

Client: Village of Oak Park
Project Name: Public Works Center Exterior Façade Repairs

Project No.: 24-127
Bid Due Date: Friday, July 12th, 2024 @ 10:00 a.m.
Project Manager: Vic Sabaliauskas
 Building Maintenance Superintendent

BID TAB WORKSHEET

Contractor	Base Bid Amount	Alternates (see descriptions below)				Total Bid Amount	EEO	Bid Bond
		Alt. No. 1	Alt. No. 2	Alt. No. 3	Alt. No. 4		M/W/DBE	
Midwest Services & Development midwestservices2010@gmail.com	\$139,000.00	\$39,000.00	\$73,000.00	\$22.00 / linear ft.	\$24,000.00	\$275,000.00	No	Yes
BP Construction and Remodelers, Inc. bogdan@bpremodelers.com	\$98,700.00	\$7,700.00	\$6,700.00	\$11.50 / linear ft.	\$3,500.00	\$116,600.00	No	Yes
Ampol Group International, Inc. jeff@ampolgroup.com	\$196,400.00	\$12,800.00	\$22,000.00	\$20.00 / linear ft.	\$4,600.00	\$235,800.00	WBE	Yes
YAD Construction LLC yadconstruction@yahoo.com	\$270,500.00	\$4,500.00	\$89,300.00	\$8.00 / linear ft.	\$9,800.00	\$374,100.00	MBE	Yes
Bee Liner Lean Services Mourad@Bee-Lean-Services.com	\$343,000.00	\$9,500.00	\$6,500.00	\$3.50 / linear ft.	\$12,500.00	\$371,500.00	No	Yes
Berglund Construction Company kberglund@berglundco.com	\$169,000.00	\$28,500.00	\$28,500.00	\$18.00 / linear ft.	\$11,500.00	\$237,500.00	No	Yes
J. Gill and Company darin@jgillandcompany.com	\$249,490.00	\$14,890.00	\$51,900.00	\$19.50 / linear ft.	\$14,000.00	\$330,280.00	No	Yes

Alternates Descriptions

Alt. No. 1: Painting of exterior exposed steel along north elevation.

Alt. No. 2: Cleaning of exposed TPO roof surface.

Alt. No. 3: Miscellaneous caulking of windows and metal coping: State the amount to be added as a unit price per linear foot to remove and replace joint sealants at the windows and metal copings per owner's directions.

Alt. No. 4: Scuppers, downspouts and cleaning. State the amount to be added to the base bid as a lump sum to provide three (3) scuppers, downspouts and cleaning to the façade at the salt dome roof.



Office of the Secretary of State
ilsos.gov

Business Entity Search

Entity Information

Entity Name	BP CONSTRUCTION AND REMODELERS INC.,		
File Number	66772349	Status	ACTIVE
Entity Type	CORPORATION	Type of Corp	DOMESTIC BCA
Incorporation Date (Domestic)	07-11-2008	State	ILLINOIS
Duration Date	PERPETUAL		
Annual Report Filing Date	06-04-2024	Annual Report Year	2024
Agent Information	BOGUSLAW PLAMITZER 3705 N ODELL AVE CHICAGO ,IL 60634	Agent Change Date	09-18-2014

Services and More Information

Choose a tab below to view services available to this business and more information about this business.

[Purchase Master Entity Certificate of Good Standing](#)

[Change of Registered Agent and/or Registered Office](#)

[Articles of Amendment Effecting A Name Change](#)

[Adopting Assumed Name](#)

**SECTION 00 91 01
ADDENDUM NUMBER 1**

DATE: JULY 9, 2024
PROJECT: PUBLIC WORKS FACADE IMPROVEMENTS
201 SOUTH BOULEVARD
OAK PARK, ILLINOIS 60302
PROJECT NO: 24-475-1536
OWNER: VILLAGE OF OAK PARK
201 SOUTH BOULEVARD
OAK PARK, ILLINOIS 60302
TO: PROSPECTIVE BIDDERS / PLANHOLDERS OF RECORD

THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE ORIGINAL BIDDING DOCUMENTS DATED MAY 15, 2024, WITH AMENDMENTS AND ADDITIONS NOTED BELOW.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

THIS ADDENDUM CONSISTS OF 2 PAGES, UPDATED BID FORM, AND DRAWINGS A330 AND A1200.

CHANGES TO INTRODUCTORY INFORMATION

1.01 CONTRACTOR QUESTIONS

Q1: Work item 7.920 remove and replace existing joint sealant between and below stone caps. I understand the head joints are being replaced. I am confirming the intent is to remove and replace both the roof side and the exterior side bed joints beneath the stone caps and replace with sealant at both sides? The photo details on A1200 point to the roof side bed joints.

A1: Yes both sides are required. We have updated the drawings to reflect this information and are included as part of this addendum.

Q2: Same item for head joints of these stones coping caps, where the metal rail is above the caps at the north wall, we are to remove and replace the exposed accessible portion of the sealant?

A2: Yes both sides are required. We have updated the drawings to reflect this information and are included as part of this addendum.

Q3: For Alternate No 2. Cleaning of the roof areas. There are two roofs not identified to be cleaned. Both are on the east half of the building, one is the small round roof and the other is the high roof system above the wood soffit/beams that are being cleaned/stained. Can you clarify if these roofs are to be included in Alternate No 2?

A3: These are to be included. We have updated the drawings to reflect this information and are included as part of this addendum.

Q4: Just confirming or looking for clarification, we are not to include and cleaning under the same alternate no 2. at any of the roof surfaces beneath the roof trays, roof pavers and apiaries?

A4: Cleaning under these items not required and are to remain in place.

Q5: Will the City allow us to utilize man lifts either in the road/curb lane or on the sidewalk to access the north elevation repairs?

A5: Yes, contractor will need to coordinate with Owner and Village for proper signage and barricade requirements.

1.02 CHANGES TO BIDDING REQUIREMENTS

REQUEST FOR BIDS, SECTION IV BID FORM PRICING

- A. Replace Section IV Bid Form (Pricing) - Revised Addendum Number 1.
- B. This revised bid form includes the added Alternate #3 and #4 information.

1.03 CHANGES TO THE DRAWINGS

DRAWING A330 - ROOF PLAN

- A. Delete the Drawing in its entirety and replace with the revised Drawing A330 - Roof Plan. Refer to Revision 1.

1.04 DRAWING A1200 - PHOTO DETAILS

- A. Delete the Drawing in its entirety and replace with the revised Drawing A1200 - Photo Details. Refer to Revision 1.

CHANGES TO SPECIFICATIONS

2.01 SECTION 00 31 13 - PRELIMINARY SCHEDULE

- A. Under Article 1.02 PRELIMINARY SCHEDULE:
 - 1. Delete Paragraph A, B and C and replace with the following:
 - A. Award of Contract: August 27, 2024 [Addendum No. 1]**
 - B. Award of Contract: September 3, 2024 [Addendum No. 1]**
 - C. Award of Contract: November 15, 2024 [Addendum No. 1]**

2.02 SECTION 01 23 00 - ALTERNATES

- A. Under Article 1.04 SCHEDULES OF ALTERNATES:
 - 1. Add new Paragraph C and D as follows:
 - "C. Alternate No. 3 - Miscellaneous caulking of windows and metal coping: State the amount to be added as a unit price per linear foot to remove and replace joint sealants at the windows and metal coping per Owner direction. [Addendum No. 1]"**
 - "D. Alternate No. 4 - State the amount to be added to the Base Bid to provide scuppers and downspouts and cleaning of the facade at the salt dome curved roof structure. [Addendum No. 1]"**

END OF DOCUMENT

SECTION IV
BID FORM (Pricing) – REVISED ADDENDUM NUMBER 1

NAME: BP Construction and Remodelers, Inc.
ADDRESS: 3705 N Odell Ave
CITY: Chicago ZIP: 60634
PHONE: (773)-406-5369 FAX: ()-
E MAIL: bogdan@bpremodelers.com

TO: Village of Oak Park
Public Works Department
201 South Blvd
Oak Park, IL 60302

Attn: Vic Sabaliauskas, Building Maintenance Superintendent

1. **BASE BID**

The Undersigned, having inspected the construction site and having familiarized themselves with the conditions likely to be encountered affecting the cost and schedule of the Work, and having thoroughly familiarized themselves with the Bidding Documents; hereby proposes to provide all labor, material, tools, equipment, utilities, transportation, supervision and services required for the proper execution of the entire Work required, in strict accordance with the Contract Documents for the **Village of Oak Park Public Works Center Exterior Façade Repairs** work prepared by Kluber, Inc. for the Total Bid Amount listed below:

TOTAL BASE BID AMOUNT: \$ 98,700.00
Ninety eight thousand, seven hundred and zero cents Dollars

and, if this proposal is accepted, agrees to execute a formal Contract subject to modifications as may be exercised by the Owner (Village of Oak Park) under alternate proposals.

2. **SELF PERFORMING WORK**

If the bidder intends to self-perform one or more major trade of work such as carpentry, masonry, mechanical, electrical, or plumbing, indicate trade(s) here:

3. **ALTERNATE PROPOSALS**

Alternate No. 1 - Painting of exterior exposed steel along North elevation. See Sheet A700.

Price for Alt. #1 \$ 7,700.00

Alternate No. 2 - Cleaning of existing TPO roof surface. See Sheet A330.

Price for Alt. #2 \$ 6,700.00

Alternate No. 3 – Miscellaneous caulking of windows and metal coping:

State the amount to be added as a Unit Price per linear foot to remove and replace joint sealants at the windows and metal copings per Owner directions.

Price for Alt. #3 \$ 8,000.00

Alternate No. 4 – Scuppers, downspouts and cleaning. State the amount to be added to the Base Bid as a Lump Sum to provide three (3) scuppers, downspouts and cleaning to the façade at the salt dome roof.

See Sheets A330 and A1200.

Price for Alt. #4 \$ 3,500.00

4. UNIT PRICES – See Alternate No. 3 above.
5. UNDERSTANDING: The Undersigned in submitting this proposal agrees to the following:
 - a. Not to withdraw their proposal for a period of 60 days after the date of the Bid Opening.
 - b. To enter into and execute a Contract, if same is awarded to them on the basis of this Proposal, and to furnish Contract Bonds, within ten (10) days of a written "Notice to Proceed".
 - c. To construct the Work in accordance with the intent of the Contract documents.
 - d. That the owner reserves the right to reject any and all Bids and to waive irregularities in the Bidding, and to award the contract in its best interest.
 - e. That any alterations to this Bid Form will result in disqualification of the Bid.
 - f. To hold open all provided alternate prices for a period of 60 days after contract execution.
6. CONTRACT DOCUMENTS: The Undersigned acknowledges the following documents as the basis for their proposal:
 - a. Instructions to Bidders.
 - b. Agreement: AIA Document A101, 2017 Edition by reference.
 - c. The General Conditions of the Contract for Construction, AIA Form A201, 2017 Edition by reference.
 - d. Supplementary General Conditions.
 - e. Project Manual, dated 5/15/24, including all Divisions and Sections of the Specifications.

- f. Drawings indexed on Sheet T-1 of the Drawings, all dated 5/15/24.
- g. Addenda: The undersigned further acknowledges receipt of Addenda as listed below and represents that any additions to, modifications of, or deletions from the Work specified, as called for in these Addenda, are included in the Base Bid Sum and the Alternates.

<u>ADDENDUM NO.</u>	<u>DATE</u>
1	7/9/2024

(NOTE: If no Addenda have been received, write "NONE".)

- 7. **BID SECURITY:** The undersigned shall attach to this Form of Proposal a Bid Bond, in an amount not less than 10% of the Base Bid amount, payable to the Village of Oak Park which is agreed will be forfeited to the City Council if the undersigned fails to execute the Standard Form of Owner/Contractor Agreement (AIA Document A-101, 2017 Edition), as modified herein as modified herein by the Supplementary Conditions and General Conditions of the Contract for Construction (AIA Document A201, 2017 edition), as modified herein by the Supplementary Conditions, and which is hereby made a part of this Contract Document by reference, and furnish evidence of their ability to become bonded and provide insurance coverage as specified, within five days after Owner's notification of the intent to award the contract to the undersigned.
- 8. In signing and submitting this bid, the undersigned certifies that all materials and construction to be provided are as specified in the proposed Contract Documents.
- 9. **TIME OF COMPLETION:** If awarded the Contract for Construction, the Bidder agrees to complete all work for the Owner's occupancy on or before the following dates:
 - a. Commence Construction Work on site: On or before August 5, 2024
 - b. Substantial Completion of Work: October 18, 2024
 - c. Final Completion of Work: October 31, 2024
- 10. **TAX EXEMPTION:** The Owner is exempt from the Illinois Sales and Use tax as an Illinois governmental unit. The Bidder shall exclude such taxes from consideration in preparing their bid.
- 11. **ADDRESS, LEGAL STATUS AND SIGNATURE OF BIDDER**

- a. The Undersigned hereby designates the address given below as the legal address to which all notices, directions, or other communications may be served or mailed.

Name of Firm or Joint Venture: BP Construction and Remodelers Inc

Street Address: 3705 N Odell AVE

City: Chicago

State: IL

Zip: 60634

Telephone: 773-510-2502

- b. The Undersigned hereby declares that the Bidder has the legal status indicated below.

- 1) If a partnership, give full names of all partners:

SECTION I
REQUEST FOR BIDS
INSTRUCTIONS AND SPECIFICATIONS FOR:

Village of Oak Park Public Works Center Exterior Façade Repairs
Bid Number: 24-127
Issuance Date: 5/29/2024

The Village of Oak Park will receive proposals from qualified contractors to complete repairs to various exterior features of the Public Works Center located at 201 South Blvd., Oak Park, IL 60302. Proposals will be accepted at the Public Works Center Monday through Friday, 7:30 a.m. to 4:00 p.m. local time until **10:00 a.m. on Friday, July 12th, 2024**. Proposals may also be sent via e-mail to vics@oak-park.us. Proposals will be reviewed and the results of the review will be presented to the Village of Oak Park Board of Trustees.

There will be a mandatory pre-bid meeting at the Public Works Center, located at 201 South Blvd., Oak Park, IL on Wednesday, June 5th, 2024 at 10:00 a.m. Prospective bidders are encouraged to attend the pre-bid meeting to inspect site conditions and obtain other pertinent information about the scope of work.

Specifications and bid forms may be obtained at <http://www.oak-park.us/bid> or at the Public Works Center at the address listed above or by calling 708-358-5700.

The Village of Oak Park Board of Trustees reserves the right to accept or reject any and all bids or to waive technicalities, or to accept any item of any bid. Information is available from the Building Maintenance Superintendent, Vic Sabaliauskas at 708-358-5710 or vics@oak-park.us.

Do not detach any portion of this document. Upon formal award to the successful bidder, a written agreement will be executed for the Project in substantially the form attached.

Submission of Bids

The bid shall be submitted on the bid form included herewith. The bid shall be submitted in a sealed envelope marked "BID: 24-127 Village of Oak Park Public Works Center Exterior Façade Repairs", shall bear the return address of the bidder, and shall be addressed as follows:

TO: Vic Sabaliauskas
Building Maintenance Superintendent
Department of Public Works
201 South Blvd.
Oak Park, IL 60302

SECTION II
BID INSTRUCTIONS, TERMS AND CONDITIONS

Preparation and Submission of Bid

All bids must be delivered to the Public Works Center by the specific time indicated on the cover page. Bids arriving after the specified time will not be accepted. Mailed bids that are received by the Village after the specified hour will not be accepted regardless of the post-marked time on the envelope. Bids must be signed by an officer of the company who is authorized to enter into agreements on behalf of the company. Bids shall be sealed in an envelope and marked as stated on the cover page.

Bid Bond

The Bidder shall provide a bid bond in the amount of ten percent (10%) of the total bid price. The attached form may be used or the bidder may provide cash or a certified check in the amount specified. Bid bond amounts shall be based on all proposed work where estimated amounts have been provided by VOP. Do not include unit price amounts where work is "On-Demand" or "As Required". The bid bonds, cash or checks will be returned once the selected bidder has entered into an Agreement for this work and provided the contract bond in the amount of 100% of the total contract cost.

Contract Bond

The successful bidder shall, within ten (10) calendar days after award of the bid, furnish a contract bond in the amount of 100% of the total contract cost. The bond shall ensure faithful performance of the work, and the payment for materials, labor and of the subcontractors. The bond shall be with a surety or sureties with a rating of "A" or better by A.M. Best and Company and such sureties shall be approved by VOP. Bonds in the form of certified or cashier's check shall be made payable to the Village of Oak Park. The contract bond shall be furnished in the same number of copies as the number of copies of the Agreement to be executed. See section XII for a sample copy of the contract bond.

Contract Term

The initial contract term shall be from the date of award to October 31, 2024. The Village has the right to extend the contract term if a contract extension is warranted. The bidder shall commence work for the Project within fourteen (14) days of receipt of a notice to proceed from the Director of Public Works or the Building Maintenance Superintendent or his/her designee. All work shall be completed in accordance with the detailed specifications set forth herein unless the Director of Public Works or the Building Maintenance Superintendent grants an extension.

Recertification

If the Village extends the contract for any period of time, the bidder shall provide the Village with a renewed certification in the form in Section V indicating that it continues to be eligible to contract with units of local government. If a contractor or subcontractor is not able to certify that it continues to meet all requirements, it shall provide a detailed explanation of the circumstances leading to the change in certification status.

Award of Agreement

The Agreement will be awarded in whole or in part to the responsible bidder whose bid, conforming to the request for bids, will be most advantageous to the Village; price and other factors considered.

Costs of Preparation

The Village will not be responsible for any expenses incurred in preparing and submitting a bid or entering into the applicable Agreement.

Taxes not Applicable

The Village of Oak Park, as an Illinois municipality, pays neither Illinois Sales Tax nor Federal Excise Tax (State Tax Exemption Identification Number VOP - E9998-1823-06 and PDOP – E9997-9934-07). Contractors should exclude these taxes from their prices.

Withdrawal of Bids

Any contractor may withdraw its bid at any time prior to the time specified in the advertisement as the closing time for the receipt of bids, by signing a request therefore. No contractor may withdraw or cancel its bid for a period of sixty (60) calendar days after the advertised closing time for the receipt of bids. The successful contractor may not withdraw or cancel its bid after having been notified that the bid was accepted by the VOP.

