile	2
Exhaust Hood	Gemini Air Systems		For Electric Convection Ovens	1
2-Deck Steamer w/ Stand	Cleveland	22CET6.1 Countertop	Manual Control & Timers Only / Requires Stand	2
Re-thermalizer / Warmer	Vollrath	72029 Cayenne Twin Well 7.25 Qt		1
S/S Wall Flashing	Gemini Air Systems	20 GA S/S		1
Fire Protection System	Gemini Air Systems	PYRO-CHEM	Part of Exhaust Hood	1
Work Table w/ Sink	Advance Tabco	KSS-3014.5/TA-11D w/ NS-2020	SSTL work table w/ (2) drawers and integral sink	1
Ice Machine / Bin	Hoshizaki	KM520MAJ		1
Glass Door Freezer	True	T-23FG	Mobile	1
Disposer / Pre-Rinse	In-Sink-Erator	SS-200-6AS-101		1
Soiled Dish Table	Advance Tabco	STS-30-48R		1
Dish Wash Machine / Booster Heater	Jackson MSC	TEMPSTAR HH		1
Condensate Hood	Advance Tabco	CH-363	Above high temp dishwasher	1
Clean Dish Table	Advance Tabco	DTC-S30-48L		1
3-Compartment Pot Sink	Powersoak	PDS-156-3PH	Unpowered; Deep compartments capable to submerge 18x26 pans	1
Wall Shelf / Utensil Rack	Advance Tabco	PS-15-120		1
Disposer / Pre-Rinse	In-Sink-Erator	SS-200-6-AS-101	Part of 3-Comp Pot Sink	1

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Category	Manufacturer	Model No.	Notes	Qty.
Ice Bin	Hoshizaki	TBD	Compatible w/ Ice Machine/Bin	1
Glass Door Refrigerator	True	TSD-47G	Mobile; located in vicinity of exterior service windows	1
Work Counter w/ cabinets	Advance Tabco	HDRC-306	Locate within vicinity of exterior service windows	2
Wall Shelf	Advance Tabco	WS-15-72	Above work counter w/ cabinets	2
Serving Counter	Advance Tabco	EB-SS-30 SERIES	Locate at service windows; size to accommodate under counter shelving and heated drawers	5
Heated Drawers	Hatco	HDW-2B	Integrate into EB-SS-30 service counter; 1 unit per service window	4
Serving Counter w/ 4-Hot Wells & Sneeze Guard @ Serving Lobby	LTI	ColorPoint Series		1
Display Refrigerator	True	TR1RPT-1G-1G	Mobile	3
Shelving	Cambro	CSURS Series	4-tier, 30x48, casters	60
Mobile Hot Cabinet	Crescor	H137WSUA12D	Top Mounted / Manual Controls ; Mobile	7
Hand Sink / S&T Dispenser	Advance Tabco	7-PS-25		3
Remote Refrigeration System	Cold Zone	Remote Air Cooled		1
Air Curtain			Typical @ exterior entry/exits	TBD

Equipment Locations:

Food Prep Area Snack Bar Area Food Court / Vestibule Area TBD (Various Locations)

* Coordinate size of washing sinks and counters to accommodate District standard cookware and pans, including under-counter warming cabinet/drawers.

B. Projection Screens

1. Motorized Projection Screen: Motor-in-roller type with instant-reversing motor, recessed in ceiling with automatic ceiling closure panel.
2. Screen Material: 156 inch high x 208 inches wide film screen, rear projection, seamless polyvinyl white viewing surface with tension system to maintain screen flatness.
3. Flame Resistance: Passes NFPA 701.
4. Electric Motor: Key operated switch, 120V 60Hz noise silencer with quick reverse and automatic thermal overload cut-out, integral gears and electric brake.

C. Stage Curtains

1. Fabric: 15 ounce, 100 percent brushed polyester fabric; new material from same dye lot
2. Bi-parting Main Curtain: 75% fullness, one-half panel fold back on leading edge, snaps sewn to top jute webbing, pocket bottom hem
3. Color: As selected by Architect from manufacturer's entire range of selections.

D. Audio-Visual Equipment

1. Refer to 'EXHIBIT A' for District A/V equipment standards.

DIV 12 - FURNISHINGS

A. Architectural Wood Cabinets

1. Wood Cabinets: Plastic laminate-faced cabinets; Custom Grade per AWI/AWMAC/WI Architectural Woodwork Standards, Section 10 "Casework."
2. Construction Style: Frameless.
3. Cabinet/Door Interface Style: Flush Overlay.
4. Hardware:
 - o Hinges: Heavy-duty five-knuckle wraparound type; satin chromium finish.
 - o Drawer Slides: Full extension with steel ball bearings; 150 lb per pair load rating;
 - o Pulls: Wire pulls, 4 inch center-to-center, satin chromium finish.
 - o Adjustable Shelf Supports: Steel with pins for 5 mm drilled holes.
 - o Locks: Full size removable IC core, bolt throw for function with room key to be provided as follows:
 - Classrooms: Min. (1) wardrobe, (1) upper, and (1) base cabinets.
 - Music Classroom: All wardrobe cabinets for instrument storage.
 - Administration: All display cabinets.
5. WI Requirements:
 - o Mark each unit of casework and countertop with WI Certified Compliance Label indicating compliance with specified quality grade.
 - o Before delivery to jobsite, obtain from WI, a Certified Compliance Certificate For Materials and Workmanship certifying that millwork products fully meet

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- requirements of grades specified.
 - o Upon completion of installation, obtain from WI, a Certified Compliance Certificate for Installation, certifying that installation is in compliance with WI requirements.
 - o If, for any reason, a reinspection is requested of Work required to be manufactured in accordance with the Manual of Millwork, and for which a fee is charged, said fee (if casework is found to be non-conforming in any manner) shall be the responsibility of the Contractor and subsequently deducted from the contract price in the form of a deductive change order.
6. Plastic Laminate Countertops and Splashes: Plastic laminate; Premium Grade per AWI/AWMAC/WI Architectural Woodwork Standards, Section 11 "Countertops."
- o Location: Typical throughout, unless otherwise noted.
 - o Colors: As selected by Architect from manufacturer's full range.
7. Acrylic Solid-Surface Countertops and Splashes: Acrylic solid-surface material; Premium Grade per AWI/AWMAC/WI Architectural Woodwork Standards, Section 11 "Countertops."
- o Location: Admin reception counter.
 - o Thickness: 1/2 inch.
 - o Color: As selected by Architect from manufacturer's full range.
 - o Sinks: Integral construction.

B. Horizontal Louver Blinds

1. Horizontal Louver Blinds: Louver blinds with metal headrail, aluminum 1-inch wide slats, slat tilt control, and pull cord for raising and lowering blinds.
- o Slat Color: As selected by Architect from manufacturer's full range.

DIV 14 - CONVEYING EQUIPMENT

A. Hydraulic Elevators – Passenger

1. Hydraulic Passenger Elevator: Hole-less telescopic Class A type; ASME A17.1 / B44 and ADA compliant.
- o Capacity: 2,500 lbs to 4,000 lbs.
 - o Speed: 100 to 150 feet per minute (fpm).
 - o Travel Distance: 2–3 floors.
 - o Service Life: 30 years
 - o Finishes: Durable, vandal-resistant finishes (e.g., stainless steel, plastic laminate) suitable for high-traffic environments

MECHANICAL AND PLUMBING SYSTEM DESIGN CRITERIA

I. SUMMARY

The purpose of these criteria is to define a certain minimum level of performance, capacity and quality, which shall be provided. However, the intent of this document is not to define the means and methods of how the end result should be achieved. The Respondent shall define any limitations, exceptions, and exclusions at the time of submitting their design/build proposal.

The design criteria and performance requirements are presented as a guideline for the design and installation of the HVAC and Plumbing systems. The criteria stated herein are minimum requirements.

The performance criteria shall be used as the basis for the design and construction of the project. This is an integrated project, requiring close coordination and planning with site, architectural, structural, electrical, and finishes conditions.

The Respondent shall be responsible for, and shall accept professional liability for the accuracy, appropriateness, completeness and code compliance, design, construction documents, Title 24 energy compliance, Cal Green requirements, Fire Life Safety requirements, Division of the State Architect (DSA) requirements, California State Fire Marshal requirements, and other documentation necessary for construction and for the system performance.

The successful bid contractor shall provide designed drawings indicating all equipment, layouts, ducting, airflows, mechanical design, capacities, detailing, etc., for a complete engineered system. The contractor shall include mechanical and structural engineering and satisfy the local jurisdiction requirements. The contractor shall submit the drawings to DSA and obtain a permit. The contractor shall incorporate all DSA requirements as part of the project.

The contractor shall comply with the following standards and guidelines:

ASHRAE
ASPE
NFPA
SMACNA
ASCE
TITLE 24
CBC, CMC , CPC, CEC, CEnC, CFC Current Adopted Code by DSA
CAL GREEN
BUILDING ENERGY EFFICIENCY STANDARDS

II. PERFORMANCE AND PROJECT DELIVERY REQUIREMENTS

At the time of submitting their proposal, Respondents are expected to minimally provide a Mechanical System design narrative summarizing key concepts including equipment list, equipment efficiency, quality of the equipment and **Best Value** for the District.

The response to the RFP shall include a description of the proposed HVAC system concepts, general configuration of major systems, manufacturer brand of equipment, efficiency of equipment, subsystems and components, along with a definitive statement of compliance, and a description of any deviations from the narrative, specifications, or concept drawings. The Respondent shall use a combination of a written narrative and/or drawings or graphic materials, as required, to convey the intent and compliance with the RFP.

The construction documents (provided by the awarded contractor) shall be prepared by the design build contractor and shall be stamped and signed by a professional mechanical engineer who is registered in the State of California with training and experience for practice in the specific disciplines of mechanical engineering, and who are either employed by, or specifically engaged by, the respective Respondent or its Respondent subcontractor firms for this project. The registered engineers who shall stamp and sign the required documents shall comply with all State and municipal laws and requirements including those referring to responsible charge and direct involvement with preparation of the sealed and signed documents. Comply with the requirements of all applicable regulating authorities and the local jurisdiction, including all applicable codes and standards with any amendments. Comply also with the requirements of utility companies, as applicable with this project, comply with Title 24.

The HVAC systems for this facility shall be designed and constructed for **Best Value** to the District. Strong consideration shall be given to price, quality, efficiency, sustainability, maintainability and uniformity of product/equipment types.

