

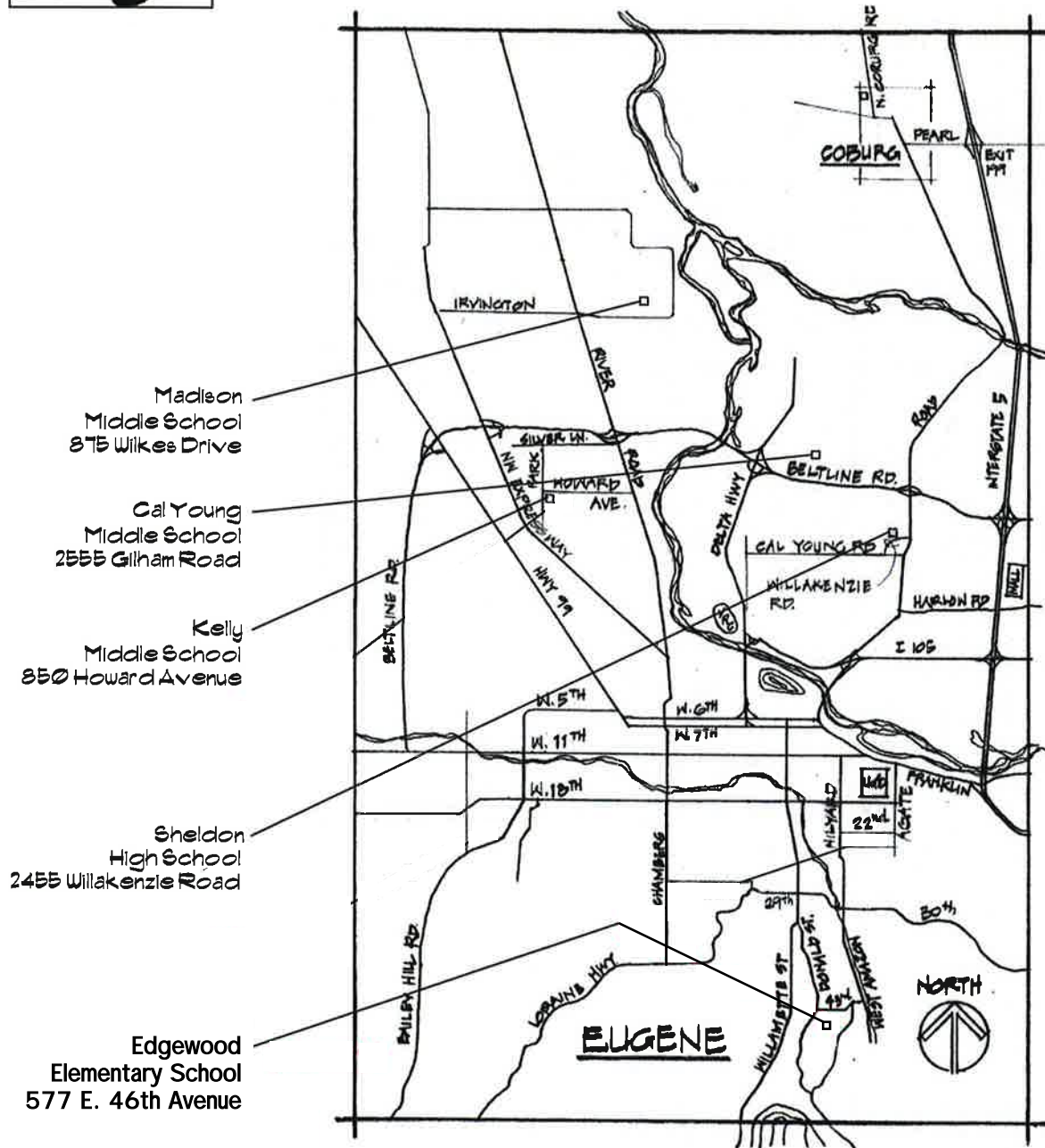


Project Manual

Multisite Painting 2020 Eugene Public School District 4J Eugene, Oregon

CIP #260.xxx.724

Issue Date: April 7, 2020



Prepared By:
Facilities Management
Eugene Public School District 4J
715 West 4th Avenue
Eugene, Oregon

Title Page

PROJECT MANUAL:

Multisite Painting 2020
Eugene Public School District 4J
Eugene, Oregon

C.I.P. Project No. 260.XXX.724

Owners Representative:

Michael Heffernan, AIA
Eugene School District 4J
715 West 4th Avenue
Eugene, OR 97402
Office: (541) 790-7405
Mobile:(512) 547-9550
heffernan_m@4j.lane.edu

Architect:

Michael Heffernan, AIA
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DATE: April 7, 2020

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 260.XXX.724
 April 7, 2020

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INVITATION TO BID

Electronic bids will be received by Diana McElhinney, Facilities Management Assistant, for the Multisite Painting 2020, on Thursday, April 16, 2020 until the Deadlines for Bid Submission; 2:00pm local time for all Base Bids; 1, 2, 3, and 4. Email electronic Bid to: mcelhinney_d@4j.lane.edu . There will not be a public opening, however Bid results will be posted on the 4j hyperlink listed below, following the deadline for submission of Bids. Late Bids will not be considered. Bidders are encouraged to send a test email to email address above to ensure they have it correct and that we receive it accordingly. For purposes of receipt time, the sent timestamp from the bidder's email account will be used.

Briefly, the work is described as: Preparing and painting the exterior of entire school buildings and site elements, and application of water repellant at brick and masonry surfaces at a total of five school buildings. Note that this is a re-bid of earlier project that included wood repair so all scope remains the same as earlier Bid, except there is no wood repair in this Bid scope.

Beginning Tuesday, April 7, 2020, Prime Bidders, Sub-bidders, and Suppliers may obtain bidding documents at the following hyperlink: <http://www.4j.lane.edu/bids/>. Hard copies are not provided by the School District. It is the responsibility of all Prime Bidders, Sub-bidders, and Suppliers to obtain Bidding Documents and all Addenda from the hyperlink. **It is important that bidders correctly indicate all addenda on the bid forms.**

A NON-MANDATORY pre-bid conference will be held by teleconference on Thursday, April 9, 2020 at 10:00am by using the following link: <https://zoom.us/j/404559268?pwd=bTI4Z3p5QmZtdFVoODdmeEd5M1Ezdz09> by computer audio or by calling 1-669-900-6833 and entering conference code 404 559 268 and password 567534. A walk-through is not being held at this time due to current remote work directive by the District, however each prospective bidder is welcome to walk each site individually, or upon request can schedule a walk-through by emailing heffernan_m@4j.lane.edu by Friday April 10, 2020. All prime bidders wishing to submit a bid are not required to attend this conference or walk-through.

Statements made by the District's representatives at the conference are not binding upon the District unless confirmed by written Addendum. Pre-qualification of bidders is not required. All questions must be emailed to the Architect by April 9.

Each bid must be submitted on the prescribed form and accompanied by an electronic copy of a surety Bond, Cashier's Check, or Certified Check, executed in favor of Eugene School District 4J, in the amount not less than ten percent (10%) of the total bid, based upon the total bid amount for those items bid upon.

Either with the Bid or within two working hours of the Deadline for Submission of Bids, bidders shall submit via email to same bid email, on the form provided, information regarding first-tier subcontractors furnishing labor or labor and materials, as provided in ORS 279C.370. Bids for which disclosure forms are required, but not submitted, will be rejected.

For every bid \$100,000 or greater, all Contractors and Subcontractors shall have a public works bond, in the amount of \$30,000, filed with the Construction Contractors' Board (CCB), before starting work on the project, unless exempt. Each Bid shall contain a statement indicating whether the Bidder is a "resident bidder", as defined in ORS 279A. 120.

No bid for a construction contract will be received or considered unless the Bidder is registered with the Construction Contractors Board or licensed by the State Landscape Contractors Board at the time the Bid is made, as required by OAR 137-049-0230. A license to work with asbestos-containing materials under ORS 468A.720 is not required for this project.

Each bid shall contain a statement that the "Contractor agrees to be bound by and will comply with the provisions of ORS 279C.800 through 279C.870 regarding payment of Prevailing Wages".

Contractor shall certify nondiscrimination in obtaining required subcontractors, in accordance with ORS 279A.110 (4).

Each bidder must send a single hard copy of bid (as submitted electronically) with original signature and include actual surety Bond, Cashier's Check or Certified Check by Mail within seven days of bid time to 4J Facilities Management Office, 415 West 4th Avenue, Eugene, Oregon 97402. Failure to send hard copy of these documents within allotted time may result in disqualification.

School District 4J reserves the right to (1) reject any or all Bids not in compliance with all public bidding procedures and requirements, (2) postpone award of the Contract for a period not to exceed sixty (60) days from the date of bid opening, (3) waive informalities in the Bids, (4) select the Bid which appears to be in the best interest of the District, or (5) reject any or all bids.

Date: April 7, 2020
By: Diana McElhinney, Facilities Management Assistant
Published: Register Guard, Daily Journal of Commerce, ORPIN (Oregon procurement Information Network)
School District 4J Hyperlink: <http://www.4j.lane.edu/bids/>.

DOCUMENT 00 21 13
INSTRUCTIONS TO BIDDERS

PART 1 GENERAL

STANDARD FORM

"Instructions to Bidders" AIA Document A701 2018 Edition. This Document is included by reference. The document as edited by the Owner, is available for review at <http://www.lane.edu.bids/>.

END OF DOCUMENT 00 21 13

DOCUMENT 00 22 13
SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

PART 1 GENERAL

The following Supplementary Instructions to Bidders modify, change from or add to AIA Document A701 Instruction To Bidders, 2018 Edition. Where any Article of the Instructions to Bidders is modified or any paragraph, subparagraph, or clause thereof is modified or deleted by these Supplementary Instructions to Bidders, the unaltered provisions of that Article, paragraph, subparagraph, or clause shall remain in effect.

1.1 ARTICLE 2 BIDDER'S REPRESENTATIONS

A. Add the following subparagraphs to 2.1.3:

2.1.3.1 Bidders are required to attend any mandatory pre-bid conferences or tours as stated in the Advertisement for Bids. Bidders not attending this pre-bid conference and tour shall be disqualified from bidding. Bidders will be required to sign in at the project site prior to the conference or tour.

2.1.3.2 Bidders are encouraged to visit the site(s) to become familiar with existing conditions. The Owner is not responsible and shall not bear financial burden for oversights made by the Bidder for failure to inspect sites prior to submitting a bid.

2.1.3.3 In all cases, persons wishing to examine the area of work must sign in at the school office prior to visiting the work area. Prior to leaving the school, sign-out at the office is required.

2.1.3.4 If access is required at times when the school office is not staffed, contact the Facilities Office, 541-790-7417, for assistance.

B. Add the following paragraph 2.1.5:

2.1.5 The Bidder certifies by signing the Bid that the Bidder has a drug-testing program in place for its employees that includes, at a minimum, the following:

- .1 A written employee drug-testing program,
- .2 Required drug testing for all new Subject Employees, or alternatively, requiring testing of Subject Employees every six months on a random selection basis,
- .3 Required testing of a Subject Employee when the Contractor has reasonable cause to believe the Subject Employee is under the influence of drugs, and
- .4 Required testing of a Subject Employee when the Subject Employee is involved in: (I) an incident causing an injury requiring treatment by a physician, or (ii) an incident resulting in damage to property or equipment.

A drug-testing program that meets the above requirements will be deemed a "Qualifying Employee Drug-testing Program". For purposes of this rule an employee is a "Subject Employee" only if that employee will be working on the Project job site; and

That if awarded the Public Improvement Contract, the Bidder will execute a contract in which the Contractor shall represent and warrant to the District that the Qualifying Employee Drug-testing Program is in place at the time of contract execution and will continue in full force and effect for the duration of the Public Improvement Contract; and that the Contract will condition the Agency's performance obligation upon the Contractor's compliance with this representation and warranty; and

That the Public Improvement Contract shall contain Contractor's covenant requiring each subcontractor providing labor for the Project to:

1. .1 Demonstrate to the Contractor that it has a Qualifying Employee Drug-testing Program for the subcontractor's Subject Employees, and represent and warrant to the Contractor that the Qualifying Employee Drug-testing Program is in place at the time of subcontract execution and will continue in full force and effect for the duration of the subcontract; or
- .2 Require the subcontractor's Subject Employees to participate in the Contractor's Qualifying Employee Drug-testing Program for the duration of the subcontract.

1.2 ARTICLE 3 BIDDING DOCUMENTS

A. 3.3 SUBSTITUTIONS

1. Add the following:

3.3.2.1 All requests for approval must be submitted in duplicate on "Substitution Request Form". Include a self-addressed stamped envelope. Requests received by Architect less than ten (10) days prior to bid will not be considered.

B. 3.4 ADDENDA

1. Delete paragraph 3.4.1 and substitute the following:

3.4.1 Addenda will be issued to plan centers listed in the Advertisement for Bids and all firms listed on the Planholder List.

1.3 ARTICLE 4 BIDDING PROCEDURES

A. 4.1 PREPARATION OF BIDS

1. Add the following Paragraphs:

4.1.8 Bidders shall certify to non-collusion practices on the form included as part of the Bid Form, to be submitted with the Bid Form.

.1 A Non-Collusion Affidavit is required for any contract awarded pursuant to the bid. According to the Oregon Public Contracts and Purchasing Laws, a public contracting agency may reject any or all bids upon a finding of the agency that it is in the public interest to do so (ORS 279C.395). This agency finds that it is in the public interest to require the completion of this affidavit by potential contractors.

.2 The Non-Collusion Affidavit must be executed by the member, officer or employee of the bidder who makes the final decision on prices and the amount quoted in the bid.

.3 Bid rigging and other efforts to restrain competition, and the making of false sworn statements in connection with the submission of bids are unlawful and may be subject to criminal prosecution. The person who signs the Affidavit should examine it carefully before signing and assure himself or herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the bidder with responsibilities for the preparation approval or submission of the bid.

.4 In the case of a bid submitted by a joint venture, each party to the venture must be identified in the bid documents, and an Affidavit must be submitted separately on behalf of each party.

.5 The term "complementary bid" as used in the Affidavit has the meaning commonly associated with the term in the bidding process, and includes the knowing submission of bids higher than the bid of another firm, any intentionally high or noncompetitive bid, and any other form of bid submitted for the purpose of giving a false appearance of competition.

.6 Failure to file an Affidavit in compliance with these instructions will result in disqualification of the bid.

4.1.9 Bidders shall certify to non-discrimination in employment practices on the form, included as part of the Bid Form, to be submitted with the Bid Form. By submitting its bid, the Bidder certifies conformance to the applicable federal acts, executive orders, and Oregon statutes and regulations concerning affirmative action toward equal employment opportunities. All information and reports required by the federal or Oregon state governments having responsibility for the enforcement of such laws shall be supplied to the Owner in compliance with such acts, regulation, and orders.

4.1.10 Bidder shall indicate, on the Bid Form where provided, the bidder's status as a "resident" or "non-resident" in accordance with ORS 279C.365 and ORS 279A.120.

4.1.11 First-Tier Subcontractor Disclosure:

.1 Within two working hours after the date and time of the deadline when the bids are due, a Bidder shall submit to the District a disclosure of the first-tier subcontractors that will be furnishing labor or will be furnishing labor and materials in connection with the public improvement; and will have a contract value that is equal to or greater than 5% of the project bid or \$15,000, whichever is greater, or \$350,000, regardless of the percentage of the total project bid.

.2 The disclosure of first-tier subcontractors shall include the name of each subcontractor, the category of work that the subcontractor would be performing, and the dollar value of each subcontract.

.3 The first-tier subcontractor disclosure applies only to public improvements with a contract value of more than \$100,000.

.4 The District will consider the bid of any contractor that does not submit a required subcontractor disclosure to the District to be a non-responsive bid. A non-responsive Bid will not be considered for Award.

.5 Contractor shall certify that all subcontractors performing Work are registered with the Construction Contractors Board or licensed by the State Landscape Contractors Board in accordance with ORS 701.035 to 701.055 before the subcontractors commence work under the Contract.

B. 4.2 BID SECURITY

1. Delete paragraphs 4.2.2 and 4.2.3 and substitute the following:

4.2.2 Each Bid shall be accompanied by a surety bond, cashiers check, or certified check, executed in favor of Eugene School District 4J, in the amount not less than ten percent (10%) of the total bid, based upon the total bid amount for those items bid upon. Should the Bidder refuse to enter into such Contract or fail to furnish Performance and Labor and Materials Payment Bonds and Certificates of Insurance as required by the Supplementary Conditions within ten (10) working days after contract forms are provided to the Bidder, the amount of the Bid Security may be forfeited to the Owner as liquidated damages, not as a penalty.

.1 Bid security shall accompany each Bid Package, not just one Bid Security to cover all Bid Packages.

.2 The Surety Bond shall be written by a Bonding Company authorized and licensed by the Oregon Insurance Commissioner. The bonding company must be listed on the most current US Government Treasury List, Department Circular 570, or approved PRIOR TO BID SUBMISSION by the Eugene School District 4J's Risk Manager. The Bond shall be on a AIA Document A310, most current edition. The Attorney-in-Fact who executes the Bond on behalf of the Surety shall affix to the Bond, a certified copy of a power of attorney.

.3 The Owner will have the right to retain the Bid Security of Bidders until either; a) the Contract has been executed and Bonds have been furnished, or b) the specified time has elapsed so that Bids may be withdrawn, or c) all Bids have been rejected.

C. 4.4 MODIFICATION OR WITHDRAWAL OF BID

1. Delete paragraph 4.4.1 and substitute the following:

4.4.1 A Bid may not be withdrawn or canceled by the Bidder following the time and date designated for the receipt of bids to the expiration of a 60 day period. The Bid for that sixty days is irrevocable and each Bidder so agrees in submitting a Bid.

1.4 ARTICLE 6 POST-BID INFORMATION

A. Delete Paragraph 6.1.

B. Modify paragraph 6.3.1 as follows:

In the first sentence delete the phrase "as soon as practicable" and add "within 48 hours."

C. Add the following:

6.3.1.4 Where asbestos abatement is required, Contractor or appropriate subcontractor shall be licensed by the Department of Environmental Quality to perform "asbestos abatement work", per OAR 340-248-0120, Adopted 1/25/90, and meet requirements of AHERA as specified in the Federal Register, 40 CFR part 763. Bidder shall submit evidence of licensing to Owner.

1.5 ARTICLE 7 PERFORMANCE BOND AND PAYMENT BOND

A. 7.1 BOND REQUIREMENTS

1. Delete paragraphs 7.1.1, 7.1.2 and 7.1.3 and add the following:

7.1.1 Unless otherwise stated in the solicitation document, prior to execution of the Agreement, the successful Bidder shall furnish a separate Performance Bond and a Labor Bond and Materials Payment Bond that in all respects conform to the requirements of ORS 279C.380 covering faithful performance of the Contract, and the payment of all obligations arising thereunder, each in an amount equal to one hundred percent (100%) of the Contract sum. The duration of the performance bond shall match the length of the project warranty.

7.1.2 Bonds shall be submitted on AIA Document A312, latest edition.

7.1.3 The surety issuing such bonds shall be duly authorized and licensed to issue bonds in the State of Oregon. The bonds shall be executed by an attorney-in-fact, principal or other authorized representative for the surety company, showing the Oregon agent for service, and bears the seal of the surety company. Where the bond is executed by a person outside the state of Oregon, his authority to execute bonds shall be shown. The Bonds shall be fully executed, payable to the Owner.

7.1.4 The cost of furnishing such bonds shall be included in the Bid.

B. BOLI Public Works Bond:

1. Add the following:

Pursuant to ORS 279C.836, for any contract awarded where the contract price is \$100,000.00 or greater, the Contractor and every subcontractor shall have a Public Works bond filed with the Construction Contractors Board before starting work on the project. This bond is in addition to performance bond and payment bond requirements. A copy of the Contractor's BOLI Public Works Bond shall be provided with the executed contract.

1.6 TIME OF DELIVERY AND FORM OF BONDS

A. A. Delete paragraph 7.2.1 and substitute the following:

7.2.1 The successful Bidder will be provided with contract forms through the Architect. These forms shall be executed and delivered to the Owner, along with Performance Bond and Labor and Material Payment Bond, within ten (10) days after receiving forms.

B. B. Add the following article:

ARTICLE 9 MISCELLANEOUS PROVISIONS

9.1 ADMINISTRATIVE RULES

All bidders are required to comply with the provisions of Oregon Revised Statutes and 4J Board Policy. Attention is directed to ORS 244, Government Ethics; ORS 279A and 279C, Public Contracting Code; Oregon Administrative Rules, Chapter 137, Divisions 46, 48 and 49; and 4J Board Policy DJC.