Investigation of Contractors

The VOP will make such investigations as are necessary to determine the ability of the contractor to fulfill bid requirements. If requested, the contractor should be prepared to present evidence to the VOP of ability and possession of necessary facilities and financial resources to comply with the terms of the attached specifications and bids. In addition, the contractor shall furnish the VOP with any information the VOP may request, and shall be prepared to show completed work of a similar nature to that included in its bid. The VOP reserves the right to visit and inspect the premises and operation of any contractor.

Rejection of Contractor

The VOP will reject any bid from any person, firm or corporation that appears to be in default or arrears on any debt, agreement or the payment of any taxes. The VOP will reject any bid from a contractor that failed to satisfactorily complete work for the VOP under any previous agreement.

Conditions

Contractors are advised to become familiar with all conditions, instructions and specifications governing the work. Contractors shall be presumed to have investigated the work site, conditions and scope of the work before submitting a bid.

Compliance with Applicable Laws

The bidder will strictly comply with all ordinances of the VOP and Village Code and laws of the State of Illinois.

Governing Law

All agreements entered into by the VOP are governed by the laws of the State of Illinois without regard to conflicts of law. Any action brought to enforce an agreement with the VOP must be brought in the state and federal courts located in Cook County, Illinois.

Subletting of Agreement

No agreement awarded by the VOP shall be assigned or any part sub-agreement without the written consent of the Village or as noted in the contractor's bid. In no case shall such consent relieve the contractor from its obligations or change the terms of the Agreement.

Interpretation of Agreement Documents

Any contractor with a question about this bid may request an interpretation thereof from the VOP. If the VOP changes the bid, either by clarifying it or by changing the specifications, the VOP will issue a written addendum, and will email a copy of the addendum to all prospective bidders. The VOP will not assume responsibility for receipt of such addendum. In all cases, it will be the bidder's responsibility to obtain all addenda issued. Bidders will provide written acknowledgment of receipt of each addendum issued with the bid submission.

Minority Business and Women Business Enterprise Requirements

The VOP, in an effort to reaffirm its policy of non-discrimination, encourages the efforts of contractors and subcontractors to take affirmative action in providing for Equal Employment Opportunity without regard to race, religion, creed, color, sex, national origin, age, handicap unrelated to ability to perform the job or protected veteran's status.

Licenses

The contractor shall be responsible for becoming a licensed contractor in the Village of Oak Park.

Agreement

The selected bidder shall enter into an Agreement with the Village of Oak Park to complete the Project in a form substantially similar to the Agreement attached hereto. The Agreement shall be executed by the contractor and returned, together with the contract bond within ten (10) calendar days after the Agreement has been issued to the contractor. The contractor shall execute three copies of the Agreement. One fully executed copy will be returned to the contractor. See Section XIII for a sample copy of the agreement.

Fees and Cost

In the event any action is brought to enforce any agreement entered into by the VOP, or to collect any unpaid amount from the VOP, each party bears the responsibility of paying its own attorneys' fees and costs.

Dispute Resolution

The VOP does not agree to the mandatory arbitration of any dispute.

Village of Oak Park Logo or Likeness Use

The official logo of the Village of Oak Park is not to be used in any form. Use of the Village logo is strictly prohibited by law and such use could subject the proposer to disqualification or termination of contract.

Living Wage/Minimum Wage

See Section XIII – Agreement.

Hold Harmless

See Section XIII - Agreement.

Insurance

See Section XIII - Agreement.

Termination of Agreement

See Section XIII - Agreement.

SECTION III
GENERAL SPECIFICATIONS

Scope of Work

The Village of Oak Park is seeking bids from qualified contractors to repair various deficiencies to select exterior façade features at the Public Works Center. See detailed specifications and design documents/drawings as prepared by the firm of Kluber, Inc.

Responsibility of Contractor

The selected contractor shall furnish all labor, supervision, tools, equipment, materials and supplies, and other means necessary for performing and completing the work, including debris hauling, and shall obtain and pay for any required permits (permit fees to be waived by VOP).

Extent of Services, Alterations, Omissions and Extra Work

The VOP reserves the right to award the contract to the lowest qualified and responsible bidder.

The Village reserves the right to increase or decrease the quantity of any item or portion of the work, or to omit portions of the work as may be deemed necessary.

Workers

The contractor shall employ competent laborers and shall replace at the request of the Director of Public Works or the Building Maintenance Superintendent any incompetent, unfaithful, abusive or disorderly workers in their employ. Only workers expert in their respective branches of work shall be employed where special skill is required. Inappropriate behavior or examples of unproductive work effort will not be tolerated. The Village has the right to require a contractor's employee to be immediately removed from the work crew if the above behavior is exhibited.

Time of Work

Bidder shall only work on weekdays, (Monday through Friday), from 7:30 a.m. to 4:00 p.m. No work will be allowed on weekends or on legal holidays as recognized by the Village, except as authorized by the Director of Public Works or the Building Maintenance Superintendent.

Method of Payment

The Village will pay monthly, all undisputed invoices within 30 days of approval as provided in the Local Government Prompt Payment Act, 50 ILCS505/4. The maximum interest rate for any payment not made within 30 days of approval is 1%.

Standard of Care

The contractor shall endeavor to perform the work for the Project with the same skill and judgment which can be reasonably expected from similarly situated firms or entities.

The contractor shall comply with all federal, state, and local statutes, regulations, rules, ordinances, judicial decisions, and administrative rulings applicable to its performance under this Agreement as applicable, including, but not limited to, Cook County's minimum wage and sick leave ordinances, respectively Cook County Ordinance Number 16-5768 and Cook County Ordinance Number 16-4229, and the Village's Living Wage Ordinance, Village of Oak Park Ordinance Number 16-093, codified as Section 2-6-20 of the Village Code, all as amended. Current copies attached as exhibit A.

The contractor shall ensure that the work for the Project is performed and completed in accordance with all applicable statutes, ordinances, rules, and regulations, including, but not limited to, the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on race, color, religion, sex, national origin, ancestry, age, order of protection status, marital status, physical or mental disability, military status, sexual orientation, or unfavorable discharge from military service or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 *et seq.*, and the Illinois Human Rights Act, 775 ILCS 5/1-101 *et seq.* The Contractor shall also comply with all conditions of any federal, state, or local grant received by the Village or the contractor with respect to this Agreement.

Certified Payroll

Contractor shall be solely responsible to maintain accurate records reflecting its payroll for its employees who perform any of the work for the Village pursuant to this contract and shall submit certified payroll records to the Village's Director of Public Works or the Building Maintenance Superintendent at any time during the term of this contract. Contractor shall provide said certified payroll records within seven (7) days upon the request of the Director of Public Works or the Building Maintenance Superintendent.

Change Orders

Change Orders: Changes in the work may be agreed to after execution of the Agreement, and without invalidating the Agreement, if the change order is in writing and signed. Any changes to

the scope of work which result in an increase in the agreement price will be subject to an agreement addendum which must be signed by both parties. Any such change order will be prepared by the Village or the Village's consultant (Kluber, Inc.). The Contractor may only proceed with the change upon receipt of the written change order signed by the Village.

Emergency Changes: Contractor may perform work not included in the Scope of Work if necessary to remedy a condition that poses an immediate threat to persons or property. Work of this nature shall be carried out only to the extent of bringing the condition under control. The Village shall be notified immediately. A change order will then be negotiated and executed for the work performed, and for work remaining, if any.

Minor Changes (Field Orders): The Village may verbally authorize minor changes in the Scope of Work in order to prevent a delay in the progression of the work. These field orders may not involve a change in the agreement price or be inconsistent with the Scope of Work.

Changes Due to Unknown Conditions: The contractor is not responsible for changes in the work that are due to conditions that were not reasonably observable or conditions that have changed. In such cases, the contractor shall notify the Village and a change order will be negotiated.

Any change which results in a total agreement price in excess of \$10,000 must be approved by the Village of Oak Park Board of Trustees.

Correction of Work Prior To Final Payment

The Village has the right to stop work if the contractor fails to carry out the work in a manner acceptable to the Village. If the Village deems the contractor's work unacceptable, at the Village's election, the contractor shall do one of the following:

1. Promptly repair or replace the defective work, without expense to the Village, including costs associated with repairing any damage to property caused by the replacement work; or;
2. If the Village deems it unacceptable to have the contractor correct work which has been incorrectly done, a deduction from the agreement price shall be made based on the costs to the Village to have the work repaired. Such a deduction from the agreement price shall in no way affect the Village's other remedies or relieve the contractor from responsibility for defects and related damage occurring as a result of defective or unacceptable work.

Bidder's Representative

The bidder shall have at all times a competent foreman or superintendent on the job that shall have full authority to act for the bidder, and to receive and execute orders from the Director of Public Works or the Building Maintenance Superintendent or appointed representative. Any instructions given to such superintendent or person executing work for the bidder shall be binding on the bidder as though given to him personally. Bidder's representative must be proficient in the use and interpretation of the English language.

Dispute Resolution

All disputes, including collection disputes, shall be brought in the Circuit Court of Cook County, Illinois. This agreement shall be interpreted in accordance with the laws of the State of Illinois. In any dispute resolution process, each party shall bear its own costs, including attorney's fees. Any purported agreement between the parties that states terms contrary to this paragraph M will be deemed per se invalid.

Reporting Requirements

The following forms must be completed in their entirety, notarized and included as part of the bid document. Failure to respond truthfully to any question on the list or failure to cooperate fully with further inquiry by the Village will result in disqualification of your bid.

Detailed Specifications:

1. Location of Work for the Project

The location of the work is known as: Village of Oak Park Public Works Center, 201 South Blvd., Oak Park, Illinois, 60302.

2. Property Damage

The bidder shall take great care to avoid damaging any and all Village-owned materials, supplies, equipment, and adjacent landscaping (trees, shrubs, turf, etc. if any exterior work is required). Bidder shall be held responsible for all damage to VOP property. All damage will be the responsibility of the bidder to repair to its original condition and to the satisfaction of the Village.

3. Idling of Equipment

The Department of Public Works has a "No Idling" policy. A copy of the policy is available from the Department of Public Works if needed. The bidder is expected to adhere to this policy as they are an extension of the Public Works Department staff.

4. Periodic Inspection

Upon request the contractor must provide the location of crews working within the Village. The Director of Public Works or the Building Maintenance Superintendent or his/her representative will periodically inspect the work and will always be available should any problems arise. The Director of Public Works and Building Maintenance Superintendent can be contacted at 708-358-5700.

5. Obstruction of Streets and Rights-of-Way

The bidder shall arrange to keep sidewalks and streets open for traffic when possible, and to block portions of the streets only when deemed necessary to protect private property.

The bidder shall remove all surplus materials and debris from the streets as the work progresses so that the public may have the use of the streets a maximum amount of time. Bidder is to erect appropriate warning signs and furnish adequate barricades that identify the work zone for the motoring public and pedestrians.

If street closure is necessary to facility any work the contractor must call Public Works at 708-358-5700 before closure and after opening the street so Village staff can alert police, fire, and regional transit of the closure.

6. Accident Prevention

The bidder shall exercise every precaution at all times for the protection of the persons and properties. The safety provisions of all applicable laws and ordinances shall be strictly observed. Any practice obviously hazardous in the opinion of the Director of Public Works or the Building Maintenance Superintendent or authorized representative shall be immediately discontinued by the bidder upon their receipt of instructions from the Director of Public Works or the Building Maintenance Superintendent, or authorized representative, to discontinue such practice.

The bidder shall abide by all applicable laws, standards, and regulations that apply to the completion of the work, including EPA and OSHA safety standards and regulations.

7. Motorized Equipment

Under no circumstances shall any motorized equipment be permitted to be driven on the private property or driveways without prior authorization from the resident and the Director of Public Works or the Building Maintenance Superintendent while performing work under the provisions of this contract. Plywood or other support or protection must be placed on the parkway and/or private property prior to operating or parking vehicles or equipment on or over such property or other support or protection must be placed on the private property prior to operating or parking vehicles or equipment on or over private property.

8. Parking

No off-street parking for equipment shall be provided for by the Village on any of the Village public properties except as may be designated by the Director of Public Works or the Building Maintenance Superintendent.

9. Traffic Control Plan

Bidder's item of work shall include furnishing, installing, maintaining, replacing, relocating and removing all traffic control devices used for the purpose of regulating, warning or directing traffic during work.

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these Special Provisions, and any special details and Highway Standards contained herein and in the plans.

The governing factor in the execution and staging of work for their contract is to provide the motoring public with the safest possible travel conditions near the work

zone. The bidder shall arrange their operations to keep the closing of any traffic lane(s) of the roadway to a minimum.

10. Pedestrian Traffic Control

While work is taking place, the bidder shall block off the sidewalk to pedestrian traffic immediately adjacent to the work site if there is a reasonable concern of harm to pedestrians.

11. Operations of the Public Works Department

While work is taking place, contractor shall make every effort not to interfere with the operations of the VOP Public Works Department. If any work is excepted to interrupt or interfere with Public Works Dept. operations, contractor shall immediately notify the Public Works Director or Building Maintenance Superintendent and shall not commence with the work until agreed upon provisions are established and can be carried out.

Additional Detailed Specifications:

1. Inspection and Project Meetings

The Director of Public Works, Building Maintenance Superintendent or his/her designee will inspect the work daily and shall be available should any problems arise. The project supervisor should expect to meet with the Director of Public Works, Building Maintenance Superintendent or his/her designee as requested to discuss the past work completed and upcoming issues.

The Director of Public Works or Building Maintenance Superintendent may appoint a consultant to oversee the daily work and progress of this contract. In those cases, all issues related to the contract shall be run through the consultant.

2. Resident Vehicle Parking Issues

It shall be the bidder's responsibility to ensure the proposed work area each day is clear of vehicles. The Village will provide a limited number of VOP parking passes for the contract, but it will be the responsibility of the bidder to place the parking passes in worker's vehicles each day for the next day's work. Special attention should be paid to areas around schools and multi-unit dwellings to minimize impact to the residents. While the Village has an overnight parking ban, that cannot be relied on to provide clear streets. The Village will not assist the bidder with contacting residents or vehicle relocation if they have not properly posted parking restrictions.

3. Removal of Debris

All debris from work completed shall be removed from the site and from the Village of Oak Park the same business day debris has been created, unless authorized by Director of Public Works, Building Maintenance Superintendent or his/her designee. No onsite or Village owned areas will be designated as debris storage

areas. Payment for removal and disposal of debris is to be included in the total contract cost.

Under no circumstances shall debris be left on the parkway or street over weekends or holidays. In addition, keeping debris off the street and parkway areas and out of the gutters prevents the debris from entering and plugging the sewer system. Environmentally accepted practices of debris disposal are also an important part of this work.

4. Reporting and Punch Lists

The bidder is responsible for keeping the Village updated on its work on a daily basis. The Village requires that the bidder provide a proposed and actual work schedule for each week of the contract. These records must be submitted to the Building Maintenance Superintendent via email each Monday. The report will include the proposed work to be completed at the Public Works Center station for the week and an actual work completed report.

The Building Maintenance Superintendent or the Village's consultant will review the completed work and provide a punch list for work that has not met the specifications of the contract. The bidder will not be paid for punch list related work until the associated punch list items have been addressed and confirmed complete.

SECTION IV
BID FORM (Pricing)

NAME: BP Construction and Remodelers Inc.
ADDRESS: 3705 N. Odell Avenue
CITY: Chicago, IL ZIP: 60634
PHONE: (773)- 406-5369 FAX: ()-
E_MAIL: bogdan@bpremodelers.com

TO: Village of Oak Park
Public Works Department
201 South Blvd
Oak Park, IL 60302

Attn: Vic Sabaliauskas, Building Maintenance Superintendent

1. BASE BID

The Undersigned, having inspected the construction site and having familiarized themselves with the conditions likely to be encountered affecting the cost and schedule of the Work, and having thoroughly familiarized themselves with the Bidding Documents; hereby proposes to provide all labor, material, tools, equipment, utilities, transportation, supervision and services required for the proper execution of the entire Work required, in strict accordance with the Contract Documents for the **Village of Oak Park Public Works Center Exterior Façade Repairs** work prepared by Kluber, Inc. for the Total Bid Amount listed below:

TOTAL BASE BID AMOUNT: \$ 98,700.00
Ninety Eight Thousand Seven Hundred Zero Cents Dollars

and, if this proposal is accepted, agrees to execute a formal Contract subject to modifications as may be exercised by the Owner (Village of Oak Park) under alternate proposals.

2. SELF PERFORMING WORK

If the bidder intends to self-perform one or more major trade of work such as carpentry, masonry, mechanical, electrical, or plumbing, indicate trade(s) here:

3. ALTERNATE PROPOSALS

Alternate No. 1 - Painting of exterior exposed steel along North elevation. See Sheet A700.

Price for Alt. #1 \$ 7,700.00

Alternate No. 2 - Cleaning of existing TPO roof surface. See Sheet A330.

Price for Alt. #2 \$ 6,700.00

4. UNIT PRICES - NONE
5. UNDERSTANDING: The Undersigned in submitting this proposal agrees to the following:
- a. Not to withdraw their proposal for a period of 60 days after the date of the Bid Opening.
 - b. To enter into and execute a Contract, if same is awarded to them on the basis of this Proposal, and to furnish Contract Bonds, within ten (10) days of a written "Notice to Proceed".
 - c. To construct the Work in accordance with the intent of the Contract documents.
 - d. That the owner reserves the right to reject any and all Bids and to waive irregularities in the Bidding, and to award the contract in its best interest.
 - e. That any alterations to this Bid Form will result in disqualification of the Bid.
 - f. To hold open all provided alternate prices for a period of 60 days after contract execution.
6. CONTRACT DOCUMENTS: The Undersigned acknowledges the following documents as the basis for their proposal:
- a. Instructions to Bidders.
 - b. Agreement: AIA Document A101, 2017 Edition by reference.
 - c. The General Conditions of the Contract for Construction, AIA Form A201, 2017 Edition by reference.
 - d. Supplementary General Conditions.
 - e. Project Manual, dated 5/15/24, including all Divisions and Sections of the Specifications.
 - f. Drawings indexed on Sheet T-1 of the Drawings, all dated 5/15/24.
 - g. Addenda: The undersigned further acknowledges receipt of Addenda as listed below and represents that any additions to, modifications of, or deletions from the Work specified, as called for in these Addenda, are included in the Base Bid Sum and the Alternates.
- | <u>ADDENDUM NO.</u> | <u>DATE</u> |
|-----------------------------|-----------------------------|
| <u>NONE</u> | <u> </u> |
| <u> </u> | <u> </u> |
| <u> </u> | <u> </u> |
- (NOTE: If no Addenda have been received, write "NONE".)
7. BID SECURITY: The undersigned shall attach to this Form of Proposal a Bid Bond, in an amount not less than 10% of the Base Bid amount, payable to the Village of Oak Park which is agreed will be forfeited to the City Council if the undersigned fails to execute the Standard Form of Owner/Contractor Agreement (AIA Document A-101, 2017 Edition), as modified herein as modified herein by the Supplementary Conditions and General Conditions of the Contract for Construction (AIA Document A201, 2017 edition), as modified herein by the Supplementary Conditions, and which is hereby made a part of this Contract Document by reference, and furnish evidence of their ability to become bonded and provide insurance coverage as specified, within five days after Owner's notification of the intent to award the contract to the undersigned.
8. In signing and submitting this bid, the undersigned certifies that all materials and construction to be provided are as specified in the proposed Contract Documents.