III. MECHANICAL GENERAL REQUIREMENTS

Comply with the Codes and Standards listed below, except where the requirements stated in this Mechanical System Narrative, provide for higher quality or higher performance than the Codes and Standards and do not conflict with the requirements of the Codes and Standards or the requirements of the local jurisdiction.

Bring to the attention of the District, for resolution, any conflicts between listed Codes and Standards, this Mechanical System Narrative, conceptual drawings, and specifications.

IV. HVAC SYSTEMS

Accessibility for ease of maintenance and equipment replacement is extremely important to District. Grade mounted, or raised platform mounted equipment shall be easily accessible for maintenance. District-preferred location of HVAC units is on the roof on curbs. Ducting on the roof is not desirable to the District. Ducts should be down discharge from the equipment. Curbs should have a minimum of 11" from the top of curb to top of the finished roof.

The design of the HVAC shall meet acoustical Noise Criteria (NC) values stipulated in Chapter 49 Noise and Vibration Control, in the ASHRAE (most current version) HVAC Applications Handbook and in the ANSI/ASA S12.60-2010 Classroom Standard Guidelines, Section 5.2,

Table 1: Noise Criteria for HVAC and Plumbing Systems

Room Type	Background Sound Level LAeq	Noise Criteria NC
Private Office	35	30
Classroom	35	30
Meeting Room	35	30
Performance Space	25	20
Band Room	25	20
Music Room	25	20
Green Room	35	30
Maker Space	35	30
Gym	35	30

V. SYSTEM DESIGN CONDITIONS

- Outdoor: Summer: 105F db / 70F mcwb; Winter: 24F db
- Summer Design Wet Bulb: 71F
- Indoor: Classrooms and Administration: 74F db summer and 72F db winter
- Lighting Loads: Title 24 required or actual conditions
- Equipment Load Minimum Allowances:
 - General Office/Admin Spaces - 1 watt/sf
 - Classrooms - .5 watts/sf
- Occupant Load: Per Title 24, or actual count, whichever is greater
- Ventilation Load: Per Title 24, or CMC/ASHRAE, whichever is greater

VI. MECHANICAL SCOPE

The following list is not intended to be all inclusive. Major items of work include, but are not limited to, the following:

- All indoor occupied areas shall have mechanical cooling and heating.
- Packaged unitary heat pump units with economizers. Packaged unit basis of design is Carrier 50FEQ series (3-5 tons, 16.2 SEER) and Carrier 50GEM (6-10 tons) or Ruud, Daikin equal. (Commercial construction type of unit, high efficiency).
- All HVAC systems that have outdoor condensers shall be provided with Hail Guard.
- All HVAC systems shall meet current EPA standards and regulations for allowable refrigerant – R454B, R32 or equal.
- IDF (telecom) rooms are to be mechanically cooled with a stand-alone mini split system to control room temperature to 80F. Where batteries are stored in the IDF room, the design temperature shall be 75F. If battery manufacture allows higher temperatures, the room can be allowed to be designed to the higher temperature with a maximum design temperature of 78F. Comply with ASHRAE 15 for refrigerant concentration limits.
- Electrical rooms – provide mechanical exhaust where temperatures of the electrical equipment can be appropriately maintained with thermostatically controlled exhaust. Exhaust fans shall be located on the roof.
- Rooms with UPS batteries – independently cooled with mini split system to maintain room temperature of 75F or lower if required by the battery manufacture. Provide exhaust where required by code.
- Sound and vibration control.
- Ducted air distribution systems. No ducting is allowed on the roof. Exposed ductwork shall be spiral lockseam constructed in accordance with SMACNA guidelines.
- Refrigerant piping, condensate piping.
- Finish painting, finish work.
- Concrete housekeeping pads raised a minimum of 4” above adjacent grade or above adjacent concrete area.
- Roof curbs for mechanical equipment. Height of curbs shall be a minimum of 11” above the finished roof.
- Temperature controls: Pelican controls.
- Duct sealing to a maximum leakage of 1% of volume.
- Duct, pipe and equipment insulation.
- Exhaust for restrooms with a minimum of 12 air changes per hour for multiple water closet restrooms. A minimum of 10 air changes per hour shall be used for single water closet rooms

and janitors rooms. Preferred motors are direct drive multispeed ECM motors. (example Varigreen by Greenheck).

- Fire dampers and combination fire/smoke dampers. Duct detectors are to be furnished when required by code or total area smoke detection with shut down control of HVAC system(s).
- HVAC filtration. MERV-13 minimum. Recommended to be 4-inch thick minimum.
- Above ceiling HVAC units shall have a galvanized water tight drip pan with drains extended to the exterior of the building. Secondary condensate drains must be piped in lieu of equipment shut down without piping.
- Equipment identifications with phenolic labels, thermostat identifications.
- Operating and maintenance instructions.
- Startup and test of equipment, test and balance of system and commissioning.
- Seismic anchorage and support.
- Testing, Balancing. Balancing by AABC or NEBB certified company.
- Sizing equipment to meet the District's intended use.
- Systems shall be fully zoned with one heat pump AC unit per classroom. Heat pump units shall be controlled by Pelican BMS system. Heat pump systems shall have FDD (fault diagnostic and detection) controls in accordance with Title 24.
- Kitchen hoods, make up air (DX Cooling, No Swamp Cooler), air conditioning to maintain 78F room temperature in the summer and 70F room temperature in the winter. Provide kitchen hoods for heat producing equipment and dishwashing equipment. Provide Type 1 and Type 2 hoods in accordance with the CMC.
- Administrative office area to have consideration to be zoned by exposure and type of occupancy. Thermafuser type of register will be considered.
- Coordinate placement of grilles with light fixtures and sprinkler head locations.
- Coordinate placement and type of diffusers. Do not short cycle supply and return (or exhaust). Diffusers and registers shall be appropriately spaced apart from each other for optimal performance.
- General systems requirements: Provide economizers for each classroom air conditioning unit with power exhaust controlled from a VFD for building pressure.
- HVAC systems shall be entirely automatically controlled, requiring no manual operation.
- Supply, return, exhaust and outdoor air shall all be fully ducted. Above ceiling plenum return systems will not be allowed.
- Low pressure supply, return and exhaust air duct work velocities shall not exceed 1200 FPM and duct friction shall not exceed 0.08" WC per 100 feet. Use the minimum number of fittings possible.
- Modulating damper velocities shall not exceed 1000 FPM.
- Fly fans at kitchen.

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- Coordinate exact locations of ceiling inlets and outlets to provide uniform air distribution throughout the rooms they serve. Provide modular core type diffusers in ceilings or other equal in performance diffusers. Perforated supply diffusers are not permitted. Perforated return grilles are allowed.
- Provide spring isolation curbs for packaged rooftop HVAC units 7-½ tons and larger. All other units may have a factory non-spring isolated curb.
- Pelican controls are to control all scheduling of HVAC units. Exhaust fans are to be schedule from Pelican controls where possible or timeclocks (except kitchen exhaust and IDF room exhaust). Controls are to monitor supply air temperature, alarms, status, and provide energy saving strategies. Energy saving strategies and operations shall include but not be limited to economizers for all classrooms and other areas 3 tons and larger, exhaust for economizer cycle, unoccupied mode, occupied mode, and demand control ventilation for multipurpose rooms and other areas required by Title 24.
- Classrooms with exterior doors to be provided with a door switch to de-energize HVAC unit when door left open for more than 5 minutes (adjustable).
- Commissioning will be required per the CEnC. District will contract with a commissioning agent to oversee the commissioning efforts by the contractor and design team.

VII. PLUMBING SCOPE

The following list is not intended to be all inclusive. Major items of work include, but are not limited to, the following:

- Plumbing design and installation including, but not limited to, potable water, sewer, venting, domestic hot water, plumbing fixtures, storm drainage piping, roof drainage, grease interceptor, water hammer arrestors, trap primers, water heaters, expansion tank, pumps, valving, pressure testing, chlorination disinfection, seismic bracing, balancing, and insulation.
- Where allowed by the authority having jurisdiction: Underground sewer piping below the building may be *solid core* PVC with DWV fittings. Service weight cast iron is acceptable with 4-band heavy duty no hub couplings; above ground waste and vent piping may be *solid core* PVC with DWV fittings (where allowed by authority having jurisdiction), service weight cast iron, or copper DWV. Underground piping shall be sloped uniformly and with proper bedding. Obtain sign off of all underground work by the inspector of record. Provide video camera inspection at completion of project with water flowing to prove there are no flat locations. Video inspections shall be identified and keyed to a drawing to easily depict the area of the camera inspection. Correct all issues related to improper flow. Submit to the District.
- Storm piping shall be service weight cast iron above grade and below grade. Solid core PVC with DWV fittings may be used underground. Exterior downspouts shall be Schedule 40 or

Schedule 10 galvanized with welded pipe supports to structural elements. Galvanized gauge downspouts are not allowed due to potential vandalism damage. Appearance of fabricated steel brackets must be aesthetically neat, functional, and appropriate.

- Water piping above grade: Copper type “L” ASTM B88 hard drawn with wrought copper fittings. Joints thru 1-½” shall have lead free solder. Joints 2” and larger shall be brazed. Alternate: press joint and fittings allowed when demonstrated best value for the district. Not allowed materials: grooved fittings, PEX.
- Service valves: Provide independent service valves for cold water to each building, janitors rooms, each main student restroom, school wings, each floor of a two story building shall have a service valve to shut off the entire floor. Valves shall be threaded ball valves.
- Fire sprinkler risers shall be in their own enclosure or shall rise within a janitorial or mechanical space, accessible from the outside of the building. All exterior fire piping and fire drain pipes shall be painted.
- Provide domestic booster pumps where necessary to provide a minimum of 30 psi at second floor flush valve fixtures. Domestic booster pump shall incorporate a variable speed drive, controls, and a hydro pneumatic tank. Provide factory authorized training to the District.
- Kitchen grease interceptors are to be located outside. Minimum size must be in accordance with CPC criteria for fixture units with a 100% safety factor.
- Plumbing fixtures:
 - Water closets: flush valve for all student accessible areas. Kohler, American Standard. Flush valves to be Sloan to match the district standards. Manual flush valves 1.28 gpf. Provide self-sustaining open front lids with check hinges. Staff toilets to be wall mounted water closets. Student toilet rooms shall incorporate wall mounted water closets with floor carriers (JR Smith or Zurn).
 - Lavatories: Kohler, American Standard Vitreous China. Faucets to be metered faucets. Metered faucets can be push activation (student areas). Single lever manual for staff area. Faucets shall be Chicago to match district standards. Student restrooms are to have cold water faucets, Staff restrooms are to have cold and hot water at the faucets. Lavatory flow .5 gpm max.
 - Sinks: Just, Elkay stainless steel 18 GA. Type 304. Undermount in classroom
 - Break room sink: ADA accessible double compartment with garbage disposal on non-ADA side of sink. 18 GA stainless steel sink.
 - Drinking bubblers classroom sinks: Conceal all flex risers to not be visible below the drinking bubbler. Stop valve and bottom of flex riser may be visible only.
 - Bottle fillers: Elkay bottle filler with filter to match the District standards.
 - Drinking fountain: One drinking fountain minimum for each outdoor play area. Drinking fountain to be outdoor rated. One drinking fountain minimum at Multi-purpose (MPR), Gym, and each play area.