9.2 PROTEST OF BID

Protests of bid specifications or contract terms shall be presented to the Owner in writing five (5) calendar days prior to bid opening. Such protest or request for change shall include the reason for protest or request, and any proposed changes to specifications or terms. No protest against award because of the content of bid specifications or contract terms shall be considered after the deadline established for submitting such protest.

9.3 PROTEST OF AWARD

Any actual bidder or proposer who is adversely affected by the Owner's notice of award of the contract to another bidder or proposer on the same solicitation shall have seventy two (72) hours from the notice of award to submit to the Owner, a written protest of the notice of award. In order to be an adversely affected or aggrieved bidder or proposer with a right to submit a written protest, a bidder or proposer must itself claim to be eligible for award of the contract as the lowest responsible bidder or best proposer and must be next in line for award.

9.4 FINAL AWARD

The written notice of award of the contract shall constitute a final decision of the Owner to award the contract if no written protest of the notice of award is filed with the Owner within the designated time.

END OF DOCUMENT 00 22 13

**DOCUMENT 00 41 13
BID FORM**

BID FOR: Multisite Painting 2020
CIP Number 260.XXX.724

Bids Due Thursday, April 16, 2020
All Base Bids; 1, 2, 3, & 4: 2:00 pm

Submitted to: Facilities Management
Eugene School District 4J
715 West Fourth Avenue
Eugene, Oregon 97402

*NOTE: Provide a bid bond for each Base Bid. (See
Invitation to bid for electronic bidding requirements.)

Submitted by: _____
(Company Name)

BASE BIDS

The undersigned proposes to furnish all material, equipment, and labor required for the complete project, and to perform all work in strict accordance with the Contract Documents for the lump sum prices indicated below with completion occurring on or prior to the dates indicated:

BASE BID 1: Exterior Painting at Madison MS & Cal Young MS.

Bid: _____ \$ _____
(Words) (Figures)

BASE BID 2: Exterior Painting at Kelly MS & Sheldon HS.

Bid: _____ \$ _____

BASE BID 3: Exterior Painting at Edgewood ES.

Bid: _____ \$ _____

BASE BID 4: Total if all 3 Base Bids awarded to single firm.

Bid: _____ \$ _____

The undersigned understands that the Owner may award contracts for each Base Bid Package separately or a combination of Base Bid Packages; whichever results in the lowest cost to the Owner.

BID SECURITY

Accompanying herewith is Bid Security, which is not less than ten percent (10%) of the total amount of each Base Bid plus additive alternates.

STIPULATIONS

The undersigned acknowledges the liquidated damages provision included in the Supplementary Conditions.

The undersigned agrees, if awarded the contract, to comply with the provisions of Oregon Revised Statutes 279C.800 through 279C.870 pertaining to the payment of prevailing rates of wage.

The undersigned agrees if awarded the contract to comply with Oregon Revised Statutes 326.603 giving the Owner authority to obtain fingerprints and criminal records check of Contractors, their employees, and subcontractors providing labor for the Project.

The undersigned agrees, if awarded the Contract, to execute and deliver to the Owner within ten (10) working days

after receiving contract forms, a signed Agreement and a satisfactory Performance Bond and Payment Bond each in an amount equal to 100 percent (100%) of the Contract Sum.

For every Agreement of \$100,000 or greater in value, all Contractors and Subcontractors shall have a public works bond in the amount of \$30,000, filed with the Construction Contractors' Board (CCB), in compliance with ORS 279C.836, before starting work on the project unless exempt. Contractor agrees to provide a copy of the Contractor's BOLI Public Works bond with the signed Agreement as Specified in the Supplementary Conditions.

The undersigned agrees that the Bid Security accompanying this proposal is the measure of liquidated damages which the Owner will sustain by the failure of the undersigned to execute and deliver the above named agreement and bonds; and that if the undersigned defaults in executing that agreement within ten (10) days after forms are provided or providing the bonds, then the Bid Security shall become the property of the Owner; but if this proposal is not accepted within sixty (60) days of the time set for the opening of bids, or if the undersigned executes and delivers said agreement and bonds, the Bid Security shall be returned.

By submitting this Bid, the Bidder certifies that the Bidder:

- a) has available the appropriate financial, material, equipment, facility and personnel resources and expertise, or the ability to obtain the resources and expertise, necessary to meet all contractual responsibilities;
- b) has a satisfactory record of past performance;
- c) has a satisfactory record of integrity, and is not disqualified under ORS 279C.440;
- d) is qualified legally to contract with the Owner; and
- e) will promptly supply all necessary information in connection with any inquiry the Owner may make concerning the responsibility of the Bidder.

Prior to award of a Contract, the Bidder shall submit appropriate documentation to allow the Owner to determine whether or not the Bidder is "responsible" according to the above criteria.

The contractor agrees with the provisions of Oregon Revised Statutes 279C.505, which requires that the contractor shall demonstrate it has established a drug-testing program for employees and will require each subcontractor providing labor for the Project to do the same.

The undersigned has received addenda numbers _____ to _____ inclusive and has included their provisions in the above Bid amounts.

The undersigned has visited the site to become familiar with conditions under which the Work is to be performed and has correlated the Bidder's personal observations with the requirements of the proposed Contract Documents.

The undersigned certifies that the Bidder is a _____ Bidder under ORS. ("Resident" or "Non-resident", to be filled in by Bidder)

Names of Firm: _____

Street Address: _____
(City) (State) (Zip)

Telephone Number: _____ FAX Number: _____

Email Address: _____

Signed By: _____ Printed Name: _____
(Signature of Authorized Official. If bid is from a partnership, one of the partners must sign bid).

Date Signed: _____

Official Capacity: _____

If corporation, attest: _____ Date: _____
(Secretary of Corporation)

SEAL (If Corporate) _____ Corporation
_____ Partnership
_____ Individual

Enclosed: Bid Security

NON-DISCRIMINATION REQUIREMENT

Contractor certifies that the Contractor has not discriminated against minorities, women or emerging small business enterprises in obtaining any required subcontracts.

The Contractor agrees not to discriminate against any client, employee, or applicant for employment or for services, because of race, color, religion, sex, national origin, physical or mental handicap, sexual orientation or age, unless based upon bona fide occupational qualifications, and that they are otherwise in compliance with all federal, state and local laws prohibiting discrimination, with regard to, but not limited to, the following: Employment upgrading, demotion or transfer; Recruitment or recruitment advertising; Layoffs or termination; Rates of pay or other forms of compensation; Selection for training; Rendition of services. It is further understood that any vendor who is in violation of this clause shall be barred forthwith from receiving awards of any purchase order from the School District, unless a satisfactory showing is made that discriminatory practices have terminated and that a recurrence of such acts is unlikely.

FIRM NAME: _____

ADDRESS: _____

TELEPHONE: _____

BY: _____
(Company or Firm Officer)

BY: _____
(Type or Print Name)

NON-COLLUSION AFFIDAVIT

STATE OF _____)

County of _____)

I state that I am _____ of _____
(Title) (Name of Firm)

and that I am authorized to make this affidavit on behalf of my firm, and its owners, directors, and officers. I am the person responsible in my firm for the price(s) and the amount of this bid.

I state that:

(1) The price(s) and amount of this bid have been arrived at independently and without consultation, communication or agreement with any other contractor, bidder or potential bidder, except as disclosed on the attached appendix.

(2) That neither the price(s) nor the amount of this bid, and neither the approximate price(s) nor approximate amount of this bid, have been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before bid opening.

(3) No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or noncompetitive bid or other form of complementary bid.

(4) The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or noncompetitive bid.

(5) _____, its affiliates, subsidiaries, officers, directors and
(Name of my Firm)
employees are not currently under investigation by any governmental agency and have not in the last four years been convicted of or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as described on the attached appendix.

I state that _____ understands and acknowledges that the above representations
(Name of my Firm)
are material and important, and will be relied on by School District 4J in awarding the contract(s) for which this bid is submitted. I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from School District 4J of the true facts relating to the submission of bids for this contract.

(Authorized Signature)

Sworn to and subscribed before me this _____ day of _____, 2020

(Notary Public for Oregon)

My Commission Expires: _____

END OF BID FORM

DOCUMENT 00 45 22
FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM

PROJECT: Multisite Painting 2020
CIP Number 260.XXX.724

TO: Diana McElhinney, Facilities Management Assistant
Eugene School District 4J
715 West Fourth Avenue
Eugene, Oregon 97402

BID SUBMISSION DEADLINE: Date: April 16, 2020 Time: All Base Bids; 2:00 pm

SUBMITTAL REQUIREMENTS

Subcontractor disclosure is required on all public improvement contracts greater than \$100,000.

This form must be submitted at the location specified in the Invitation to Bid on the advertised bid closing date and within two working hours after the advertised bid closing time.

List below the name of each subcontractor that will be furnishing labor or labor and materials, and that is required to be disclosed, the category of work that the subcontractor will be performing, and the dollar value of the subcontract. Enter "NONE" if there are no subcontractors that need to be disclosed. (ATTACH ADDITIONAL SHEETS IF NEEDED.)

SUBCONTRACTOR	DOLLAR VALUE	CATEGORY OF WORK
_____	_____	_____
_____	_____	_____
_____	_____	_____

The above listed first- tier subcontractor(s) are providing labor, or labor and material, with a Dollar Value equal to or greater than:

- a) 5% of the total Contract Price, but at least \$15,000. [If the Dollar Value is less than \$15,000 do not list the subcontractor above.]
- b) \$350,000 regardless of the percentage of the total Contract Price

Failure to submit this form by the disclosure deadline will result in a non-responsive bid. A non-responsive bid will not be considered for award.

Form submitted by (Bidder Name): _____

Contact Name: _____ **Phone:** _____

Signature: _____

END OF DOCUMENT 00 45 22

DOCUMENT 00 52 13
FORM OF AGREEMENT

PART 1 GENERAL

STANDARD FORM

The form of Agreement will be executed on AIA Form A 101, Standard Form of Agreement Between Owner and Contractor, 2017 edition, a copy of which is included by reference. The document, as edited by the owner, is available for review at <http://www.4j.lane.edu/bids/>.

END OF DOCUMENT 00 52 13

DOCUMENT 00 72 13
GENERAL CONDITIONS

PART 1 GENERAL

STANDARD FORM

"General Conditions of the Contract for Construction" AIA Document A-201, 2017 edition, are part of the specification by reference.

The document, as edited by the owner, is available for review at <http://www.4j.lane.edu/bids/>.

CONFLICTS

In the case of conflicts between the "General Conditions" and these Specifications, the Specifications govern.

END OF DOCUMENT 00 72 13

DOCUMENT 00 73 43

PREVAILING WAGE RATES

PART 1 GENERAL

The Prevailing Wage Rates" dated January 1, 2020, including any subsequent corrections or amendments issued by the Oregon Bureau of Labor and Industries, are included as a portion of the Contract Documents by reference. Copies are available for review at the office of Facilities Management, School District 4J, and can be viewed on line at www.boli.state.or.us. Click on Prevailing Wages, then PWR Rate Publications, and then Prevailing Wage Rates for Public Works Contracts in Oregon (subject only to state law).

END OF DOCUMENT 00 73 43

**SECTION 01 11 00
SUMMARY OF WORK**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

Multisite Painting 2020
Eugene School District 4J
CIP Number 260.XXX.724

Base Bid 1: Madison Middle School, 875 Wilkes Drive and Cal Young Middle School, 2555 Gilham Road
Base Bid 2: Kelly Middle School, 850 Howard Avenue and Sheldon High School, 2455 Willakenzie Road
Base Bid 3: Edgewood Elementary School, 577 E. 46th Ave.
Base Bid 4: Cost if all 3 base bids are awarded to a single firm.

- A. Briefly the work is described as: Preparing and painting the entire exterior, along with application of water repellant at brick and masonry surfaces where these materials occur. The scope also includes repainting any other element on-site that was previously painted.
- B. Architect Identification: The Contract Documents, dated April 7, 2020, were prepared for Project by Michael Heffernan AIA, 715 W. 4th Ave. Eugene, Oregon 97402
- C. Owners Representative: Michael Heffernan AIA, District Architect

1.3 CONTRACT

- A. Project will be constructed under a general construction contract.
Multisite Painting 2020 Eugene School District 4J, CIP No. 260.XXX.724
- B. Do not commence Work until after execution of Agreement and receipt of Notice-to-Proceed from Owner.
- C. Work may commence at the project sites on **June 22, 2020**, once the Contract is in place.
- D. Perform work in order to achieve Substantial Completion by: **Monday, August 17, 2020**.
- E. Achieve Final Completion within seven (7) days following the date of Substantial Completion.

1.4 USE OF PREMISES

- A. Work Area Access: Buildings may be occupied during work. Access to the work area will be available on a week-day basis from approximately 7:00 am to 4:00 pm, with an exception as listed below. Coordinate all other work hour schedules with Owner so as not to interfere with Owner's use of the building.
- B. Limit use of the premises to construction activities in areas indicated; allow for Owner occupancy and use by the public, subject to approval by a District Safety Specialist.
- C. Site Access: Maintain drives and building entrances and exits clear and protected at all times to

Owner's, employees, and public access and for use by emergency personnel. Do not use these areas for parking or storage. Schedule deliveries to minimize space and time requirements for storage of materials at site.

- D. Parking: Contractor may use existing parking areas.
- E. Contractor Staging Areas: Limit staging to areas adjacent to work. Verify locations of staging areas with Owner.
- F. Construction Operations: Limited to areas adjacent to work.

1.5 WORK UNDER SEPERATE CONTRACTS

- A. Separate Contract: Owner may have awarded separate contracts for performance of certain construction operations at Project site. Those operations will be conducted simultaneously with work under this Contract.
 - 1. Roofing work at Sheldon High School.
 - 2. Varied Construction projects at Kelly MS.
- B. Cooperate fully with separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying work under this Contract.

1.6 FUTURE WORK

- 1. None Listed.

1.7 PRODUCTS ORDERED IN ADVANCE

- 1. None Listed

1.8 OWNER-FURNISHED PRODUCTS

- 1. None Listed

1.9 MISCELLANEOUS PROVISIONS

- A. BACKGROUND CHECK – Complete the Following Steps 1 through 3
 - 1. **Payment of ODE Fee:** To complete the requirements of the Oregon Department of Education (ODE), the Contractor must go to the District Financial Services located at the Education Center building, at 200 North Monroe, Eugene, OR 97402. Upon entering the front entrance, Financial Services is the first office on the right. The ODE processing fee for the background check is \$59.00. The individual will be required to indicate name, the name of the company they represent, contact phone #, and contact email. The \$59.00 payment is required at that time.
 - 2. **Lane County School District 4J Background Check:** To complete the Lane County School District 4J background check please follow the step below.
 - a. Visit: <https://www.helpcounterweb.com/welcome/apply.php?district=eugene> Enter the requested information.
 - 3. **Independent Contractor Federal Fingerprint and Background Check Process through FieldPrint:** To complete the federal background check please follow the below steps. If you have any questions please contact the Human Resources office at 541-790-7660.
 - a. Visit: FieldprintOregon.com
 - b. Click on the "Schedule an Appointment" button.
 - c. Enter an email address under "New Users/Sign Up" and click the "Sign Up" button. Follow the instructions for creating a Password and Security Question and then click "Sign Up and Continue".
 - d. Enter the Eugene School District Fieldprint Code – **FPEugeneSD4J**

- e. Enter the contact and demographic information required by the FBI and schedule a fingerprint appointment at the location of your choosing.
- f. During this process you will need the 4J "Institution ID #" which is **2082**.
- g. At the end of the process, print the Confirmation Page. Take the Confirmation Page with you to your fingerprint appointment, along with two forms of identification.
- h. A registration fee of \$12.50 will be due to Fieldprint during the scheduling of an appointment.
- i. If you have any questions or problems, you may contact the Fieldprint customer service team at 877-614-4364 or customerservice@fieldprint.com .

B. DRUG AND ALCOHOL POLICY

1. The possession, use, or distribution of illicit drugs and alcohol on school premises is prohibited. Prescription medications brought to the project site shall be in the original container bearing the name of the drug, the name of the physician and the prescribed dosage.

C. NO SMOKING POLICY

1. Smoking and the other use of tobacco products is prohibited on all school district property pursuant to OAR 581-021-0110.

D. SAFETY REQUIREMENTS

1. Safety must not be sacrificed for the sake of productivity or expedience. Safety of students, staff, and the public is critical. Take all reasonable precautions to prevent endangerment or injury. Advise and coordinate operations with the school office.
2. All contractors who perform work on District property, and their employees, are expected to know the District's expectations for safe work and to adhere to those expectations.
3. Contractors are to adhere to the regulations of Oregon OSHA for all projects within the School District.
4. Adhere to safety requirements for Lead Containing materials as described in Section 09 90 00.

E. GENERAL SAFE WORK PRACTICES

1. Students, public and school staff shall not be put at risk by the activities of contractors or their employees.
2. Safe vehicle operation rules are to be followed at all times. These include positioning vehicles to minimize the necessity of backing and providing a "spotter", someone who will make sure that people do not run into the path of a vehicle when driving on a playground or field that is occupied by students.
3. Tools shall never be left out when an unsecured work area is vacated.
4. Ladders and scaffolding will be taken down when an unsecured work area is vacated.
5. Open holes and other tripping hazards shall be fenced or barricaded when an unsecured work area is vacated.
6. Operations resulting in vapors, emissions or flying objects shall be conducted in such a way as to prevent exposure to any unprotected parties or property.
7. "Secured Work Area" is defined as an area having a perimeter cyclone fence at least 6 feet in height, with gates which close and lock so that no casual entrance is possible by unauthorized adults or children.
8. Contractor to follow all OR-OSHA rules for Confined Spaces, where applicable.

F. COMMUNICATIONS REGARDING UNSAFE PRACTICES

1. Upon perceiving a problem, the District will immediately communicate the concern to the Contractor or Contractor's representative on the work site.

2. If agreement on correction of unsafe conditions cannot be reached, the concerns of the District shall prevail and safety concerns shall be addressed in accordance with the District requirements.

G. ELECTRICAL PANELS - LOCKOUT/TAGOUT

1. Contractor shall implement a Lockout/Tag-out program for his employees who take equipment out of service or place equipment back into service. Contractor shall review the District's Energy Control Program prior to commencing work. Rules applying to this procedure are Oregon Occupational Safety and Health Code OAR 437, Division 2, Subdivision J, General Environmental Controls Lockout/Tag-out (1919.147), or latest edition.

H. ARC FLASH – ELECTRICAL SAFETY

1. Contractor shall comply with NFPA 70E (Electrical Safety in the Workplace), current edition. Contractor shall comply with Oregon OSHA 1910.137 (Personal Protective Equipment). The Contractor shall review with the School District Project Manager the 'Eugene School District Electrical Safety Program' before any work commences. The Contractor shall comply with all 'Arc Flash' and 'Electrical Safety' protocols referenced in any and all NFPA, OSHA, OROSHA, NEC, NESC, UL, IBC, IFC and ANSI documents (current editions).

I. POTENTIALLY HAZARDOUS PRODUCTS

1. The District attempts to maintain a safe and healthy environment for students and staff. The Contractor is therefore required to follow District guidelines controlling the use of potentially hazardous products and to use these products in a safe manner. Guidelines include the use of materials (adhesives, coatings, carpeting, etc.) which are known to emit little or no airborne pollutants.
2. Submit MSDS information for all potentially hazardous products. The Project Manager and a District Safety Specialist will review these and determine what, if any, mitigation procedures will be required.
3. Contractor is to maintain and post copies of all MSDS information at the project site and adhere to the required controls.
4. Contractor is to ensure that work area by students and teachers is restricted. The District will provide signage appropriate for this purpose. The Contractor is to construct and maintain appropriate barriers. This shall include provision of physical separation barriers between "construction" and "occupied" spaces.
5. Contractor to adopt means of maintaining the construction space in negative air pressure in relation to occupied spaces.
6. Where there is a new or existing ventilation system in an affected space, the system shall be adjusted to provide the maximum amount of outside air possible with the system.
7. Efforts shall be made to install and operate new ventilation systems as soon in the construction process as practical.

J. ASBESTOS CONTAINING MATERIALS WARNING

1. Asbestos containing materials are known to exist in areas of the Work. The Contractor shall not, in any way, disturb materials which are known to contain asbestos, assumed to contain asbestos, or otherwise have not been tested and confirmed to be asbestos free.
2. Where access to concealed spaces is required, or it is necessary to disturb building materials such as for drilling of holes, cutting, etc., notify the Owner so that proper investigation and/or removal procedures are followed.
3. Prior to commencing Work, the Contractor shall meet with the District Safety Specialist and review the Owner's Asbestos Management Plan for the locations of asbestos-containing materials and/or materials assumed to contain asbestos. After reviewing the Owner's

Asbestos Management Plan, the Contractor is required to sign Form 01 11 00A, Asbestos-containing Materials Notification Statement, provided at the end of this Section.