9. TIME OF COMPLETION: If awarded the Contract for Construction, the Bidder agrees to complete all work for the Owner's occupancy on or before the following dates:
- a. Commence Construction Work on site: On or before August 5, 2024
 - b. Substantial Completion of Work: October 18, 2024
 - c. Final Completion of Work: October 31, 2024

10. TAX EXEMPTION: The Owner is exempt from the Illinois Sales and Use tax as an Illinois governmental unit. The Bidder shall exclude such taxes from consideration in preparing their bid.

11. ADDRESS, LEGAL STATUS AND SIGNATURE OF BIDDER

- a. The Undersigned hereby designates the address given below as the legal address to which all notices, directions, or other communications may be served or mailed.

Name of Firm or Joint Venture: BP Construction and Remodelers Inc

Street Address: 3705 N Odell Ave

City: Chicago

State: IL

Zip: 60634

Telephone: 773-406-5369

- b. The Undersigned hereby declares that the Bidder has the legal status indicated below.

- 1) If a partnership, give full names of all partners:

- 2) If a corporation, indicate state in which incorporated:

Illinois

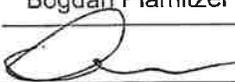
Affix Seal No Seal

- c. The Undersigned hereby affirms that they are qualified to do business in the State of Illinois.

- d. Signatures:

- 1) Individual, partnership or corporation:

Name: Bogdan Plamitzer

By:  _____

Title: President

2) Parties to Joint Venture:

Name: _____

By: _____

Title: _____

Address: _____

Proposal Signature: _____

State of Illinois) County of Cook)

Bogdan Plamitzer

(Type Name of Individual Signing)

being first duly sworn on oath deposes and says that the bidder on the above bid is organized as indicated below and that all statements herein made on behalf of such bidder and that their deponent is authorized to make them, and also deposes and says that deponent has examined and carefully prepared their bid from the agreement specifications and has checked the same in detail before submitting this bid; that the statements contained herein are true and correct.

Signature of bidder authorizes the Village of Oak Park to verify references of business and credit at its option.

Signature of bidder shall also be acknowledged before a Notary Public or other person authorized by law to execute such acknowledgments.

Dated: July 13 /2024 BP Construction and Remodelers Inc no seal
Organization Name (Seal - If Corporation)

By: [Signature] 3705 N Odell Ave, Chicago, IL 60634

Authorized Signature Address

773-406-5369
Telephone

Subscribed and sworn to before me this 3rd day of July, 2024.

Christopher Hollingsworth in the State of Illinois My Commission

Notary Public
Expires on 3/29/2026



Complete Applicable Paragraph Below

(a) Corporation
The bidder is a corporation, which operates under the legal name of BP Construction and Remodelers Inc and

is organized and existing under the laws of the State of Illinois. The full names of its officers are:

President Bogdan Plamitzer

Secretary Bogdan Plamitzer

Treasurer Bogdan Plamitzer

The corporation does have a corporate seal. (In the event that this bid is executed by a person other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation that permits the person to execute the offer for the corporation.)

(b) Partnership
Names, Signatures, and Addresses of all Partners

The partnership does business under the legal name of _____, which name is registered with the office of _____ in the county of _____.

(c) Sole Proprietor
The bidder is a Sole Proprietor whose full name is _____. If the bidder is operating under a trade name, said trade name is _____, which name is registered with the office of _____ in the county of _____.

Signed: _____
Sole Proprietor

In compliance with the above, the undersigned offers and agrees, if his/her Bid is accepted within ninety (90) calendar days from date of opening, to furnish any or all of the items upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.

MUNICIPAL QUALIFICATION REFERENCE SHEET

Bidders shall furnish a minimum of four (4) references from projects similar in scope within the last two (2) years.

MUNICIPALITY City of Highland Park
ADDRESS Highland Park, IL
CONTACT Bianca Ramirez
PHONE 847-926-1189 **E-mail:** bramirez@cityhpil.com
WORK Firehouse Exterior Repair
PERFORMED \$69,000 June 2022

MUNICIPALITY IL DHS Mabley Development Center
ADDRESS Dixon, IL
CONTACT Trent Sexton
PHONE 815-440-4562 **E-mail:** trent.sexton@illinois.gov
WORK Window and Siding Replacement
PERFORMED \$59,000 August 2023

MUNICIPALITY IL DHS Kiley Development Center
ADDRESS Waukegan, IL
CONTACT Delourdes Roney
PHONE 847-249-0606 x254 **E-mail:** delourdes.roney@illinois.gov
WORK Exterior Siding
PERFORMED \$39,000 Sep 2022

MUNICIPALITY The Joseph Business School
ADDRESS Forest Park, IL
CONTACT CR Hollins
PHONE 708-697-6142 **E-mail:** chollingsworth@jbs.edu
WORK Exterior Replacement
PERFORMED \$129,000 March 2024

SECTION V
BIDDER CERTIFICATION

BP Construction and Remodelers Inc

_____ as part of its bid on an agreement for the Public Works Center Exterior Façade Repairs Project for the Village of Oak Park, hereby certifies that said bidder selected is not barred from proposing on the aforementioned agreement as a result of a violation to either Section 33E-3 or 33E-4 of Article 33E of Chapter 38 of the Illinois Revised Statutes or Section 2-6-12 of the Oak Park Village Code relating to "Proposing Requirement.

Bogdan Plamitzer



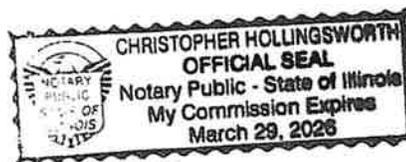
(Authorized Agent of bidder selected)

Subscribed and sworn to before me this 3rd day of July, 2024.



Notary Public's Signature

- Notary Public Seal -



SECTION VI
TAX COMPLIANCE AFFIDAVIT

Bogdan Plamitzer, being first duly sworn, deposes and says:

that he/she is President of
(partner, officer, owner, etc.)

BP Construction and Remodelers Inc
(bidder selected)

The individual or entity making the foregoing bid or proposal certifies that he/she is not barred from entering into an agreement with the Village of Oak Park because of any delinquency in the payment of any tax administered by the Department of Revenue unless the individual or entity is contesting, in accordance with the procedures established by the appropriate revenue act, liability for the tax or the amount of the tax. The individual or entity making the bid or proposal understands that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition, voids the agreement and allows the municipality to recover all amounts paid to the individual or entity under the agreement in civil action.

Bogdan Plamitzer



By:

Its:

President

(name of bidder if the bidder is an individual)
(name of partner if the bidder is a partnership)
(name of officer if the bidder is a corporation)

The above statement must be subscribed and sworn to before a notary public.

Subscribed and sworn to before me this 3rd day of July, 2024.


Notary Public's Signature

- Notary Public Seal -

SECTION VII
ORGANIZATION OF BIDDING FIRM

Please fill out the applicable section:

A. Corporation:

The Contractor is a corporation, legally named BP Construction and Remodelers Inc and is organized and existing in good standing under the laws of the State of IL. The full names of its Officers are:

President Bogdan Plamitzer

Secretary Bogdan Plamitzer

Treasurer Bogdan Plamitzer

Registered Agent Name and Address: BP Construction and Remodelers Inc 3705 N Odell Av, Chicago, IL 60634

The corporation has a corporate seal. (In the event that this bid is executed by a person other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation that permits the person to execute the offer for the corporation.)

B. Sole Proprietor:

The Contractor is a Sole Proprietor. If the Contractor does business under an Assumed Name, the Assumed Name is _____, which is registered with the Cook County Clerk. The Contractor is otherwise in compliance with the Assumed Business Name Act, 805 ILCS 405/0.01, et. seq.

C. Partnership:

The Contractor is a Partnership which operates under the name _____

The following are the names, addresses and signatures of all partners:

Signature	Signature

(Attach additional sheets if necessary.) If so, check here _____.

If the partnership does business under an assumed name, the assumed name must be registered with the Cook County Clerk and the partnership is otherwise in compliance with the Assumed Business Name Act, 805 ILCS 405/0.01, et. seq.

D. Affiliates: The name and address of any affiliated entity of the business, including a description of

the affiliation: n/a



Signature of Owner



**Conforms with The American Institute of Architects,
A.I.A. Document A310 (2010 Edition)**

Bid Bond

CONTRACTOR:
(Name, legal status and address)

BP Construction & Remodelers Inc
3705 N Odell Ave
Chicago, IL 60634

SURETY:
*(Name, legal status and principal place
of business)*

Old Republic Surety Company
18500 W Corporate Dr, Ste 170
Brookfield, WI 53045

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:
(Name, legal status and address)

Village of Oak Park
123 Madison Street
Oak Park, IL 60302

BOND AMOUNT: 10% of accompanying bid

PROJECT:
(Name, location or address, and Project number, if any)

Oak Park - Public Works Facade Improvements
201 S Boulevard Oak Park, IL 60302

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

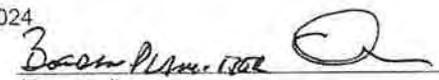
Signed and sealed this 1st day of July 2024



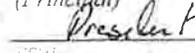
(Witness)



(Witness)



(Principal)  *(Seal)*



(Title)

(Surety)
Teri R Jeter, Attorney-in-Fact

(Title)





OLD REPUBLIC SURETY COMPANY

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint: **ANGELA MURPHY, KELLI K. FRANCH, RACHEL THOMPSON, AARON M. DANIELS, TERI R. JETER, NATASHA NESKOVIC** of BLOOMINGTON, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, **(other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits, or black lung bonds)**, as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company

- (i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
- (ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
- (iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 22nd day of December, 2022

Karen J Haffner
Assistant Secretary



OLD REPUBLIC SURETY COMPANY

Alan Pavlic
President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 22nd day of December, 2022, personally came before me, Alan Pavlic and Karen J Haffner, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.



Kathryn R. Pearson
Notary Public

My Commission Expires: September 28, 2026

(Expiration of notary's commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

40-3412



Signed and sealed at the City of Brookfield, WI this 1st day of July, 2024

Karen J Haffner
Assistant Secretary

ORSC 22262 (3-06)

CC SERVICES, INC.

SECTION IX
COMPLIANCE AFFIDAVIT

I, Bogdan Plamitzer (Print Name) being first duly sworn on oath depose and state:

1. I am the (title) President of the Proposing Firm and am authorized to make the statements contained in this affidavit on behalf of the firm;
2. I have examined and carefully prepared this Bid based on the request and have verified the facts contained in the Bid in detail before submitting it;
3. The Proposing Firm is organized as indicated above on the form entitled "Organization of Proposing Firm."
4. I authorize the Village of Oak Park to verify the Firm's business references and credit at its option;
5. Neither the Proposing Firm nor its affiliates¹ are barred from proposing on this project as a result of a violation of 720 ILCS 5/33E-3 or 33E-4 relating to Bid rigging and Bid rotating, or Section 2-6-12 of the Oak Park Village Code relating to "Proposing Requirements".
6. The Proposing Firm has the M/W/DBE status indicated below on the form entitled "EEO Report."
7. Neither the Proposing Firm nor its affiliates is barred from agreementing with the Village of Oak Park because of any delinquency in the payment of any debt or tax owed to the Village except for those taxes which the Proposing Firm is contesting, in accordance with the procedures established by the appropriate revenue act, liability for the tax or the amount of the tax. I understand that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition, voids the agreement and allows the Village of Oak Park to recover all amounts paid to the Proposing Firm under the agreement in civil action.
8. I am familiar with Section 13-3-2 through 13-3-4 of the Oak Park Village Code relating to Fair Employment Practices and understand the contents thereof; and state that the Proposing Firm is an "Equal Opportunity Employer" as defined by Section 2000(E) of Chapter 21, Title 42 of the United States Code Annotated and Federal Executive Orders #11246 and #11375 which are incorporated herein by reference. **Also complete the attached EEO Report or Submit an EEO-1.**
9. I certify that the Contractor is in compliance with the Drug Free Workplace Act, 41 U.S.C.A, 702

Signature: _____

Name and address of Business: BP Construction and Remodelers Inc
3705 N Odell Av, Chicago, IL 60634

Telephone 773-406-5369

E-Mail bogdan@bpremodelers.com

Subscribed to and sworn before me this 3rd day of July, 2024.

Christopher Hollingsworth
Notary Public

- Notary Public Seal -



¹ Affiliates means: (i) any subsidiary or parent of the agreementing business entity, (ii) any member of the same unitary business group; (iii) any person with any ownership interest or distributive share of the agreementing business entity in excess of 7.5%; (iv) any entity owned or controlled by an executive employee, his or her spouse or minor children of the agreementing business entity.

SECTION X
M/W/DBE STATUS AND EEO REPORT

Failure to respond truthfully to any questions on this form, failure to complete the form or failure to cooperate fully with further inquiry by the Village of Oak Park will result in disqualification of this bid. For assistance in completing this form, contact the Department of Public Works at 708-358-5700.

1. Contractor Name: BP Construction and Remodelers Inc.

2. Check here if your firm is:

- Minority Business Enterprise (MBE) (A firm that is at least 51% owned, managed and controlled by a Minority.)
- Women's Business Enterprise (WBE) (A firm that is at least 51% owned, managed and controlled by a Woman.)
- Owned by a person with a disability (DBE) (A firm that is at least 51% owned by a person with a disability)
- None of the above

[Submit copies of any W/W/DBE certifications]

3. What is the size of the firm's current stable work force?

7 Number of full-time employees

4 Number of part-time employees

4. Similar information will be requested of all subcontractors working on this agreement. Forms will be furnished to the lowest responsible Contractor with the notice of agreement award, and these forms must be completed and submitted to the Village before the execution of the agreement by the Village.

Signature:  _____

Date: 1/3/2024

EEO REPORT

Please fill out this form completely. Failure to respond truthfully to any questions on this form, or failure to cooperate fully with further inquiry by the Village of Oak Park will result in disqualification of this Bid. An incomplete form will disqualify your Bid. For assistance in completing this form, contact the Purchasing Department at 708-358-5473

An EEO-1 Report may be submitted in lieu of this report.

Contract Name: BPC Construction & Remodelers Inc.

Total Employees: 11

Job Categories	Total Employees	Males			Females			Total Minorities				
		Total Males	Total Females	Black	Hispanic	American Indian & Alaskan Native	Asian & Pacific Islander		Black	Hispanic	American Indian & Alaskan Native	Asian & Pacific Islander
Officials & Managers	2	2										
Professionals												
Technicians	6	4		2				2				2
Sales Workers												
Office & Clerical	1	1						1				1
Semi Skilled												
Laborers												
Service Workers												
TOTAL	2	2		1				2				1
Management Trainees												
Apprentices												

This completed and notarized report must accompany your Bid. It should be attached to your Affidavit of Compliance. Failure to include it with your Bid will be disqualify you from consideration

Boylar Plam, Inc. being first duly sworn deposes and says that he/she is the President (Title or Officer)

of BPC Construction & Remodelers Inc. and that the above EEO Report information is true and accurate and is submitted with the intent that it be relied upon. Subscribed and sworn to before me this 3rd day of July 2024

[Signature]
(Date) 7/3/24



SECTION XI
NO BID EXPLANATION

If your firm does not wish to propose on the attached specifications, the Village of Oak Park would be interested in any explanation or comment you may have as to what prevented your firm from submitting a bid.

Bid Name: Project No. 24-127; Village of Oak Park Public Works Center Exterior Façade Repairs

Comments:

N/A

Signed: _____

Phone: _____

GENERAL NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY IBC 2021 EDITION AND SHALL CONFORM TO ALL OTHER APPLICABLE MUNICIPAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE ILLINOIS ACCESSIBILITY CODE (2018) AND THE AMERICANS WITH DISABILITIES ACT.

A. GENERAL NOTES

- 1. ALL CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND BE KNOWLEDGEABLE REGARDING EXISTING CONDITIONS AND THEIR EFFECT ON THE PROPOSED WORK. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE PROJECT.
2. NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO THE INTERRUPTION OF ANY UTILITY.
3. PROTECT AND KEEP IN SERVICE ACTIVE UNDERGROUND UTILITIES, PIPES, OR CONDUITS, WHETHER INDICATED ON THE DRAWINGS OR NOT, UNLESS SPECIFICALLY CALLED FOR TO BE REMOVED, RELOCATED, OR DISCONNECTED AND ABANDONED.
4. CONTRACTORS AND SUBCONTRACTORS SHALL COORDINATE THEIR WORK WITH THAT OF OTHER TRADES.
5. NO WORK WILL BE PERMITTED TO BE INSTALLED WITHOUT RECEIPT AND SUBSEQUENT REVIEW OF FULL AND COMPLETE SUBMITTALS BY THE ARCHITECT/ENGINEER.
6. DO NOT SCALE DRAWINGS. DIMENSIONS INDICATED TAKE PRECEDENCE OVER SCALE.
7. VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD. WHERE DISCREPANCIES ARE FOUND BETWEEN DIMENSIONS OR ELEVATIONS SHOWN AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT/ENGINEER.
8. WHERE CONFLICTS MAY EXIST BETWEEN THE REQUIREMENTS OF PORTIONS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, HIGHER QUALITY OR MORE STRINGENT REQUIREMENT SHALL GOVERN. THEREFORE, BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT, IF IT RAISED NO QUESTIONS REGARDING SUCH CONFLICTS DURING THE BIDDING PROCESS, AND IN THE ABSENCE OF A CLARIFYING ADDENDUM ISSUED DURING THE BIDDING PROCESS, IT HAS VOLUNTEERED TO COMPLY WITH THE MORE EXPENSIVE REQUIREMENT AS PART OF ITS BASE BID AND IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION TO RESOLVE THE CONFLICT.
9. THE CONTRACT DOCUMENTS REQUIRE THE CONTRACTOR TO FURNISH AND INSTALL COMPLETE PRODUCTS, SYSTEMS AND SERVICES BY EXECUTING A CONTRACT FOR CONSTRUCTION. THE CONTRACTOR AGREES THAT THE DRAWINGS SET FORTH THE DESIGN INTENT AND, THEREFORE, MAY NOT EXPRESSLY DEPICT EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE. THE CONTRACTOR FURTHER AGREES THAT, AS PART OF ITS BID, IT MUST FURNISH AND INSTALL EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE AND, CONSEQUENTLY, THE CONTRACTOR IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION FOR ANY LENGTH, SEGMENT, PIECE, PART COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE BECAUSE IT IS NOT EXPRESSLY DEPICTED HEREIN.