- Floor drains are required in all student restrooms and where required by the CPC. Floor drains are required in staff restrooms regardless of number of plumbing fixtures. All floors are to be sloped throughout the room toward the floor drain. Plumbing contractor to coordinate with the design team to provide the slope. Provide trap primers.
- Ice maker box connection at administration break room refrigerator.
- Mop sinks: Flourstone, Fiat or equal, wall mounted faucet with bucket hook, vacuum breaker, service stops. 12" stainless backsplash around sink, hose hook and mop hangar
- Urinals: .125 gpf with Sloan manual flush valves to match the District standard.
- Hose bibbs: Hose bib with lock key, vacuum breaker. Flush style wall hydrants where located in areas with student access. Woodford model 79 or 79B. Provide hose bibbs on roof at maximum 150 ft on center. Provide wall hydrants within 20 feet of student restrooms along the outside wall. Provide a minimum of two wall hydrants on the outside walls per building, spaced apart on opposite ends.
- Water heaters: AO Smith, State or equal. Complete with expansion tank, earthquake strapping, elevated housekeeping pad. Provide hot water return pump and piping to provide domestic hot water within 15 seconds of faucet activation. Insta-hot water heaters are allowed for remote standalone lavatories. Deliver 110F hot water at outlet of fixtures. Deliver 140F water at outlet of food preparation: 3-compartment sinks, fill stations, and mop sink locations (non-hand sink locations). Insta-hots are preferred at staff restrooms where feasible. Provide thermostatic mixing valves where required to meet code required temperatures.
- Plumbing fixtures shall have a Brass Craft or equal FIP inlet angle stop with lock shield and loose key. Risers shall not utilize rubber cone style washers. Provide flexible, polymer braded flex risers with minimum pressure rating of 125 psi.

VIII. FIRE SPRINKLER SYSTEM

Buildings shall be fully sprinkler in accordance with NFPA13, currently enforced edition as modified by the CFC.

- Provide light hazard and ordinary hazard classifications in accordance with NFPA and AHJ.
- Provide fully equipped fire sprinkler risers indoors with a door to the outside. Janitors rooms or mechanical rooms may be used for the riser. Provide adequate access to entire riser, valves, gauges, and flow switch.
- Provide water flow testing.
- Threaded piping 2 inches and smaller shall be Schedule 40 black steel with UL and FM listed fittings. Grooved end piping 1-¼" and larger may be Schedule 10 black steel with grooved fittings and welded outlets (welding in conformance with AWS B2.1).

- Submit a full set of design drawings for DSA review.

ELECTRICAL SYSTEMS DESIGN CRITERIA

I. SUMMARY

The purpose of these criteria is to define a certain minimum level of performance, capacity and quality, which shall be provided. However, the intent of this document is not to define the means and methods of how the end result should be achieved. The Respondent shall define any limitations, exceptions, and exclusions at the time of submitting their design/build proposal.

The design criteria and performance requirements are presented as a guideline for the design and installation of the Electrical systems. The criteria stated herein are minimum requirements. Provide complete electrical system, including all panels, conduits, raceways, wiring, junction boxes, receptacles, light fixtures, lamps, and all other necessary components for a complete system.

The Respondent shall be responsible for, and shall accept professional liability for the accuracy, appropriateness, completeness and code compliance, design, construction documents, Title 24 energy compliance, Cal Green requirements, Fire Life Safety requirements, DSA requirements, California State Fire Marshal requirements and other documentation necessary for construction and for the system performance.

II. SITE ELECTRICAL DISTRIBUTION

- Provide all site electrical infrastructure complete in place, tested and approved and as required for a complete, usable and proper installation. All site conduit, cabling, appurtenances, and equipment shall be installed per the criteria documents, code requirements, manufacturer's recommendations and utility company requirements. The most stringent guideline shall prevail.
- Provide calculations and documentation demonstrating that the site electrical systems (power, signal, tele/data and fire alarm) are sized appropriately to accommodate the impacts of future anticipated growth in school enrollment plus 25% future capacity.
- The electrical design must be based on an overall level of quality and maintainability commensurate with a long-term investment. The design shall incorporate proven technology, materials, and equipment.
- Provide conduit stub-outs for future power, signal, tele/data and fire alarm to a location designated by the District for future relocatable classrooms.
- In addition to the conduit stub-outs for future relocatable classrooms, provide empty conduits from the main switchboard distribution section to a pull box within a landscape area for future access for future loads.
- Electric service yard shall be centrally located.

III. LIGHTING SYSTEM

- Luminaires shall be dimmable, color tunable LED with daylight sensors, occupancy sensors, or standalone lighting control panels equipped with astronomical time clocks.

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- Classroom luminaires will consist of suspended linear and recessed direct/indirect lay-in luminaires.
- Multipurpose room luminaires shall be pendant mounted LED.
- Lighting should meet the minimal levels stated in Illuminating Engineering Society of North America (IESNA) standards.
- Control and dim teaching area separately.
- Local lighting controls shall be readily accessible in each classroom for teachers to manually override automatic controls.
- Local manual lighting controls can be wired or battery wireless.
- Automatic control of exterior lights by an astronomical clock and equip with a photocell override.
- Exterior pole lights shall be designed for 25 feet or less.
- Light spillage from exterior lighting systems shall be designed and installed to have zero light trespass on adjoining properties.
- Provide 90-minute battery packs for interior and exterior egress lighting.
- Lighting control system shall be Wattstopper, nLight or owner approved equal.
- Lighting and lighting control system shall have readily available replacement parts. Luminaires manufactured by Lithonia or Philips preferred.

IV. POWER SYSTEM

- Electrical service shall be provided at 277/480 volt, 3-phase, 4-wire with step-down transformers to provide 120/208 volt, 3-phase, 4-wire power where needed.
- Power system will consist of a switchboard sized for a 1000-student Phase 1 build-out and a future 500-student build-out located at the back of the Phase 1 campus. Include transformers, primary feeder, secondary feed, distribution feeders.
- Provide underground conduit stubs for future phases, sized to provide 25% future capacity.
- The distribution panels, transformers, and branch circuit panels will be in an electrical room, accessible by staff only.
- Provide photovoltaic solar power (PV) and battery energy storage system (BESS) as required by Title 24. PV and BESS to be provided, serviced and maintained locally.
- Power monitoring and metering shall be provided for the Kitchen loads. Meters shall be manufactured by EKM.
- Branch Circuit Loads
 - Connect no more than eight general purpose receptacles to a 20A/1P circuit.
 - Receptacles serving computer equipment or general-purpose printers can be combined.
 - Do not combine power and lighting on the same circuits except for under-cabinet fixtures.
- All electrical receptacles shall be specification grade.
- All exterior outlets shall be weatherproof, weather resistant, ground fault protected and installed with metal lockable weatherproof while-in-use covers.
- Provide 120V power to Temperature Control Panel, coordinate with mechanical.

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- Provide 120V power receptacle in each janitor closet.
- Classrooms
 - Provide minimum two 120-volt quad power receptacles classroom wall.
 - Provide data outlet adjacent to each power receptacle with two data cable drops at each data outlet location.
 - Provide 120-volt receptacle and one video drop for TV and Apple play at instruction wall.
 - Provide power near teacher station.
 - Provide power on whiteboard wall, centered below the whiteboard.
 - Provide two dedicated power outlets above the counter for Chromebook charging racks.
- Control Room
 - Locate in administration building.
 - Network MDF shall be in the Control Room.
 - Provide UPS sized for servers and supporting equipment with minimum 15-minute battery backup.
 - Provide power to split system unit for the room.
 - Provide IEEE network equipment racks with rack mounted PDU's on each rack to power rack mounted network equipment.
 - Provide equipment ground bar with ground bond for equipment racks, cable ladders, etc.
- Offices
 - Provide 120-volt quad receptacle on a minimum of three walls.
 - Provide data outlet adjacent to each power receptacle with two data cable drops at each data outlet location.
 - Provide a dedicated 120-volt receptacle to support high speed networked copier.
- Conference
 - Provide 120-volt quad receptacles on each wall.
 - Provide data outlet adjacent to each power receptacle with two data cable drops at each data outlet location.
 - Provide 120-volt receptacle for each computer.
 - Provide 120-volt receptacle and data outlet at +72" AFF on one wall for video monitor.
 - Provide 120-volt receptacle at video conferencing equipment location.
- Cafeteria/Multi-Purpose Room
 - Provide 120-volt receptacle and data outlet at electronic bulletin board video display locations.
 - Provide 120-volt receptacle and data outlet at point of sales devices.
 - Provide 120-volt quad receptacles and data outlets spaced along each wall at a minimum of 25'-0" on center.
 - Provide 120-volt receptacle and data outlet for a ceiling or wall mounted LCD projector.
 - Provide power and controls for motorized projector screen.
- Gymnasium
 - Provide 120-volt quad receptacles and data outlets spaced along each wall at a minimum of 25'-0" on center.
 - Provide 120-volt receptacle and data outlet for two score boards.

- Provide power and controls for motorized basketball backboards.
- Provide 120-volt receptacle and data outlet for a ceiling or wall mounted LCD projector.
- Provide power and controls for motorized projector screen.
- Makers Lab
 - Provide 120-volt quad receptacles and data outlets spaced along each wall at a minimum of 10'-0" on center.
 - Provide six ceiling power drops on retractable cord.
 - Provide 120-volt receptacle and one video drop for TV and Apple play at instruction wall.
 - Provide power receptacle and data outlet near teacher station.
 - Provide power receptacle and data outlet on whiteboard wall, centered below the whiteboard.
 - Provide two dedicated power outlets above the counter for Chromebook charging racks.