4. Contractor must not install any asbestos-containing materials when performing the Work of this project. At the completion of the Work, Contractor will be required to furnish a statement stating that no asbestos-containing materials were installed during the course of the Work. Refer to Sample Form 01 11 00B at the end of this Section.

1.10 ALTERNATES:

1. No alternates at this time.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

PART 4 - SCHEDULE OF PRODUCTS ORDERED IN ADVANCE - none listed

PART 5 - ASBESTOS FORMS 01 11 00A & 01 11 00B

Form 01 11 00A

**ASBESTOS-CONTAINING MATERIALS NOTIFICATION STATEMENT
FOR CONTRACTORS**

This form must be completed and signed by the Contractor prior to beginning work in any Eugene School District 4J building.

The presence of known and assumed asbestos containing materials is documented in the AHERA Management Plan for each building. Copies of the AHERA Management Plan are available in the main office of each building and in the Facilities Management Office at 715 West Fourth Avenue, Eugene, Oregon. The District Asbestos Specialist must be informed of the Contractor's activities in each building prior to the start of work so that the Contractor can be informed on how to use the AHERA Management Plan and to determine if any asbestos-containing materials are likely to be impacted by the work of the Contractor.

The Contractor is responsible for notifying all employees and subcontractors of the presence of asbestos in the building. The Contractor shall not disturb known or assumed asbestos-containing materials. If the Contractor discovers suspected asbestos-containing materials that have not been identified, the Contractor must stop any work impacting the suspected materials and notify the District Asbestos Specialist so that the material can be sampled. Any asbestos-containing materials that must be removed to allow the Contractor to complete the Contractor's work will be removed by the District under separate contract. If the Contractor disturbs asbestos-containing materials, the Contractor will be responsible for the cost of the cleanup and decontamination.

I _____, Representing _____,
(Print Name of Representative) (Business Name)

have been notified of the location of the AHERA Management Plan and agree to avoid impacting all known or assumed asbestos-containing materials in the performance of the Work.

Signature of Representative

Date

Work Site

CIP #

Form 01 11 00B

The Environmental Protection Agency (AHERA) rules require the School District obtain a signed statement from the Site Superintendent that, to the best of his/her knowledge, no asbestos-containing building materials were installed during the Work. Therefore, the following statement must be submitted on the Contractors letterhead prior to Project Closeout.

SAMPLE FORM

(To be submitted on the Contractor's letterhead)

ASBESTOS-CONTAINING MATERIALS STATEMENT

EUGENE SCHOOL DISTRICT 4J

(Name of Project and CIP Number)

We the undersigned, (Name of Company), hereby warrant that to the best of our knowledge all materials furnished for the above referenced project contain 0% asbestos.

(Name of Construction Company)

(Signature and Date)

(Printed Name)

(Job Title)

END OF SECTION 01 11 00

SECTION 01 23 00

ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed, the time to complete, or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

- 1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

- 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.

- C. Execute accepted alternates under the same conditions as other work of the Contract.

- D. Schedule: A Schedule of Alternates is included at the end of this Section.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. **No Alternates Scheduled**

END OF SECTION 01 23 00

SECTION 01 25 00
CONTRACT MODIFICATION PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements for handling and processing Contract modifications.
- B. Related Sections include the following:
 - 1. Division 0 Document 00 52 13 "Agreement" for monetary values of established Unit Prices and Alternates.
 - 2. Division 0 Document 00 72 13 "General Conditions" for additional requirements for Changes in the Work, Contract Sum, and Contract Time.
 - 3. Division 1 Section 00 73 00 "Supplementary Conditions" for allowable percentages for Contractors' Overhead and Profit.
 - 4. Division 1 Section 01 33 00 "Submittal Procedures" for Schedule of Values requirements.
 - 5. Division 1 Section 01 60 00 "Product Requirements" for administrative procedures for handling requests for substitutions made after Contract award.

1.3 MINOR CHANGES IN THE WORK

- A. Architect, with the concurrence of the Owner, will issue supplemental instructions authorizing Minor Changes in the Work, not involving adjustment to the Contract Sum or the Contract Time.

1.4 CHANGE REQUEST/PROCEED ORDER (CONSTRUCTION CHANGE DIRECTIVE)

- A. Architect or Owner may issue a Change Request/Proceed Order on form included at end of Part 3.
 - 1. Change Request contains a complete description of change in the Work. It also designates method to be followed to determine change in the Contract Sum or the Contract Time.
 - 2. Proceed Order, when signed by the Owner, instructs Contractor to proceed with a change in the Work, for subsequent inclusion in a Change Order.
- B. Documentation: Maintain detailed records on a time and material basis of work required by the Proceed Order.
 - 1. After completion of change, submit an itemized account and supporting data necessary to substantiate cost and time adjustments to the Contract.
- C. Authorization Required: When a Change Request is approved and signed by the Owner, it becomes a Proceed Order authorizing the change requested. Do not proceed with any change without the Owner's signature on the Change Request/Proceed Order.
- D. Owner-Initiated Change Requests: Architect will issue a Change Request, which will include a detailed description of proposed changes in the Work that may require adjustment to the

Contract Sum or the Contract Time. If necessary, the description will include supplemental or revised Drawings and Specifications.

1. Change Requests issued by Architect are for information only. Do not consider them instructions either to stop work in progress or to execute the proposed change.
2. Within time specified in Change Request after receipt of Change Request, submit a quotation estimating cost adjustments to the Contract Sum and the Contract Time necessary to execute the change.
 - a. Include a complete cost breakdown including a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
 - b. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
 - c. Include costs of labor, supervision, overhead, and profit directly attributable to the change.
 - d. Include an updated Contractor's Construction Schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.

E. Contractor-Initiated Requests: If latent or unforeseen conditions require modifications to the Contract, Contractor may propose changes by submitting a request for a change to the Architect.

1. Changes requested by the Contractor will be authorized only by signature of the Owner on the prescribed. Do not proceed with any changes without this authorization.
2. Include a statement outlining reasons for the change and the effect of the change on the Work. Provide a complete description of the proposed change. Indicate the effect of the proposed change on the Contract Sum and the Contract Time.
3. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
4. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
5. Include costs of labor, supervision, overhead, and profit directly attributable to the change.
6. Include an updated Contractor's Construction Schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.
7. Comply with requirements in Division 1 Section 01 60 00 "Product Requirements" if the proposed change requires substitution of one product or system for product or system specified.

F. Change Request Form: Use forms provided by Owner. Sample copies are included at end of Section 3.

1.5 CHANGE ORDER PROCEDURES

A. On Owner's approval of a Change Request, and at intervals to be determined, Architect will collect Change Requests and issue a Change Order for signatures of Owner and Contractor on AIA Document G701.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

CHANGE REQUEST/PROCEED ORDER
1992-2018 Capital Improvement Program
Eugene School District 4J

.....
CHANGE REQUEST NOTICE

Change Request No.: _____
Project No.: _____ Contract No.: _____ Date: _____
Project Title: _____
Contractor: _____

1. REQUEST INFORMATION

Estimated \$ _____ Time _____ Days _____ Initiated by _____
Reason for change: _____

2. DESCRIPTION

Describe changes: _____

Describe affected work: _____
List plan and spec sections: _____
Describe impacted activities: _____
Comment: _____

3. DATES

Need for change first known _____ By whom _____
Contractor first notified _____ How _____
Owner first notified _____
Date approved or rejected _____ By whom _____

4. RECOMMENDATION (cost and time) _____

.....
PROCEED ORDER

PROCEED ORDER NO.: _____ Date: _____

1. PAYMENT/COST

Actual amount of change	\$ _____	The contract time will be:
Contractor amount	\$ _____	() increased () decreased by _____ days
Subcontractor amount	\$ _____	() will remain unchanged
Type of payment (LS/T&M)	_____	

2. MISCELLANEOUS

Subcontractors involved: _____
Major materials: _____
The cost is not to exceed \$ _____ Date: _____

3 CHANGE REQUEST ACCEPTED BY:

Contractor: _____	Date: _____
Architect: _____	Date: _____
4J CIP Project Manager: _____	Date: _____
4J CIP Program Manager: _____	Date: _____
4J Facilities Director: _____	Date: _____

Without the signature of Facilities Director, or the acting Director, this Proceed Order is neither accepted or authorized, except by written authorization of other specific delegation.

END OF SECTION 01250

SECTION 01 29 00
PAYMENT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements necessary to prepare and process Applications for Payment.
- B. Related Sections include the following:
 - 1. Division 1 Section 01 25 00 "Contract Modification Procedures" for administrative procedures for handling changes to the Contract.
 - 2. Division 1 Section 01 32 00 "Construction Progress Documentation" for administrative requirements governing preparation and submittal of Contractor's Construction Schedule and Submittals Schedule.
 - 3. Division 1 Section 01 77 00 "Closeout Procedures" for coordinating Contract closeout.

1.3 DEFINITIONS

- A. Schedule of Values: A statement furnished by Contractor allocating portions of the Contract Sum to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.

1.4 SCHEDULE OF VALUES

- A. Coordination: Coordinate preparation of the Schedule of Values with preparation of Contractor's Construction Schedule.
 - 1. Correlate line items in the Schedule of Values with other required administrative forms and schedules, including the following:
 - a. Application for Payment forms with Continuation Sheets.
 - b. Submittals Schedule.
 - c. Contractor's Construction Schedule.
 - 2. Submit the Schedule of Values to Architect and Owner at earliest possible date but no later than seven days before the date scheduled for submittal of initial Application for Payment.
- B. Format and Content: Use the Project Manual table of contents as a guide to establish line items for the Schedule of Values. Provide at least one line item for each Specification Section.
 - 1. Identification: Include the following Project identification on the Schedule of Values:
 - a. Project name and location.
 - b. Name of Architect.

- c. Architect's project number.
 - d. Contractor's name and address.
 - e. Date of submittal.
2. Submit draft of AIA Document G703 Continuation Sheets.
 3. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation of Applications for Payment and progress reports. Coordinate with the Project Manual table of contents. Provide several line items for principal subcontract amounts, where appropriate.
 4. Round amounts to nearest whole dollar; total shall equal the Contract Sum.
 5. Provide a separate line item in the Schedule of Values for each part of the Work where Applications for Payment may include materials or equipment purchased or fabricated and stored, but not yet installed.
 - a. Differentiate between items stored on-site and items stored off-site. If specified, include evidence of insurance or bonded warehousing.
 6. Provide separate line items in the Schedule of Values for initial cost of materials, for each subsequent stage of completion, and for total installed value of that part of the Work.
 7. Allowances: Provide a separate line item in the Schedule of Values for each allowance. Show line-item value of unit-cost allowances, as a product of the unit cost, multiplied by measured quantity. Use information indicated in the Contract Documents to determine quantities.
 8. Each item in the Schedule of Values and Applications for Payment shall be complete. Include total cost and proportionate share of general overhead and profit for each item.
 - a. Temporary facilities and other major cost items that are not direct cost of actual work-in-place may be shown either as separate line items in the Schedule of Values or distributed as general overhead expense, at Contractor's option.
 9. Schedule Updating: Update and resubmit the Schedule of Values before the next Applications for Payment when Change Orders or Construction Change Directives result in a change in the Contract Sum.

1.5 APPLICATIONS FOR PAYMENT

- A. Each Application for Payment shall be consistent with previous applications and payments as certified by Architect and paid for by Owner.
 1. Initial Application for Payment, Application for Payment at time of Substantial Completion, and final Application for Payment involve additional requirements.
- B. Payment Application Forms: Use AIA Document G702 and AIA Document G703 Continuation Sheets as form for Applications for Payment.
- C. Application Preparation: Complete every entry on form. Notarize and execute by a person authorized to sign legal documents on behalf of Contractor. Architect will return incomplete applications without action.
 1. Entries shall match data on the Schedule of Values and Contractor's Construction Schedule. Use updated schedules if revisions were made.
 2. Include amounts of Change Orders issued before last day of construction period covered by application.

3. Transmittal: Submit 3 signed and notarized original copies of each Application for Payment to Architect by a method ensuring receipt within 24 hours.
- D. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of first Application for Payment include the following:
1. List of subcontractors.
 2. Schedule of Values (draft submitted previously).
 3. Contractor's Construction Schedule (preliminary if not final).
 4. Products list.
 5. Schedule of unit prices.
 6. Submittals Schedule (based Architect's list or required submittals).
 7. List of Contractor's staff assignments.
 8. Initial progress report.
 9. Report of preconstruction conference.
- E. Application for Payment at Substantial Completion: After Architect issues the Certificate of Substantial Completion, submit an Application for Payment showing 100 percent completion for portion of the Work claimed as substantially complete.
1. Include documentation supporting claim that the Work is substantially complete and a statement showing an accounting of changes to the Contract Sum.
 2. This application shall reflect Certificates of Partial Substantial Completion issued previously for Owner occupancy of designated portions of the Work.
- F. Final Payment Application: Submit final Application for Payment with releases and supporting documentation not previously submitted and accepted, including, but not limited, to the following:
1. Evidence of completion of Project closeout requirements (See itemized list in Section 01 77 00 "Closeout Procedures").
 2. Updated final statement, accounting for final changes to the Contract Sum.
 3. AIA Document G706, "Contractor's Affidavit of Payment of Debts and Claims."
 4. AIA Document G706A, "Contractor's Affidavit of Release of Liens."
 5. AIA Document G707, "Consent of Surety to Final Payment."
 6. Evidence that claims have been settled.
 7. Final, liquidated damages settlement statement.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 10 29 00

SECTION 01 31 00
PROJECT MANAGEMENT AND COORDINATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative provisions for coordinating construction operations on Project including, but not limited to, the following:
 - 1. Administrative and supervisory personnel.
 - 2. Project meetings.
- B. Related Sections include the following:
 - 1. Division 1 Section 01 32 00 "Construction Progress Documentation" for preparing and submitting Contractor's Construction Schedule.
 - 2. Division 1 Section 01 73 00 "Execution Requirements" for procedures for coordinating general installation and field-engineering services, including establishment of benchmarks and control points.
 - 3. Division 1 Section 01 77 00 "Closeout Procedures" for coordinating Contract closeout.

1.3 COORDINATION

- A. Coordination: Coordinate construction operations included in different Sections of the Specifications to ensure efficient and orderly installation of each part of the Work. Coordinate construction operations, included in different Sections, that depend on each other for proper installation, connection, and operation.
 - 1. Schedule construction operations in sequence required to obtain the best results where installation of one part of the Work depends on installation of other components, before or after its own installation.
 - 2. Coordinate installation of different components with other contractors to ensure maximum accessibility for required maintenance, service, and repair.
 - 3. Make adequate provisions to accommodate items scheduled for later installation.
 - 4. Where availability of space is limited, coordinate installation of different components to ensure maximum performance and accessibility for required maintenance, service, and repair of all components, including mechanical and electrical.
- B. Prepare memoranda for distribution to each party involved, outlining special procedures required for coordination. Include such items as required notices, reports, and list of attendees at meetings.
 - 1. Prepare similar memoranda for Owner and separate contractors if coordination of their Work is required.
- C. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures with other construction activities and activities of other contractors to avoid conflicts and to ensure orderly progress of the Work. Such administrative activities include, but are not limited to, the following:

1. Preparation of Contractor's Construction Schedule. R5oe4454
2. Preparation of the Schedule of Values.
3. Installation and removal of temporary facilities and controls.
4. Delivery and processing of submittals.
5. Progress meetings.
6. Preinstallation conferences.
7. Project closeout activities.
8. Startup and adjustment of systems.
9. Project closeout activities.

D. Conservation: Coordinate construction activities to ensure that operations are carried out with consideration given to conservation of energy, water, and materials.

1. Salvage materials and equipment involved in performance of, but not actually incorporated into, the Work. Refer to other Sections for disposition of salvaged materials that are designated as Owner's property.

1.4 SUBMITTALS

A. Key Personnel Names: Within 15 days of Notice-to-Proceed, submit a list of key personnel assignments, including superintendent and other personnel in attendance at Project site. Identify individuals and their duties and responsibilities; list addresses and telephone numbers, including pager, cell, and office telephone numbers. Provide names, addresses, and telephone numbers of individuals assigned as standbys in the absence of individuals assigned to Project.

1.5 PROJECT MEETINGS

A. General: Schedule and conduct meetings and conferences at Project site, unless otherwise indicated.

1. Attendees: Inform participants and others involved, and individuals whose presence is required, of date and time of each meeting. Schedule meeting dates and times with Owner and Architect.
2. Agenda: Prepare the meeting agenda. Distribute the agenda to all invited attendees.
3. Minutes: Architect will record significant discussions and agreements achieved. Distribute the meeting minutes to everyone concerned, within three days of receiving them from the Architect.

B. PRECONSTRUCTION CONFERENCE: Owner's Project Manager will schedule a preconstruction conference before starting construction, no later than 15 days after execution of the Agreement. Hold the conference at Project site or another convenient location. Conduct the meeting to review responsibilities and personnel assignments.

1. Attendees: Owner's Project Manager, Architect, and their consultants, as required; Contractor and its superintendent; major subcontractors; suppliers; and other concerned parties shall attend the conference. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
2. Agenda: Discuss items of significance that could affect progress, including the following.
3. Minutes: Architect will record and distribute meeting minutes.
4. Statements made by the Contracting Agency's representative at the pre-construction conference are not binding upon the Contracting Agency unless confirmed by Written Addendum.

PRECONSTRUCTION CONFERENCE AGENDA

Eugene School District 4J

Multisite Painting 2018

Date: _____

AGENDA

1. () Introduction of Persons Present
 - () District 4J
 - () Consultants
 - () Contractor (including job foreman)
 - () Subcontractors
2. () Availability of Contract Documents
3. ~~() Building Permit Status~~
 - ~~() Plan check and Building Permit paid by District~~
 - ~~() Pick up Permit at City of Eugene by Contractor~~
 - ~~() Location of site stored approved contract documents~~
 - ~~() Utility permits~~
 - ~~() LRAPA Permit~~
4. () Prevailing Wage Requirements
 - () Submittal schedule
 - () Conformance with requirements
5. () Communications
 - () Notification of problems
6. () Role of District's representative
 - () Limits of authority
 - () Visitation schedules
7. () Work Description and Schedule
 - () General work description
 - () Proposed start date: **JUNE 22, 2020**
 - () Proposed completion date: **AUG. 17, 2020**
 - () Proposed project schedule and phasing
 - () Progress schedule updates
 - () Methods to be employed to maintain schedule
 - () Work requiring Shop Drawings or submittals shall not commence until review is complete.
8. () Submittals Required per Contract Documents
 - () MSDS Information
 - ~~() Written proof of Asbestos Worker Certification~~
 - ~~() Name, Experience and Qualifications of Asbestos Supervisor~~
 - ~~() Copy of Contractor's Asbestos Abatement License~~
 - ~~() Other information as required by Section 01 31 00.~~
 - () Schedule of values
 - () List of subcontractors including name of contact person, telephone number, and address
9. () Construction
 - () Working hours
 - () Use of premises/set up locations
 - () Protection of existing facilities
 - () Traffic and protection
 - () Excavation and clean-up
 - () Weather restrictions
 - () Deviation from details and/or specifications
10. () Correction of Defects
 - () Daily and/or as observed

- 11. () Weekly On-Site Progress Meetings
 - () Establish day and time: Day _____ Time _____
 - () Provide updated project schedules
 - () Discuss project progress, problems, etc.
 - () Review applications for payment
 - () Required attendance
 - () Observation report distribution

- 12. () Change Order Requests and Change Order Procedures
 - () Written Change Order requests required
 - () Supporting back-up will be required for all Change Orders
 - () Mark-up limitations on Change Orders
 - () Contractor - 15 percent
 - () Subcontractors - 10 percent
 - () Progressive requests and Change Orders
 - () Processing time required

- 13. () Applications for Payment
 - () Use AIA documents G702 and G703 latest edition
 - () Provide 5 signed and notarized copies
 - () Wage certifications to be attached

- 14. () Safety and Emergency Procedures

- 15. () Clean-up Daily
 - () Project completion

- 16. () Project Closeout
 - () Inspections for
 - ~~() Air Clearance~~
 - ~~() AHERA Close Out Requirements~~
 - () Substantial completion
 - () Contractor provided list of items to be completed
 - () Inspection with job foreman
 - () Final Acceptance
 - () Written notice from Contractor that all work is done and ready for inspection
 - () Inspection with job foreman
 - () Responsibility for cost of additional inspections
 - () Submittals for Closeout
 - () Final application for payment
 - () Final set of wage certifications
 - () Release of liens from all Subcontractors and general Contractor

- 17. () Tour of Project Sites to Examine and Document Existing Conditions
- 18. () Additional Comments

The undersigned acknowledges that the items listed above were discussed during this preconstruction conference and are fully understood.