B. MISCELLANEOUS AND DEMOLITION NOTES

- 1. APPLY APPROPRIATE & COMPATIBLE SEALANT MATERIALS AS REQUIRED TO SEPARATE DISSIMILAR METALS. FILL GAPS IN EXISTING ASSEMBLIES OR WHERE NEW AND EXISTING ASSEMBLIES MEET OR WHERE OTHERWISE REQUIRED BY THE SPECIFICATIONS.
2. BRING ANY UNFORESEEN OR CONFLICTING CONDITIONS TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
3. REPAIR, PATCH, OR REPLACE FINISH MATERIALS OR VISIBLE ASSEMBLIES THAT ARE SOILED, CUT OR DAMAGED IN ANY FASHION DURING THE COURSE OF THE WORK. PERFORM PATCHING SUCH THAT EDGES BLEND INTO CONTIGUOUS SURFACES SMOOTHLY, MATCHING TEXTURE AND COLOR OF ADJACENT SURFACES.

STANDARD ABBREVIATIONS

Table with 6 columns: Symbol, Abbreviation, Description, Symbol, Abbreviation, Description. Includes entries for AT (Anchor Bolt), EXP (Expansion), PC (Piece), etc.

THE MATERIALS, ABBREVIATIONS, AND DRAFTING SYMBOLS LEGEND ARE EACH AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE LEGENDS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS OR MATERIALS INCLUDED IN THESE LEGENDS ARE INCORPORATED INTO THIS PROJECT. ABBREVIATIONS MAY APPEAR WITH PERIODS OR OTHER PUNCTUATION SEPARATING CHARACTERS ON THE DRAWINGS; THE MEANING REMAINS THE SAME.

Drafting symbols legend table with columns: Symbol, Description, Symbol, Description. Includes DETAIL CALLOUT, EXTERIOR ELEVATION, INTERIOR ELEVATION, SECTION REFERENCE, COLUMN NO., REFERENCE LINE NO., LOCATION ELEVATION, ROOM NUMBER, DOOR NO., NOMINAL THICKNESS, KEYNOTE, WINDOW TYPE, TOILET ACCESSORY, SPOT ELEVATION.

DRAFTING SYMBOLS AND MATERIALS LEGEND

Materials legend table with columns: Symbol, Description, Symbol, Description. Includes FIRE-RATING, CONCRETE, BRICK MASONRY IN PLAN, CONCRETE MASONRY IN PLAN, STONE MASONRY IN PLAN, RAKED JOINT IN PLAN, BRICK MASONRY IN SECTION DETAIL, CONCRETE MASONRY IN SECTION DETAIL, STONE MASONRY IN SECTION DETAIL, STEEL IN SECTION DETAIL, DISCONTINUOUS ROUGH WOOD BLOCKING IN SECTION, CONTINUOUS ROUGH WOOD FRAMING/BLOCKING IN SECTION, FINISHED WOOD IN SECTION DETAIL, RIGID BOARD INSULATION, VINYL BASE COVED, VINYL BASE STRAIGHT, VINYL COMPOSITION TILE, VENEER PLASTER (TYPE), VERTICAL, WIDE OR WIDTH, WITH, WITHOUT, WALL CORNER GUARD, WOOD, WINDOW, WEIGHT, WATER PROOF, WELDED WIRE FABRIC, WALL SERVICE BASIN, UNDISTURBED EARTH, EARTH BACKFILL.



PROJECT

VILLAGE OF OAK PARK - PUBLIC WORKS FACADE RESTORATION
201 S. BLVD.
OAK PARK, IL 60302

OWNER

VILLAGE OF OAK PARK
201 S. BLVD.
OAK PARK, IL 60302

ARCHITECT/ENGINEER

KLUBER ARCHITECTS + ENGINEERS
41 W BENTON STREET
AURORA, ILLINOIS 60506
TEL (630) 406-1213
FAX (630) 406-9472
www.kluberinc.com

REQUIRED CODE COMPLIANCE INFORMATION

APPLICABLE CODES

REQUIRED PLAN COVER SHEET INFORMATION FOR REVIEW UNDER 2021 INTERNATIONAL CODES, STATE OF ILLINOIS ACCESSIBILITY CODE, AND THE STATE OF ILLINOIS PLUMBING CODE CODE REVIEW DATA

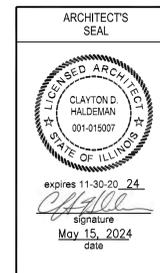
- 2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2021 INTERNATIONAL FIRE CODE
2021 NATIONAL ELECTRICAL CODE
LOCAL AMENDMENTS TO THE ABOVE CODES
2021 INTERNATIONAL ENERGY CONSERVATION CODE W/STATE AMENDMENTS)
2018 ILLINOIS ACCESSIBILITY CODE

GENERAL STATEMENT OF OVERALL PROJECT SCOPE AND INTENT: PROJECT CONSISTS OF EXTERIOR FACADE AND ROOF RESTORATIONS TO AN EXISTING MULTI-STORY PUBLIC WORKS BUILDING. BUILDING COMPONENTS AND SYSTEMS MODIFIED OR REPLACED AS PART OF THE WORK OF THIS PROJECT HAVE BEEN BROUGHT UP TO MEET THE REQUIREMENTS OF THE APPLICABLE CURRENT CODES.

- A. USE AND OCCUPANCY GROUP(S) CLASSIFICATION: B, S-1, S-2.
B. TYPE OF CONSTRUCTION: IIB
C. SQUARE FOOTAGE OF BUILDING: SQUARE FOOTAGE IS APPROXIMATELY 72,338. ALLOWABLE SQUARE FOOTAGE: NOT APPLICABLE; NO CHANGE OF USE. FULLY SPRINKLERED; ALARMED
D. OCCUPANT LOAD BASED ON INTERNATIONAL BUILDING CODE: NOT APPLICABLE, NO CHANGE.
E. OCCUPANT LOAD BASED ON ILLINOIS PLUMBING CODE: NOT APPLICABLE, NO CHANGE.
F. DESIGNED LIVE LOADS: NOT APPLICABLE; THIS IS AN EXISTING BUILDING, TO WHICH NO MODIFICATIONS ARE BEING MADE TO STRUCTURAL COMPONENTS.
G. THE DESIGN PROFESSIONALS IN RESPONSIBLE CHARGE ARE IDENTIFIED IN THE SEALS AND CERTIFICATES AREA, BELOW.

SEALS & CERTIFICATIONS

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH IBC 2021 EDITION, THE ENVIRONMENTAL BARRIERS ACT AND THE ILLINOIS ACCESSIBILITY CODE.



G SERIES, *A* SERIES

KLUBER, INC. ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-001284

INDEX OF DRAWINGS

Index of drawings table with columns: Drawing Number, Description. Includes G100 (COVER SHEET, GENERAL NOTES, SYMBOLS, & DRAWING INDEX), A330 (ROOF PLAN), A700 (EXTERIOR BUILDING ELEVATIONS), A710 (EXTERIOR BUILDING ELEVATIONS), A1200 (PHOTO DETAILS).



Kluber, Inc.
Aurora, Illinois 60506
Tel. (630) 406-1213
Chicago, Illinois 60606
Tel. (773) 607-2070
www.kluberinc.com

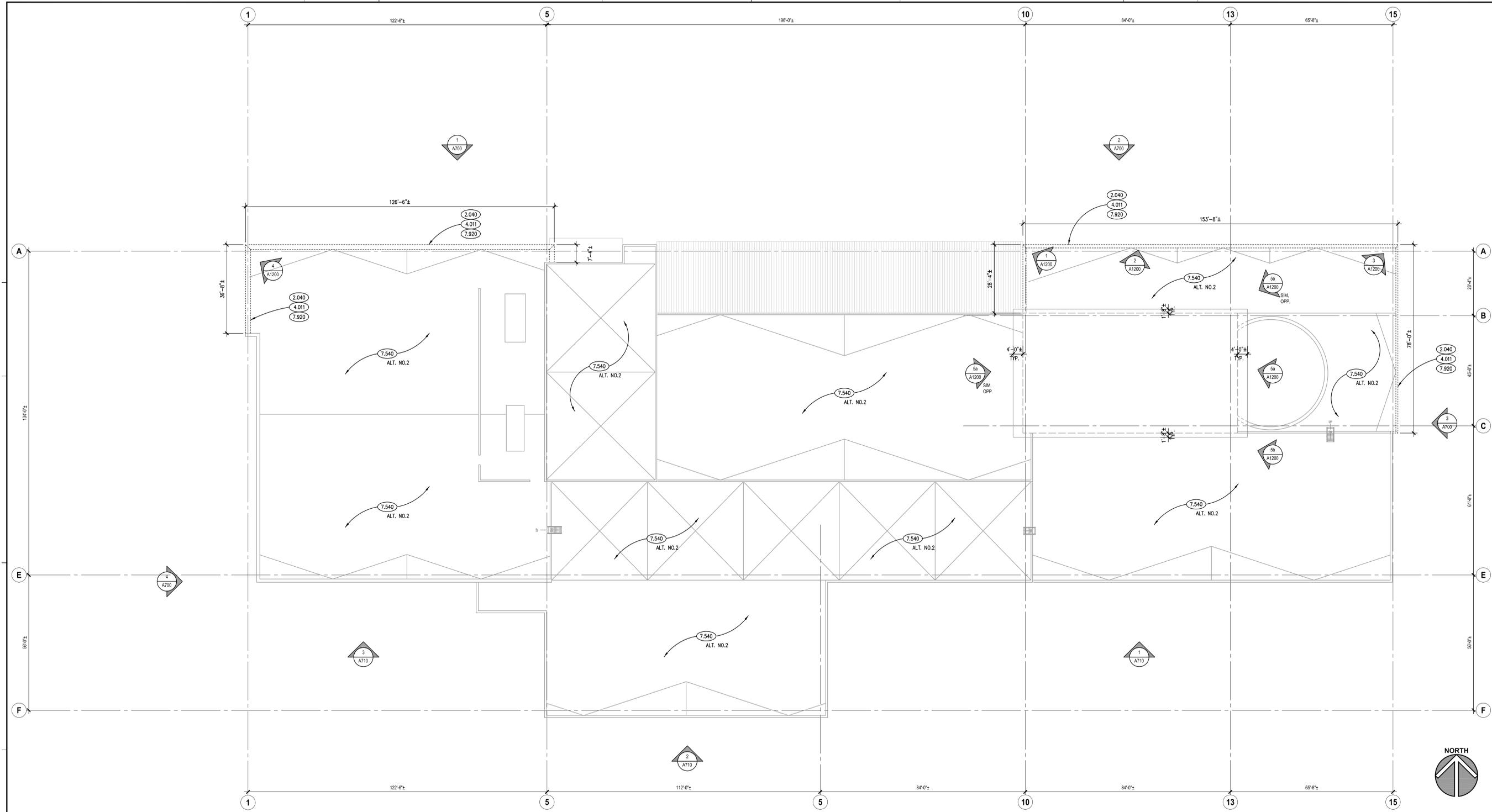
VILLAGE OF OAK PARK - PUBLIC WORKS FACADE RESTORATION
VILLAGE OF OAK PARK
201 S. BOULEVARD
OAK PARK, IL 60302

Issued table with columns: Date, Description. Includes 05/15/24 (BID & PERMIT).

JOB NO. 24-475-1536
DRAWN PJT
CHECKED JMB
APPROVED CDH

SHEET TITLE
COVER SHEET, GENERAL NOTES, SYMBOLS AND DRAWING INDEX

SHEET NUMBER
G100



ROOF PLAN
SCALE: 1/16" = 1'-0" **1**

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 2.040 EXISTING STONE MASONRY CAP.
- 4.011 CLEAN EXISTING STONE CAPS IN ACCORDANCE WITH PROCEDURES INDICATED IN SPECIFICATIONS SECTION 04 01 00.
- 7.540 THOROUGHLY CLEAN EXISTING TPO ROOF SURFACE TO RESTORE ORIGINAL APPEARANCE; PROTECT EXISTING MODULAR PLANT ROOF TRAYS, ROOF PAVERS AND APIARIES.
- 7.920 REMOVE AND REPLACE EXISTING JOINT SEALANT BETWEEN AND BELOW STONE CAPS.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

ISSUED
DATE: 02/24/24
BY: J. PERMIT

JOB NO.	24-475-1536
DRAWN	PJT
CHECKED	JMB
APPROVED	CDH

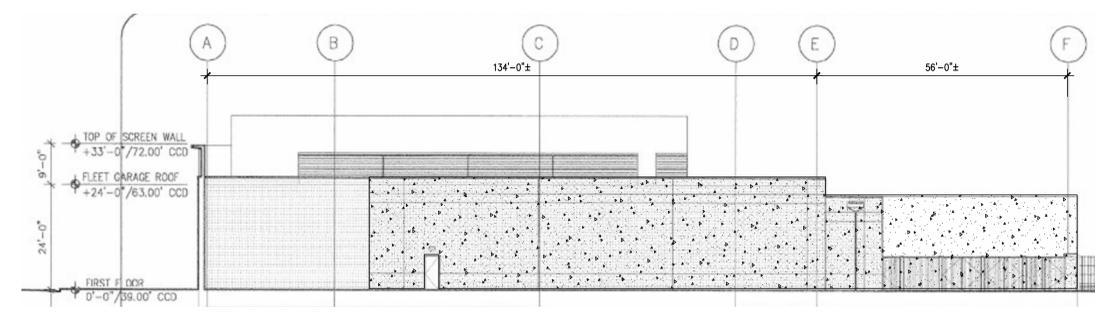
SHEET TITLE
ROOF PLAN

SHEET NUMBER
A330

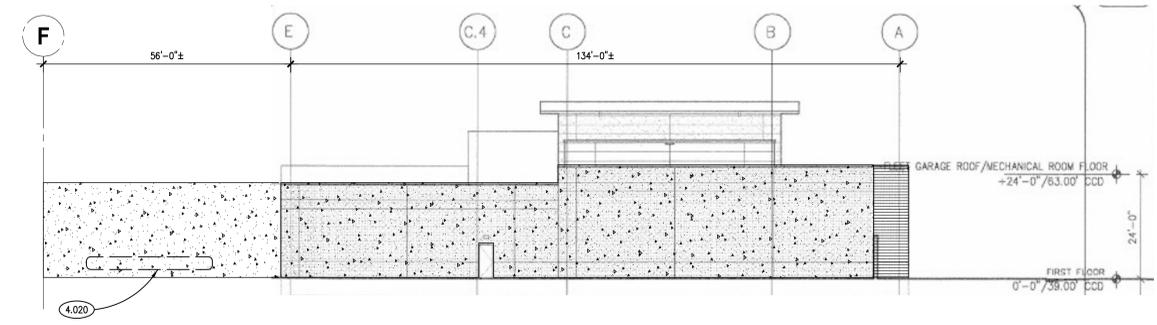
KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

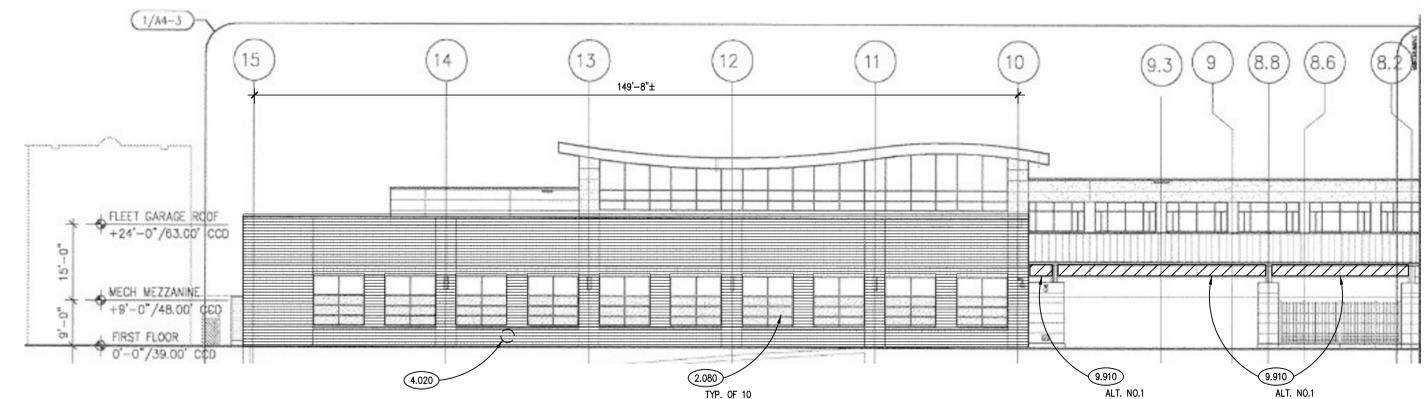
- 2.080 PROTECT EXISTING ALUMINUM STOREFRONT AND GLAZING TO REMAIN.
- 4.010 CLEAN EXISTING BRICK MASONRY IN ACCORDANCE WITH PROCEDURES INDICATED IN SPECIFICATIONS SECTION 04 01 00.
- 4.015 CLEAN EXISTING GROUND FACE CMU IN ACCORDANCE WITH PROCEDURES INDICATED IN SPECIFICATIONS SECTION 04 01 00.
- 4.020 LIME/SALT DEPOSITS: CLEAN BRICK/MASONRY SURFACE TO REMOVE DEPOSITS.
- 9.910 FOR SURFACES EXPOSED TO VIEW, REMOVE PAINT, PROPERLY PREPARE SURFACE AND REPAINT STEEL BEAM; REFER TO PHOTO DETAIL 8.