V. TELECOMMUNICATION SYSTEM

- Work included:
 - Voice/Data Communications backbone and horizontal distribution systems.
 - Voice/Data Communications terminations at workstations, offices and classrooms.
 - All cross connecting blocks and mounting hardware.
 - All cabinets, equipment housing, wire-minders and mounting brackets.
 - All distribution frames (Chatsworth 2-post racks), wall frames, cable basket tray, and mounting brackets.
 - All station cabling, jacks, patch cords and connecting cables.
 - All splicing and splice protection material.
 - All fire-stop materials.
 - All cross connect jumper wires.
 - All cable mounting materials.
 - All tie wraps, bushings, and miscellaneous parts and materials.
 - All grounding materials (except ground connection points) including grounding wires and connectors for distributing ground to all mounting racks, data cabinets, ladder racks, protector modules, cable sheaths.
 - All earthquake bracing materials, brackets and mounting hardware.
 - Performance testing of all cable drops.
- Backbone Configuration shall consist of fiber optic cable from MDF to each IDF.
 - MDF located at MPOE. MDF shall have two equipment racks.
 - One IDF located in each building. Each IDF to have one equipment rack.
 - All data cabling raceways shall be sized for CAT 7A cables.
 - CAT 6A cables shall be installed throughout.
- Classrooms
 - Provide data outlet with two cable drops at each convenience power receptacle location.
 - Provide one video drop for TV and Apple play at instruction wall.
 - Provide data outlet with two data cable drops near teacher station.

- Provide data outlet with two data cable drops on whiteboard wall, centered below the whiteboard.
- Provide a voice and video drop at teacher workstation location.
- Provide CAT 6A data drops with LAN, Wi-Fi, and Internet with 6-fiber for future expansion.
- Provide one voice drop with each telephone. Telephone located on wall opposite the door at +48"
- Provide minimum one wireless access point with two data cables at each classroom.
- Provide A/V plate on whiteboard wall, centered below the whiteboard.
- Provide A/V plate on wall near teacher station.
- Offices
 - Provide voice and fiber/CAT 6A data drops and/or wireless capability with LAN, WAN and internet access.
 - Provide data drop at each 120-volt quad receptacle location.
 - Provide one voice drop with each telephone.
 - Provide a data drop to support high speed networked copier.
- Conference
 - Provide voice, video and data drops for LAN, Wi-Fi, Internet access and fiber pulled for future.
 - Provide data drop at each 120-volt quad receptacle location.
 - Provide one voice drop with each telephone.
 - Provide one data drop for each computer.
 - Provide one data drop at LCD projector.
 - Provide one data drop at video conferencing equipment location.
- Cafeteria/Multi-Purpose Room
 - Provide data/video ports at video display of electronic bulletin board locations.
 - Provide CAT 6A data drops with LAN, WAN, and internet access to support point of sales devices, fiber pulled for future, inventory systems, and student access.
 - Provide data drop at each 120-volt quad receptacle location.
 - Provide one voice drop with each telephone.
 - Provide one data drop for each computer.
- Gymnasium
 - Provide data outlet with two cable drops at each convenience power receptacle location.
 - Provide data outlet for two score boards.
 - Provide data outlet for a ceiling or wall mounted LCD projector.
- Makers Lab
 - Provide data outlet with two cable drops at each convenience power receptacle location.
 - Provide one video drop for TV and Apple play at instruction wall.
 - Provide data outlet near teacher station.
 - Provide data outlet on whiteboard wall, centered below the whiteboard.
 - Provide data outlet with two data cable drops for wireless access point (WAP) in each classroom.

- Exterior Telecommunications Systems
 - Provide wireless access at outdoor learning areas and the two buildings nearest the blacktops.
- Miscellaneous Locations
 - Provide data drop at Temperature Control Panel, coordinate with mechanical.

VI. INTRUSION ALARM SYSTEM

- Sonitrol Security is the preferred vendor.
- Provide a U.L. listed subscriber control panel/unit (SCU) with glass break detectors, motion detectors, door switches and arming devices.
- System control at the protected premise will be accomplished through an intelligent keypad interface.
- The central processing system is designed to receive, display, log and annunciate all actions and audible sounds transmitted from the protected premise.

VII. FIRE ALARM SYSTEM

- Silent Knight is the preferred fire alarm vendor.
- Fire alarm manufacturer shall have multiple factory trained local service providers.
- An intelligent reporting, Style 7 networked, fully peer-to-peer, microprocessor controlled fire detection and emergency voice alarm communication system shall be installed. Include required CO sensors.
- Each Signaling Line Circuit (SLC) and Notification Appliance Circuit (NAC) shall be limited to 80 percent of its total capacity during initial installation.
- MC cable for fire alarm circuits within the building.
- Provide code required voice evacuation system.
- Provide interconnection and monitoring of kitchen fire suppression system.
- Provide controls for de-energizing kitchen equipment located under the kitchen exhaust hood as required by code.

VIII. VOIP PA SYSTEM

- Rauland Telecenter is the preferred vendor.
- Provide a VOIP solution for the PA system.
- The system shall include intercom, audio paging, text-to-speech, and program distribution functions for distribution of schedules, emergency tones and messages via intercom system speakers.
- The system shall include the capability to group speakers together for paging and scheduling.
- All devices shall be addressable.
- Tie-in the phone/intercom system to allow paging by any phone.
- Each classroom shall be a “zone” on the system capable of individual intercom use or as part of an

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“all call”.

- Common areas, including but not limited to, corridors, commons (cafeteria), gymnasium, media center, mechanical rooms, and restrooms, shall be provided with PAS coverage from the system for general and emergency announcements.
- System shall provide opening tones and messages for announcements to speakers.
- The loudspeakers shall be grouped in modular zones allowing maximum flexibility for paging area assignment.
- Category 6A cable between speaker and the IDF room.

IX. CLOCK SYSTEM

- Provide a 900 MHz wireless clock system.
- Transmitter shall be in a room that is centralized to the campus.

X. MULTI PURPOSE ROOM SOUND AND LIGHTING SYSTEM

- Provide 120-volt receptacles and data ports for stage sound system.
- System shall be composed of speakers, amplifiers, microphones, wireless microphones, mixers, Blue-Ray DVD player, MP3 player etc. to support announcement, plays, and musical events at indoor and outdoor stage areas.
- A/V system components including projection screen and audience speakers shall be contractor furnished/contractor installed.
- All A/V system conduit and cables to be furnished and installed by the contractor.
- A/V equipment to be rack mounted in a rack located near the stage.
- Provide theatrical lighting system complete for a Multi-Purpose Room configuration including but not limited to the following:
 - Lighting console.
 - DMX controls
 - Dimming system
 - Theatrical lighting mounting rail
 - LED Theatrical luminaires

CIVIL DESIGN CRITERIA

I. SUMMARY

The following civil design requirements shall establish the design intent and design criteria for use by the Design Build Entity. These requirements shall be met for the final design of the project and completion of the construction documents for the civil portion of the work. The civil design of the project shall be based on the current building codes, plumbing codes, fire codes, and per jurisdictional standards where applicable. Within the Placer County Right-of-Way, improvements shall comply with Placer County Construction Standards. Performance criteria must meet the District 'Facilities Utilization Master Plan' and 'Considerations for New Campus Design' which identify minimum levels of quality, materials, and workmanship, and may exceed Code requirements.

As an overarching goal, the civil design shall follow the District 'Facilities Utilization Master Plan' and 'Considerations for New Campus Design' by being cost effective, functional and inspiring. Civil facilities should focus on a utility system design that allows for reliability and performance throughout the lifecycle of the campus. The civil engineer should focus on the site context within the Placer One Specific Plan and design a utility system that integrates with the surrounding community infrastructure. While this document references proposed Placer One infrastructure, the design engineer should consult the most recently available design documents.

The civil design of the project shall utilize recommendations provided in the project geotechnical investigation, including, but not limited to, soil corrosiveness, soil permeability, and groundwater depths.

II. DESIGN REQUIREMENTS

The civil design of the project shall be based on the following design requirements:

- Provide all infrastructure complete in place, tested and approved, as specified, and as required for a complete, usable and proper installation. All infrastructure piping, appurtenances, and equipment shall be installed per the criteria documents, code requirements, and manufacturer's recommendation. The most stringent guideline shall prevail.
- Provide calculations and documentation demonstrating the impact of the new construction on the existing utilities, and mitigation measures to accommodate the impacts. Calculations shall also be provided justifying design decisions on proposed infrastructure.
- Incorporate proven technology, materials, and equipment. The design must be based on an overall level of quality and maintainability commensurate with a long-term investment.
- All existing manholes, inlets, valve boxes, cleanout boxes, pull boxes, vaults, etc., are to be adjusted to new finish grades as necessary.
- Integrate and coordinate size and location of utility connections to site with applicable

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developers.

- Integrate and coordinate rough grading of site and adjacent improvements with applicable developers.
- Appropriately size and stub utilities to accommodate future campus growth needs, if anticipated or planned at time of design.
- Develop a Stormwater Pollution Prevention Plan (SWPPP) and implement Best Management Practices (BMPs) in accordance with local and State Water Board requirements.

A. Existing Site Description

The 22.02 acre site is denoted as Lot PR-92 within the University Creek Neighborhood of the Placer One Specific Plan. The site is bounded by future Sunset Boulevard to the south, future Maple Park Drive to the east, future park to the north and future residential development to the west. Aside from a proposed park to the north, the use in the immediate vicinity of the site is residential. Immediately to the north there is a proposed open space corridor with 10' wide paved shared-use path that runs in the east-west direction. Currently, the site consists of fallow land comprised of volunteer weeds and grasses.

Review of the Specific Plan for Placer One (formerly Placer Ranch) (December 2019) indicates the master development will install roadways adjacent to the project site (curb and gutter along the frontage), utilities and related services to the site. The Design Build Entity shall coordinate final improvements with District and developer and install all required improvements not otherwise performed by the Placer One developer.

B. Grading and Drainage Design Requirements

1. Grading shall be designed to balance earthwork to the maximum extent practicable.
2. Excess soil shall be tested and removed from the site to either an approved disposal facility, or an approved off site facility.
3. Import clean fill soil in conformance with geotechnical engineering recommendations. Fill material shall meet recommendations set forth by the California Department of Toxic Substances Control (DTSC).
4. Grading for the site and building pad area shall conform to the recommendations provided in the Geotechnical Investigation for the project, including but not limited to over-excavation requirements, compaction requirements, and removal of utilities.
5. Following site grading and construction, all disturbed site areas not permanently stabilized (i.e. foundations or hardscape) shall be landscaped in accordance with the Criteria within this document and the District Design Standards.
6. Drainage design should be based upon the requirements set forth by Placer County.
7. Opportunities should be explored early in the design phase to utilize the park site in conjunction with the stormwater quality and quantity requirements for runoff from the school site.