Date: _____

A/E Firm: _____

Contractor: _____

Subcontractors: _____

- C. **PROGRESS MEETINGS:** Conduct progress meetings at weekly intervals. Coordinate dates of meetings with preparation of payment requests.
1. Attendees: In addition to the Owner's Project Manager and Architect, each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
 2. Agenda: Review and correct or approve minutes of previous progress meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.
 - a. Contractor's Construction Schedule: Review progress since the last meeting. Determine whether each activity is on time, ahead of schedule, or behind schedule, in relation to Contractor's Construction Schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
 - b. Review present and future needs of each entity present, including the following:
 - 1) Interface requirements.
 - 2) Sequence of operations.
 - 3) Status of submittals.
 - 4) Deliveries.
 - 5) Off-site fabrication.
 - 6) Access.
 - 7) Site utilization.
 - 8) Temporary facilities and controls.
 - 9) Work hours.
 - 10) Hazards and risks.
 - 11) Progress cleaning.
 - 12) Quality and work standards.
 - 13) Status of correction of deficient items.
 - 14) Field observations.
 - 15) Requests for interpretations (RFIs).
 - 16) Status of proposal requests.
 - 17) Pending changes.
 - 18) Status of Change Orders.
 - 19) Pending claims and disputes.
 - 20) Documentation of information for payment requests.
 3. Minutes: Architect will record and distribute to Contractor the meeting minutes.
 4. Reporting: Distribute minutes of the meeting to each party present and to parties who should have been present.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01 31 00

SECTION 01 32 00
CONSTRUCTION PROGRESS DOCUMENTATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for documenting the progress of construction during performance of the Work, including the following:

- 1. Preliminary Construction Schedule.
- 2. Contractor's Construction Schedule.
- 3. Submittals Schedule.

- B. Related Sections include the following:

- 1. Division 1 Section 01 29 00 "Payment Procedures" for submitting the Schedule of Values.
- 2. Division 1 Section 01 31 00 "Project Management and Coordination" for submitting and distributing meeting and conference minutes.
- 3. Division 1 Section 01 33 00 "Submittal Procedures" for submitting schedules and reports.
- 4. Division 1 Section 01 40 00 "Quality Requirements" for submitting a schedule of tests and inspections.

1.3 SUBMITTALS

- A. Submittals Schedule: Submit three copies of schedule. Arrange the following information in a tabular format.

- 1. Scheduled date for first submittal.
- 2. Specification Section number and title.
- 3. Submittal category (action or informational).
- 4. Name of subcontractor.
- 5. Description of the Work covered.
- 6. Scheduled date for Architect's final release or approval.

- B. Contractor's Construction Schedule: Submit two opaque copies of initial schedule, large enough to show entire schedule for entire construction period.

1.4 COORDINATION

- A. Coordinate preparation and processing of schedules and reports with performance of construction activities and with scheduling and reporting of separate contractors.
- B. Coordinate Contractor's Construction Schedule with the Schedule of Values, list of subcontracts, Submittals Schedule, progress reports, payment requests, and other required schedules and reports.

- 1. Secure time commitments for performing critical elements of the Work from parties involved.

2. Coordinate each construction activity in the network with other activities and schedule them in proper sequence.

PART 2 - PRODUCTS

2.1 SUBMITTALS SCHEDULE

- A. Preparation: Submit a schedule of submittals, arranged in chronological order by dates required by construction schedule. Include time required for review, resubmittal, ordering, manufacturing, fabrication, and delivery when establishing dates.
 1. Coordinate Submittals Schedule with list of subcontracts, the Schedule of Values, and Contractor's Construction Schedule.
 2. Initial Submittal: List those required to maintain orderly progress of the Work and those required early because of long lead time for manufacture or fabrication.
 3. Final Submittal: Submit concurrently with the first complete submittal of Contractor's Construction Schedule.

2.2 CONTRACTOR'S CONSTRUCTION SCHEDULE, GENERAL

- A. Time Frame: Extend schedule from date established for the Notice to Proceed to date of Final Completion.
- B. Activities: Treat each floor or separate area as a separately numbered activity for each principal element of the Work
- C. Constraints: Include constraints and work restrictions indicated in the Contract Documents and as follows in schedule, and show how the sequence of the Work is affected.
- D. Products Ordered in Advance: Include a separate activity for each product. Include delivery date indicated in Division 1 Section 01 11 00 "Summary of Work." Delivery dates indicated stipulate the earliest possible delivery date.
- E. Owner-Furnished Products: Include a separate activity for each product. Include delivery date indicated in Division 1 Section 01 11 00 "Summary of Work." Delivery dates indicated stipulate the earliest possible delivery date.
- F. Milestones: Include milestones indicated in the Contract Documents in schedule, including, but not limited to, the Notice to Proceed, Substantial Completion, and Final Completion.
- G. Cost Correlation: At the head of schedule, provide a cost correlation line, indicating planned and actual costs. On the line, show dollar volume of the Work performed as of dates used for preparation of payment requests.

2.3 CONTRACTOR'S CONSTRUCTION SCHEDULE

- A. Bar-Chart Schedule: Submit as a horizontal bar-chart-type construction schedule within 10 days after the Notice to Proceed.
 1. Preparation: Indicate each significant construction activity separately. Identify first workday of each week with a continuous vertical line.
 2. Time Frame: Extend schedule from date established for the Notice to Proceed to date of Final Completion.
 3. Activities: Treat each school as a separately numbered activity for each principal element of the Work.

PART 3 - EXECUTION

3.1 CONTRACTOR'S CONSTRUCTION SCHEDULE

- A. Contractor's Construction Schedule Updating: At monthly intervals, update schedule to reflect actual construction progress and activities. Issue schedule one week before each regularly scheduled progress meeting.
1. Revise schedule immediately after each meeting or other activity where revisions have been recognized or made. Issue updated schedule concurrently with the report of each such meeting.
 2. Include a report with updated schedule that indicates every change, including, but not limited to, changes in logic, durations, actual starts and finishes, and activity durations.
 3. As the Work progresses, indicate Actual Completion percentage for each activity.
 4. Distribution: Distribute copies of approved schedule to Architect Owner's Project Manager, separate contractors, testing and inspecting agencies, and other parties identified by Contractor with a need-to-know schedule responsibility.

END OF SECTION 01 32 00

SECTION 01 33 00
SUBMITTAL PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for submitting Product Data, Samples, Information Submittals, and other submittals.
- B. Related Sections include the following:
 - 1. Division 1 Section 01 29 00 "Payment Procedures" for submitting Applications for Payment and the Schedule of Values.
 - 2. Division 1 Section 01 31 00 "Project Management and Coordination" for submitting and distributing meeting and conference minutes and for submitting Coordination Drawings.
 - 3. Division 1 Section 01 32 00 "Construction Progress Documentation" for submitting schedules and reports, including Contractor's Construction Schedule and the Submittals Schedule.
 - 4. Division 1 Section 01 40 00 "Quality Requirements" for submitting test and inspection reports and for mockup requirements, if any.
 - 5. Division 1 Section 01 77 00 "Closeout Procedures" for submitting warranties.
 - 6. Divisions 2 through 49 Sections for specific requirements for submittals in those Sections.

1.3 DEFINITIONS

- A. Action Submittals: Written and graphic information that requires Architect's responsive action.
- B. Informational Submittals: Written information that does not require Architect's responsive action. Submittals may be rejected for not complying with requirements.

1.4 SUBMITTAL PROCEDURES

- A. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.
- B. Submittals Schedule: Comply with requirements in Division 1 Section 01 32 00 "Construction Progress Documentation" for list of submittals and time requirements for scheduled performance of related construction activities.
- C. Processing Time: Allow enough time for submittal review, including time for resubmittals, as follows. Time for review shall commence on Architect's receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.

1. Initial Review: Allow 14 calendar days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. Architect will advise Contractor when a submittal being processed must be delayed for coordination.
- D. Resubmittals: Make resubmittals in same form and number of copies as initial submittal.
1. Note date and content of previous submittal.
 2. Note date and content of revision in label or title block and clearly indicate extent of revision.
 3. Resubmit submittals until affixed with appropriate Architect's review stamp.
- E. Distribution: Furnish copies of final submittals to manufacturers, subcontractors, suppliers, fabricators, installers, authorities having jurisdiction, and others as necessary for performance of construction activities. Show distribution on transmittal forms.
- F. Use for Construction: Use only final submittals with mark indicating completeness review taken by Architect.

PART 2 - PRODUCTS

2.1 ACTION SUBMITTALS

- A. General: Prepare and submit Action Submittals required by individual Specification Sections.
- B. Product Data: Collect information into a single submittal for each element of construction and type of product or equipment.
1. Mark each copy of each submittal to show which products and options are applicable.
 2. Include the following information, as applicable:
 - a. Manufacturer's written recommendations.
 - b. Manufacturer's product specifications.
 - c. Manufacturer's installation instructions.
 - d. Standard color charts.
 - e. MSDS information, where applicable.
 3. Submit Product Data before or concurrent with Samples.
 4. Number of Copies: Submit the number required by the Contractor plus four (4) copies of Product Data, unless otherwise indicated. Architect will return two copies to Contractor and one to Owner. Mark up and retain one returned copy as a Project Record Document.
- C. Samples: Submit Samples for review of kind, color, pattern, and texture for a check of these characteristics with other elements and for a comparison of these characteristics between submittal and actual component as delivered and installed.

2.2 INFORMATIONAL SUBMITTALS

- A. General: Prepare and submit Informational Submittals required by other Specification Sections.
- B. Contractor's Construction Schedule: Comply with requirements specified in Division 1 Section 01 32 00 "Construction Progress Documentation."

- C. Qualification Data: Prepare written information that demonstrates capabilities and experience of firm or person. Include lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.
- D. Material Safety Data Sheets (MSDSs): Submit information directly to Owner; do not submit to Architect.

PART 3 - EXECUTION

3.1 CONTRACTOR'S REVIEW

- A. Review each submittal and check for coordination with other Work of the Contract and for compliance with the Contract Documents. Note corrections and field dimensions. Mark with approval stamp before submitting to Architect.
- B. Approval Stamp: Stamp each submittal with a uniform, approval stamp. Include Project name and location, submittal number, Specification Section title and number, name of reviewer, date of Contractor's approval, and statement certifying that submittal has been reviewed, checked, and approved for compliance with the Contract Documents.

3.2 ARCHITECT'S ACTION

- A. General: Architect will not review submittals that do not bear Contractor's approval stamp and will return them without action.
- B. Action Submittals: Architect will review each submittal, make marks to indicate corrections or modifications required, and return it. Architect will stamp each submittal with an action stamp and will mark stamp appropriately to indicate action taken, as follows: "Reviewed = No Comments"; "Reviewed – See Comments"; or "Revise and Resubmit".
- C. Informational Submittals: Architect will review each submittal and will not return it, or will return it if it does not comply with requirements. Architect will forward each submittal to appropriate party.
- D. Partial submittals are not acceptable, will be considered nonresponsive, and will be returned without review.
- E. Submittals not required by the Contract Documents may not be reviewed and may be discarded.

END OF SECTION 01 33 00

SECTION 01 40 00
QUALITY REQUIREMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for Quality assurances, control of installation, tolerances, mockup, and manufacturers' field services and reports.
- B. Related Sections include the following:
 - 1. Division 1 Section 01 29 00 "Payment Procedures" for submitting Applications for Payment and the Schedule of Values.
 - 2. Division 1 Section 01 31 00 "Project Management and Coordination" for submitting and distributing meeting and conference minutes and for submitting Coordination Drawings.
 - 3. Division 1 Section 01 32 00 "Construction Progress Documentation" for submitting schedules and reports, including Contractor's Construction Schedule and the Submittals Schedule.
 - 4. Division 1 Section 01 33 00 "Submittal Procedures" for submission of manufacturers' instructions and certificates.
 - 5. Division 1 Section 01 77 00 "Closeout Procedures" for submitting warranties.
 - 6. Divisions 2 through 49 Sections for specific requirements for submittals in those Sections.

1.3 QUALITY ASSURANCE – CONTROL OF INSTALLATION

- A. Monitor quality control over suppliers, manufacturers, Products, services, site conditions and workmanship, to produce work of specified quality.
- B. Comply with manufacturers' instructions, including each step in sequence.
- C. Should manufacturers' instructions conflict with Contract Documents, request clarification from the Architect before proceeding.
- D. Comply with specified standards as minimum quality for the Work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- E. Perform work by persons qualified to produce workmanship of specified quality.
- F. Secure Products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, or disfigurement.

1.4 TOLARANCES

- A. Monitor Tolerance control of install Products to produce acceptable Work. Do not permit tolerances to accumulate.

- B. Comply with manufacturers' tolerances. Should manufacturers' tolerances conflict with Contract Documents, request clarification from Architect before proceeding.
- C. Adjust Products to appropriate dimensions; position before securing Products in place.

1.5 MOCK-UP

- A. Assemble and erect specified items with specified attachment and anchorage devices, flashings, seals, and finishes.
- B. Accepted mock-ups are representative of the quality required for the Work.
Replace a few wood members as a representative 'MOCK-UP' and have the Architect (or owner's representative) visit the site to review the work in progress for compliance with the construction documents prior to completing too much work.
Work found not to be in compliance, must be replaced until accepted as satisfactory by the owner.

1.6 MANUFACTURERS' FIELD SERVICES AND REPORTS

- A. When specified in individual specification sections, require material or Product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust, and balance of equipment as applicable, and to initiate instructions when necessary.
- B. Submit qualifications of observer to Architect 30 days in advance of required observations. Observer subject to approval of Architect. Notify Architect of time and date of manufacturer's on-site field service 10 days in advance of service.
- C. Report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' or contrary to manufacturers' written instructions.
- D. Submit report in duplicate within 30 days of observation to Architect for information.

PART 2 – PRODUCTS

Not Used

PART 3 – EXECUTION

Not Used

END OF SECTION 01 40 00

SECTION 01 50 00
TEMPORARY FACILITIES AND CONTROL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes requirements for temporary utilities, support facilities, and security and protection facilities.
- B. Related Sections include the following:
 - 1. Division 1 Section 01 11 00 "Summary of Work" for limitations on utility interruptions and other work restrictions.
 - 2. Division 1 Section 01 33 00 "Submittal Procedures" for procedures for submitting copies of implementation and termination schedule and utility reports.
 - 3. Division 1 Section 01 77 00 "Execution Requirements" for progress cleaning requirements.
 - 4. Divisions 2 through 49 Sections for temporary heat, ventilation, and humidity requirements for products in those Sections.

1.3 DEFINITIONS

- A. Permanent Enclosure: As determined by Architect, permanent or temporary roofing is complete, insulated, and weathertight; exterior walls are insulated and weathertight; and all openings are closed with permanent construction or substantial temporary closures.

1.4 USE CHARGES

- A. General: Cost or use charges for temporary facilities shall be included in the Contract Sum. Allow other entities to use temporary services and facilities without cost, including, but not limited to, Owner's construction forces, Architect, testing agencies, and authorities having jurisdiction.

1.5 PROJECT CONDITIONS

- A. Temporary Use of Permanent Facilities: Installer of each permanent service shall assume responsibility for operation, maintenance, and protection of each permanent service during its use as a construction facility before Owner's acceptance, regardless of previously assigned responsibilities.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Portable Chain-Link Fencing: Minimum 2-inch (50-mm), 9-gage, galvanized steel, chain-link fabric fencing; minimum 6 feet (1.8 m) high with galvanized steel pipe posts; minimum 2-3/8-inch- (60-mm-) OD line posts and 2-7/8-inch- (73-mm-) OD corner and pull posts, with 1-5/8-inch- (42-mm-) OD top and bottom rails. Provide concrete bases for supporting posts.
(NOT REQUIRED)

2.2 TEMPORARY FACILITIES

- A. Field Offices, General: Prefabricated or mobile units with serviceable finishes, temperature controls, and foundations adequate for normal loading. (NOT REQUIRED)

2.3 EQUIPMENT

- A. Fire Extinguishers: Portable, UL rated; with class and extinguishing agent as required by locations and classes of fire exposures.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required by progress of the Work.
- B. Provide each facility ready for use when needed to avoid delay. Do not remove until facilities are no longer needed or are replaced by authorized use of completed permanent facilities.

3.2 TEMPORARY UTILITY INSTALLATION

- A. Water Service: Use of Owner's existing water service facilities will be permitted, as long as facilities are cleaned and maintained in a condition acceptable to Owner. At Substantial Completion, restore these facilities to condition existing before initial use.
- B. Sanitary Facilities: Existing designated facilities may be used during construction operations. Maintain daily in clean and sanitary condition.
- C. Heating: Provide temporary heating required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of low temperatures or high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed. (NOT REQUIRED)
- D. Ventilation and Humidity Control: Provide temporary ventilation required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed. Coordinate ventilation requirements to produce ambient condition required and minimize energy consumption. (NOT REQUIRED)
- E. Electric Power Service: Use of Owner's existing electric power service will be permitted, as long as equipment is maintained in a condition acceptable to Owner.
 - 1. Electric Power Service: Use of Owner's existing electric power service will be permitted as long as equipment is maintained in a condition acceptable to Owner.

TEMPORARY FACILITIES AND CONTROLS – SECTION 01 50 00

- F. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations, observations, inspections, and traffic conditions.
 - 1. Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
- G. Telephone Service: Provide temporary telephone service in common-use facilities for use by all construction personnel.
 - 1. List of important telephone numbers to be posted:
 - a. Police and fire departments.
 - b. Ambulance service.
 - c. Contractor's home office.
 - d. Architect's office.
 - e. Engineers' offices.
 - f. Owner's office.
 - 2. Provide superintendent with cellular telephone or portable two-way radio for use when away from field office.

3.3 SUPPORT FACILITIES INSTALLATION

- A. Traffic Controls: Comply with requirements of authorities having jurisdiction.
 - 1. Protect existing site improvements to remain including curbs, pavement, and utilities.
 - 2. Maintain access for fire-fighting equipment and access to fire hydrants.
- B. Parking: Arrange for temporary parking areas for construction personnel.
- C. Waste Disposal Facilities: Provide waste-collection containers in sizes adequate to handle waste from construction operations. Comply with requirements of authorities having jurisdiction. Comply with Division 1 Section 01 77 00 "Execution Requirements" for progress cleaning requirements.

3.4 SECURITY AND PROTECTION FACILITIES INSTALLATION

- A. Environmental Protection: Provide protection, operate temporary facilities, and conduct construction in ways and by methods that comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects.
 - 1. Comply with work restrictions specified in Division 1 Section 01 11 00 "Summary of Work."
- B. Temporary Enclosures: Provide temporary enclosures for protection of construction, in progress and completed, from exposure, foul weather, other construction operations, and similar activities. Provide temporary weathertight enclosure for building exterior.
 - 1. Where heating or cooling is needed and permanent enclosure is not complete, insulate temporary enclosures.
- C. Temporary Partitions: Provide floor-to-ceiling dustproof partitions to limit dust and dirt migration and to separate areas occupied by Owner from fumes and noise. (NOT REQUIRED)
 - 1. Construct dustproof partitions with gypsum wallboard with joints taped on occupied side, and fire-retardant plywood on construction operations side.

TEMPORARY FACILITIES AND CONTROLS – SECTION 01 50 00

2. Insulate partitions to provide noise protection to occupied areas.
 3. Seal joints and perimeter. Equip partitions with dustproof doors and security locks.
 4. Protect air-handling equipment.
 5. Weather strip openings.
 6. Provide walk-off mats at each entrance through temporary partition.
- D. Temporary Fire Protection: Install and maintain temporary fire-protection facilities of types needed to protect against reasonably predictable and controllable fire losses. Comply with NFPA 241.
1. Prohibit smoking in construction areas.
 2. Develop and supervise an overall fire-prevention and -protection program for personnel at Project site. Review needs with local fire department and establish procedures to be followed. Instruct personnel in methods and procedures. Post warnings and information.
 3. Provide fire extinguishers in close proximity to work, and maintain necessary facilities and equipment to safeguard project against fire damage.
- E. Removal of Utilities, Facilities, and Controls:
1. Remove temporary utilities, equipment, facilities, and materials prior to Substantial Completion inspection.
 2. Clean and repair damage caused by installation or use of temporary work.
 3. Restore existing facilities used during construction to original condition. Restore permanent facilities used during construction to original condition.

END OF SECTION 01 50 00

**PRODUCT REQUIREMENTS
SECTION 01 60 00**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for selection of products for use in Project; product delivery, storage, and handling; manufacturers' standard warranties on products; special warranties; product substitutions; and comparable products.
- B. Related Sections include the following:
 - 1. Division 1 Section 01 23 00 "Alternates" for products selected under an alternate.
 - 2. Division 1 Section 01 77 00 "Closeout Procedures" for submitting warranties for Contract closeout.
 - 3. Divisions 2 through 49 Sections for specific requirements for warranties on products and installations specified to be warranted.