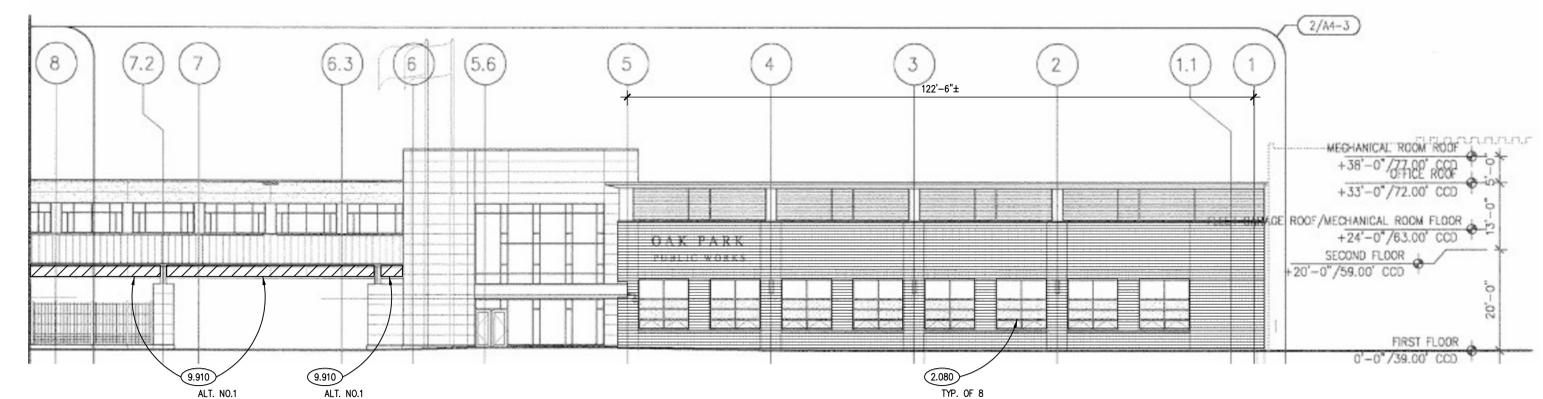
WEST ELEVATION ④
SCALE: 1/16" = 1'-0"



EAST ELEVATION ③
SCALE: 1/16" = 1'-0"

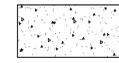


PARTIAL NORTH ELEVATION ②
SCALE: 1/16" = 1'-0"



PARTIAL NORTH ELEVATION ①
SCALE: 1/16" = 1'-0"

LEGEND

-  4.010
-  4.015

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. REMOVE LIME/SALT DEPOSITS ON BRICK AND CMU WHETHER EXPRESSLY SHOWN ON DRAWINGS OR NOT; VISIT SITE TO DETERMINE FULL EXTENT OF REMOVAL.

ISSUED	
DATE	
BY	
FOR	
DESCRIPTION	

JOB NO.	24-475-1536
DRAWN	PJT
CHECKED	JMB
APPROVED	CDH

SHEET TITLE

EXTERIOR BUILDING ELEVATIONS

SHEET NUMBER

A700

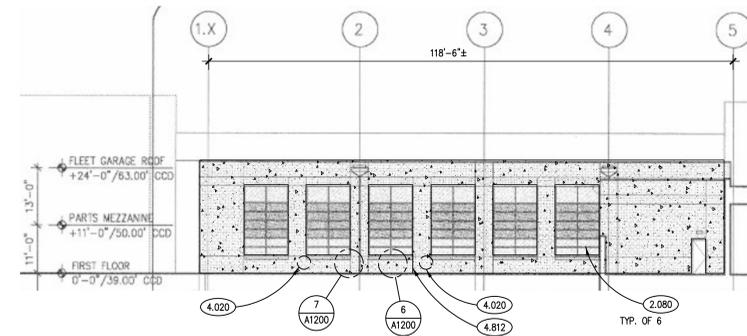
KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

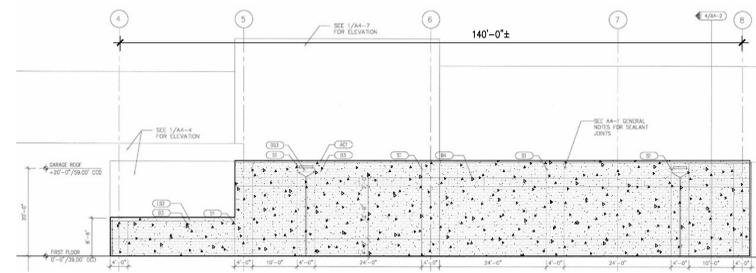
- 2.080 PROTECT EXISTING ALUMINUM STOREFRONT AND GLAZING TO REMAIN.
- 4.010 CLEAN EXISTING BRICK MASONRY IN ACCORDANCE WITH PROCEDURES INDICATED IN SPECIFICATIONS SECTION 04 01 00.
- 4.015 CLEAN EXISTING GROUND FACE CMU IN ACCORDANCE WITH PROCEDURES INDICATED IN SPECIFICATIONS SECTION 04 01 00.
- 4.020 LIME/SALT DEPOSITS: CLEAN BRICK/MASONRY SURFACE TO REMOVE DEPOSITS.
- 4.812 MASONRY ASSEMBLY: 1-1/2" DEEP CAULK AND SEALANT CONTROL JOINT.

Kluber, Inc.
Aurora, Illinois 60506
Tel: 630.306.5213
Chicago, Illinois 60606
Tel: 312.607.5200
www.kluberinc.com

VILLAGE OF OAK PARK - PUBLIC WORKS FACADE RESTORATION
VILLAGE OF OAK PARK
201 S. BOULEVARD
OAK PARK, IL 60302

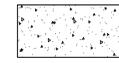


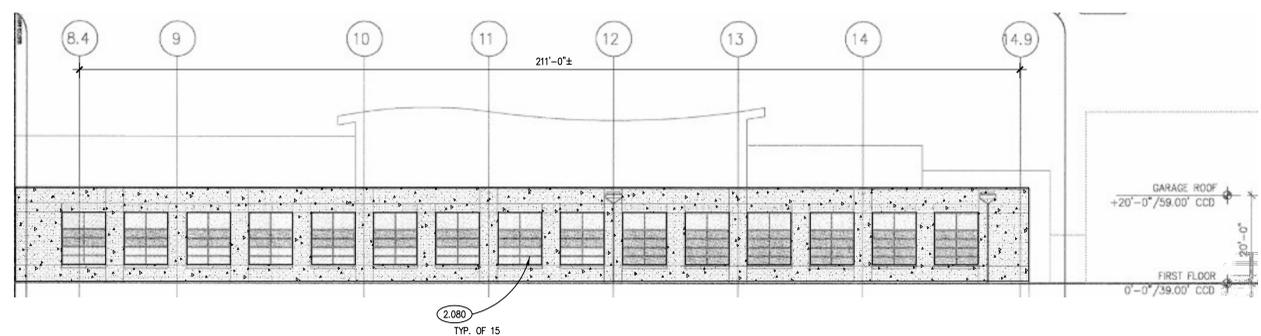
PARTIAL SOUTH ELEVATION ③
SCALE: 1/16" = 1'-0"



PARTIAL SOUTH ELEVATION ②
SCALE: 1/16" = 1'-0"

LEGEND

-  4.010
-  4.015



PARTIAL SOUTH ELEVATION ①
SCALE: 1/16" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. REMOVE LIME/SALT DEPOSITS ON BRICK AND CMU WHETHER EXPRESSLY SHOWN ON DRAWINGS OR NOT; VISIT SITE TO DETERMINE FULL EXTENT OF REMOVAL.

ISSUED	
DATE	
BY	
CHKD	
APPD	
DATE	
BY	
CHKD	
APPD	

JOB NO. 24-475-1536
DRAWN PJT
CHECKED JMB
APPROVED CDH

SHEET TITLE
EXTERIOR BUILDING ELEVATIONS

SHEET NUMBER

A710

KEYNOTES

KEYNOTES ARE NOT ALWAYS REPEATED ACROSS ALL DRAWINGS ON THIS SHEET. AN UN-KEYNOTED ITEM ON THIS SHEET IS THE SAME AS A KEYNOTED ITEM ON THIS SHEET HAVING THE SAME GRAPHIC APPEARANCE.

- 2.045 EXISTING MASONRY CONTROL JOINT.
- 4.011 CLEAN EXISTING STONE CAPS IN ACCORDANCE WITH PROCEDURES INDICATED IN SPECIFICATIONS SECTION 04 01 00.
- 4.300 REMOVE EXISTING GROUND FACE MASONRY; INSTALL NEW GROUND FACE MASONRY TO MATCH.
- 4.810 REPOINT EXISTING MORTAR JOINT.
- 7.920 REMOVE AND REPLACE EXISTING JOINT SEALANT BETWEEN AND BELOW STONE CAPS.
- 7.921 REMOVE AND REPLACE EXISTING JOINT SEALANT AT MASONRY CONTROL JOINT.
- 7.922 REMOVE AND REPLACE EXISTING JOINT SEALANT BETWEEN METAL PANELS, WOOD SOFFIT AND BEAMS.
- 9.910 FOR SURFACES EXPOSED TO VIEW, REMOVE PAINT, PROPERLY PREPARE SURFACE AND REPAINT STEEL BEAM. REFER TO PHOTO DETAIL 8.
- 9.930 STRIP EXISTING FINISH AND SAND SURFACE OF EXISTING GULAM BEAM AND WOOD SOFFIT; APPLY SPECIFIED FINISH.



PHOTO DETAIL 7
SCALE: 1 1/2" = 1'-0"



PHOTO DETAIL 4
SCALE: 1 1/2" = 1'-0"

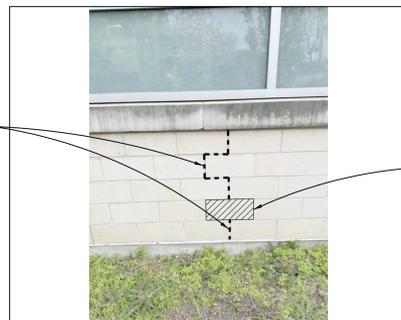


PHOTO DETAIL 6
SCALE: 1 1/2" = 1'-0"



PHOTO DETAIL 3
SCALE: 1 1/2" = 1'-0"

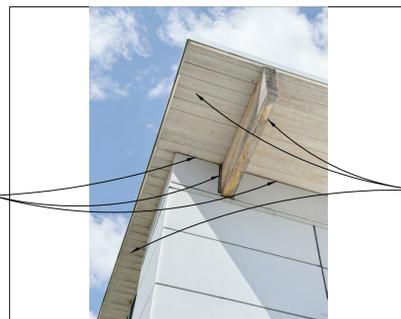


PHOTO DETAIL 5b
SCALE: 1 1/2" = 1'-0"



PHOTO DETAIL 2
SCALE: 1 1/2" = 1'-0"

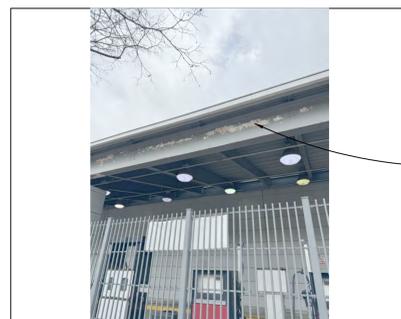


PHOTO DETAIL 8
SCALE: 1 1/2" = 1'-0"



PHOTO DETAIL 5a
SCALE: 1 1/2" = 1'-0"



PHOTO DETAIL 1
SCALE: 1 1/2" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

ISSUED	
DATE	
BY	
REVISION	

JOB NO.	24-475-1536
DRAWN	PJT
CHECKED	JMB
APPROVED	CDH

SHEET TITLE

PHOTO DETAILS

SHEET NUMBER

A1200

**PROJECT MANUAL
FOR**

**PUBLIC WORKS FAÇADE IMPROVEMENTS
201 S. BOULEVARD
OAK PARK, ILLINOIS 60302**

OWNER

**VILLAGE OF OAK PARK
123 MADISON STREET
OAK PARK, ILLINOIS 60302**

ARCHITECT / ENGINEER

**KLUBER, INC.
41 W. BENTON STREET
AURORA, ILLINOIS 60506**



BID & PERMIT – 05/15/2024

SECTION 00 01 01
PROJECT TITLE PAGE

PROJECT MANUAL

FOR

PUBLIC WORKS FACADE IMPROVEMENTS

201 SOUTH BOULEVARD

OAK PARK, ILLINOIS 60302

OWNER

VILLAGE OF OAK PARK

201 SOUTH BOULEVARD

OAK PARK, ILLINOIS 60302

ARCHITECT / ENGINEER

KLUBER ARCHITECTS + ENGINEERS

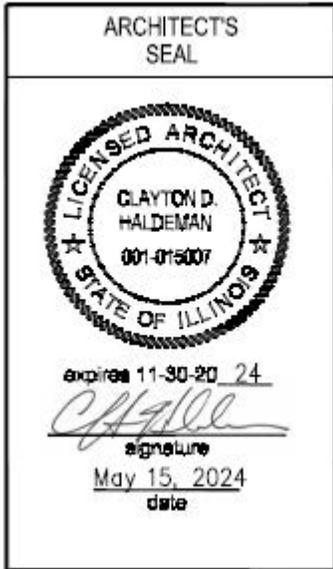
41 W. BENTON STREET

AURORA, ILLINOIS 60506

END OF DOCUMENT

SECTION 00 01 07
SEALS PAGE

1.01 DESIGN PROFESSIONALS' SEALS
A. ARCHITECT



END OF DOCUMENT

**SECTION 00 01 10
TABLE OF CONTENTS**

PROCUREMENT AND CONTRACTING REQUIREMENTS		PAGES
INTRODUCTORY INFORMATION		
00 01 01	Project Title Page	00 01 01-1-1
00 01 07	Seals Page	00 01 07-1-1
00 01 10	Table of Contents	00 01 10-1-1
00 01 15	Drawing Index	00 01 15-1-1
BIDDING REQUIREMENTS		
00 31 13	Preliminary Schedule	00 31 13-1-1
SPECIFICATIONS		PAGES
DIVISION 01 -- GENERAL REQUIREMENTS		
01 10 00	Summary	01 10 00-1-1
01 20 00	Price and Payment Procedures	01 20 00-1-5
01 21 00	Allowances	01 21 00-1-1
01 23 00	Alternates	01 23 00-1-1
01 30 00	Administrative Requirements	01 30 00-1-10
01 40 00	Quality Requirements	01 40 00-1-2
01 41 00	Regulatory Requirements	01 41 00-1-2
01 42 00	References	01 42 00-1-5
01 50 00	Temporary Facilities and Controls	01 50 00-1-2
01 60 00	Product Requirements	01 60 00-1-5
01 70 00	Execution and Closeout Requirements	01 70 00-1-5
01 77 00	Closeout Procedures	01 77 00-1-2
01 78 00	Closeout Submittals	01 78 00-1-2
DIVISION 04 -- MASONRY		
04 01 00	Maintenance of Masonry	04 01 00-1-5
04 05 11	Masonry Mortaring and Grouting	04 05 11-1-1
DIVISION 07 -- THERMAL AND MOISTURE PROTECTION		
07 92 00	Joint Sealants	07 92 00-1-5
DIVISION 09 -- FINISHES		
09 90 00	Painting and Coating -Commercial Facility Guide Specifiation - Sherwin-Williams	09 90 00-1-3
09 93 00	Staining and Transparent Finishing	09 93 00-1-5
END OF SECTION		

**SECTION 00 01 15
DRAWING INDEX**

1.01 GENERAL

G100 COVER SHEET, GENERAL NOTES, SYMBOLS & DRAWING INDEX

1.02 ARCHITECTURAL

A330 ROOF PLAN

A700 EXTERIOR BUILDING ELEVATIONS

A710 EXTERIOR BUILDING ELEVATIONS

A1200 PHOTO DETAILS

END OF DOCUMENT

**SECTION 00 31 13
PRELIMINARY SCHEDULE**

1.01 GENERAL

- A. The following represents the preliminary construction schedule for the Work. This schedule is the current estimate of the Owner to be used for purposes of bidding. All Bidders shall include the costs of all overtime, double-shift, or so-called "premium" time that may be necessary to meet this milestone.

1.02 PRELIMINARY SCHEDULE

- A. Award of Contract: July 30, 2024
- B. Commencement of Construction: Week of August 5, 2024
- C. Substantial Completion: October 18, 2024

END OF DOCUMENT

**SECTION 01 10 00
SUMMARY**

PART 1 GENERAL

1.01 PROJECT

- A. Project Name: PUBLIC WORKS FACADE IMPROVEMENTS.
- B. Owner's Name: VILLAGE OF OAK PARK.
- C. Architect/Engineer's Name: Kluber Architects + Engineers.
- D. The Project consists of the exterior facade repairs consisting of masonry, tuckpointing, sealants and wood beam and soffits restorations of the existing public works facility.

1.02 CONTRACT DESCRIPTION

- A. Refer to Owner's bidding and procurements requirements.

1.03 DESCRIPTION OF ALTERATIONS WORK

- A. Scope of alterations work is indicated on drawings.

1.04 OWNER OCCUPANCY

- A. Owner intends to continue to occupy adjacent portions of the existing building during the entire construction period.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 01 20 00
PRICE AND PAYMENT PROCEDURES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Procedures for preparation and submittal of applications for progress payments.
- B. Documentation of changes in Contract Sum and Contract Time.
- C. Change procedures.
- D. Correlation of Contractor submittals based on changes.
- E. Procedures for preparation and submittal of application for final payment.

1.02 RELATED REQUIREMENTS

- A. Owner's bidding and procurement requirements.
- B. Section 01 78 00 - Closeout Submittals: Project record documents.
- C. Section 01 77 00 - Closeout Procedures: Final Payment.