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C. Paving Design Requirements

1. Pavement sections shall be in conformance with the project Geotechnical Investigation for depth and base requirements. Incorporate different sections based on vehicular or pedestrian loading to provide economical and practical sections.
2. Existing paving damage by construction activities shall be repaired or replaced. If replaced, pavement sections shall meet new pavement design criteria.

D. Sanitary Sewer Design Requirements

1. At time of preparation of this Criteria, the design of the off-site sanitary sewer infrastructure to serve the site is in a preliminary stage. The preliminary infrastructure drawings indicate proposed gravity sanitary sewer mains adjacent to the site, with a 12" main within Maple Park Drive and 15" main within Sunset Boulevard. Review original design drawings, visually inspect site conditions, and perform additional investigation as required to determine size and depth of existing sanitary sewer.
2. Sanitary sewer shall be designed to have proper clearance from all water piping per Uniform Plumbing Code and Agency requirements.
3. Sanitary sewer piping shall be designed to vertically clear other utilities by a minimum of 12 inches.
4. Sanitary Sewer service is indicated to be provided by Placer One improvement plans. The project design shall establish one or more connections to the public mains within the surrounding street infrastructure.
5. The project civil engineer shall work with the design team to identify which buildings need sewer connections, size project pipes upstream of the main based upon expected flow, and identify feasible points of connection near buildings.
6. Sewer design shall consider future grading in order to design a gravity system which minimizes the need for lift stations to the extent practical.

E. Storm Sewer Design Requirements

1. At time of preparation of this Criteria, the design of the off-site storm sewer infrastructure to serve the site is in a preliminary stage. The preliminary infrastructure drawings indicate proposed gravity storm sewer mains adjacent to the site, with storm drain pipes within both Maple Park Drive and Sunset Boulevard. Provide new and/or modified storm sewer components (i.e. inlets and piping) in accordance with accepted industry standards.
2. All inlet grates in walkway areas shall be ADA compliant.
3. No new off-site utility connections shall be made without approval from the Owner.
4. Storm sewer piping shall be designed to vertically clear other utilities by a minimum of 12

inches.

5. Stormwater runoff should be directed to post-construction stormwater quality treatment areas and shall meet the requirements set forth in the West Placer Storm Water Quality Design Manual (WPSWQDM). This could include bio-retention planters, which should be designed in conjunction with the landscape architect.
6. Larger areas of detention should be used if needed to meet downstream quantity requirements.

F. Domestic/Potable Water Design Requirements

1. At time of preparation of this Criteria, the design of the off-site domestic water infrastructure to serve the site is in a preliminary stage. The preliminary infrastructure drawings indicate proposed domestic water mains adjacent to the site with proposed 16” diameter mains within Sunset Boulevard and Maple Park Drive. Potable water will be supplied by the Placer County Water Agency public water supply system.
2. Size and provide meter and backflow in accordance with local agency requirements to serve the needs of the site.
3. Maintain separation of domestic water from sanitary sewer per California Plumbing Code and Agency requirements.
4. The civil engineer shall work closely with the design teams to determine the domestic water demands for each building and size them to ensure a supply that meets these needs.
5. A looped, or grid, water distribution configuration should be used to the maximum practical extent.

G. Recycled Water Design Requirements

1. At time of preparation of this Criteria, the design of the off-site recycled water infrastructure to serve the site is in a preliminary stage. The preliminary infrastructure drawings indicate proposed 18” mains, reducing to 12” main to the west, within the open space area to the north of the site. Recycled water is proposed to be provided in the surrounding area from the City of Roseville’s Dry Creek Wastewater Treatment Plant (wholesale to PCWA). All recycled water improvements are to be constructed to PCWA and/or Placer County standards.
2. Design landscape to be irrigated with recycled water.
3. Establish a connection to a public recycled water pipe, and distribute it as needed to landscape areas on site. The civil engineer shall work with the landscape architect to establish viable points of connection.

H. Fire Water Service Design Requirements

1. The campus will be served by a connection to the Placer County Water Agency public

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water main. New fire service to the buildings shall be provided in conformance with local fire jurisdiction, CFC, and NFPA requirements including location of any new PIV/FDC assemblies.

2. Provide all calculations for the new fire service to the approval of the local fire marshal.

I. Natural Gas Distribution Requirements

1. The natural gas provider is Pacific Gas and Electric. Underground utility design and mapping of the existing gas service is incomplete. Verify the size, location, and capacity of any new and existing meter(s).
2. Provide gas service to the new building in accordance with California Plumbing Code requirements. Coordinate design and installation with PG&E.
3. Determine the gas load requirements of the new building.

J. Electric and Telecom Utilities

1. Secure electric and telecom utilities when located within the service area for the respective utility company. This includes (but is not limited to):
 - (a) Pacific Gas and Electric (Pioneer Community Electric) for electrical service
 - (b) AT&T, Comcast, Consolidated Communications and Wave Broadband for telecom and cable service

K. Off Site Improvements

1. The Design Build Entity shall coordinate final offsite improvements with the District and developer and install all required improvements not otherwise planned to be performed by the Placer One developer.
2. Prepare off-site improvement plans to Placer County Standards and Specifications for the work, including preparation of an engineer's estimate. Submit plans to the County on the District's behalf and gain approval for street improvement permit from Placer County as required.
3. Provide all bonding as necessary, secure the necessary permits and adhere to all Placer County requirements to work within the Right-of-Way. Within the public Right-of-Way, design shall be in accordance with the Placer County standards and specifications.

LANDSCAPE ARCHITECTURE DESIGN CRITERIA

I. SUMMARY

The following Landscape design requirements shall establish the design intent and design criteria for use by the Design Builder Entity (DBE). The intent of these design criteria is not to define the means and methods of how the end result should be achieved. These requirements shall be used as a guideline for the final design of the project and completion of the construction documents for the landscape architectural portion of the work. These criteria requirements are to be used in conjunction with the Roseville City School District (RCS D), California Green Building Standards Code (CALGreen), and Placer County Standards. Performance criteria and District Facilities Design Standards identify minimum levels of quality, materials, and workmanship, which may exceed Code requirements.

II. DESIGN STYLE/INTENT

The landscape design aesthetics should reflect the high academic aspirations of the school, while connecting with the surrounding community creating a landmark which will establish a recognizable identity and instill pride in students and community.

- The landscape design style and theme shall reinforce and provide opportunities for flexibility and future expansion of the learning environments, integrating indoor and outdoor spaces.
- Spatially the landscape should become an integration with the architecture of the school site, providing comfort and interest using varying textures, paving patterns, and planting elements.
- The planting and landscape design should define circulation and soften hardscape.
- The landscape will provide an extension of the learning environment within a natural setting becoming an important teaching component of the campus.
- Outdoor spaces within the school should be developed for clear organization and internal identity.
- The landscape should reflect on the idea that the facility should captivate students, making them feel that the space is special and a place for academic success, healthy self-esteem, positive social interaction, and physical safety.

III. LANDSCAPE PLANTING

The landscape planting design should reference and follow all District Design Standards, and CALGreen requirements for DSA approval, as well as the design guidelines as set forth in the Placer County Landscape Design Guidelines and the Placer County, Placer Ranch Specific Plan (PRSP)*. The plant palette should be guided by the Placer Ranch Specific Plan Master Plant Palette provided in the Landscaping Section of the Design Guidelines (PRDG Section 2) and the Placer County Water Efficient Landscape Ordinance (WELO). Plant species chosen for the school site should consist of a drought tolerant, low maintenance, hardy plant palette and should be shown on plan and designed to accommodate each plant at full size and maturity,

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minimizing maintenance time, needs and cost. Coupled with efficient irrigation equipment the planting design needs to comply with current Placer County WELO standards and conserve water, reduce carbon emissions and mitigate stormwater runoff while creating a resource efficient landscape. Shade trees shall be planted to comply with CALGreen standards.

A. Planting Design Criteria

1. Sizing required: Shrubs and groundcovers to be no less than 1 gallon and trees must be no smaller than 24" box. All plant sizes shall be listed on a planting plan created during the Construction Documentation Phase.
2. Plant selection shall be guided by the Placer County, Placer Ranch Specific Plan, PRDG Section 2 Master Plant Palette and the Placer County WELO, and will be suitable to local climate conditions.
3. Refer to the PRSP for maximum allowed turf percentages on the site and the relative percentages of low water use plant species, buildings, and other hardscape/ non-landscaped features.
4. Plants shall be low water use.
5. Choices of plants and location on site shall be guided by considerations of solar exposure and climate conditions of the site.
6. Planting layout and design will be driven by ease of maintenance and minimize the following: Plant material that may attract or harbor pests/disease; trees that drop extreme amounts of litter (e.g., Liquidambar, fruit trees, etc.); plant material with a mature size larger than the space provided for growth; small plant material spaced too far apart allowing weed growth, perennial plants that die back in winter months.
7. Landscape areas shall be planted with predominately evergreen plant material proven to withstand urban conditions.
8. Trees shall be located according to an overall campus theme and provide for a hierarchy of species and sizes reinforcing the architecture while highlighting spaces and defining circulation. Deciduous and evergreen trees shall be placed to take advantage of solar exposures providing shade and cooling during summer and solar heat and light in winter.
9. Shade trees shall be planted to provide over 50 percent shade coverage to surface parking areas and 20 percent of landscape and hardscape areas within 15 years as per CALGreen standards.
10. Trees shall not be planted within concrete areas as standalone within a tree grate or decomposed granite. Trees in larger planters shall be planted a minimum 8' from adjacent concrete and located as to not grow into or overhang buildings.
11. Canopy trees planted adjacent to 2-story classroom buildings shall be located as to not impede views to and from classroom windows and should take advantage of solar exposures to help cool buildings during summer and allow for light during winter.