1.3 DEFINITIONS

- A. Products: Items purchased for incorporating into the Work, whether purchased for Project or taken from previously purchased stock. The term "product" includes the terms "material," "equipment," "system," and terms of similar intent.
- B. Substitutions: Changes in products, materials, equipment, and methods of construction from those required by the Contract Documents and proposed by Contractor.
- C. Basis-of-Design Product Specification: Where a specific manufacturer's product is named and accompanied by the words "basis of design," including make or model number or other designation, to establish the significant qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics for purposes of evaluating comparable products of other named manufacturers.

1.4 SUBMITTALS

- A. Substitution Requests: Instructions to Bidders specify time restrictions for submitting requests for Substitutions during the bidding period, in compliance with this Section.
- B. After execution of Agreement, the Owner may, at the Owner's option, consider formal requests from the Contractor for substitution of products for those specified. One or more of the following conditions must be documented:
 - 1. Compliance with final interpretation of code requirements or insurance regulations which require that the use of a substituted Product.
 - 2. Unavailability of a specified Product through no fault of the Contractor.
 - 3. Inability of specified Product to perform properly of fit in designated place.
 - 4. Manufacturer's or Fabricator's refusal or inability of certify or guarantee performance of a specified Product in the application intended.

- C. A Substitution Request constitutes a representation that the Bidder/Contractor:
1. Has investigated the proposed Product and determined that it meets or exceeds the quality level of the specified Product.
 2. Will provide the same warranty for the Substituted Product as for the specified Product.
 3. Will coordinate installation and make changes to the Work which may be required for the Work to be completed with no additional cost to the Owner.
 4. Waives claims for additional costs or time extension which may subsequently become apparent.
 5. Will reimburse the Owner for review or redesign services associated with re-approval by authorities.
- D. Substitutions will not be considered when they are indicated or implied on Shop Drawings or Product Data Submittals, without separate request on the form provided, or when acceptance will require revision to the Contract Documents.
- E. Submit three copies of each request for consideration. Limit each request to one proposed Substitution. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.
1. Substitution Request Form: Use form provided at end of Section.
 2. Documentation: Show compliance with requirements for substitutions and the following, as applicable:
 - a. Statement indicating why specified material or product cannot be provided.
 - b. Coordination information, including a list of changes or modifications needed to other parts of the Work and to construction performed by Owner and separate contractors that will be necessary to accommodate proposed substitution.
 - c. Detailed comparison of significant qualities of proposed substitution with those of the Work specified. Significant qualities may include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements indicated.
 - d. Product Data, including drawings and descriptions of products and fabrication and installation procedures.
 - e. Provide MSDS information to confirm that the product is no more harmful than the products specified.
 - f. Samples, where applicable or requested.
 - g. List of similar installations for completed projects with project names and addresses and names and addresses of architects and owners.
 - h. Material test reports from a qualified testing agency indicating and interpreting test results for compliance with requirements indicated.
 - i. Research/evaluation reports evidencing compliance with building code in effect for Project, from a model code organization acceptable to authorities having jurisdiction.
 - j. Detailed comparison of Contractor's Construction Schedule using proposed substitution with products specified for the Work, including effect on the overall Contract Time. If specified product or method of construction cannot be provided within the Contract Time, include letter from manufacturer, on manufacturer's letterhead, stating lack of availability or delays in delivery.
 - k. Cost information, including a proposal of change, if any, in the Contract Sum.
 - l. Contractor's certification that proposed substitution complies with requirements in the Contract Documents and is appropriate for applications indicated.
 - m. Contractor's waiver of rights to additional payment or time that may subsequently become necessary because of failure of proposed substitution to produce indicated results.

3. Architect's Action: If necessary, Architect will request additional information or documentation for evaluation within 7 days of receipt of a request for substitution. Architect will notify Contractor of acceptance or rejection of proposed substitution within 15 days of receipt of request, or 7 days of receipt of additional information or documentation, whichever is later.
 - a. Form of Acceptance: Change Order.
 - b. Use product specified if Architect cannot make a decision on use of a proposed substitution within time allocated.

1.5 QUALITY ASSURANCE

- A. Compatibility of Options: If Contractor is given option of selecting between two or more products for use on Project, product selected shall be compatible with products previously selected, even if previously selected products were also options.

1.6 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, and handle products using means and methods that will prevent damage, deterioration, and loss, including theft. Comply with manufacturer's written instructions.
- B. Delivery and Handling:
 1. Schedule delivery to minimize long-term storage at Project site and to prevent overcrowding of construction spaces.
 2. Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.
 3. Deliver products to Project site in an undamaged condition in manufacturer's original sealed container or other packaging system, complete with labels and instructions for handling, storing, unpacking, protecting, and installing.
 4. Inspect products on delivery to ensure compliance with the Contract Documents and to ensure that products are undamaged and properly protected.
- C. Storage:
 1. Store products to allow for inspection and measurement of quantity or counting of units.
 2. Store materials in a manner that will not endanger Project structure.
 3. Store products that are subject to damage by the elements, under cover in a weathertight enclosure above ground, with ventilation adequate to prevent condensation.
 4. Store cementitious products and materials on elevated platforms.
 5. Store foam plastic from exposure to sunlight, except to extent necessary for period of installation and concealment.
 6. Comply with product manufacturer's written instructions for temperature, humidity, ventilation, and weather-protection requirements for storage.
 7. Protect stored products from damage and liquids from freezing.
 8. Provide a secure location and enclosure at Project site for storage of materials and equipment by Owner's construction forces. Coordinate location with Owner.
 9. Provide bonded and insured off-site storage and protection when site does not permit on-site storage and protection.

1.7 PRODUCT WARRANTIES

- A. Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents.
 - 1. Manufacturer's Warranty: Preprinted written warranty published by individual manufacturer for a particular product and specifically endorsed by manufacturer to Owner.
 - 2. Special Warranty: Written warranty required by or incorporated into the Contract Documents, either to extend time limit provided by manufacturer's warranty or to provide more rights for Owner.

- B. Submittal Time: Comply with requirements in Division 1 Section 01 77 00 "Closeout Procedures."

PART 2 - PRODUCTS (Not Used)

PART 3 – EXECUTION (Not Used)

SUBSTITUTION REQUEST FORM

TO: _____ **DEADLINE: Thursday, April 9, 2020**
Architect **12 noon**

Street Address

City, State Zip Code

PROJECT: Multisite Painting 2020
CIP # 400.780.724
Eugene School District 4J

ITEM: _____
Section No. Page No. Paragraph Description

The Undersigned requests consideration of the following substitution:

The Undersigned states that the following paragraphs are true, except where noted otherwise:

1. The function, appearance and quality of the proposed substitution are equivalent or superior to the specified item;
2. The proposed substitution does not affect dimensions shown on the Drawings;
3. The Undersigned will pay for changes to the building design, including engineering and design services, detailing and construction costs caused by the requested substitution;
4. The proposed substitution will have no adverse affect on other trades, the construction schedule, or specified warranty requirements;
5. Maintenance and service parts will be locally available for the proposed substitution;
6. The Undersigned has attached data concerning the proposed substitution, including: Manufacturers product description, specifications, drawings, photographs, performance and test data, adequate for evaluation of the request, with applicable portions of the data clearly indicated. Attachments also includes description of changes to Contract Documents which the proposed substitution will require for its proper installation.

Submitted by: _____ Signature: _____

Firm: _____

Address: _____

Telephone: _____ Fax: _____

Date: _____

END OF SECTION 01 60 00

**SECTION 01 73 00
EXECUTION REQUIREMENTS**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes general procedural requirements governing execution of the Work including, but not limited to, the following:
1. Construction layout.
 2. Field engineering and surveying.
 3. General installation of products.
 4. Coordination of Owner-installed products.
 5. Progress cleaning.
 6. Starting and adjusting.
 7. Protection of installed construction.
 8. Correction of the Work.
- B. Related Sections include the following:
1. Division 1 Section 01 31 00 "Project Management and Coordination" for procedures for coordinating field engineering with other construction activities.
 2. Division 1 Section 01 33 00 "Submittal Procedures" for submitting surveys.
 3. Division 1 Section 01 77 00 "Closeout Procedures" for submitting final property survey with Project Record Documents, recording of Owner-accepted deviations from indicated lines and levels, and final cleaning.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Acceptance of Conditions: Examine substrates, areas, and conditions, with Installer or Applicator present where indicated, for compliance with requirements for installation tolerances and other conditions affecting performance. Record observations.
1. Written Report: Where a written report listing conditions detrimental to performance of the Work is required by other Sections, include the following:
 - a. Description of the Work.
 - b. List of detrimental conditions, including substrates.
 - c. List of unacceptable installation tolerances.
 - d. Recommended corrections.

2. Verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.
3. Examine walls, floors, and roofs for suitable conditions where products and systems are to be installed.
4. Proceed with installation only after unsatisfactory conditions have been corrected.
PROCEEDING WITH THE WORK INDICATES ACCEPTANCE OF SURFACES AND CONDITIONS.

3.2 PREPARATION

- A. Field Measurements: Take field measurements as required to fit the Work properly. Recheck measurements before installing each product. Where portions of the Work are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
- B. Space Requirements: Verify space requirements and dimensions of items shown diagrammatically on Drawings.
- C. Review of Contract Documents and Field Conditions: Immediately on discovery of the need for clarification of the Contract Documents, submit a request for information to Architect. Include a detailed description of problem encountered, together with recommendations for changing the Contract Documents.

3.3 INSTALLATION

- A. General: Locate the Work and components of the Work accurately, in correct alignment and elevation, as indicated.
 1. Make vertical work plumb and make horizontal work level.
 2. Where space is limited, install components to maximize space available for maintenance and ease of removal for replacement.
 3. Conceal pipes, ducts, and wiring in finished areas, unless otherwise indicated.
 4. Maintain minimum headroom clearance of seven feet in spaces without a suspended ceiling.
- B. Comply with manufacturer's written instructions and recommendations for installing products in applications indicated. Bring any conflicts to the Architect for review.
- C. Install products at the time and under conditions that will ensure the best possible results. Maintain conditions required for product performance until Substantial Completion.
- D. Conduct construction operations so no part of the Work is subjected to damaging operations or loading in excess of that expected during normal conditions of occupancy.
- E. Templates: Obtain and distribute to the parties involved templates for work specified to be factory prepared and field installed. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing products to comply with indicated requirements.
- F. Hazardous Materials: Use products, cleaners, and installation materials that are not considered hazardous.

3.4 OWNER-INSTALLED PRODUCTS

- A. Site Access: Provide access to Project site for Owner's construction forces.
- B. Coordination: Coordinate construction and operations of the Work with work performed by Owner's construction forces.
 - 1. Construction Schedule: Inform Owner of Contractor's preferred construction schedule for Owner's portion of the Work. Adjust construction schedule based on a mutually agreeable timetable. Notify Owner if changes to schedule are required due to differences in actual construction progress.
 - 2. Preinstallation Conferences: Include Owner's construction forces at preinstallation conferences covering portions of the Work that are to receive Owner's work. Attend preinstallation conferences conducted by Owner's construction forces if portions of the Work depend on Owner's construction.

3.5 PROGRESS CLEANING

- A. General: Clean Project site and work areas daily, including common areas. Coordinate progress cleaning for joint-use areas where more than one installer has worked. Enforce requirements strictly. Dispose of materials lawfully.
 - 1. Comply with requirements in NFPA 241 for removal of combustible waste materials and debris.
 - 2. Do not hold materials more than 7 days during normal weather or 3 days if the temperature is expected to rise above 80 deg F (27 deg C).
 - 3. Containerize hazardous and unsanitary waste materials separately from other waste. Mark containers appropriately and dispose of legally, according to applicable regulations.
- B. Site: Maintain Project site free of waste materials and debris.
- C. Work Areas: Clean areas where work is in progress to the level of cleanliness necessary for safety and proper execution of the Work.
 - 1. Remove liquid spills promptly.
 - 2. Where dust would impair proper execution of the Work, broom-clean or vacuum the entire work area, as appropriate.
- D. Installed Work: Keep installed work clean. Clean installed surfaces according to written instructions of manufacturer or fabricator of product installed, using only cleaning materials specifically recommended. If specific cleaning materials are not recommended, use cleaning materials that are not hazardous to health or property and that will not damage exposed surfaces.
- E. Concealed Spaces: Remove debris from concealed spaces before enclosing the space.
- F. Exposed Surfaces in Finished Areas: Clean exposed surfaces and protect as necessary to ensure freedom from damage and deterioration at time of Substantial Completion.
- G. Waste Disposal: Burying or burning waste materials on-site will not be permitted. Washing waste materials down sewers or into waterways will not be permitted.
- H. During handling and installation, clean and protect construction in progress and adjoining materials already in place. Apply protective covering where required to ensure protection from damage or deterioration at Substantial Completion.

- I. Clean and provide maintenance on completed construction as frequently as necessary through the remainder of the construction period. Adjust and lubricate operable components to ensure operability without damaging effects.
- J. Limiting Exposures: Supervise construction operations to assure that no part of the construction, completed or in progress, is subject to harmful, dangerous, damaging, or otherwise deleterious exposure during the construction period.

3.6 PROTECTION OF INSTALLED CONSTRUCTION

- A. Provide final protection and maintain conditions that ensure installed Work is without damage or deterioration at time of Substantial Completion.
- B. Comply with manufacturer's written instructions for temperature and relative humidity.

3.7 CORRECTION OF THE WORK

- A. Repair or remove and replace defective construction. Restore damaged substrates and finishes.
 - 1. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment.
- B. Restore permanent facilities used during construction to their specified condition.
- C. Remove and replace damaged surfaces that are exposed to view if surfaces cannot be repaired without visible evidence of repair.
- D. Repair components that do not operate properly. Remove and replace operating components that cannot be repaired.
- E. Remove and replace chipped, scratched, and broken glass or reflective surfaces.

END OF SECTION 01 73 00

SECTION 01 77 00
CLOSEOUT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for contract closeout, including, but not limited to, the following:
 - 1. Inspection procedures.
 - 2. Warranties.
 - 3. Final cleaning.
- B. Related Sections include the following:
 - 1. Division 1 Section 01 29 00 "Payment Procedures" for requirements for Applications for Payment for Substantial and Final Completion.
 - 2. Division 1 Section 01 73 00 "Execution Requirements" for progress cleaning of Project site.
 - 3. Division 1 Section 01 78 00 "Closeout Submittals" for Record Documents, O & M Data, Warranties and Bonds.
 - 4. Divisions 2 through 49 Sections for specific closeout and special cleaning requirements for the Work in those Sections.

1.3 SUBSTANTIAL COMPLETION

- A. Prepare a list of items to be completed and corrected (punch list), the value of items on the list, and reasons why the Work is not complete.
 - 1. Terminate and remove temporary facilities from Project site, along with mockups, construction tools, and similar elements.
 - 2. Complete final cleaning requirements, including touchup painting.
 - 3. Touch up and otherwise repair and restore marred exposed finishes to eliminate visual defects.
- B. Inspection: Submit a written request for inspection for Substantial Completion. Architect will prepare the Certificate of Substantial Completion after inspection or will notify Contractor of items, either on Contractor's list or additional items identified by Architect, that must be completed or corrected before certificate will be issued.
 - 1. Reinspection: Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected.
 - 2. Results of completed inspection will form the basis of requirements for Final Completion.

1.4 FINAL COMPLETION

- A. Preliminary Procedures: Before requesting final inspection for determining date of Final Completion, complete the following:
1. Submit a final Application for Payment according to Division 1 Section "Payment Procedures."
 2. Submit certified copy of Architect's Substantial Completion inspection list of items to be completed or corrected (punch list), endorsed and dated by Architect. The certified copy of the list shall state that each item has been completed or otherwise resolved for acceptance.
 3. Submit evidence of final, continuing insurance coverage complying with insurance requirements.
 4. Submit the following completed forms, items and documents:
 - a. AIA Document G706 Contractor's Affidavit of Payment of Debts and Claims.
 - b. AIA Document G706A Contractor's Affidavit of Release of Liens.
 - c. AIA Document G707 Consent of Surety Company to Final Payment.
 - d. Operation and Maintenance Manuals.
 - e. Warranties and Bonds. Submit original documents, including Contractor's General Warranty.
 - f. Record Documents.
 - g. Keys and Badges.
 - h. Testing and Start-Up records. (if required)
 - i. Affidavit of Prevailing Wages paid.
 - j. Complete list of Contractor and all Subcontractors with address, phone numbers, and work.
 - k. Asbestos-Containing Materials Statement (Form 01100B).
 - l. Proof of final acceptance and compliance from governing authorities having jurisdiction. (if required)
 - m. Certificate of insurance evidencing continuation of liability coverage including coverage for completed operations until the expiration of the specified warranty periods.
 5. Instruct Owner's personnel in operation, adjustment, and maintenance of products, equipment, and systems. (if required)
 6. Reinspection: Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected.
 7. Cost of additional re-inspections by Architect and Owner's Project manager may be deducted from Final Payment to the Contractor.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of the surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property or that might damage finished surfaces.

PART 3 - EXECUTION

3.1 WARRANTIES

- A. Submittal Time: Submit written warranties on request of Architect for designated portions of the Work where commencement of warranties other than date of Substantial Completion is indicated.
- B. Organize warranty documents into an orderly sequence based on the table of contents of the Project Manual. Include as a tabbed section in the Operation and Maintenance Manual.

3.2 FINAL CLEANING

- A. General: Provide final cleaning. Conduct cleaning and waste-removal operations to comply with local laws and ordinances and Federal and local environmental and antipollution regulations.
- B. Cleaning: Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit to condition expected in an average commercial building cleaning and maintenance program. Comply with manufacturer's written instructions.
 - 1. Complete the following cleaning operations before requesting inspection for certification of Substantial Completion for entire Project or for a portion of Project.
 - a. Clean Project site, yard, and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste material, litter, and other foreign substances.
 - b. Rake grounds that are neither planted nor paved to a smooth, even-textured surface.
 - c. Remove tools, construction equipment, machinery, and surplus material from Project site.
 - d. Remove debris and surface dust from limited access spaces, including roofs and similar spaces.
 - e. Vacuum carpet and similar soft surfaces, removing debris and excess nap; shampoo if visible soil or stains remain.
 - f. Clean transparent materials, including mirrors and glass in doors and windows. Remove glazing compounds and other noticeable, vision-obscuring materials. Replace chipped or broken glass and other damaged transparent materials. Polish mirrors and glass, taking care not to scratch surfaces.
 - g. Remove labels that are not permanent.
 - h. Leave Project clean and ready for occupancy.
 - 2. Comply with safety standards for cleaning. Do not burn waste materials. Do not bury debris or excess materials on Owner's property. Do not discharge volatile, harmful, or dangerous materials into drainage system. Remove waste materials from Project site and dispose of lawfully.

END OF SECTION 01 77 00

SECTION 01 78 00
CLOSEOUT SUBMITTALS

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for contract closeout, including, but not limited to, the following:
 - 1. Project Record Documents.
 - 2. Operation and Maintenance Data.
 - 3. Warranties and Bonds.
- B. Related Sections include the following:
 - 1. Division 1 Section 01 11 00 "Summary of Work" for Asbestos-Containing Materials Statement.
 - 2. Division 1 Section 01 33 00 "Submittal Procedures".
 - 3. Division 1 Section 01 77 00 "Closeout Procedures" for coordinating Contract Closeout.
 - 4. Divisions 2 through 49 Sections for specific requirements for submittals in those Sections.

1.3 SUBMITTALS

- A. Project Record Documents: Submit documents to Architect with claim for final Application for Payment.
- B. Operation and Maintenance Data:
 - 1. For equipment, or component parts of equipment put into service during construction and operated by Owner, submit completed documents within ten days after acceptance.
 - 2. Submit one copy of completed documents 15 days prior to final inspection. This copy will be reviewed and returned after final inspection, with Architect comments. Revise content of all document sets as required prior to final submission.
 - 3. Submit two sets of revised final documents in final form within 10 days after final inspection.
- C. Warranties and Bonds:
 - 1. For equipment or component parts of equipment put into service during construction with Owner's permission, submit documents within 10 days after acceptance.
 - 2. Make other submittals within 10 days after Date of Substantial Completion, prior to final Application for Payment.
 - 3. For items of Work for which acceptance is delayed beyond Date of Substantial Completion, submit within 10 days after acceptance, listing the date of acceptance as the beginning of the warranty period.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 PROJECT RECORD DOCUMENTS

- A. Maintain on site one set of the following record documents; record actual revisions to the Work:
 - 1. Drawings.
 - 2. Specifications.
 - 3. Addenda.