1.03 SCHEDULE OF VALUES

- A. Use Schedule of Values Form: AIA G703, edition stipulated in the Agreement.
- B. Electronic media printout including equivalent information will be considered in lieu of standard form specified; submit draft to Architect/Engineer for approval.
- C. Forms filled out by hand will not be accepted.
- D. Submit Schedule of Values to the Architect/Engineer at earliest possible date, but no later than 14 days prior to first Pay Request Meeting.
 - 1. After review by the Architect/Engineer, revise and resubmit Schedule as directed.
- E. Format: Utilize the Table of Contents of this Project Manual as a format for the listing of the Work.
- F. Identify as separate line items on the Schedule the costs for the following items:
 - 1. Bonds.
 - 2. Insurance.
 - 3. Site Mobilization.
 - 4. Construction Submittals.
 - 5. General Conditions.
 - 6. Allowances (list each Allowance on a separate line; See Section 01 21 00).
 - 7. Contractor's overhead and profit.
- G. Submit Schedule of Values in sufficient detail for the Architect/Engineer to use in evaluation of Applications for Payment.
 - 1. Itemize the cost of the work of:
 - a. Contractor's materials from stock.
 - b. Contractor's own shop labor.
 - c. Contractor's own field labor.

- d. Subcontractors' materials from stock.
- e. Subcontractors' shop labor.
- f. Subcontractors' field labor.
- g. Suppliers of products and equipment.

H. Revise Schedule of Values to list approved Change Orders, with each Application For Payment.

1.04 APPLICATIONS FOR PROGRESS PAYMENTS

- A. Payment Period: Submit at intervals stipulated in the Agreement.
- B. Use Form AIA G702 and Form AIA G703, edition stipulated in the Agreement.
- C. Electronic media printout including equivalent information will be considered in lieu of standard form specified; submit sample to Architect/Engineer for approval.
- D. Forms filled out by hand will not be accepted.
- E. For each item, provide a column for listing each of the following:
 - 1. Item Number.
 - 2. Description of work.
 - 3. Scheduled Values.
 - 4. Previous Applications.
 - 5. Work in Place and Stored Materials under this Application.
 - 6. Authorized Change Orders.
 - 7. Total Completed and Stored to Date of Application.
 - 8. Percentage of Completion.
 - 9. Balance to Finish.
 - 10. Retainage.
- F. Execute certification by signature of authorized officer.
- G. Use data from approved Schedule of Values. Provide dollar value in each column for each line item for portion of work performed and for stored products.
- H. List each authorized Change Order as a separate line item, listing Change Order number and dollar amount as for an original item of Work.
- I. Submit one pencil/draft copy of each Application for Payment to the Architect/Engineer at least 7 days prior to the due date for the submission of the Application.
- J. Contractor or Architect/Engineer may schedule a Pay Request Meeting to review the pencil/draft copy of the Application for agreement with the progress of the Work.
- K. After receipt of Architect/Engineer's review comments, submit three final copies, signed and notarized, of each Application for Payment.
- L. Include the following with the application:
 - 1. Transmittal letter as specified for submittals in Section 01 30 00.
 - 2. Construction progress schedule, revised and current as specified in Section 01 30 00.
 - 3. Contractor's partial waiver of lien in the amount of the Application for Payment as well as trailing partial waivers of lien for subcontractors and suppliers who were included in the previous Application for Payment, to the extent of that payment.

- a. When an Application shows completion of a subcontractor or supplier item, submit a final or full waiver for that item.
 - b. Waivers of lien shall be submitted on forms and executed in a manner acceptable to the Owner.
 4. Email confirmations and copies of certified transcripts of payroll records accompanying those confirmations from the Illinois Department of Labor for the Contractor and for all Subcontractors and Sub-subcontractors employed on the Project who performed work on the Project during the Payment Period.
 - a. Contractor shall assemble his and all subcontractor and sub-subcontractor records prior to submitting each Application for Payment.
 - b. Applications for Payment submitted without IDOL confirmation emails and transcripts or with missing IDOL confirmation emails or transcripts will result in payment being delayed until the Contractor complies fully with the requirements set forth in the preceding paragraphs.
 5. Affidavits attesting to products or equipment suitably stored off-site in a bonded warehouse. Payments for materials stored off-site shall be conditioned upon submission of bills of sale, applicable insurance, and any other documentation or procedures satisfactory to the Owner to establish the Owner's title to such materials, or otherwise protect the Owner's interest.
- M. When Architect/Engineer requires substantiating information, submit data justifying dollar amounts in question. Provide one copy of data with cover letter for each copy of submittal. Show application number and date, and line item by number and description.

1.05 MODIFICATION PROCEDURES

- A. Submit name of the individual authorized to receive change documents and who will be responsible for informing others in Contractor's employ or subcontractors of changes to the Contract Documents.
- B. For minor changes not involving an adjustment to the Contract Sum or Contract Time, Architect/Engineer will issue instructions directly to Contractor.
- C. For other required changes, Architect/Engineer will issue a document signed by Owner instructing Contractor to proceed with the change, for subsequent inclusion in a Change Order.
 1. The document will describe the required changes and will designate method of determining any change in Contract Sum or Contract Time.
 2. Promptly execute the change.
- D. For changes for which advance pricing is desired, Architect/Engineer will issue a document that includes a detailed description of a proposed change with supplementary or revised drawings and specifications, a change in Contract Time for executing the change with a stipulation of any overtime work required and the period of time during which the requested price will be considered valid. Contractor shall prepare and submit a fixed price quotation within ten (10) days.
- E. Contractor may propose a change by submitting a request for change to Architect/Engineer, describing the proposed change and its full effect on the Work, with a statement describing the reason for the change, and the effect on the Contract Sum and Contract Time with full documentation and a statement describing the effect on Work by separate or other contractors. Document any requested substitutions in accordance with Section 01 60 00.

- F. Computation of Change in Contract Amount: As specified in the Agreement and Conditions of the Contract.
1. For change requested by Architect/Engineer for work falling under a fixed price contract, the amount will be based on Contractor's price quotation.
 2. For change requested by Contractor, the amount will be based on the Contractor's request for a Change Order as approved by Architect/Engineer.
 3. For pre-determined unit prices and quantities, the amount will be based on the fixed unit prices.
 4. For change ordered by Architect/Engineer without a quotation from Contractor, the amount will be determined by Architect/Engineer based on the Contractor's substantiation of costs as specified for Time and Material work.
- G. Substantiation of Costs: Provide full information required for evaluation.
1. On request, provide the following data:
 - a. Quantities of products, labor, and equipment.
 - b. Taxes, insurance, and bonds.
 - c. Overhead and profit.
 - d. Justification for any change in Contract Time.
 - e. Credit for deletions from Contract, similarly documented.
 2. Support each claim for additional costs with additional information:
 - a. Origin and date of claim.
 - b. Dates and times work was performed, and by whom.
 - c. Time records and wage rates paid.
 - d. Invoices and receipts for products, equipment, and subcontracts, similarly documented.
 3. For Time and Material work, submit itemized account and supporting data after completion of change, within time limits indicated in the Conditions of the Contract.
- H. Execution of Change Orders: Architect/Engineer will issue Change Orders for signatures of parties as provided in the Conditions of the Contract.
- I. After execution of Change Order, promptly revise Schedule of Values and Application for Payment forms to record each authorized Change Order as a separate line item and adjust the Contract Sum.
- J. Promptly revise progress schedules to reflect any change in Contract Time, revise sub-schedules to adjust times for other items of work affected by the change, and resubmit.
- K. Promptly enter changes in Project Record Documents.

1.06 APPLICATION FOR FINAL PAYMENT

- A. Prepare Application for Final Payment as specified for progress payments, identifying total adjusted Contract Sum, previous payments, and sum remaining due.
- B. Application for Final Payment will not be considered until the following have been accomplished:
1. All closeout procedures specified in Section 01 70 00.
 2. Procedures outlined in Article 9 of the General Conditions as amended.
 3. Additional closeout procedures specified in Section 01 77 00.
- C. The submittal of Final Waiver of Lien and the acceptance of the final payment by the Contractor shall be held to be a waiver of any and all claims against the Owner arising from, out of, or in any

connection with the Contract.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 01 21 00
ALLOWANCES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Contingency allowance.
- B. Payment and modification procedures relating to allowances.

1.02 RELATED REQUIREMENTS

- A. Section 01 20 00 - Price and Payment Procedures: Additional payment and modification procedures.

1.03 CONTINGENCY ALLOWANCES

- A. Contractor's costs for products, delivery, installation, labor, payroll, taxes and equipment rental will be included in Change Orders authorizing expenditure of funds from this Contingency Allowance.
- B. Funds will be drawn from the Contingency Allowance only by Change Order.
- C. Bond, insurance, overhead and profit fees on Change Orders paid out of Contingency Allowances will not be permitted. The Contractor must carry in its Base Bid OH&P costs on Contingency Allowance funds expenditures.
- D. At closeout of Contract, funds remaining in Contingency Allowance will be credited to Owner by Change Order.

1.04 ALLOWANCES SCHEDULE

- A. Contingency Allowance: Include in the Base Bid the stipulated sum of \$10,000.00 for use upon Owner's instructions.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 01 23 00
ALTERNATES**

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Description of Alternates.

1.02 RELATED REQUIREMENTS

A. Owner's bidding and procurement requirements.

1.03 ACCEPTANCE OF ALTERNATES

A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option.
Accepted Alternates will be identified in the Owner-Contractor Agreement.

B. Coordinate related work and modify surrounding work to integrate the Work of each Alternate.

1.04 SCHEDULE OF ALTERNATES

A. Alternate No. 1 - Painting of Exterior Exposed Steel: State the amount to be added to the Base Bid to provide surface prep and painting of exposed steel beam along North elevation as depicted on Drawing A700 and as specified in Section 09 90 00 - Painting and Coating.

B. Alternate No. 2 - Cleaning of Existing TPO Roof: State the amount to be added to the Base Bid to provide thorough cleaning of existing TPO roof surfaces to remove accumulated sediment and staining, as indicated on Drawing A330.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 01 30 00
ADMINISTRATIVE REQUIREMENTS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. General administrative requirements.
- B. Preconstruction meeting.
- C. Progress meetings.
- D. Construction progress schedule.
- E. Architect/Engineer-provided CAD files.
- F. Requests for Information (RFI) procedures.
- G. Submittals for review, information, and project closeout.
- H. Number of copies of submittals.
- I. Submittal procedures.

1.02 RELATED REQUIREMENTS

- A. Owner's bidding and procurement requirements.
- B. Section 01 60 00 - Product Requirements: General product requirements.
- C. Section 01 70 00 - Execution and Closeout Requirements: Additional coordination requirements.
- D. Section 01 78 00 - Closeout Submittals: Project record documents; operation and maintenance data; warranties and bonds.

1.03 GENERAL ADMINISTRATIVE REQUIREMENTS

- A. Comply with requirements of Section 01 70 00 - Execution and Closeout Requirements for coordination of execution of administrative tasks with timing of construction activities.
- B. Make the following types of submittals to Architect/Engineer:
 - 1. Requests for Information (RFI).
 - 2. Requests for substitution.
 - 3. Shop drawings, product data, and samples.
 - 4. Test and inspection reports.
 - 5. Design data.
 - 6. Manufacturer's instructions and field reports.
 - 7. Applications for payment and change order requests.
 - 8. Progress schedules.
 - 9. Coordination drawings.
 - 10. Correction Punch List and Final Correction Punch List for Substantial Completion.
 - 11. Closeout submittals.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 PRECONSTRUCTION MEETING

- A. Architect/Engineer will schedule a meeting and prepare agenda after Notice of Award.
- B. Attendance required:
 - 1. Owner.
 - 2. Architect/Engineer.
 - 3. Contractor.
- C. Agenda:
 - 1. Execution of Owner-Contractor Agreement.
 - 2. Submission of executed bonds and insurance certificates.
 - 3. Distribution of Contract Documents.
 - 4. Submission of list of subcontractors, list of products, schedule of values, and progress schedule.
 - 5. Designation of personnel representing the parties to Contract and Architect/Engineer.
 - 6. Procedures and processing of field decisions, Submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
 - 7. Scheduling.
- D. Architect will record minutes and distribute after meeting to participants.

3.02 PROGRESS MEETINGS

- A. Make arrangements for meetings, prepare agenda with copies for participants, preside at meetings.
- B. Attendance Required:
 - 1. Contractor.
 - 2. Owner.
 - 3. Architect/Engineer.
 - 4. Contractor's superintendent.
- C. Agenda:
 - 1. Review minutes of previous meetings.
 - 2. Review of work progress.
 - 3. Field observations, problems, and decisions.
 - 4. Identification of problems that impede, or will impede, planned progress.
 - 5. Review of Submittals schedule and status of Submittals.
 - 6. Maintenance of progress schedule.
 - 7. Corrective measures to regain projected schedules.
 - 8. Planned progress during succeeding work period.
 - 9. Maintenance of quality and work standards.
 - 10. Effect of proposed changes on progress schedule and coordination.
 - 11. Other business relating to work.
- D. Record minutes and distribute within 2 days after meeting to participants, and to Architect/Engineer, Owner, participants, and those affected by decisions made.

3.03 CONSTRUCTION PROGRESS SCHEDULE

- A. If preliminary schedule requires revision after review, submit revised schedule within 7 days.
- B. Submit updated schedule with each Application for Payment.

3.04 ARCHITECT/ENGINEER-PROVIDED CAD FILES

- A. After the execution of the Contract, Architect/Engineer will provide, free of charge, upon receipt of a properly completed and signed request utilizing "Electronic Data Transfer Consent Form" at the end of this Specification Section, CAD files depicting graphic information for the project as follows:
 - 1. Architectural Floor Plans: Column grid, walls, floors, stairs, doors, windows, room numbers, ceiling grid, mechanical diffusers, plumbing fixtures, sprinkler heads (if depicted in Bid Documents) and lights.
- B. Contractor acknowledges and accepts that the Architectural Floor Plans do not contain structural, mechanical, electrical, plumbing, fire protection and other building systems information depicted in the Bidding Documents. Examples of information not contained in these files include, but are not limited to, title blocks, keynotes, schedules, mechanical ductwork and equipment, electrical device symbols, circuit numbers and home runs, plumbing equipment, piping runs and riser diagrams, and architectural/engineering text or details. No other CAD files, data or information will be provided.
- C. Only requests from Prime Contractors will be honored. Subcontractors must obtain the files from their respective Prime Contractors.
- D. In submitting a request, Contractor acknowledges that:
 - 1. Architect/Engineer bears no responsibility for the data or its transmission,
 - 2. Use of the data by the Contractor or his Subcontractors in no way relieves the Contractor of his obligations under the Contract,
 - 3. Contractor is solely liable for any and all claims arising from any and all products generated by the Contractor or its Subcontractors employing the data,
 - 4. Contractor and its Subcontractors have a limited, non-exclusive license to use the data solely in connection with the Work of the Project, and that
 - 5. Architect/Engineer retains all rights, including copyright, to the data.

3.05 REQUESTS FOR INFORMATION (RFI)

- A. Definition: A request seeking one of the following:
 - 1. An interpretation, amplification, or clarification of some requirement of Contract Documents arising from inability to determine from them the exact material, process, or system to be installed; or when the elements of construction are required to occupy the same space (interference); or when an item of work is described differently at more than one place in Contract Documents.
 - 2. A resolution to an issue which has arisen due to field conditions and affects design intent.
- B. Whenever possible, request clarifications at the next appropriate project progress meeting, with response entered into meeting minutes, rendering unnecessary the issuance of a formal RFI.
- C. Preparation: Prepare an RFI immediately upon discovery of a need for interpretation of Contract Documents. Failure to submit a RFI in a timely manner is not a legitimate cause for claiming additional costs or delays in execution of the work.
 - 1. Prepare a separate RFI for each specific item.

- a. Review, coordinate, and comment on requests originating with subcontractors and/or materials suppliers.
 - b. Do not forward requests which solely require internal coordination between subcontractors.
 2. Prepare in a format and with content acceptable to Owner.
 - a. Use AIA G716 - Request for Information .
 3. Combine RFI and its attachments into a single electronic file. PDF format is preferred.
- D. Reason for the RFI: Prior to initiation of an RFI, carefully study all Contract Documents to confirm that information sufficient for their interpretation is definitely not included.
1. Include in each request Contractor's signature attesting to good faith effort to determine from Contract Documents information requiring interpretation.
 2. Unacceptable Uses for RFIs: Do not use RFIs to request the following:
 - a. Approval of submittals (use procedures specified elsewhere in this section).
 - b. Approval of substitutions (see Section - 01 60 00 - Product Requirements)
 - c. Changes that entail change in Contract Time and Contract Sum (comply with provisions of the Conditions of the Contract).
 - d. Different methods of performing work than those indicated in the Contract Drawings and Specifications (comply with provisions of the Conditions of the Contract).
 3. Improper RFIs: Requests not prepared in compliance with requirements of this section, and/or missing key information required to render an actionable response. They will be returned without a response, with an explanatory notation.
 4. Frivolous RFIs: Requests regarding information that is clearly indicated on, or reasonably inferable from, Contract Documents, with no additional input required to clarify the question. They will be returned without a response, with an explanatory notation.
 - a. The Owner reserves the right to assess the Contractor for the costs (on time-and-materials basis) incurred by the Architect/Engineer, and any of its consultants, due to processing of such RFIs.
- E. Content: Include identifiers necessary for tracking the status of each RFI, and information necessary to provide an actionable response.
1. Official Project name and number, and any additional required identifiers established in Contract Documents.
 2. Owner's, Architect/Engineer's, and Contractor's names.
 3. Discrete and consecutive RFI number, and descriptive subject/title.
 4. Issue date, and requested reply date.
 5. Reference to particular Contract Document(s) requiring additional information/interpretation. Identify pertinent drawing and detail number and/or specification section number, title, and paragraph(s).
 6. Annotations: Field dimensions and/or description of conditions which have engendered the request.
 7. Contractor's suggested resolution: A written and/or a graphic solution, to scale, is required in cases where clarification of coordination issues is involved, for example; routing, clearances, and/or specific locations of work shown diagrammatically in Contract Documents. If applicable, state the likely impact of the suggested resolution on Contract Time or the Contract Sum.
- F. Attachments: Include sketches, coordination drawings, descriptions, photos, submittals, and other information necessary to substantiate the reason for the request.
- G. RFI Log: Prepare and maintain a tabular log of RFIs for the duration of the project.