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12. Planting area size within the hardscape should reflect larger “green” islands used to soften, cool and break up hardscape areas.
13. Where there are smaller planting areas, plant material shall be limited to one or two species per planter and should remain consistent within the campus design.
14. Planting design should follow a layered, tiered arrangement where space allows. The use of a foreground, mid-ground and background planting arrangement is encouraged. Groundcover shall be placed in the foreground whenever possible to provide a natural weed barrier along walks or gathering spaces.
15. Plant materials shall be spaced to provide substantial cover, create interest through design, but also to allow adequate room to mature into their natural form and ultimate size.
16. Design for longevity — plants selected shall be long lived varieties of trees, shrubs, groundcovers, and grasses selected to be drought tolerant, hardy, and focus on ease of maintenance.
17. Group plant material with similar water needs so they can be irrigated together.
18. For security, design will follow CPTED (crime prevention through environmental design, principles for landscape planting and use high branched trees and low shrubs. There should be no planting condition in the landscape areas in which a person can hide, store personal possessions, or seek temporary shelter.
19. Soil within all planting areas shall be properly amended per a soils report, and finish graded prior to planting. Provide landscape area drains, tied into the site drainage system, in all planting areas.
20. Shrub and groundcover planting areas shall be spaced and designed as a natural way to control weeds.
21. Landscape planters along the outside of campus and adjacent to blacktop areas shall be predominantly ground cover planting spaced to fill in to provide maximum weed barrier and minimize maintenance.
22. All landscaped areas shall be top dressed with 3-inch depth of shredded redwood supplied locally as per District standard.
23. Planting areas as needed at fence locations shall be located on one side of the fence, when possible, for ease of maintenance.

IV. LANDSCAPE IRRIGATION

A. Design Intent

1. The irrigation system should be designed for use with recycled water and will require a dedicated water meter, “smart” controller, and valves to ensure water use for the proposed locations can be adjusted as necessary for maximum water conservation and to

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meet Placer County Water Efficient Landscape Ordinance criteria.

2. The shrub/groundcover planting irrigation should be designed to be a low maintenance system comprised of low volume subsurface drip irrigation.
3. The inline drip system should allow for water to be delivered directly to each plant and can be adjusted as required to match the soil infiltration rate to provide an even distribution of water to each plant without overwatering.
4. The turf irrigation system design should eliminate any chance of overspray and run-off typically found with traditional irrigation sprinkler heads, while decreasing the amount of maintenance and deterioration on adjacent hardscape surfaces and building facades.

V. CODES AND STANDARDS

All work and materials to be designed and specified on plans and in specifications shall be in full accordance with the latest rules and regulations of the National Electric Code; the Uniform Plumbing Code, published by the Western Plumbing Officials Association; and other State or local laws or regulations.

VI. MATERIALS

A. Controllers

1. The District required controller is the CALSENSE CS3000. Provide in pre- packaged, pre-wired controller enclosure to be powered and data linked to the district network.

B. Pipe and Fittings

1. Main lines (constant pressure) 4" and smaller shall be manufactured from polyvinyl chloride (PVC), be PVC class 315 plastic pipe in conformance with ASTM 1984 Standards and have mechanical restraints.
2. Lateral lines (non-pressure); 3/4" and larger shall be Schedule 40 PVC pipe. All lateral lines shall be connected with Schedule 40, Type I, Grade I, PVC solvent weld fittings.
3. Connections between main lines and RCV's shall be of Schedule 80 PVC (threaded both ends) nipples and fittings.
4. Connections between mainlines and QCV's shall be of schedule 80 (threaded both ends) nipples and fittings.
5. Transitional changes in depth from mainline to lateral lines shall be made with 45- degree fittings.
6. Risers shall be as follows: Schedule 80 PVC threaded nipples and Schedule 80 PVC ells as shown in the construction details.

C. Quick Coupling Valves

1. Quick coupling valve shall be as per District standard

D. Remote Control Valves

1. Remote control valves shall be as per District standard.

E. Gate Valves

1. Gate Valves 2-1/2" and smaller shall be bronze construction with operating wheel and screwed connections. Gate Valves 3" through 10" shall be epoxy coated cast iron with operating nut (2" square) and "0" ring connections for PVC plastic pipe and resilient seat. Install in round plastic valve box as detailed.

F. Low Voltage Wire

1. Low Voltage Control two-wire remote control valves shall be single-conductor insulated copper with U.L. approval for direct burial in ground, size #14-1 Common ground wire shall have white insulating jacket; control wire shall have insulating jacket of color other than white. Splices shall be made with 3M DBR/Y-6 seal packs for waterproof direct-bury rated connectors.
2. Tracer wire for mainline pipe shall be #10 solid copper - type TW wire for 2-1/2" and larger pipe and #14 solid copper type for TW wire for 2" and smaller pipe.

G. Valve Boxes

1. Valve boxes for remote control valves shall be per District standard. Lid shall be engraved: "Irrigation Control Valve" and include station number.
2. Valve boxes for gate valves and quick coupling valves shall be per District standard. Lid shall be engraved "Irrigation Control Valve".
3. Valve boxes for gate valves on Mainline shall be per District standard.

H. Sprinkler Heads

1. All sprinkler heads shall be as per District standard.

I. Master Valve

1. Master Valve shall be as per District standard.

J. Booster Pump

1. The District required Booster pump is supplied by V-Power Equipment Inc. and shall be as per District standard. Provide complete pre-assembled custom flow pump assembly installed on concrete pad to be plumbed and powered per District standard.

VII. LANDSCAPE SITE DESIGN/ELEMENTS

Site elements including: bike and scooter racks, bike lockers, benches, trash receptacles and recycle bins, and the placement thereof shall be determined by district. Designer to coordinate site element selection, purchase, and locations with District. See also “Bike Rack Design” this document.

VIII. PLAYGROUND AREAS: UPPER GRADE, LOWER GRADE, & KINDER

Individual and separate playground apparatus shall be designed in each play area for use by; upper grade students, lower grade students and use within the kinder class/play location.

There shall be a minimum of one (1) play structure in each of the designated play areas. Refer to the Architectural “Site Utilization Diagrams” for approximate size of each play area and location options. Play equipment shall be designed to meet all Placer County, District and Consumer Product Safety Commission, (CPSC) playground standards. DBE to determine the final quantity of play structures and the size of playground equipment, following CPSC, and manufacturer guidelines for safety “fall” zones in coordination with adjacent uses and which shall be as determined by the size and layout of each playground space.

Play structures, equipment and playground surface materials shall be anti-static, and/or be given an anti-static treatment, resilient and shall be coordinated with District staff.

Playground surfacing shall be rubber poured-in-place as per District standard.

Landscape Architect shall verify appropriate playground apparatus per age/grade level has been installed correctly within each play area during prior to installation and again during inspection.

The District preferred suppliers are N. Cal Playworks and Playgrounds Unlimited. Rope play apparatuses constructed of flexible, steel-reinforced cables with opportunities for multi-dimensional, high-engagement social play experiences are preferred where they can be incorporated into the play areas as appropriate.

B. Kindergarten Play Area Design Intent

1. The Kindergarten play area and playground apparatus should accommodate children in kindergarten and transitional kindergarten (TK), ages 3 years and 11 months-5 years and should:
 - (a) Provide for inclusive play fostering acceptance, empathy and emotional growth for children of all abilities.
 - (b) Encourage social skill development offering opportunities for parallel play and cooperative play.
 - (c) Encourage cognitive skills by allowing children to be creative and imaginative.
 - (d) Provide opportunities within the play equipment for fine and gross motor skill development.

C. Lower Grade Design Intent

1. The Lower Grade play area and playground apparatus shall accommodate children ages 5-12 years (grades 1 through 3) and should:
 - (a) Provide for inclusive play fostering acceptance, empathy and emotional growth for children of all abilities.
 - (b) Provide opportunities to assist in fine and gross motor skill development through flexibility, balance, agility, and strength.
 - (c) Encourage logical thinking.
 - (d) Provide physical challenges.
 - (e) Provide opportunities for imaginative, active free play.

D. Upper Grade Design Intent

1. The Upper Grade play area and playground apparatus shall accommodate children ages 5-12 years (grades 4 & 5) and should:
 - (a) Provide for inclusive play fostering acceptance, empathy and emotional growth for children of all abilities.
 - (b) Encourage students to connect with peers while developing social skills
 - (c) Provide opportunities for critical thinking growth, challenge, collaboration, competition, confidence building.
 - (d) Offer opportunities at a higher level to advance physical prowess, muscle strength and endurance.

IX. PLAYGROUND AREAS: MIXED USE PLAY/GAME COURTS AND STRIPING

The common play/game court shared play space shall be designed as inclusive and provide opportunities for a variety of individual, group learning and play opportunities. At a minimum the common play game/court space should include the design and striping for:

- Four Square - with adjacent square (Striping)
- Four Square – in game circle (Striping)
- Ability Ladders (Striping)
- Tetherball (Striping and Equipment)
- Basketball (Striping and Equipment)
- Volleyball (Yellow Striping and equipment)
- Kickball (Striping)
- Running Arrows, which delineate an exercise track around the perimeter of the play space. (Yellow Striping)
- Exercise Track - composed of decomposed granite encircling turf field

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E. Play Striping

1. Play area and court striping will be used to delineate game courts and provide for learning opportunities within the common play area. Striping for the common blacktop space shall follow District standards and be 2" in width.

F. Shade Structures:

1. Shade structures shall be made from all metal materials as per District standard.
2. Shade structures shall be an integral part of the play area design and be located in the upper grade, lower grade, and kindergarten student playground locations. Shade structure sizes to be determined by final play apparatus size, placement and design.

G. Seat walls/Raised Planters:

1. There will not be any raised planter walls or seat walls as part of the school design due to safety concerns and vandalism.

H. Bike Rack Design:

1. The bike racks shall be located in conjunction with the Architectural building layout and in coordination with the Civil Engineering site plan. The bike rack location is to be on campus and behind school perimeter fencing for security. Bike racks shall be grouped together in a single location to accommodate bikes and scooters, with separate lots for TK-5 and 6-8 and access remaining separated from vehicular traffic. The bike rack product type and quantity of Bike racks required shall follow the School District standard and Placer County Code. Bike lockers for staff shall be permanently secured, covered, and lockable in quantity required as per CALGreen standards.

I. Flagpole:

1. The School flagpole shall be located at front of school adjacent to the Administration building. Design location and installation details should accommodate manufacturer's detailed installation drawings, instructions and recommendations. The flagpole shall have an overall length of 33'-0", with 30'-0" exposed above the ground. Pole shall taper from 6 inches at butt to 3-1/2 inches at top. Location and installation details should be coordinated with Civil professional scope of work if located within concrete paving and should accommodate path of travel. If the flagpole is located in the landscape area, a concrete pad around the pole and access to it shall be provided.