4. Change Orders and other modifications to the Contract.
 5. Reviewed shop drawings, product data, and samples.
 6. Manufacturer's instruction for assembly, installation, and adjusting.
- B. Ensure entries are complete and accurate, enabling future reference by Owner.
 - C. Store record documents separate from documents used for construction.
 - D. Record information concurrent with construction progress.
 - E. Specifications: Legibly mark and record at each product section description of actual products installed, including the following:
 1. Manufacturer's name and product model and number.
 2. Product substitutions or alternates utilized.
 3. Changes made by Addenda and modifications.
 - F. Record Drawings and Shop Drawings: Legibly mark each item to record actual construction including:
 1. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.
 2. Field changes of dimension and detail.
 3. Details not on original Contract drawings.

3.2 OPERATION AND MAINTENANCE MANUAL

- B. Organize operations and maintenance documents into an orderly sequence based on the table of contents of the Project Manual.
 1. Bind in heavy-duty, 3-ring, vinyl-covered, loose-leaf binders, thickness as necessary to accommodate contents, and sized to receive 8-1/2-by-11-inch paper.
 2. Provide heavy paper dividers with plastic-covered tabs for each separate warranty. Mark tab to identify the product or installation. Provide a typed description of the product or installation, including the name of the product and the name, address, and telephone number of Installer.
 3. Identify each binder on the front and spine with the typed or printed title "OPERATION AND MAINTENANCE MANUAL AND WARRANTIES," Project name, CIP Number, and name of Contractor.
- B. For each Product or System: List names, addresses and telephone numbers of Subcontractors and suppliers, including local source of supplies and replacement parts.
- C. Product Data: Mark each sheet to clearly identify specific products and component parts, and data applicable to installation. Delete inapplicable information.
- D. Drawings: Supplement product data to illustrate relations of component parts of equipment and systems, to show control and flow diagrams. Do not use Project Record Documents as maintenance drawings.
- F. Typed Text: As required to supplement product data. Provide logical sequence of instructions for each procedure, incorporating manufacturer's instructions.

3.3 OPERATION AND MAINTENANCE DATA FOR MATERIALS AND FINISHES

- A. For Each Product, Applied Material, and Finish:
 1. Include paint drawdowns for colors used at each school.
- B. Instructions for Care and Maintenance: Manufacturer's recommendations for cleaning agents and methods, precautions against detrimental cleaning agents and methods, and recommended schedule for cleaning and maintenance.

3.5 WARRANTIES AND BONDS

- A. Obtain warranties and bonds, executed in duplicate by responsible Subcontractors, suppliers, and manufacturers, within 10 days after completion of the applicable item of work. Except for

items put into use with Owner's permission, leave date of beginning of time of warranty until the Date of Substantial completion is determined.

- B. Verify that documents are in proper form, contain full information, and are notarized.
- C. Co-execute submittals when required.
- D. Retain warranties and bonds until time specified for submittal.
- E. Include warranties and bonds as a tabbed section in the O&M Manual, with typed or printed title WARRANTIES AND BONDS.
- F. Separate each warranty or bond with index tab sheets keyed to the Table of Contents listing. Provide full information, using separate typed sheets as necessary. List Subcontractor, supplier, and manufacturer, with name, address, and telephone number of responsible principal.

END OF SECTION 01 78 00

SECTION 07 19 05

WATER REPELLANTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes penetrating water-repellent coatings for the following vertical surfaces:
 - 1. Brick masonry.
 - 2. Concrete unit masonry (unpainted and unglazed).
- B. Related Sections include the following:
 - 1. Section 07 90 05 - Joint Sealers
 - 2. Section 09 90 00 - Painting

1.3 PERFORMANCE REQUIREMENTS

- A. Performance Testing: Provide water repellents that comply with test-performance requirements indicated, as evidenced by reports of tests performed by manufacturer by a qualified independent testing agency on manufacturer's standard products applied to substrates simulating those on Project using same application methods to be used for Project.
- B. Absorption: Minimum 95% percent reduction of absorption after 24 hours in comparison of treated and untreated specimens.
 - 1. Brick: ASTM C 67.
 - 2. Concrete Unit Masonry: ASTM C 140.
- C. Permeability: Minimum 80 percent water-vapor transmission in comparison of treated and untreated specimens, per ASTM D 1653.
- D. Water Penetration and Leakage through Masonry: Maximum 95 percent reduction in leakage rate in comparison of treated and untreated specimens, per ASTM E 514.
- E. Durability: Maximum 5 percent loss of water repellency after 2500 hours of weathering in comparison to specimens before weathering, per ASTM G 154.

1.4 SUBMITTALS

- A. Product Data: For each type of product indicated.
 - 1. Include manufacturer's printed statement of VOC content.
 - 2. Submit MSDS Information

- B. Manufacturer Certificates: Signed by manufacturers certifying that water repellents comply with requirements.
- C. Qualification Data: For Installer.
- D. Warranty: Special warranty specified in this Section.

1.5 QUALITY ASSURANCE

- A. Manufacturer: Minimum 10 years experience in manufacturing the products specified in this section.
- B. Installer Qualifications: Minimum 3 years experience in the application of the products specified in this section. In addition, applicator must state the intended use of the proper application equipment and that it has been well maintained.
 - 1. Provide a list of several of the most recently completed projects where the specified material was used.
 - a. Include the project name, location, architect or owner, and method of application.
- C. Test Application: Apply a finish sample for each type of water repellent and substrate required. Duplicate finish of approved sample.
 - 1. Locate each test application as directed by Architect.
 - 2. Size: 25 sq. ft.
 - 3. Final approval by Architect of water-repellent application will be from test applications.
- D. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Section 01 31 00 - "Project Management and Coordination."

1.6 PROJECT CONDITIONS

- A. Limitations: Proceed with application only when the following existing and forecasted weather and substrate conditions permit water repellents to be applied according to manufacturers' written instructions and warranty requirements:
 - 1. Ambient temperature is above 40 deg F during and 24 hours after installation
 - 2. Rain or snow is not predicted 24 hours after application.
 - 3. Application proceeds more than seven days after surfaces have been wet.
 - 4. Substrate is not frozen, or ambient temperature surface is above 100 deg F.
 - 5. Windy conditions that may cause water repellent to be blown onto vegetation or surfaces not intended to be treated.

1.7 PRODUCT DELIVERY

- A. Material Delivery: Deliver materials to the job site in original sealed containers, clearly marked with manufacturer's name, brand name, and type of material. Verify the product matches that of the original sample applied on the mock - up wall.
- B. Record Keeping: Contractor / applicator shall record product batch number or lot number for warranty purposes.
- C. Storage & Protection: Store materials inside if possible, away from sparks and open flame. Store in a secure area to avoid tampering and contamination. Water based materials must be kept from freezing. Store and handle in accordance with manufactures written instructions.

1.8 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agree(s) to repair or replace materials that fail to maintain water repellency specified in Part 1 "Performance Requirements" Article within specified warranty period. When notified in writing from the Owner, the Manufacturer shall, promptly and without inconvenience to the Owner correct said deficiencies.

- 1. Warranty Period: 5 years from date of Substantial Completion.

1.9 ALTERNATES:

- A. Refer to Section 01 21 00 - Alternates for possible effect on work of this Section

1.10 ASBESTOS

- A. All materials used in this project shall contain 0% asbestos. Provide written confirmation to Architect.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Products: Subject to compliance with requirements, provide one of the products under Paragraph 2.2

2.2 PENETRATING WATER REPELLENTS

- A. Silane/Siloxane, Penetrating Water Repellent: Clear, oligomeric alkylalkoxysiloxanes containing 7 percent or more solids; with water, or other proprietary solvent carrier; and with 3.3 lb/gal. (400 g/L) or less of VOCs.

- 1. Products: Low odor, water based repellents:

- a. Prime A Pell H₂O by Chemprobe Coating Systems
- b. Hydrozo Enviroseal 20 by ChemRex.
- c. Sure Klean Weather Seal Siloxane PD by ProSoCo, Inc.
- d. Fabrishield 900 by Fabrikem
- e. Protectosil AQUA-TRETE 40 by degussa
- f. or approved.

- B. Isobutyltrialkoxysilane, Penetrating Water Repellant: Clear liquid containing isobutyltrialkoxysilane in an alcohol carrier with 600 g/L or less of VOC's

- 1. Products:

- a. Chem-Trete BSM 40D by degussa
- b. Chem-Trete BSM 40 VOC by HULS America
- c. Protectosil Chem-Trete 40 VOC by Evonic

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify by examination that masonry and concrete surfaces are acceptable to receive the specified water repellents. Notify the Architect if surfaces are not acceptable to receive the specified products.

3.2 SURFACE PREPARATION

- A. Thoroughly clean exposed surfaces by power washing, and per water-repellent manufacturer's recommendations. Test for moisture content, according to water-repellent manufacturer's written instructions, to ensure that surface is dry enough after washing. Clean stains with 409 cleanser, or cleaners approved by the water repellent manufacturer. Let 409 soak into masonry, and wash off.
 - 1. Clay Brick Masonry: Clean clay brick masonry per ASTM D 5703.
- B. Test for pH level, according to water-repellent manufacturer's written instructions, to ensure chemical bond to silicate minerals.
- C. Protect adjoining work, including sealant bond surfaces, from spillage or blow-over of water repellent. Cover adjoining and nearby surfaces of aluminum and glass if there is the possibility of water repellent being deposited on surfaces. Cover live plants and grass.
- D. Protect building occupants, pedestrians, vehicles and all non masonry surfaces from application of water repellent, masonry or concrete cleaners when used; residues, rinse water, waste fumes and effluents; and in accordance with manufacturer's written instructions.
- E. Coordination with Sealants: Do not apply water repellent until sealants for joints adjacent to surfaces receiving water-repellent treatment have been installed and cured.
 - 1. Water-repellent work may precede sealant application only if sealant adhesion and compatibility have been tested and verified using substrate, water repellent, and sealant materials identical to those used in the work.
- F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 APPLICATION

- A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect the substrate before application of water repellent and to instruct Applicator on the product and application method to be used.
- B. Apply a heavy-saturation or fog spray coating of water repellent, as per manufacturer's recommendation on surfaces indicated for treatment using low-pressure spray equipment. Comply with manufacturer's written instructions for using airless spraying procedure, unless otherwise indicated.
- C. Apply a second spray coating with the required run downs per manufacturer's recommendations. Comply with manufacturer's written instructions for limitations on drying time between coats and after rainstorm wetting of surfaces between coats. Consult manufacturer's technical representative if written instructions are not applicable to Project conditions.

3.4 CLEANING

- A. Immediately clean water repellent from adjoining surfaces and surfaces soiled or damaged by water-repellent application as work progresses. Comply with manufacturer's written cleaning instructions.
- B. Repair or repaint surfaces damaged by application of water-repellant treatment.

END OF SECTION 07 19 05

SECTION 07 90 05
JOINT SEALERS

PART I GENERAL

1.1 SECTION INCLUDES

- A. Preparing sealant substrate surfaces.
- B. Sealant and backing.

1.2 RELATED SECTIONS

- A. Section 09 90 00 - Painting: Sealants used in conjunction with painted surfaces.

1.3 ENVIRONMENTAL REQUIREMENTS

- A. Do not install solvent curing sealants in enclosed building spaces.
- B. Maintain environmental conditions recommended by sealant manufacturer.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Company specializing in manufacturing the products specified in this Section.
- B. Applicator: Company specializing in applying the work of this Section with minimum three years experience.
- C. Conform to Sealant and Waterproofers Institute requirements for materials and installation.

1.5 SEQUENCING AND SCHEDULING

- B. Coordinate the work of this Section with all work.

1.6 WARRANTY

- A. Joints shall be sealed watertight and warranted for a period of two years from date of substantial completion.

1.7 ALTERNATES

- A. Refer to Section 01 23 00 - Alternates for possible effect on work of this Section.

1.8 ASBESTOS

- A. No material used in this project shall contain asbestos. Submit written confirmation.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Elastomeric Joint Sealant
 - 1. Silyl-Terminated Polyether Sealant (STPe).
 - a. Sonneborn Sonolastic 150
 - 2. Urethanized Sealant

- A. White Lightning by Sherwin Williams
- B. Latex Joint Sealant:
 - 1. Acrylic latex base single component sealant.
 - a. Sonneborn; - Sonolac.
 - b. Tremco; - Tremflex 834
- C. Substitutions as approved per Section 01 60 00 - Product Requirements.
- D. Color of exposed sealant to approximate color of adjacent surfaces, unless otherwise directed.

2.2 PREPARATORY MATERIALS

- A. Primer: As recommended by sealant manufacturer to suit application. Non-staining type.
- B. Joint Cleaner: Non-corrosive and non-staining type, recommended by sealant manufacturer; compatible with joint forming materials.
- C. Joint Filler: Polyethylene foam rod; oversized 30 to 50 percent. Ethafoam by Dow, Sonofoam by Sonneborn or approved.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that surfaces and joint openings are ready to receive work and field measurements are as shown on Drawings and recommended by the manufacturer.
- B. Beginning of installation means installer accepts existing surfaces substrates.

3.2 PREPARATION

- A. Clean and prime joints in accordance with manufacturer's instructions.
- B. Remove loose materials and foreign matter which might impair adhesion of sealant.
- C. Verify that joint backing and release tapes are compatible with sealant.
- D. Protect elements surrounding the work of this Section from damage or disfiguration.

3.3 INSTALLATION

- A. Install sealant in accordance with manufacturer's instructions, applied before final coat of paint or surface sealer.
- B. Measure joint dimensions and size materials to achieve required width-depth ratios.
- C. Install joint backing to achieve a neck dimension no greater than 1/3 the joint width.
- D. Install bond breaker where joint backing is not used.
- E. Apply sealant within recommended application temperature ranges. Consult manufacturer when

sealant cannot be applied within these temperature ranges.

F. Install sealant free of air pockets, foreign embedded matter, ridges, and sags.

G. Tool joints concave within 10 minutes of installation, or as detailed.

3.4 CLEANING AND REPAIRING

A. Clean work under provisions of Sections 01 73 00 and 01 77 0.

B. Clean adjacent soiled surfaces.

C. Repair or replace defaced or disfigured finishes caused by work of this Section.

3.5 PROTECTION OF FINISHED WORK

A. Protect finished installation under provisions of Section 01 73 00.

B. Protect sealants until cured.

3.6 SCHEDULE

A. Type I Condition: All exterior perimeter joints at frames and other exterior joints.

B. Type 2 Condition: All joints in wood where siding abuts wood trim, window and doors, over exposed nail heads in wood.

END OF SECTION

SECTION 09 90 00

PAINTING

PART 1 GENERAL

- 1.1 SECTION INCLUDES
 - A. Surface preparation.
 - B. Field application of paints, stains, varnishes, and other coatings.
- 1.2 EXTENT OF WORK
 - A. Surface preparation and painting of certain exterior elements and areas shown on the provided photographs and/or documented within the descriptions and notes. No Exposed surface is to be left unfinished unless specifically so indicated. Do not paint items having a factory finish or non-ferrous metals unless specifically mentioned in the painting schedule. Conduct dry film thickness tests as directed by Owner's Representative. Patch areas where tests have been conducted.
- 1.3 RELATED SECTIONS
 - A. Section 07 90 05 - Joint Sealers.
- 1.4 REFERENCES
 - A. ASTM D16 - Standard Terminology Relating to Paint, Varnish, Lacquer, and Related Products.
 - B. ASTM D4442 - Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Base Materials.
- 1.5 DEFINITIONS
 - A. Conform to ASTM D16 for interpretation of terms used in this section.
- 1.6 SUBMITTALS FOR REVIEW
 - A. Section 01 33 00 - Submittals: Procedures for submittals.
 - B. Draw Downs: Submit 5 sets of draw downs for each color for each school for review and approval before commencing work. 2 sets will be retained by Owner with 3 sets returned to Contractor. One set for Contractor, one set for paint supplier, and one set for Close-out O&M submitted to Owner at end of project.
 - C. Product Data: Provide data on all paint products indicating name and formula number for each color of paint used.
 - D. Inclusive list of required coating materials and its application and location.
 - E. Certifications by manufacturer of each material that the products comply with local regulations controlling the use of volatile organic components (VOC's).
 - F. Proposed solvent cleaning method. Proposed solvent and stripping materials.
 - G. Manufacturer's thinning and application instructions.
 - H. MSDS (Material's Safety Data Sheet) for all Paints, Primers Thinners, Solvents, Strippers, Fillers and all other proposed products to be used on the Project.

1.7 SUBMITTALS FOR INFORMATION

- A. Section 01 33 00 - Submittals: Procedures for submittals.
- B. Manufacturer's Instructions: Indicate special surface preparation procedures, substrate conditions requiring special attention.

1.8 SUBMITTALS AT PROJECT CLOSEOUT

- A. Section 01 60 00 - Contract Closeout: Procedures for submittals.
- B. Maintenance Data: Submit data on cleaning, touch-up, and repair of painted and coated surfaces.

1.9 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the Products specified in this section with minimum three year experience.
- B. Applicator Qualifications: Company specializing in performing the work of this section with minimum three years experience.

1.10 REGULATORY REQUIREMENTS

- A. Conform to applicable code for flame and smoke rating requirements for products and finishes.
- B. Comply with requirements of Environmental Protection Agency document "Lead Renovation, Repair, and Painting Rule" issued in 2010.

1.11 DELIVERY, STORAGE, HANDLING AND PROTECTION

- A. Deliver products to site in sealed, manufacturer's labeled, unopened containers. Inspect to verify acceptability.
- B. Container Label: Include manufacturer's name, type of paint, brand name, sick and/or lot number, color designation, brand code, coverage, surface preparation, drying time, and where applicable, instructions for mixing and reducing, cleanup requirements and EPA / code compliance.
- C. Paint Materials: Store at minimum ambient temperature of 45 degrees F (7 degrees C) and a maximum of 90 degrees F (32 degrees C), in ventilated area, as required by manufacturer's instructions. Store outside the building in secured area or as directed by Owner's Representative. Mix where directed. Protect against contamination by foreign matter. Remove unacceptable materials from site.

1.12 EXTRA STOCK

- A. For each school, leave in original unopened one gallon containers, one gallon of each color used at that school. Label for positive identification and store on each school's premises where directed. Provide list of paints delivered and signature of person receiving paint.

1.13 ENVIRONMENTAL REQUIREMENTS

- A. General: Comply with manufacturer's directions. Apply products in dust-free and insect-free areas.
- B. Do not apply materials when surface and ambient air temperatures are outside the temperature ranges required by the paint product manufacturer.
- C. Do not apply coatings on substrates while they are in direct sunlight.

- D. Do not apply exterior coatings during rain or snow, or when relative humidity is outside the humidity ranges required by the paint product manufacturer. Perform no work until material surfaces have thoroughly dried.
- E. Test substrates for moisture content in presence of Owner's Representative.
- F. Minimum Application Temperatures for Latex Paints: 45 degrees F (7 degrees C) for interiors; 50 degrees F (10 degrees C) for exterior; unless required otherwise by manufacturer's instructions.
- G. Apply paint with permanent lighting functional. At semi-enclosed areas, supplement with work lights by providing lighting level of 80 ft candles (860 lx) measured mid-height at substrate surface.
- H. Provide sufficient ventilation required for healthy working conditions and pleasant environment.

1.14 ABESTOS

- A. All materials used in this project shall contain 0% asbestos. Provide written confirmation to Architect.

1.15 ALTERNATES

- A. No Alternate paints are to be provided at this time.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Paint: ICI, Rodda, Sherwin-Williams, Benjamin Moore, Dutch Boy, Glidden, Pittsburgh, Parker, Miller, Olympic, Zinsser, or approved. Paint materials shall be of the type specified and of the highest quality obtainable.
- B. Substitutions: Refer to Section 01 60 00 - Product Requirements
- C. Colors and manufacturers listed on drawings may differ from the paint product listed in Project Manual. Follow selected manufacturers requirements should they exceed these minimums.

2.2 MATERIALS

- A. Products for each general purpose shall be of the same manufacturer. Products, solvent, primer and finish coats for a specific application shall be from the same manufacturer, or approved-in-writing by manufacturer of finish coat.
- B. Respective fillers, primers, undercoats, intermediate coats and top coats shall be compatible with each other and substrate.
- C. Coatings: Ready mixed, except field catalyzed coatings. Prepare pigments to a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating; for good flow and brushing properties; capable of drying or curing free of streaks or sags. Use of coatings containing lead and coatings containing zinc chromate is prohibited.
- D. Accessory Materials: Linseed oil, shellac, turpentine, paint thinners, solvents, strippers, fillers, and other materials not specifically indicated or described but required to achieve the finishes specified; shall be of the highest commercial quality and shall have identifying labels on containers.
- E. Patching Materials: Latex filler, and epoxy filler cover and exterior and interior exposed countersunk fasteners.
- F. Cleaning Detergent: Low sudsing for washing sheet metal roofing and siding: Tide - diluted 20:1; Krud Kutter - diluted 10:1, or approved. Test detergent on a small area first.