1. Indicate current status of every RFI. Update log promptly and on a regular basis.
 2. Note dates of when each request is made, and when a response is received.
 3. Highlight items requiring priority or expedited response.
 4. Highlight items for which a timely response has not been received to date.
 5. Identify and include improper or frivolous RFIs.
- H. Review Time: Architect/Engineer will respond and return RFIs to Contractor within seven calendar days of receipt. For the purpose of establishing the start of the mandated response period, RFIs received after 3:00 PM will be considered as having been received on the following regular working day.
1. Response period may be shortened or lengthened for specific items, subject to mutual agreement, and recorded in a timely manner in progress meeting minutes.
- I. Responses: Content of answered RFIs will not constitute in any manner a directive or authorization to perform extra work or delay the project. If in Contractor's belief it is likely to lead to a change to Contract Sum or Contract Time, promptly issue a notice to this effect, and follow up with an appropriate Change Order request to Owner.
1. Response may include a request for additional information, in which case the original RFI will be deemed as having been answered, and an amended one is to be issued forthwith. Identify the amended RFI with an R suffix to the original number.
 2. Do not extend applicability of a response to specific item to encompass other similar conditions, unless specifically so noted in the response.
 3. Upon receipt of a response, promptly review and distribute it to all affected parties, and update the RFI Log.
 4. Notify Architect/Engineer within seven calendar days if an additional or corrected response is required by submitting an amended version of the original RFI, identified as specified above.

3.06 SUBMITTAL SCHEDULE

- A. Submit to Architect/Engineer for review a schedule for submittals in tabular format.
1. Submit at the same time as the preliminary schedule.
 2. Coordinate with Contractor's construction schedule and schedule of values.
 3. Format schedule to allow tracking of status of submittals throughout duration of construction.
 4. Arrange information to include scheduled date for initial submittal, specification number and title, submittal category (for review or for information), description of item of work covered, and role and name of subcontractor.
 5. Account for time required for preparation, review, manufacturing, fabrication and delivery when establishing submittal delivery and review deadline dates.
 - a. For assemblies, equipment, systems comprised of multiple components and/or requiring detailed coordination with other work, allow for additional time to make corrections or revisions to initial submittals, and time for their review.

3.07 SUBMITTALS FOR REVIEW

- A. When the following are specified in individual sections, submit them for review:
1. Product data.
 2. Shop drawings.
 3. Samples for selection.
 4. Samples for verification.

- B. Submit to Architect/Engineer for review for the limited purpose of checking for compliance with information given and the design concept expressed in Contract Documents.
- C. Samples will be reviewed for aesthetic, color, or finish selection.
- D. After review, provide copies and distribute in accordance with Submittal PROCEDURES article below and for record documents purposes described in Section 01 78 00 - Closeout Submittals.

3.08 SUBMITTALS FOR INFORMATION

- A. When the following are specified in individual sections, submit them for information:
 - 1. Design data.
 - 2. Certificates.
 - 3. Test reports.
 - 4. Inspection reports.
 - 5. Manufacturer's instructions.
 - 6. Manufacturer's field reports.
 - 7. Other types indicated.
- B. Submit for Architect/Engineer's knowledge as contract administrator or for Owner.

3.09 SUBMITTALS FOR PROJECT CLOSEOUT

- A. Submit Correction Punch List for Substantial Completion.
- B. Submit Final Correction Punch List for Substantial Completion.
- C. When the following are specified in individual sections, submit them at project closeout in compliance with requirements of Section 01 78 00 - Closeout Submittals:
 - 1. Project record documents.
 - 2. Operation and maintenance data.
 - 3. Warranties.
 - 4. Bonds.
 - 5. Other types as indicated.
- D. Submit for Owner's benefit during and after Project completion.

3.10 NUMBER OF COPIES OF SUBMITTALS

- A. Documents for Review:
 - 1. Submit via email in Adobe PDF electronic file format at native sheet size and right-side up. Architect/Engineer will return via email a reviewed copy in Adobe PDF electronic file format. Files not properly sized and rotated will be rejected. Illegible files will be rejected.
- B. Documents for Information: Submit via email in Adobe PDF electronic file format. Submitted documents are for Architect/Engineer's information and reference only, and will not be reviewed or returned.
- C. Samples: Submit the number specified in individual specification sections; one of which will be retained by Architect/Engineer.
 - 1. Submit original, physical samples. With each physical sample, submit Adobe PDF electronic copies of scanned physical original samples. Architect/Engineer will return via email a reviewed scanned copy in Adobe PDF electronic file format.

2. Retained samples will not be returned to Contractor unless specifically so stated.

3.11 SUBMITTAL PROCEDURES

A. General Requirements:

1. Use a single transmittal for related items.
2. Submit separate packages of submittals for review and submittals for information, when included in the same specification section.
3. Transmit using approved form.
4. Number each submittal. Prefix the submittal number with the Specification Section number to which the submittal pertains. For revised submittals use original number and a sequential alphanumeric suffix. **Items submitted without a Specification Section number, or with an incorrect Specification Section number will delay the review process.**
5. Identify: Project; Contractor; subcontractor or supplier; pertinent drawing and detail number; and specification section number, article and paragraph, as appropriate on each copy.
6. Correlate submitted items with specified products; clearly indicate the specified product that corresponds to each submitted item. **Submitted items not clearly correlated with specified items will delay the review process.**
7. When options or optional features available for a Product are indicated in a Submittal, and selections for those options/features are indicated in the Contract Documents, identify on the Submittal the selection indicated in the Contract Documents. **Submittals that fail to identify specified options or optional features may be returned marked "Rejected" or "Revise and Resubmit".**
8. Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of products required, field dimensions, adjacent construction work, and coordination of information is in accordance with the requirements of the work and Contract Documents.
 - a. Submittals from sources other than the Contractor, or without Contractor's transmittal will not be acknowledged, reviewed, or returned.
9. Deliver each submittal on date noted in submittal schedule, unless an earlier date has been agreed to by all affected parties, and is of the benefit to the project.
 - a. Deliver submittals to Architect/Engineer at business address.
10. Schedule submittals to expedite the Project, and coordinate submission of related items.
 - a. For each submittal for review, allow 15 days excluding delivery time to and from the Contractor.
 - b. For sequential reviews involving Architect/Engineer's consultants, Owner, or another affected party, allow an additional 7 days.
11. Clearly identify variations from the Contract Documents. Regardless of the type of variation, Contractor is solely responsible for errors in the field or performance issues that arise from Submittal variations from the requirements of the Contract Documents if those variations were not expressly noted to specifically identify for and describe to the reviewer the nature of the variation from the Contract Documents.
12. Provide space for Contractor's review stamp and a 4 inch x 3 inch clear space for Architect/Engineer's review stamp.
13. Promptly return submittals marked "Rejected" or "Revise and Resubmit" to originating subcontractor supplier, and faithfully ensure the prompt resubmittal of the correct or revised information.
14. When revised for resubmission, identify all changes made since previous submission. Use clouds, highlights or other means acceptable to Architect/Engineer. **Resubmittals that do not**

clearly identify all changes may be delayed and/or returned to the Contractor unreviewed.

15. Contractor is entitled to one (1) resubmittal of each Submittal For Review or Submittal For Project Closeout rejected by Architect/Engineer or returned by Architect/Engineer for further action. Thereafter, Contractor shall pay the cost of all further Architect/Engineer reviews of any Submittal For Review or Submittal for Project Closeout, at a rate of \$200.00/hour. Cost of such further reviews will be deducted from the Contract Sum by Change Order.
16. Promptly distribute and coordinate the requirements of reviewed submittals with affected parties. Instruct parties to promptly report inability to comply with requirements.
17. Where indicated on the Drawings or in respective product specification Sections, submit reviewed submittals to Authority Having Jurisdiction (AHJ).
18. Incomplete submittals will not be reviewed, unless they are partial submittals for distinct portion(s) of the work, and have received prior approval for their use.
19. Submittals not requested will be returned "Not Reviewed".

B. Product Data Procedures:

1. Submit only information required by individual specification sections.
2. Collect required information into a single submittal.
3. Submit concurrently with related shop drawing submittal.
4. Do not submit (Material) Safety Data Sheets for materials or products.

C. Shop Drawing Procedures:

1. Prepare accurate, drawn-to-scale, original shop drawing documentation by interpreting Contract Documents and coordinating related work.
2. Use of reproductions of the Contract Documents in digital data form to create shop drawings is only permitted as defined above under Architect/Engineer-Provided CAD Files.
3. Generic, non-project-specific information submitted as shop drawings do not meet the requirements for shop drawings.

D. Samples Procedures:

1. Transmit related items together as single package.
2. When relevant, identify each item to allow review for applicability in relation to shop drawings showing installation locations.

E. Submittal reviews may be delayed and/or Submittals may be returned marked "Rejected" or "Revise and Resubmit" for any of the following reasons:

1. Submittals submitted outside the scheduled dates of the Submittal Schedule.
2. Submittals are incomplete or are missing information.
3. Submittals are not submitted in accordance with procedures outlined in this Section, including, but not limited to:
 - a. Specification Section number not indicated on submittal or transmittal.
 - b. Contractor's review stamp missing.
 - c. Submitted items not correlated with specified products.
 - d. Re-submitted items not clearly identifying changes.

3.12 SUBMITTAL REVIEW

- A. Submittals for Review:** Architect/Engineer will review each submittal, and approve, or take other appropriate action.

- B. Submittals for Information: Architect/Engineer will not acknowledge receipt, and take no other action.
- C. Architect/Engineer's actions will be reflected by marking each returned submittal using virtual stamp on electronic submittals.
 - 1. Notations may be made directly on submitted items and/or listed on appended Submittal Review cover sheet.
- D. Architect/Engineer's and consultants' actions on items submitted for review:
 - 1. Authorizing purchasing, fabrication, delivery, and installation:
 - a. "No Exception Taken", or language with same legal meaning.
 - 1) Resubmission is not required or requested.
 - 2) Resubmitted items will not be acknowledged.
 - b. "Make Corrections Noted", or language with same legal meaning.
 - 1) Resubmission is not required or requested.
 - 2) Resubmitted items may be returned marked "Not Requested, Not Reviewed".
 - 2. Not Authorizing fabrication, delivery, and installation:
 - a. "Revise and Resubmit".
 - 1) Resubmit revised item, with review notations acknowledged and incorporated.
 - 2) Clearly identify all revisions.
 - 3) Non-responsive resubmittals may be rejected.
 - b. "Rejected".
 - 1) Submit item complying with requirements of Contract Documents.
 - c. "Submit Specified Item".
 - 1) Submit item complying with requirements of Contract Documents.

END OF SECTION

ELECTRONIC DATA TRANSFER CONSENT FORM

Project Name: PUBLIC WORKS FACADE IMPROVEMENTS
201 S. BOULEVARD
OAK PARK, ILLINOIS 60302

Project No.: 24-475-1536

Owner: VILLAGE OF OAK PARK

Your Work: _____

KLUBER, INC. (hereinafter referred to as "Kluber") an Illinois corporation, is providing electronic data to you solely at your request and for your convenience. By accepting and opening any of the electronic data files, you agree that Kluber bears no liability for the data or its transmission to you and that you are solely liable for any and all claims referring or relating to any and all products you, or your Subcontractors, may generate with the data.

You acknowledge that you have a limited non-exclusive license to use the information solely in connection with your work on the project captioned above, and that Kluber retains all rights, including copyright, to the data.

Acknowledged by: _____
(Printed Name) (Signature)

Company: _____

Date: _____ Email: _____

Architectural Floor Plans are transmitted for the contractors' use as backgrounds for shop drawings and as-built drawings, and, as such, contain graphic information for column grid, walls, floors, stairs, doors, windows, room numbers, ceiling grid, lights, diffusers and sprinkler heads where indicated on Bid Documents. Plans do not contain title blocks, keynotes, schedules, mechanical ductwork and equipment, electrical device symbols, circuit numbers and home runs, plumbing equipment, piping runs and riser diagrams, and architectural/engineering text and details. Plans depict entire floors and are not formatted, partial plans as depicted in the Bidding Documents. Files are provided in R2013 .DWG format.)

**SECTION 01 40 00
QUALITY REQUIREMENTS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Submittals.
- B. Control of installation.
- C. Tolerances.
- D. Defect Assessment.

1.02 RELATED REQUIREMENTS

- A. Section 01 41 00 - Regulatory Requirements.
- B. Section 01 42 00 - References.
- C. Section 01 60 00 - Product Requirements: Requirements for material and product quality.

1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Certificates: When specified in individual specification sections, submit certification by the manufacturer and Contractor or installation/application subcontractor to Architect/Engineer, in quantities specified for Product Data.
 - 1. Indicate material or product complies with or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
 - 2. Certificates may be recent or previous test results on material or product, but must be acceptable to Architect/Engineer.
- C. Manufacturer's Instructions: When specified in individual specification sections, submit printed instructions for delivery, storage, assembly, installation, start-up, adjusting, and finishing, for the Owner's information. Indicate special procedures, perimeter conditions requiring special attention, and special environmental criteria required for application or installation.

1.04 REGULATORY REQUIREMENTS - SEE SECTION 01 41 00

1.05 REFERENCES AND STANDARDS - SEE SECTION 01 42 00

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 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 Architect/Engineer 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. Have work performed by persons qualified to produce required and specified quality.
- F. Verify that field measurements are as indicated on shop drawings or as instructed by the manufacturer.
- G. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, and disfigurement.

3.02 TOLERANCES

- A. Monitor fabrication and installation tolerance control of 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/Engineer before proceeding.
- C. Adjust products to appropriate dimensions; position before securing products in place.

3.03 DEFECT ASSESSMENT

- A. Replace Work or portions of the Work not complying with specified requirements.
- B. If, in the opinion of Owner, it is not practical to remove and replace the work, Owner will direct an appropriate remedy or adjust payment.

END OF SECTION

**SECTION 01 41 00
REGULATORY REQUIREMENTS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. General.
- B. Definitions.
- C. Quality Assurance.
- D. Regulatory Requirements.

1.02 RELATED SECTIONS

- A. Section 01 10 00 - Summary.
- B. Section 01 42 00 - References.

1.03 GENERAL

- A. Comply with all applicable laws, rules, regulations, codes and ordinances.
- B. If the Contractor observes that the Contract Documents may be at variance with specified codes, notify the Architect/Engineer immediately. Architect/Engineer shall issue all changes in accordance with the General Conditions.
- C. It shall not be the Contractor's primary responsibility to make certain that the Contract Documents are in accordance with all applicable laws, rules and regulations, however, when the Contractor performs work knowing or having reason to know that the work in question is contrary to applicable laws, rules, and regulations, and fails to notify the Architect/Engineer, the Contractor shall pay all costs arising therefrom.

1.04 DEFINITIONS

- A. Definitions:
 - 1. Codes: Codes are statutory requirements, rules or regulations of governmental entities.
 - 2. Standards: Standards are requirements that have been established as accepted criteria, set general consent.

1.05 QUALITY ASSURANCE

- A. The Architect/Engineer has designed the project to applicable code requirements and has copies of said codes available for the Contractor's inspection.
- B. The Contractor shall:
 - 1. Ensure that copies of codes and standards referenced herein or specified in individual specifications sections are available to Contractor's personnel, agents, and Sub-Contractors.
 - 2. Ensure that Contractor's personnel, agents, and Sub-Contractors are familiar with the workmanship and requirements of applicable codes and standards.

1.06 REGULATORY REQUIREMENTS

- A. Source and Requirements: Verify amendments with local code officials.
 - 1. Local code requirements:

- a. ICC International Building Code, 2021 Edition.
 - b. ICC International Mechanical Code, 2021 Edition.
 - c. ICC International Fire Code, 2021 Edition.
 - d. ICC International Property Maintenance Code, 2021 Edition.
 - e. National Electrical Code, 2021 Edition.
2. State code requirements:
- a. Capital Development Board (CDB):
 - 1) Illinois Accessibility Code, 2018 Edition.
 - 2) Illinois Energy Conservation Code (ICC International Energy Conservation Code, 2021 Edition, with State of Illinois modifications).
 - b. Illinois Department of Labor (IDOL): Safety Glazing Materials Act - Illinois Revised Statutes, chap. 111 1/2, paragraph 3101, et seq.
 - c. Illinois Department of Public Health (IDPH):
 - 1) Illinois Plumbing Code (Illinois Administrative Code, Title 77, Chapter I, Subchapter r, Part 890).
 - d. Illinois Environmental Protection Agency (IEPA):
 - 1) Air-Pollution Standards.
 - 2) Noise Pollution Standards.
 - 3) Water Pollution Standards.
 - 4) Public Water Supplies
 - 5) Solid Waste Standards.
 - 6) Illinois Recommended Standards for Sewage Works (Illinois Administrative Code, Title 35, Subtitle C, Chapter II, Part 370).
 - e. Office of the Illinois State Fire Marshal (OSFM):
 - 1) Boiler & Pressure Vessel Safety Code (Illinois Administrative Code, Title 44, Chapter I, Part 120).
 - 2) Illinois Elevator Safety Rules (Illinois Administrative Code, Title 41, Chapter II, Part 1000).
 - a) ASME A17.1 - Safety Code For Elevators and Escalators, 2019 Edition.
 - 3) Illinois Rules & Regulations for Fire Prevention & Safety (as amended).
 - 4) Gasoline and Volatile Oils (Illinois Revised Statutes, chap. 17 1/2, paragraph 31, et seq.).
3. Information and Requirements for Utility Services: Local utility companies.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 01 42 00 REFERENCES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Drawing symbols, abbreviations and acronyms.
- B. Definitions of terms used throughout the Contract Documents.
- C. Explanation of specification format and content.
- D. Requirements relating to referenced standards.
- E. Applicability of referenced standards.
- F. List of industry organizations and certain of their respective documents.

1.02 DRAWING SYMBOLS AND CONVENTIONS

- A. Abbreviations and graphic symbols are defined on the General Notes, Symbols & Abbreviations sheet of the drawings.
- B. Generally, symbols used on the mechanical and electrical drawings conform to those recommended by ASHRAE, though, where appropriate, these symbols are supplemented by more specific symbols as recommended by ASME, ASPE, or the IEEE.

1.03 DEFINITIONS

- A. Where the terms "indicated", "noted", "scheduled", "shown", or "specified" are used it is to help locate the reference; no limitation on location is intended except as specifically noted.
- B. Where the terms "directed", "requested", "authorized", "approved", are used as in "directed by the Architect/Engineer", no implied meaning shall be construed to extend the Architect/Engineer's responsibilities into the Contractor's purview of construction supervision.
- C. Where the term "approved" is used in conjunction with the Architect/Engineer's action on submittals, requests or applications it is limited to the duties of the Architect/Engineer as described in the Agreement, and the General and Supplemental Conditions of the Contract. Such use of the term "approval" shall not limit or release the Contractor from his responsibility to fulfill Contract requirements.
- D. Where the term "regulations" is used it means all applicable statutes, laws, ordinances, and orders issued by authorities having jurisdiction, as well as construction industry standards, rules, or conventions that address performance of the Work.
- E. The "Project Site" is the space available to the Contractor for performance of construction activities. The Project Site may be for the exclusive use of the Contractor and his activities or may be used in conjunction with others performing other construction or related activities on the Project. Unless the extent of the Project Site is indicated on the Drawings, means the limits of the area within the property line of the parcel on which the Project is located, subject to the limitations and restrictions of local ordinance and the discretion of the Owner.