X. LANDSCAPE DESIGN & SECURITY

Landscaping should be designed as an effective deterrent and maintained so that it does not provide opportunities for concealment. The planting design should follow CPTED principles and make use of high branched trees and low shrubs eliminating any planting condition in the landscape areas in which a person can hide, store personal possessions, or seek temporary shelter.

A. Fencing and gates:

1. Site perimeter fencing is to provide security and control access around the entire campus and shall be located along school property line excluding fencing at the main entry, all gates /site access points and the fencing surrounding the Kinder play yard. Perimeter fencing to be welded wire steel fence as per District standard, with the district preferred vendor being “AMERISTAR FENCE” and preferred product being “WireWorks Plus.”
2. Ornamental fencing and gates at main entries and Kinder play yard shall be per District standard.
3. Design team shall coordinate “panic” hardware on gates located within the school zones for emergency egress path of travel.
4. Fencing shall be placed on concrete mow bands when located in unpaved areas or adjacent asphalt concrete. No redwood headers are to be used adjacent fencing.

XI. LEARNING/GATHERING COURTYARD DESIGN

Exterior courtyard/amphitheater spaces are very important to the District and should be incorporated as part of the overall school masterplan. Gathering spaces with shade trees should be incorporated as central gathering spaces for students to use during recess, classroom teaching opportunities, a place for an impromptu faculty meeting or an outdoor theater for a class performance.

- Gathering areas should be designed as central green spaces minimizing the need for smaller landscape planters, while breaking up expanses of concrete and walkways on campus.
- Gathering areas should be designed to be used for both individual and group gathering, learning.
- Larger gathering spaces should be located both close to the upper grade student classroom areas as well as adjacent to the lower grade class locations.
- Design for gathering spaces in predominantly sunny locations shall provide for optional in-ground umbrella sleeve with lid, to be located within the landscape planter and adjacent to seating.

XII. STORM-WATER MANAGEMENT BIO-SWALE PLANTERS

The District is open to the design and use of bio-swales as an integral part of the landscape planting design and in conjunction with the Water Efficient Landscape Ordinance to provide opportunities to mitigate, capture, convey, cleanse, and infiltrate site stormwater.

XIII. GENERAL CONDITIONS FOR LANDSCAPE MAINTENANCE

A. Quality Assurance

1. Work Force: Contractor's representative should be experienced in landscape maintenance, and preferably should have an education in ornamental horticulture

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2. **Materials:** All materials used shall either conform to bid specifications or shall otherwise be acceptable to the Engineer. The District shall be given a monthly record of all herbicides, insecticides and disease control chemicals used.

B. Maintenance Period

1. The Maintenance period shall be 365 days (one-year) from written notice of the completion of the Pre-maintenance Inspection.
2. The Contractor shall continuously maintain all areas involved in this Contract during the progress of the work and during the maintenance period until final acceptance of the work by the Owner. Improper maintenance or possible poor condition of any planting at the termination of the scheduled maintenance period may cause postponement of the final completion date of the Contract. Maintenance shall be continued by the Contractor until all work is acceptable. To carry out the plant maintenance work, the Contractor shall furnish sufficient staff and adequate equipment to perform the work during the maintenance period. Maintenance period shall not end until all elements of construction, planting, and irrigation for the entire project are in accordance with Drawings and the specifications. The Contractor shall request an inspection to begin the maintenance period after all planting and related work has been completed in accordance with the Contract documents. A prime requirement is that all lawn areas shall have been planted and the lawn areas shall show an even, healthy stand of turf which shall have been mowed twice. If such criteria are met to the satisfaction of the Landscape Architect, a field notification will be issued to the Contractor to establish the effective beginning date of the maintenance period. Any day when the Contractor fails to adequately maintain plantings, replace unsuitable plants or do weed control or other work, as determined necessary by the Landscape Architect, will not be credited as one of the maintenance period working days. The Contractor's maintenance period will be extended if the provisions required within the Drawings and specifications are not filled. Project will not be segmented into maintenance phases.

C. Warranty and Replacement

1. **Guarantee:** All plant materials installed under the contract shall be guaranteed against any and all poor, inadequate or inferior materials and/or workmanship for a period of one year. Any plant found to be dead or in poor condition due to faulty materials or workmanship, as determined by the Landscape Architect, shall be replaced by the Contractor at his expense.
2. **Replacement:** Any materials found to be dead, missing or in poor condition during the maintenance period shall be replaced immediately. The Landscape Architect shall be the sole judge as to the condition of material. Material to be replaced within the warranty period shall be replaced by the Contractor within 15 days of written notification by the Owner.
3. Any delay in completion of planting operations which extends the planting into more than one planting season shall extend the Warranty Period correspondingly.

4. Contractor shall not be held responsible for failure due to neglect by Owner, vandalism, etc. during Warranty Period. Report such conditions to Landscape Architect in writing.

D. Inspections

1. Normal progress inspection shall be requested by the Contractor from the Landscape Architect at least 48 hours in advance of an anticipated inspection. Inspections are as follows:
 - (a) Immediately prior to the commencement of the work on this section.
 - (b) Completion of the first 60-day maintenance period.
 - (c) Mid-term six-month interval.
 - (d) Final acceptance.

***Link to the Placer County, Placer Ranch Specific Plan**[https://www.placer.ca.gov/6456/Placer- Ranch-Specific-Plan](https://www.placer.ca.gov/6456/Placer-Ranch-Specific-Plan)

Minimum Performance Specification

The Contractor shall furnish and install a complete, fully integrated Audio-Visual (A/V) system to support announcements, assemblies, theatrical productions, musical performances, multimedia presentations, and community events within the Multi-Purpose Room and associated stage areas. All A/V components shall be contractor-furnished and contractor-installed and coordinated with the District's Technology Services.

1. Projection System

- Provide a reverse-mount laser projector with a minimum of 8,000 ANSI lumens, WUXGA or 4K resolution, a 20,000-hour light source, and HDBaseT capability, with an appropriate lens.
- Provide an enterprise-grade presentation switcher/scaler supporting 4K video resolution, HDCP compliance, HDBaseT transmission, audio embedding/de-embedding, and full integration with the control system.
- Provide a compatible HDBaseT receiver or endpoint at the projector location as required for signal transmission.
- Preferred manufacturers: Crestron, Extron, or District-approved equal.
- Provide projection screen (size and type coordinated with room dimensions and lighting conditions).
 - Projection screen fabric shall be reverse rolled.
- Coordinate mounting structure, reinforcement, conduit pathways, and dedicated electrical circuit.
- The system shall support the transmission of video, embedded audio, and control signals between the rack and projector over a single structured cable.

2. Audio System**Front of House (FOH)**

- Provide purpose-built FOH loudspeakers designed for 90dBA program level at rear seating area with <3dB variance.
 - The system must be designed based on room acoustical modeling (EASE or equivalent).
 - Distributed surface speakers are not acceptable as primary FOH reinforcement.
- Provide one (1) mounted subwoofer.
- Provide amplification and signal processing sized to room acoustics and occupancy load.

Stage Monitoring

- Provide two (2) two-way surface-mounted stage monitor speakers.

Audio Processing & Rack Equipment

- Provide a minimum 32x32 matrix DSP with:
 - 12+ local analog inputs
 - 12+ local analog outputs
 - Dante network audio (minimum 32x32 @ 96kHz)
 - Automatic microphone mixing (minimum 16 channels)
 - Acoustic echo cancellation (minimum 8 channels)
 - 8-band PEQ on all inputs and outputs
 - Speaker processing (crossover, limiter, delay)
 - Preset scheduling
 - Remote management capability
 - Compatible with Extron control system
 - Preferred Manufacturers: Q-SYS
- Provide rack-mounted audio processing, amplification, and mixing equipment.
- Provide a Bluetooth audio receiver.

3. Control System

The Contractor shall furnish and install a fully integrated, enterprise-grade control system for management of projection, audio, source routing, and presentation systems within the Multi-Purpose Room. The control system shall be a dedicated, hardware-based AV control platform designed for commercial/educational installations. Software-only or consumer-grade control solutions are not acceptable.

Control Processor

- Provide one (1) rack-mounted control processor.
- The processor shall be a purpose-built AV control appliance and shall support, at a minimum:
 - Ethernet control
 - Bi-directional RS-232
 - IR control
 - Relay/contact closure ports
 - Secure remote management capability
 - Secure network communication protocols
- Processor shall be sized to allow for future system expansion without hardware replacement.

User Interface

- Provide one (1) wall-mounted, PoE-powered color touch screen, minimum 7" diagonal.
- Provide one (1) rack-mounted or service-access control interface for technician use.
- The user interface shall be custom-programmed and shall not rely on consumer tablet devices.

Operational Requirements

The control system shall provide simplified, single-touch operation for primary system functions. At a minimum, the user interface shall include clearly labeled System ON and System OFF controls.

- **System On (Presentation Mode):**
Single-button activation shall automatically execute a coordinated startup sequence, including:
 - Power on the projector
 - Lower projection screen (if motorized)
 - Select default video input
 - Power on and unmute the audio system
 - Set default volume level
 - Activate assistive listening feed
 - Enable streaming/recording system (if installed)
 - Provide visual status feedback indicating system state (e.g., warming up, cooling down, active source).

Startup sequencing shall include appropriate delays and equipment protection logic.

- **System shutdown**
Single-button activation shall automatically execute a coordinated shutdown sequence, including:
 - Mute audio system
 - Disable microphones
 - Stop streaming/recording system (if installed)
 - Power down the projector
 - Raise projection screen (if motorized)
 - Execute proper equipment shutdown sequence with manufacturer-recommended cool-down delays

- **Expandability & Customization**

The control system shall support additional programmable operating modes and configurable presets as determined by the District during final programming.

The interface shall allow for:

- Addition of future operating modes without hardware replacement
- DSP preset recall
- Input routing changes
- Adjustable volume limitations
- Password-protected administrative access

Final control page layout and mode configuration shall be reviewed and approved by District Technology Services before commissioning.

- **Automatic System Reset**

The system shall automatically restore to a default OFF state after a configurable period of inactivity.

4. Network & Infrastructure

AV Rack Location & Elevation

Provide a dedicated AV equipment closet in the Multi-Purpose Room. Closet shall include:

- Minimum of thirty-six (36) inches of clear, unobstructed working space on three sides, including both the front and rear of the rack, to ensure proper access and serviceability.
- Wall backing for rack mounting (if wall-mounted)
- Dedicated lighting
- Ventilation sized for AV heat load
- Provide rack-mounted power distribution and power conditioning for all AV equipment.
- Provide rack space, power, and patching for one (1) District-provided managed network switch.