2.3 PRODUCTS LIST

- A. Submit to the Architect a complete and detailed list of materials proposed for use on Work, including draw-down color cards for each color and manufacturer. Include a letter from the manufacturer stating that materials are suitable for the intended use. Obtain Architect's acceptance before ordering.

2.4 FINISHES

- A. Refer to schedule at end of section for surface finish schedule.

2.5 COLORS

- A. When required, match adjacent existing colors. At most sites, architect will have color selections available from original paint projects; however, contractor shall verify colors and tint paint products as required to approximate the color of potentially faded paint.
- B. Coordinate color selection with Architect to match existing. Provide for areas of up to 15% to be deep tone, accent colors.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that surfaces are ready to receive Work as instructed by the product manufacturer.
- B. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application, permanence, quality and execution of work.
- C. Ensure that surfaces are in proper condition to receive the specific coating. If the surfaces can not be put into proper condition, notify the Owner's representative. Starting work on any surface shall be construed as acceptance of the surface by the Contractor as being satisfactory to properly receive the coating specified.
- D. Always check for compatibility of any previously painted surface with new shop applied primer and coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly. Check adhesion.
- E. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:
 1. Plaster and Gypsum Wallboard: 12 percent.
 2. Masonry, Concrete, and Concrete Unit Masonry: 12 percent.
 3. Interior Wood: 15 percent, measured in accordance with ASTM D2016.
 4. Exterior Wood: 15 percent, measured in accordance with ASTM D2016.

3.2 PROTECTION

- A. Surface must be dry and in sound condition. Remove oil, dust, dirt, loose rust, peeling paint or other contamination to ensure good adhesion. All areas must be completely dry prior to coating.
- B. Surface Appurtenances: Remove hardware, electrical switch outlet coverplates, electrical fixtures (protect against shock), light fixture trim, escutcheons, and fittings prior to preparing surfaces for painting and finishing. If removal is impractical or impossible because of the size or weight of the item, provide surface-applied protection before surface preparation and painting. All removed items shall be protected and free of splatter, overpaint, discoloration or damage. Remove clean and replace if required.

- C. Fascia: Components of a "fascia" refers to wood, metal over wood, or any combination of which forms a roof edge between the roof surface and the wall or soffit surface. Some fascias are all wood, and some will have a wood fascia board with a sheet metal cap or edge metal component over top. This assembly is all considered a fascia. Any metal that extends onto the roof (cap metal) is considered part of the assembly and shall also be painted. Some fascias have a pre-finished sheet metal cap with wood below it.
- D. Post signs and install barricades as required to protect work of this section against damage or discoloration.

3.3 FLAMMABLE MATERIAL

- A. Take extraordinary care to prevent fire. Open containers of paint only when needed. Keep rubbing cloths and oily rags in tightly closed containers, or remove from building at close of each day's work.

3.4 SURFACE PREPARATION

- A. Existing painted surfaces have numerous paint layers and bottom layers may contain lead based paint. Exhaustive tests have not been made to determine if there is any lead based paint. Should suspect layers be encountered, contact District for remedy. Adhere to following Item 3.5 for additional precautions for preparation of surfaces containing lead paint.
- B. At exterior painting only, clean surfaces thoroughly using power-washing equipment to remove salt deposits and chalking of old paint material, without damaging the substrate or surrounding areas.
- C. Maintenance painting will frequently not permit or require complete removal of all old coatings prior to repainting. However, all surface contaminations such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, mortar, efflorescence and sealers must be removed to assure sound bonding to the tightly adhered old paint. In addition, glossy surfaces of old paint films must be clean and dull before repainting (thorough washing with an abrasive kitchen cleanser will clean and dull in one operation, or wash thoroughly and dull by sanding. Remove sanding dust.) Spot prime all bare areas with appropriate primer. Feather all edges. Fill depressions left by removed paint. Always check for compatibility of the previously painted surface with the new coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly and check adhesion.
- D. Remove loose paint by hand scraping and/or wire brushing.
- E. Do not sand or scrape cement plaster or stucco.
- F. Surfaces: Correct defects and clean surfaces which affect work of this section.
- G. Mold or mildew must be removed by scrubbing with a mixture of one quart of household bleach to three quarts of water. CAUTION: DO NOT ADD HOUSEHOLD DETERGENTS OR AMMONIA TO THE BLEACH SOLUTION. Wear protective glasses or goggles, waterproof gloves and protective clothing and quickly wash off any of the solution that touches the skin. Scrub well with brush and allow solution to remain on the surface for ten minutes before rinsing thoroughly with clean water. Allow to dry.
- H. Surfaces may be solvent cleaned, if required, only with approval of the Owner's representative and the Architect.
- I. Acid washing, water blasting or sand blasting is generally not acceptable. Exceptions need prior written approval by the Owner's representative and the Architect unless called for in the contract documents.
- J. Glossy surfaces shall be dulled.
- K. Treat areas where factory applied coating has been damaged as unfinished material. Sand edges of blemishes to achieve a smooth transition.

- L. **Marks:** Seal with appropriate sealer those marks which may bleed through surface finishes.
- M. **Gypsum Board Surfaces:** Fill minor defects with filler compound. Spot prime defects after repair.
- N. **Doors, Frames:** Finish door edges and protect hardware from damage. Remove as may be required to apply specified finish.
- O. **Plaster Surfaces:** Fill hairline cracks, small holes, and imperfections with latex patching plaster. Make smooth and flush with adjacent surfaces. Wash and neutralize high alkali surfaces.
- P. **Concrete, Masonry, Plaster, Stucco:** Repair surface defects. Remove grease, oil and other contaminants by solvent cleaning. Scrape carefully to remove deteriorated coatings. Glossy or very hard coatings should be sanded lightly to promote maximum adhesion of the subsequent coating. Surface must be thoroughly dry before coating.
- Q. **Galvanized Surfaces:** Remove surface contamination and oils and thoroughly clean with surface conditioner in accordance with manufacturer's instructions.
- R. **Shop Primed Steel Surfaces:** Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces.
- S. **Exterior Metal Surfaces:** Remove old coatings by thorough scraping and wire brushing and/or with paint remover. Remove dirt, oil, oxides, etc. as needed by solvent cleaning. Allow to dry thoroughly.
- T. **Bare, Sandblasted or Pickled Metal:** Treat with a metal treatment before applying primer.
- U. **Aluminum:** Remove surface oxidation on aluminum scheduled to be painted. Apply etching primer immediately after cleaning.
- V. **Interior Wood Items Scheduled to Receive Paint Finish:** Remove tape residue and wire staples. Wipe off dust and grit prior to priming. Seal knots, knot holes, pitch streaks and resinous sapwood sections with sealer. Fill nail and screw holes. Rough areas and cracks after primer has dried, sand between coats.
- W. **Exterior Wood Scheduled to Receive Paint Finish:** Remove dust, grit, and foreign matter. Seal knots, knot holes, pitch streaks and resinous sapwood sections with sealer. Set nails (nail pops) and fill nail holes with tinted exterior caulking compound after prime coat has been applied. Sand smooth as required. Clean and allow surface to be thoroughly dry before coating.
- X. **Exposed A-C plywood and MDO plywood** may have countersunk screw or nail fasteners in the field. Fill these countersunk screws or nail heads with epoxy wood filler or sealant. Sand filler or tool sealant smooth and seal with prime sealer before painting.
- Y. **Plastic:** Sand lightly and wipe with solvent appropriate for material.
- Z. At completion of preparation, remove all evidence of paint chips, dust, and debris as a result sanding, scraping; and caulk and window putty removal. District dumpsters not available for disposal of waste generated by this project.
- AA. **Sheet Metal Roofing and Siding:** Soft power wash (low pressure, 800 psi) and soft scrub surface with fillibrated brush using low sudsing, non-abrasive detergent solutions to remove dirt, dust, mold, algae, and any foreign matter. Follow with adequate rinse of water.

3.5 SURFACE PREPARATION - EXISTING LEAD BASED PAINT

1. Prepare surfaces with the additional following precautions.
2. Some paint in this project is assumed to be lead containing and where identified shall be prepared and painted according to the following guidelines. Contractor is solely responsible for protection of workers and the public. Safety precautions shall include, but not be limited to, the following:

- A. Follow all regulatory agency requirements in the handling, collecting and disposal of lead containing paint. Comply with work practices outlined in the document "Lead Renovation, Repair, and Painting Rule" issued in 2010 by the Environmental Protection Agency.
- B. Maintain the safety of workers through the usage of respirators and other measures deemed appropriate by the contractor or as required by governmental agencies.
- C. No power sanding drilling, grinding, or sawing of lead based paint surfaces is permitted unless area is isolated and under negative air containment.
- D. Cover areas with plastic sheeting to collect debris. Bag up and dispose of lead based material with rest of debris.
- E. Avoid unnecessary scraping or sanding of lead based paint surfaces.
- F. Surfaces are to be minimally hand sanded only. All visible dust created shall be promptly collected with a HEPA vacuum, and cleaned from building surfaces with a damp cloth or sponge.
- G. All debris from surface preparation shall be collected for safe disposal before the next school day. No one is to be able to walk through, breath, or otherwise be able to ingest potentially lead laden debris material.
- H. Torches and heat guns are prohibited.
- I. Dry abrasive blasting is prohibited.
- J. Use of paint strippers is prohibited.
- K. Surfaces proven to not contain lead may be prepared without these additional preparation precautions. Testing swabs available from District for contractors use.

3.6 APPLICATION

- A. Apply products in accordance with manufacturer's instructions.
- B. Apply coatings with suitable brushes or rollers or spraying equipment as recommended by manufacturer. Back roll or brush any spray applied material.
- C. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied. Test with moisture meter.
- D. Do not apply Finish Coats until Primer Coat has been inspected and approved by Architect.
- E. Apply each coat to uniform appearance, without runs, sags, brush marks, streaks, laps, skips, transparencies, mixed areas of paint pile-ups. Apply each coat of paint slightly darker than preceding coat unless otherwise approved.
- F. Sand wood and metal surfaces lightly between coats to achieve required finish.
- G. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
- H. Prime concealed surfaces of interior and exterior woodwork with primer paint.
- I. Where Paint abuts other Materials or Colors, cut Paint edges clean and sharp with no overlaps.
- J. Finish door tops, bottoms, and edges ; remove doors from frames if necessary.

3.7 FIELD INSPECTION

- A. Dry paint film thickness shall be measured by the painting contractor in the presence of the Architect, Owner's Representative upon completion using Mark 11 Tooke coating inspection gauge, a precision instrument for measuring and evaluating paint coating. Coat work measuring less than specified thickness shall be re-coated to comply with minimum standard, touch-up test surface which will measure approximately one square inch per test.

3.8 CLEANING

- A. Remove paint spills, splatters, over spray, and stains from all surfaces; including **previously existing paint over sprays on glass and windows**; and those in paint storage and mixing rooms.
- B. Unless otherwise approved, refinish entire wall or surface where portion of finish has been damaged or is otherwise unacceptable.
- C. Collect waste material which may constitute a fire hazard, place in closed metal containers, and remove daily from site.
- D. Remove debris from site upon completion of work or sooner as directed.

3.9 SCHEDULE - EXTERIOR SURFACES

Prime coats listed may not be omitted from existing finished surfaces. Refer to Item 3.4C for spot priming. Number of coats specified hereunder is minimum. Minimum coating thicknesses specified below include Prime Coat and Finishing Coats combined.

- A. Wood, Plywood, Medium Density Overlaid Plywood (MDO), Gypsum Board, Stucco, Painted Masonry, CMU, Concrete, and Tempered Hardboard - Painted:
 - 1. One coat of acrylic primer sealer. Rodda 501601x First Coat Primer
 - 2. Two coats of acrylic latex enamel, semi-gloss. Rodda 54200xx
Minimum Dry Thickness: 4.0 mil
- B. Previously Coated Ferrous Metals - Painted:
 - 1. One coat flat latex primer. Rodda 501601x First Coat Primer
 - 2. Two coats of acrylic latex enamel, semi-gloss. Rodda 54200xx
Minimum Dry Thickness: 4.0 mils
- C. ABS Plastic Downspouts - Painted:
 - 1. Two coats semi-gloss acrylic latex paint. Rodda 54200xx
 - 2. Minimum Dry Thickness: 4.5 mils
- D. Trash Compactors, HVAC Units, Parking Lot Light Poles, Flag Poles - Painted:
 - 1. One coat alkyd metal primer, Rodda 708195x
 - 2. Two coats semi-gloss alkyd enamel, Rodda 74500xx Porsalite
 - 3. At Flag Poles: metal primer plus two coats ICI Devguard 4308-9020
Aluminum - No Substitutions
- E. Bollards - Painted:
 - 1. One coat alkyd metal primer, Rodda 708195x
 - 2. Two coats gloss alkyd enamel, Rodda 7581841x Safety Yellow
Minimum Dry Thickness: 4.0 mils
- F. Pressure Treated Wood Ramps, Fences & Railings, Benches: Stain
 - 1. Two coats Alkyd, acrylic/urethane blend. SWF-SOLID Color Wood Finish. Mfr: Flood or approved.
- G. Clear Finished Glu-Lam Bench - Painted:
 - 1. Two coats McCloskey Man O' War Spar Marine Varnish # 80-7505 or approved.

END OF SECTION 09 90 00

DRAWINGS

GENERAL NOTES & SCOPE OF WORK FOR ALL SITES

GENERAL NOTES :

1. Photographs are intended to show typical paint assemblies and not all the areas of work.
2. Colors and manufacturers listed on drawings may differ from the paint product listed in Project Manual. Follow selected manufacturer's requirements should they exceed these minimums.
3. Do not paint pre-finished or aluminum sheet metal copings, flashings and cap metal at roof edges. Do not paint aluminum or vinyl window frames.
4. Clean aluminum and vinyl window frames and aluminum store front systems.
5. Sheet Metal Cleaning:
 - a. Pre-finished and Aluminum Cap Metal and Trims and at Roofs, Fascias and Gutters: Clean with mild detergent and buff to a uniform luster with a clean cloth.
 - b. Pre-finished Sheet Metal Siding: Soft power wash metal siding to minimize streaking patterns. Soft scrub siding with detergent and filibrated soft nylon bristle brush to remove dirt and debris.
 - c. Pre-finished Sheet Metal Roofs: Power Wash (low pressure, 800 psi Max) and soft scrub detergent with a filibrated soft nylon bristle brush entire roof surface to remove dirt, dust, mold, algae, and any foreign matter. Use low sudsing, non-abrasive dishwashing detergent or approved. Do not allow detergent to dry on roof. (Note, there are no pre-finished sheet metal roofs to be washed this project.)
6. Two connected bubbles on a picture denotes sheet metal to be cleaned or a paint surface be painted, or a combination of both. Everything shall be cleaned and painted.
7. Protect existing buildings and yards from damage and debris. Repair any damage to areas during work.
8. Remove and reinstall all wire baskets protecting speakers, etc. Remove and reinstall all mechanically fastened signage, graphics, etc, from walls, doors or surfaces to receive paint coatings or waterproofing.
9. Inspect, prepare for and re-caulk and seal at joint of dissimilar materials (window frames to walls, masonry, etc).
10. Paint tops and edges of doors, paint exposed edges of operable (hopper and awning) windows.
11. Prime and paint unpainted conduits, panel boxes and the like to match adjacent surfaces.
12. Prime and paint all unpainted downspouts.
13. Remove, prep, and paint both sides of any protective screens or grilles over doors, windows, etc.
14. Do not paint murals. Mask murals and graphics as req'd, cut tight to murals with appropriate trim or body paint colors per schedule.
15. **Paint masonry waterproofing sealer on all unpainted brick or masonry surfaces.**

SCOPE OF WORK :

1. The exterior surfaces, trims, louvers, railings and benches of the entire school buildings are to be preped, primed, and repainted unless noted otherwise. Paint all bollards, light poles, sign posts to match existing. **Do not paint any factory finished metal.**
2. All of building to be power washed. Refer to General Note No. 5 for all sites regarding washing sheet metal surfaces.
3. All roof top mechanical units, air vents, roof vents and other roof top protrusions are to be repainted, including unpainted galvanized units. Do not paint any pre-finished sheet metal skirts or assemblies on roof top surfaces. Permit no overspray onto roof surfaces or prefinished sheet metal skirts.
4. Apply full prime coat at heavily chalked areas of main body paint. Spot priming permitted at other areas.
5. Paint any ball walls, and other previously painted play equipment. Unpainted CMU ball walls receive water repellent.
6. **Do NOT power wash wood doors or allow tops or edges of wood doors to get wet.**



Facilities Management
School District 4J
Eugene Public Schools
715 W. Fourth Avenue
Eugene, Oregon 97402
541-790-7400

MULTISITE PAINTING 2020
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

GENERAL NOTES & SCOPE OF WORK

CIP # 260.XXX.724
DATE 4/7/20

SHEET

00

MADISON MIDDLE SCHOOL

GENERAL NOTES

Base Bid 1

1. Refer to General Notes for all Sites on Sheet 00.
2. Existing surfaces have numerous paint layers and are assumed to contain lead paint.

SCOPE OF WORK

1. Refer to Scope of Work for all Sites on Sheet 00.
2. Power wash, wire brush, degrease, or otherwise clean existing dumpster (No. 6 below), and paint finish, 1 coat primer, 2 coats finish. Color to match existing.
3. Paint waterproofing Sealer on all unpainted masonry surfaces.
4. Paint all previously painted elements on-site.
5. Verify all paints listed. This paint list is not inclusive. Provide draw down paint samples for approval for all of the paints used at each site, typ.

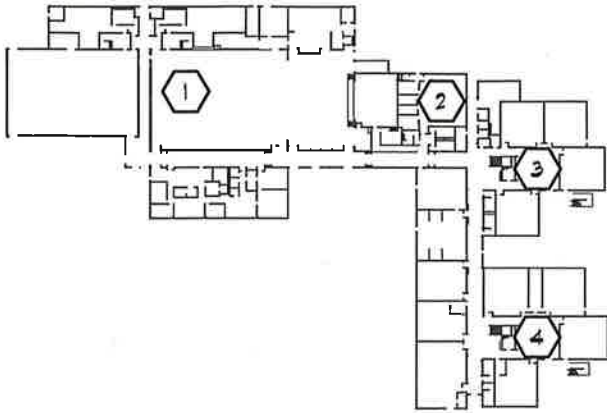
COLOR SCHEDULE (and Picture Legend):

<u>Mark</u>	<u>Paint Color</u>	<u>Finish</u>	<u>Mfr.</u>	<u>Typical Application</u>
1.	Dark Gray	Semi-gloss	Rodda #DO13G9017	Frame color
2.	Tan	Semi-gloss	Rodda # DO13G9015	Gutter color
3.	Light Gray	Semi-gloss	Rodda #DO13G9016	Door color
4.	No Paint	Clean Metal		At Prefinished Sht Mtl Flashings & Siding and Storefront Window Systems,
5.	Water Repellant	Clear		Unpainted Brick Surfaces
6.	Tan	Semi-gloss	ICI Alkyd 4308-0200 or Rodda Alkyd 74500x	Trash Compactor Components
7.	Silver	Gloss	ICI 4308-9020	Flag Pole and Support

SCOPE OF WORK at Madison

(In addition to sheet 00.)

1. Power wash all exterior surfaces including: walls; windows and window store front systems; soffits, fascias, gutters and entire sheet metal roof.
2. Soft wash metal siding to minimize streaking patterns.
3. Roof Top: Power wash (low pressure, 800 psi max) and soft scrub with a fibrated soft nylon bristle brush entire roof surface to remove dirt, dust, mold, algae, and any other foreign matter. Use low sudsing, nonabrasive dishwashing detergent or approved. Do not allow detergent to dry on roof.
4. Protect existing buildings and yards from damage and debris. Repair any damage to areas during work.
5. Photograph not **meant** to show all the areas of work.
6. Verify locations of staging areas with Owner.



MADISON MIDDLE SCHOOL 
NO SCALE



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Eugene Public Schools
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MULTISITE PAINTING 2020
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

MADISON MIDDLE SCHOOL

Base Bid 1

CIP # 260.XXX.724
DATE 4/7/20

SHEET

1A.1

CAL YOUNG MIDDLE SCHOOL

GENERAL NOTES

Base Bid 1

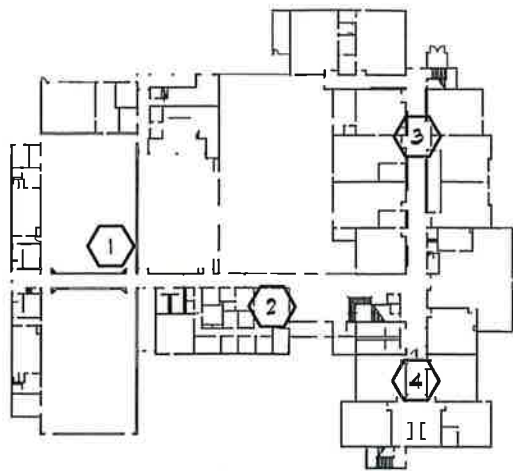
1. Refer to General Notes for all Sites on Sheet 00.
2. Existing surfaces have numerous paint layers and are assumed to contain lead paint.

SCOPE OF WORK

1. Refer to Scope of Work for all Sites on Sheet 00.
2. Power wash, wire brush, degrease, or otherwise clean existing dumpster (No. 6 below), and paint finish, 1 coat primer, 2 coats finish. Color to match existing.
3. Paint waterproofing Sealer on all unpainted masonry surfaces.
4. Paint all previously painted elements on-site.
5. Verify all paints listed. This paint list is not inclusive. Provide draw down paint samples for approval for all of the paints used at each site, typ.

COLOR SCHEDULE (and Picture Legend):

<u>Mark</u>	<u>Paint Color</u>	<u>Finish</u>	<u>Mfr.</u>	<u>Typical Application</u>
1.	Restful White	Semi-gloss	Rodda #DO13G9017	Frame color
2.	Tan	Semi-gloss	Rodda # DO13G9015	Gutter color
3.	Light Gray	Semi-gloss	Rodda #DO13G9016	Door color
4.	No Paint	Clean Metal		At Prefinished Sht Mtl Flashings & Siding and Storefront Window Systems,
5.	Water Repellant	Clear		Unpainted Brick Surfaces
6.	Tan	Semi-gloss	ICI Alkyd 4308-0200 or Rodda Alkyd 74500x	Trash Compactor Components
7.	Silver	Gloss	ICI 4308-9020	Flag Pole and Support



CAL YOUNG MIDDLE SCHOOL
NO SCALE

**SCOPE OF WORK at Cal Young:
(In addition to sheet 00.)**

1. Power wash all exterior surfaces including: walls; windows and window store front systems; soffits, fascias, gutters and entire sheet metal roof.
2. Soft wash metal siding to minimize streaking patterns.
3. Roof Top: Power wash (low pressure, 800 psi max) and soft scrub with a filibrated soft nylon bristle brush entire roof surface to remove dirt, dust, mold, algae, and any other foreign matter. Use low sudsing, nonabrasive dishwashing detergent or approved. Do not allow detergent to dry on roof.
4. Protect existing buildings and yards from damage and debris. Repair any damage to areas during work.
5. Photograph not ended to show all the areas of work.
6. Verify locations of staging areas with Owner.



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MULTISITE PAINTING 2020
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

CAL YOUNG MIDDLE SCHOOL

Base Bid 1

CIP# 260.XXX.724
DATE 4/7/20

SHEET

1B.1

KELLY MIDDLE SCHOOL

GENERAL NOTES at KELLY:

Base Bid 2

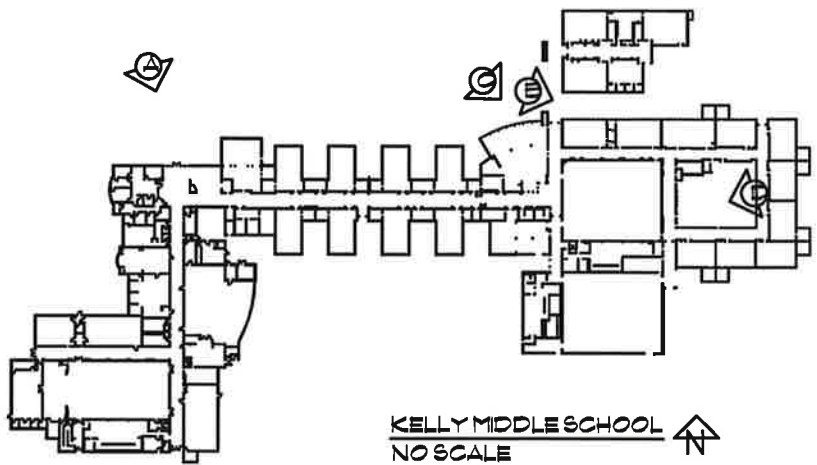
1. Refer to General Notes for all Sites on Sheet 00.
2. Existing surfaces have numerous paint layers and are assumed to contain lead paint.

SCOPE OF WORK at KELLY:

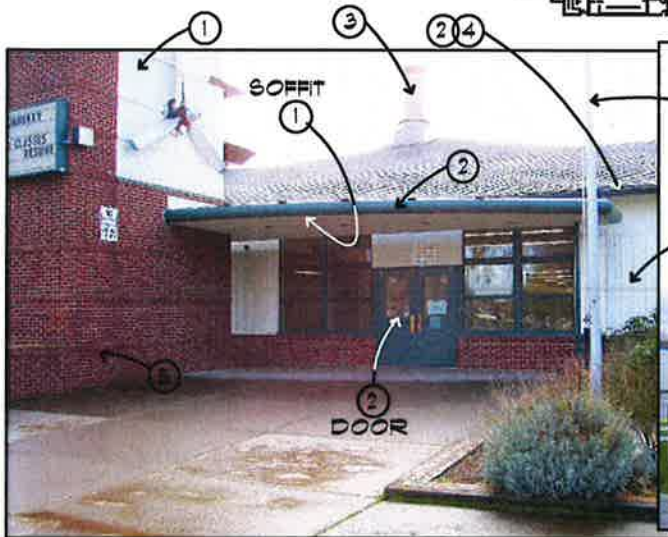
1. Refer to Scope of Work for all Sites on Sheet 00.
2. Power wash, wire brush, degrease, or otherwise clean existing dumpster (No. 6 below), and paint finish, 1 coat primer, 2 coats finish. Color to match existing.
5. **Verify all paints listed. This paint list is not inclusive. Provide draw down paint samples for approval for all of the paints used at each site, typ.**

COLOR SCHEDULE (and Picture Legend):

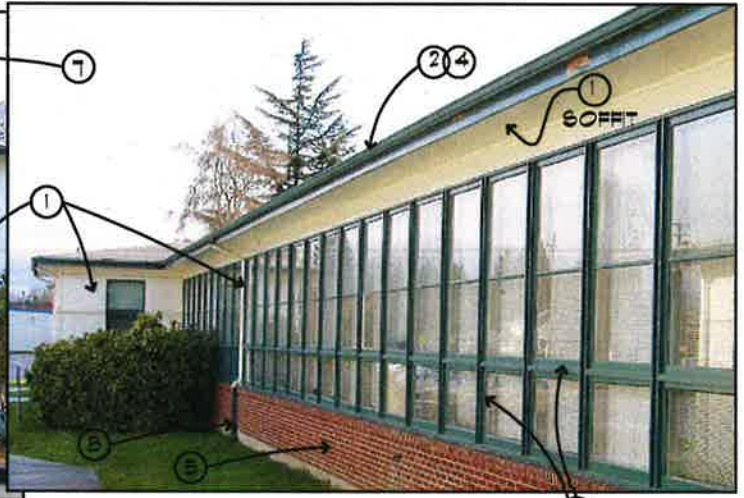
<u>Mark</u>	<u>Paint Color</u>	<u>Finish</u>	<u>Mfr.</u>	<u>Typical Application</u>
1.	Restful White	Semi-gloss	Rodda # WE-06-23046	Walls, Downspouts
2.	Ivy	Semi-gloss	Rodda # WE-97-0244	Doors, Window Trims, Cap Metal, Columns, Railings, Downspouts, Benches
3.	Parchment	Semi-gloss	Match Sheet Metal Color	Cap Metal, Roof Top Units and Vents, Downspouts & Boxes
4.	No Paint	Clean Metal		At Prefinished Sht Mtl Flashings & Siding and Storefront Window Systems,
5.	Water Repellant	Clear		Unpainted Brick Surfaces
6.	Tan	Semi-gloss	ICI Alkyd 4308-0200 or Rodda Alkyd 74500x	Trash Compactor Components
7.	Silver	Gloss	ICI 4308-9020	Flag Pole and Support
8.	Brick Color	Semi-gloss	Match Existing Brick Color	Downspouts Adjacent To Brick
9.	Safety Yellow	Gloss	ICI Alkyd 4308-9400 or Rodda 758184x	Bollards (White at Benches)



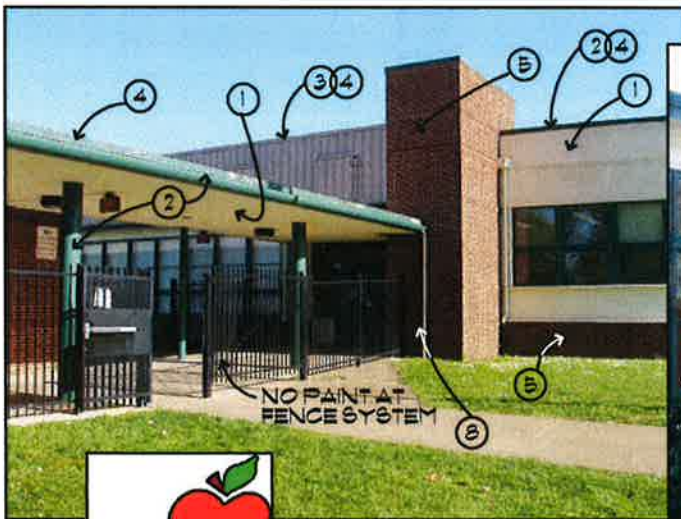
KELLY MIDDLE SCHOOL
NO SCALE



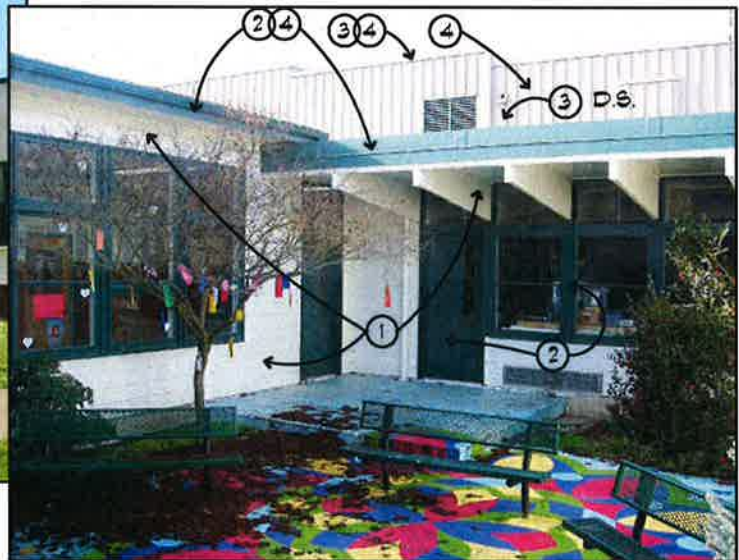
VIEW A



VIEW B



VIEW C



VIEW D



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MULTISITE PAINTING 2020
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

KELLY MIDDLE SCHOOL

Base Bid 2
CIP # 260.XXX.724
DATE 4/7/20
SHEET
2A.1

SHELDON HIGH SCHOOL

GENERAL NOTES at SHELDON:

Base Bid 2

1. Refer to General Notes for all Sites on Sheet 00.
2. Existing surfaces have numerous paint layers and are assumed to contain lead paint.

SCOPE OF WORK at SHELDON:

1. Refer to Scope of Work for all Sites on Sheet 00.
2. Power wash, wire brush, degrease, or otherwise clean existing dumpster (No. 5 below), and paint finish, 1 coat primer, 2 coats finish. Color to match existing.
3. **Verify all paints listed. This paint list is not inclusive. Provide draw down paint samples for approval for all of the paints used at each site, typ.**

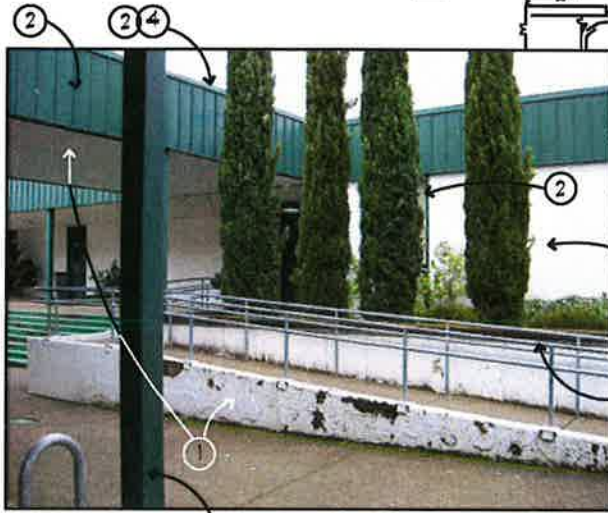
COLOR SCHEDULE (and Picture Legend):

Mark	Paint Color	Finish	Mfr.	Typical Application
1.	Snowdrift White	Semi-gloss	Rodda # DO-03252	CMU Walls, Soffits, Breezeway Ceilings, Downspouts
2.	Ivy	Semi-gloss	Rodda # WE-97-0244	Doors, Window Trims, Cap Metal, Columns, Railings, Downspouts, Benches
3.	Storm Grey	Semi-gloss	ICI # 774	Wall Feature Above Windows at Science Wing
4.	No Paint	Clean Metal		At Prefinished Sht Mtl Siding, Flashings, Storefront Window Systems
5.	Grey or Tan	Semi-gloss	ICI Alkyd 4308-0200 or Rodda Alkyd 74500x	Trash Compactor Components
6.	Light Grey	Semi-gloss	Rodda DO-07H2995	Roof Top Units and Vents
7.	Safety Yellow	Gloss	ICI Alkyd 4308-9400 or Rodda 758184x	Bollards (White at Benches)



PORTABLE BUILDINGS

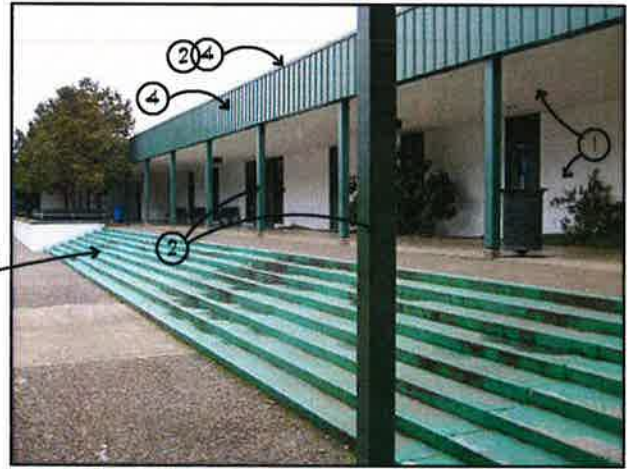
SHELDON HIGH SCHOOL
NO SCALE



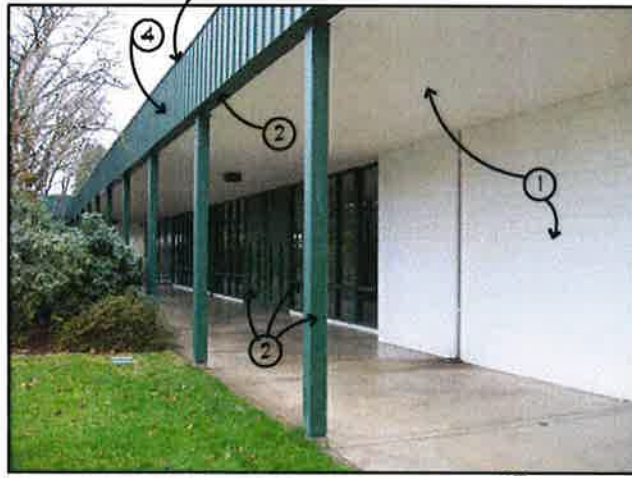
VIEW A

RAILINGS

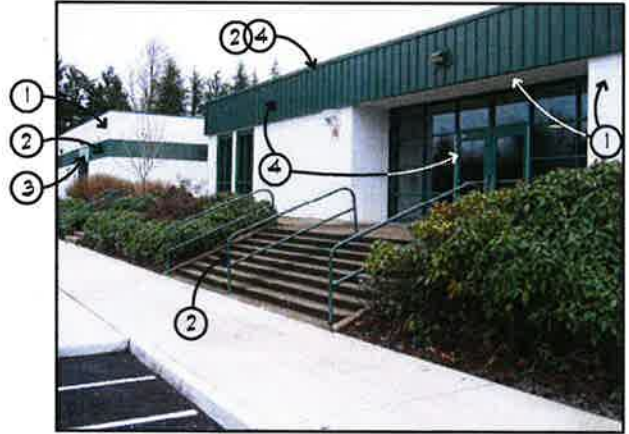
NO PAINT @ STEPS



VIEW B



VIEW C



VIEW D



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MULTISITE PAINTING 2020
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

SHELDON HIGH SCHOOL

Base Bid 2

CIP # 260.XXX.724
DATE 4/7/20

SHEET

2B.1

EDGEWOOD ELEMENTARY

GENERAL NOTES at Edgewood:

Base Bid 3

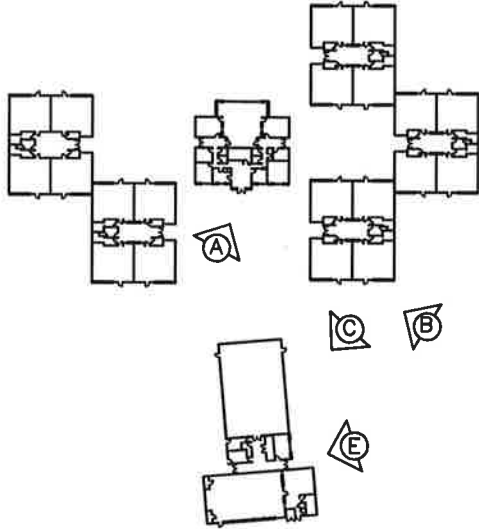
1. Refer to General Notes for all sites on Sheet 00
2. Existing surfaces have numerous paint layers and are assumed to contain lead paint. The last painting projects in 1992 and 2005 did not contain lead based paint.
3. Paint both sides of doors, door frames and sidelight frames.

SCOPE OF WORK at Edgewood:

1. Refer to Scope of Work for all sites on Sheet 00.
2. **Verify all paints listed. This paint list is not inclusive. Provide draw down paint samples for approval for all of the paints used at each site, typ.**

COLOR SCHEDULE (and Picture Legend):

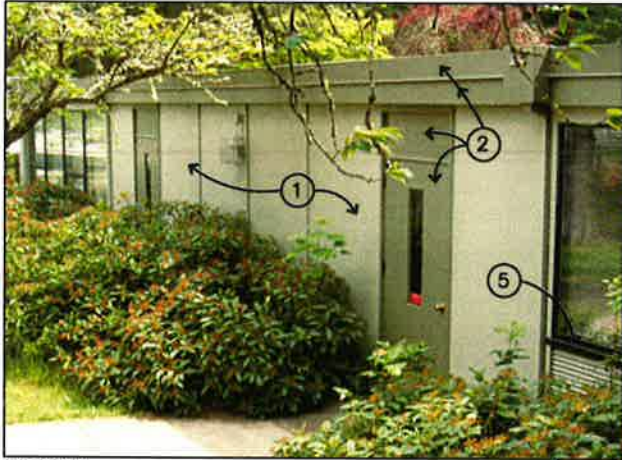
<u>Mark</u>	<u>Paint Color</u>	<u>Finish</u>	<u>Manufacturer</u>	<u>Typical Application</u>
1.	Light Green	Semi-gloss	Rodda # DO-05 2191	Walls and Trims, Alcoves
2.	Dark Green	Semi-gloss	Rodda # DO-05 2192	Walls, Doors (both sides), Trims, Columns, Railings, Basketball Stds.
3.	4J White	Semi-gloss	Rodda # WE-03 14357A	Interior: Lower Gym Walls
4.	Whisper White	Semi-gloss	Rodda # WE-05-21146	Interior: Upper Gym Walls, Ceiling and Trims. Exterior: Backflow Preventer Box
5.	No Paint	Clean Mtl.		Aluminum Window Frames
6.	Light Gray		Rodda # DO-07H2995	Rooftop Units and Vents
7.	Safety Yellow	Gloss	ICI Alkyd 4308-9400 Or Rodda 758184x	Bollards (White at Benches)
8.	Urethane	Clear		Clear Finished Doors, School Sign
9.	Silver	Gloss	ICI	Flag Pole and Support
10.	Stain - Ashlar		Flood Solid Color	Wood Bench



EDGEWOOD ELEMENTARY SCHOOL
NOT TO SCALE



VIEW A



VIEW B



VIEW C



VIEW E



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MULTISITE PAINTING 2020
EUGENE PUBLIC SCHOOL DISTRICT 4J - EUGENE, OREGON

EDGEWOOD ELEM. SCHOOL

Base Bid 3
CIP # 260.XXX.724
DATE 4/7/20
SHEET

3.1