Provide floor-standing equipment rack, minimum 42RU, with:

- Locking front and rear doors
- Cable management
- Vent panels

Rack elevation drawings shall be submitted to the District for approval before procurement.

Network Requirements

- (2) data drops to AV rack (minimum)
- (2) data drops to the projector location
- (2) data drops to the stage wall location

All cabling shall terminate in labeled patch panels in IDF/MDF.

Coordinate VLAN configuration with District Technology Services.

Ventilation & Equipment Cooling

- Mechanical systems shall provide adequate ventilation and cooling for AV equipment rooms and rack locations, in accordance with the manufacturer's requirements.

5. Wireless Microphone System

The Contractor shall furnish and install a fully coordinated, professional-grade digital wireless microphone system designed for assembly, performance, and high-occupancy use in a TK-8 Multi-Purpose Room. The system shall meet the following minimum requirements:

System Capacity

- The wireless system shall support at least 16 simultaneously coordinated frequencies within the selected operating band.
- A minimum of 12 active wireless channels shall be provided at the time of installation.
- The system shall be expandable to 16 channels without replacement of core infrastructure (antenna distribution or rack equipment).

Microphone Inventory (Minimum Provided)

- (6) Hands-free headset microphones with bodypack transmitters
- (6) Wireless handheld microphones with interchangeable professional-grade capsules
- All microphones shall be suitable for speech and live performance use.

RF Infrastructure

- Provide a professional antenna distribution system capable of supporting all installed wireless channels.
- Provide remote-mount diversity antennas with appropriate mounting hardware and low-loss coaxial cabling.
- Antenna placement shall be coordinated to ensure reliable RF coverage throughout the MPR and stage area.
- RF design and frequency coordination shall be performed by the Contractor.

Frequency Coordination & Interference Mitigation

- The wireless system shall be fully frequency-coordinated to prevent intermodulation and interference during high-occupancy events.
- The system shall operate within legal FCC frequency bands and avoid restricted spectrum.
- Contractor shall verify reliable operation in the presence of audience mobile devices and nearby RF sources.
- Contractor shall provide post-installation RF scan documentation.

Power & Charging

- Provide rechargeable lithium-ion battery systems for all transmitters.
- Provide rack-mounted or consolidated charging stations capable of charging all transmitters simultaneously.
- Provide battery health monitoring capability (runtime indication required).

Performance Requirements

- Digital transmission with a minimum dynamic range of 118 dB.
- Latency not to exceed 4 ms.
- Operating range minimum 100 feet line-of-sight.
- All receivers shall be rack-mounted in the AV rack

6. Presentation & Streaming Inputs

- The stage input panel shall include a minimum:
 - (4) XLR mic inputs
 - (2) XLR line outputs
 - (2) HDMI inputs with one (1) 50-foot active HDMI cable rated for 4K signal transmission.
 - (1) 2" spare conduit to AV rack for future pathways
 - (1) DMX tie line (if theatrical lighting present)
- Provide rack space, power, and network connectivity for one (1) District-provided Apple TV. Apple TV shall be fully integrated into the presentation switching and control system.

7. Assistive Listening System (ALS)

The Contractor shall furnish and install a fully operational, code-compliant Assistive Listening System (ALS) for the Multi-Purpose Room. The system shall comply with:

- California Building Code (CBC) Section 11B-219
- CBC Table 11B-219.3 (Receiver quantity based on seating capacity)
- FCC regulations for wireless transmission, where applicable

Capacity & Code Compliance

- The quantity of assistive listening receivers shall be determined based on the final approved occupancy load of the Multi-Purpose Room in accordance with CBC 11B-219.
- Contractor shall calculate the required receiver quantity and submit compliance documentation for District review before procurement.
- A minimum of 25% of the required receivers shall be hearing-aid-compatible (neck loops) in accordance with CBC requirements.
- Contractor shall be responsible for ensuring full compliance at the time of inspection.

System Requirements

Provide a complete assistive listening system, including:

- Wireless or infrared assistive listening transmitter
- Required quantity of receivers per CBC calculation
- Ear speakers for all receivers
- Neck loops (minimum quantity per CBC requirements)
- Multi-unit charging station(s) capable of charging all receivers simultaneously
- Assistive Listening Notification Signage per CBC 11B-216.10
- Assistive Listening Notification signage at the point of service

Performance Requirements

- System shall provide full coverage of seating and standing audience areas.
- Signal shall be free of audible interference.
- System shall integrate with the primary sound reinforcement system.
- Contractor shall demonstrate system functionality during commissioning.

Future Consideration

- Contractor shall provide a pricing alternative for the induction hearing loop system in lieu of RF-based ALS.

8. Programming Ownership & Deliverables

At project closeout, the Contractor shall provide to the District:

- All editable control programming files
- All GUI project files
- All DSP configuration files
- All firmware configuration files
- All device drivers utilized in the system
- All administrative credentials and passwords
- Files shall be provided in native, fully editable format.
- No compiled-only files, password restrictions, license locks, or proprietary limitations preventing District modification shall be permitted.
- The District shall retain full ownership and rights to all programming and configuration files upon project completion.
- Provide system documentation, as-built drawings, program files, asset tagging, and inventory.
- Provide staff training on system operation.

9. Portable Sound System

Provide a Yamaha StagePas 1K MKII Portable PA System with accessories consistent with district standard. The system shall be fully integrated with the interior AV system serving the MPR stage.

System Components

Core Audio System

- Yamaha StagePas 1K MKII all-in-one portable speaker system
- Integrated 1100W line array configuration (minimum 123 dB SPL)
- 10" woofer (integral to system)
- Bluetooth streaming capability
- Manufacturer control application support

Wireless Microphones

- Dual-channel digital wireless microphone system (Shure SLXD24D-SM58 or district-approved equivalent)
- Rechargeable battery system with charging station

Wireless Linking

- Wireless XLR linking solution (Sennheiser XSW-D XLR or district-approved equivalent), if multi-unit linking is required

Portability & Power

- Portable battery power solution (EcoFlow Delta 2 or district-approved equivalent)
- Standard AC power adapter
- Protective rack/carrying case

Integration Requirements (Permanent Stage Facilities)

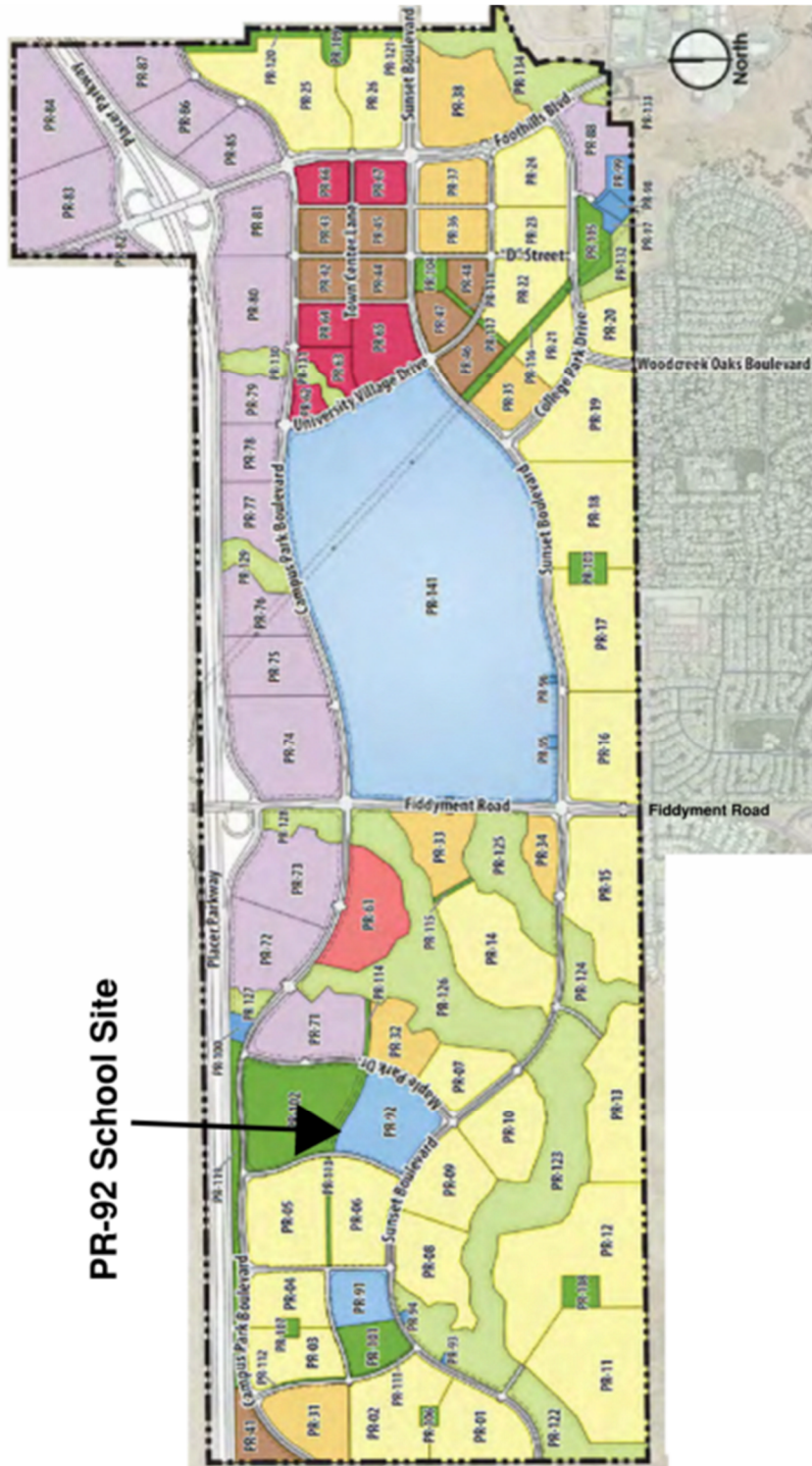
For facilities with a permanent stage, the portable PA system shall be integrated with the installed interior AV infrastructure as follows:

- Provide stage input/output wall plates to allow audio tie-in between the portable system and the installed AV rack
- Provide appropriate signal routing compatibility and patching capability
- Provide dedicated 120V power at the stage location and the designated storage location
- Provide a secure storage location with charging capability
- Coordinate installation and configuration with the AV integrator of record

The portable system shall not be provided as a standalone procurement item. Integration with the installed AV system shall be included in the base scope of work.

APPENDIX D

PROJECT SITE LOCATION



PR-92 School Site