- F. Where the term "furnish" is used it means supply, deliver to, and unload and store at the Project Site until the Work is ready for the item to be assembled and incorporated into the Work.
- G. Where the term "install" is used it is meant to describe operations at the Project Site to include uncrating, assembling, placing, anchoring, connecting to utilities, finishing, protecting, cleaning and all other similar operations required to fully incorporate an item into the Work.
- H. Where the term "provide" is used it means "furnish and install" as defined above.
- I. Where the term "refurbish" is used it means refinish, repair and otherwise restore to like-new condition.
- J. Where the terms "remove" or "demolish" are used they mean safely disconnect from existing utilities, permanently extract from the Work and the Project Site, and legally dispose of off-site.
- K. Where the terms "temporarily remove" or "salvage" are used they mean safely disconnect from existing utilities and carefully extract from the Work so as to prevent damage to the item and the Work.
 - 1. If the item is to be reinstalled or relocated as part of the Work, these terms also mean clean, adjust, lubricate and otherwise restore to best possible condition without repair or refinishing.
 - 2. Otherwise, these terms also mean clean item surfaces and turn over to the Owner for storage and possible future use.
- L. Where the term "reinstall" is used it means the same as "install", with respect to a temporarily removed, salvaged or relocated item.
- M. Where the term "relocate" is used it means temporarily remove and reinstall in a new location.
- N. Where the phrase "salvage in place" is used it means protect in place so as to prevent damage while adjacent elements are demolished, restore to best possible condition without repair or refinishing, and modify as necessary to properly incorporate and integrate with the Work.

1.04 SPECIFICATION FORMAT AND CONTENT

- A. These Specifications are based on the Construction Specification Institute's 49 Division format and numbering system.
- B. Language used in the Specifications and other Contract Documents is an abbreviated type. Implied words and meanings will appropriately interpreted.
- C. Requirements expressed in imperative and streamlined language are to be performed by the Contractor. At certain locations in the text, subjective language may be used to describe responsibilities that must be fulfilled indirectly by the Contractor or others.
 - 1. Whenever a colon (:) is used within a sentence or phrase, it shall be construed to mean the words "shall be".
- D. Use of certain terms such as "carpentry" is not intended to imply that certain activities must be performed by accredited or unionized individuals of a corresponding generic name. The Specifications do, however, require that certain construction activities shall be performed by specialists who are recognized experts in the operations to be performed. Specialists shall be used for said activities, however the final responsibility for fulfilling the requirements of the Contract remains the Contractor's.

1.05 QUALITY ASSURANCE

- A. For products or workmanship specified by reference to a document or documents not included in the Project Manual, also referred to as reference standards, comply with requirements of the standard, except when more rigid requirements are specified or are required by applicable codes.
- B. Conform to reference standard of date of issue specified in this section, except where a specific date is established by applicable code.
- C. Obtain copies of standards when required by the Contract Documents.
- D. Maintain copy at project site during submittals, planning, and progress of the specific work, until Substantial Completion.
- E. Should specified reference standards conflict with Contract Documents, request clarification from the Architect/Engineer before proceeding.
- F. Neither the contractual relationships, duties, or responsibilities of the parties in Contract nor those of the Architect/Engineer shall be altered by the Contract Documents by mention or inference otherwise in any reference document.

1.06 APPLICABILITY OF INDUSTRY STANDARDS

- A. Construction industry standards shall have the same force and effect as if bound or copied directly in the Contract Documents, except where more stringent requirements are specified. All such applicable standards are made a part of the Contract Documents by reference.
 - 1. Where compliance with two or more standards are referenced and conflicting requirements for quality or quantities occur, comply with the more stringent requirements. Refer questions regarding apparently conflicting standards to the Architect/Engineer for a decision before proceeding.
 - 2. The standard of quality or quantity levels specified, shown, or referenced shall be the minimum to be provided or performed. Refer questions regarding standards of minimum quality or quantity to the Architect/Engineer before proceeding.

1.07 CONSTRUCTION INDUSTRY ORGANIZATIONS AND DOCUMENTS

AA -- ALUMINUM ASSOCIATION, INC.

AABC -- ASSOCIATED AIR BALANCE COUNCIL

AAMA -- AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION

AASHTO -- AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS

ACI -- AMERICAN CONCRETE INSTITUTE INTERNATIONAL

AISC -- AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.

ANSI -- AMERICAN NATIONAL STANDARDS INSTITUTE

ASHRAE -- AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

ASME -- THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

ASTM -- AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWI -- ARCHITECTURAL WOODWORK INSTITUTE
AWPA -- AMERICAN WOOD-PRESERVERS' ASSOCIATION
AWS -- AMERICAN WELDING SOCIETY
BHMA -- BUILDERS HARDWARE MANUFACTURERS ASSOCIATION
BIA -- BRICK INDUSTRY ASSOCIATION
CPSC -- CONSUMER PRODUCTS SAFETY COMMISSION
DHI -- DOOR AND HARDWARE INSTITUTE
DIN -- DEUTSCHES INSTITUT FUR NORMUNG
FM -- FACTORY MUTUAL RESEARCH CORPORATION
ICC -- INTERNATIONAL CODE COUNCIL, INC.
IEEE -- INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
ISO -- INTERNATIONAL STANDARDS ORGANIZATION
MFMA -- MAPLE FLOORING MANUFACTURERS ASSOCIATION
NAAMM -- THE NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS
NCMA -- NATIONAL CONCRETE MASONRY ASSOCIATION
NEBB -- NATIONAL ENVIRONMENTAL BALANCING BUREAU
NEMA -- NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA -- NATIONAL FIRE PROTECTION ASSOCIATION
NRCA -- NATIONAL ROOFING CONTRACTORS ASSOCIATION
PCI -- PRECAST/PRESTRESSED CONCRETE INSTITUTE
SDI -- STEEL DOOR INSTITUTE
SDI -- STEEL DECK INSTITUTE, INC.
SGCC -- SAFETY GLAZING CERTIFICATION COUNCIL
SIGMA - SEALED INSULATING GLASS MANUFACTURERS ASSOCIATION (See IGMA)
SJI -- STEEL JOIST INSTITUTE
SMACNA -- SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION, INC.
SSPC -- THE SOCIETY FOR PROTECTIVE COATINGS
TCA -- TILE COUNCIL OF AMERICA, INC.
UL -- UNDERWRITERS LABORATORIES INC.

WWPA -- WESTERN WOOD PRODUCTS ASSOCIATION

1.08 UNITED STATES GOVERNMENT AND RELATED AGENCIES/DOCUMENTS

CFR -- CODE OF FEDERAL REGULATIONS

CPSC -- CONSUMER PRODUCTS SAFETY COMMISSION

EPA -- ENVIRONMENTAL PROTECTION AGENCY

FS -- FEDERAL SPECIFICATIONS AND STANDARDS (General Services Administration)

GSA -- U.S. GENERAL SERVICES ADMINISTRATION

USGS -- UNITED STATES GEOLOGICAL SURVEY

1.09 STATE GOVERNMENT AND RELATED AGENCIES/DOCUMENTS

CDB -- ILLINOIS CAPITAL DEVELOPMENT BOARD

IDOL -- ILLINOIS DEPARTMENT OF LABOR

IDPH -- ILLINOIS DEPARTMENT OF PUBLIC HEALTH

IEPA -- ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

OSFM -- OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 01 50 00
TEMPORARY FACILITIES AND CONTROLS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Temporary telecommunications services.
- B. Temporary sanitary facilities.
- C. Temporary controls: Barriers, enclosures, and fencing.
- D. Security requirements.
- E. Vehicular access and parking.
- F. Waste removal facilities and services.

1.02 TEMPORARY UTILITIES

- A. Owner will provide the following:
 - 1. Electrical power and metering, consisting of connection to existing facilities.
 - 2. Water supply, consisting of connection to existing facilities.

1.03 TELECOMMUNICATIONS SERVICES

- A. Provide, maintain, and pay for telecommunications services to field office at time of project mobilization.
- B. Telecommunications services shall include:
 - 1. One (1) mobile cellular telephone for each of Contractor's and any Subcontractor's field personnel.

1.04 TEMPORARY SANITARY FACILITIES

- A. Use of existing facilities is permitted. Coordinate with Owner for specific facilities that will be available for Contractor use.
- B. Maintain daily in clean and sanitary condition.

1.05 BARRIERS

- A. Provide barriers to prevent unauthorized entry to construction areas, to prevent access to areas that could be hazardous to workers or the public, to allow for owner's use of site and to protect existing facilities and adjacent properties from damage from construction operations and demolition.
- B. Provide barricades and covered walkways required by governing authorities for public rights-of-way and for public access to existing building.
- C. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.

1.06 SECURITY

- A. Provide security and facilities to protect Work, existing facilities, and Owner's operations from unauthorized entry, vandalism, or theft.

B. Coordinate with Owner on required security requirements.

1.07 VEHICULAR ACCESS AND PARKING

- A. Comply with regulations relating to use of streets and sidewalks, access to emergency facilities, and access for emergency vehicles.
- B. Coordinate access and haul routes with governing authorities and Owner.
- C. Provide and maintain access to fire hydrants, free of obstructions.
- D. Provide means of removing mud from vehicle wheels before entering streets.
- E. Provide temporary parking areas to accommodate construction personnel. When site space is not adequate, provide additional off-site parking.

Existing parking areas may be used for construction parking.

1.08 WASTE REMOVAL

- A. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
- B. Provide containers with lids. Remove trash from site periodically.
- C. If materials to be recycled or re-used on the project must be stored on-site, provide suitable non-combustible containers; locate containers holding flammable material outside the structure unless otherwise approved by the authorities having jurisdiction.
- D. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.

1.09 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

- A. Remove temporary utilities, equipment, facilities, materials, prior to Date of Substantial Completion inspection.
- B. Clean and repair damage caused by installation or use of temporary work.
- C. Restore existing facilities used during construction to original condition.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 01 60 00
PRODUCT REQUIREMENTS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. General product requirements.
- B. Transportation, handling, storage and protection.
- C. Product option requirements.
- D. Substitution limitations.
- E. Procedures for Owner-supplied products.
- F. Maintenance materials, including extra materials, spare parts, tools, and software.

1.02 SUBMITTALS

- A. Product Data Submittals: Submit manufacturer's standard published data. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- B. Shop Drawing Submittals: Prepared specifically for this Project; indicate utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- C. Sample Submittals: Illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.
 - 1. For selection from standard finishes, submit samples of the full range of the manufacturer's standard colors, textures, and patterns.

1.03 QUALITY ASSURANCE

- A. Environmental Product Declaration (EPD): Publicly available, critically reviewed life cycle analysis having at least a cradle-to-gate scope.
 - 1. Good: Product-specific; compliant with ISO 14044.
 - 2. Better: Industry-wide, generic; compliant with ISO 21930, or with ISO 14044, ISO 14040, ISO 14025, and EN 15804; Type III third-party certification with external verification, in which the manufacturer is recognized as the program operator.
 - 3. Best: Commercial-product-specific; compliant with ISO 21930, or with ISO 14044, ISO 14040, ISO 14025, and EN 15804; Type III third-party certification with external verification, in which the manufacturer is recognized as the program operator.
 - 4. Where demonstration of impact reduction below industry average is required, submit both industry-wide and commercial-product-specific declarations; or submit at least 5 declarations for products of the same type by other manufacturers in the same industry.
- B. Health Product Declarations (HPD): Complete, published declaration with full disclosure of known hazards, prepared using one of the HPDC (HPD-OLT) online tools.

PART 2 PRODUCTS

2.01 NEW PRODUCTS

- A. Provide new products unless specifically required or permitted by Contract Documents.
- B. Designed, manufactured, and tested in accordance with industry standards.
- C. Where other criteria are met, Contractor shall give preference to products that:
 - 1. If used on interior, have lower emissions.
 - 2. If wet-applied, have lower VOC content.
 - 3. Are extracted, harvested, and/or manufactured closer to the location of the project.
 - 4. Have longer documented life span under normal use.
 - 5. Result in less construction waste.
 - 6. Are made of recycled materials.
 - 7. Have a published Environmental Product Declaration (EPD).
 - 8. Have a published Health Product Declaration (HPD).
 - 9. Have a published Manufacturer's Inventory of Chemical Content.

2.02 PRODUCT OPTIONS

- A. Products Specified by Reference Standards or by Description Only: Use any product meeting those standards or description.
- B. Products Specified by Naming One or More Manufacturers: Use a product of one of the manufacturers named and meeting specifications, no options or substitutions allowed.
- C. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named.

2.03 MAINTENANCE MATERIALS

- A. Furnish extra materials, spare parts, tools, and software of types and in quantities specified in individual specification sections.
- B. Deliver to Project site and place in location directed by Owner's representative; obtain Owner's signature on receipt for delivery prior to final payment. Submit signed receipts with Closeout Submittals.

PART 3 EXECUTION

3.01 SUBSTITUTION LIMITATIONS

- A. Substitutions Prior To Bid Opening: Architect/Engineer will consider a written request for substitution provided that such request is received at least seven (7) days prior to the Bid opening date. Requests received after that time will not be considered.
 - 1. Only Substitution Requests from Bidders will be considered.
 - 2. If a request is approved, the Architect/Engineer will issue and appropriate addendum not less than three (3) days prior to the Bid opening date.
- B. Substitutions After Notice of Award: Architect/Engineer will consider a request for substitution only from the Contractor and only under one or more of the following conditions:
 - 1. Substitution is required for compliance with final interpretation of code requirements or insurance regulations.

2. Specified product is not available through no fault of the Contractor.
 3. Specified product is not compatible with other specified materials/equipment.
 4. Manufacturer will not certify or warranty specified product as required.
- C. Document each request utilizing Substitution Request Form following this section with complete data substantiating compliance of proposed substitution with Contract Documents. Incomplete requests will not be considered. Submit a separate Substitution Request Form and accompanying documentation for each proposed substitution.
- D. Provide the following minimum documentation with each Substitution Request Form:
1. Product identification, manufacturer, product data including dimensions and weight, performance and installation instructions.
 2. Side-by-side itemized comparison of proposed substitution with specified product.
 3. Coordination information including other modifications required as a result of proposed substitution.
 4. Cost information including the effect of the proposed substitution on the Contract Sum.
- E. Sign and date the Substitution Request Form.
- F. A request for substitution constitutes a representation that the submitter:
1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product.
 2. Agrees to provide the same warranty for the substitution as for the specified product.
 3. Agrees to coordinate installation and make changes to other Work that may be required for the Work to be complete with no additional cost to Owner.
 4. Waives claims for additional costs or time extension that may subsequently become apparent.
 5. Agrees to reimburse Owner and Architect/Engineer for review or redesign services associated with re-approval by authorities having jurisdiction over the Project.
- G. Architect/Engineer will notify submitter in writing of decision to accept or reject request.
- H. Substitutions of products or product characteristics/components/options/accessories will not be considered when they are indicated or implied on Contractor's submittals, without separate written request, or when acceptance will require revision to the Contract Documents, whether rejection of said substitutions is expressly identified by Architect/Engineer on Contractor's submittals or not.

3.02 TRANSPORTATION AND HANDLING

- A. Package products for shipment in manner to prevent damage; for equipment, package to avoid loss of factory calibration.
- B. If special precautions are required, attach instructions prominently and legibly on outside of packaging.
- C. Coordinate schedule of product delivery to designated prepared areas in order to minimize site storage time and potential damage to stored materials.
- D. Transport and handle products in accordance with manufacturer's instructions.
- E. Transport materials in covered trucks to prevent contamination of product and littering of surrounding areas.

- F. Promptly inspect shipments to ensure that products comply with requirements, quantities are correct, and products are undamaged.
- G. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage, and to minimize handling.
- H. Arrange for the return of packing materials, such as wood pallets, where economically feasible.

3.03 STORAGE AND PROTECTION

- A. Designate receiving/storage areas for incoming products so that they are delivered according to installation schedule and placed convenient to work area in order to minimize waste due to excessive materials handling and misapplication.
- B. Store and protect products in accordance with manufacturers' instructions.
- C. Store with seals and labels intact and legible.
- D. Store sensitive products in weathertight, climate-controlled enclosures in an environment favorable to product.
- E. For exterior storage of fabricated products, place on sloped supports above ground.
- F. Protect products from damage or deterioration due to construction operations, weather, precipitation, humidity, temperature, sunlight and ultraviolet light, dirt, dust, and other contaminants.
- G. Comply with manufacturer's warranty conditions, if any.
- H. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.
- I. Prevent contact with material that may cause corrosion, discoloration, or staining.
- J. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.
- K. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

END OF SECTION

SUBSTITUTION REQUEST FORM

PROJECT: PUBLIC WORKS FAÇADE IMPROVEMENTS

SPECIFIED ITEM: _____

Specification Section	Page	Paragraph	Description
-----------------------	------	-----------	-------------

The undersigned requests consideration of the following:

PROPOSED SUBSTITUTION: _____

Attached data includes project description, specifications, drawings, photographs, performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents which the proposed substitution will require for its proper installation.

The undersigned certifies that the following paragraphs, unless modified by attachments, are correct:

1. The proposed substitution does not affect dimensions shown on drawings.
2. The undersigned will pay for changes to the building design, including engineering design, detailing, and construction costs caused by the requested substitution.
3. The proposed substitution will have no adverse effect on other trades, the construction schedule, or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.

The undersigned further states that the function, appearance, and quality of the proposed substitution are equivalent or superior to the specified item.

Printed Name

Signature

Date

Firm

Telephone

Email

Attachments (list):

For Use By The Architect/Engineer:

Accepted Accepted As Noted

Not Accepted Received Too Late

By: _____

Date: _____

Remarks:

**SECTION 01 70 00
EXECUTION AND CLOSEOUT REQUIREMENTS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Examination, preparation, and general installation procedures.
- B. Pre-installation meetings.
- C. Cutting and patching.
- D. Cleaning and protection.
- E. Closeout procedures, including Contractor's Correction Punch List, except payment procedures.

1.02 RELATED REQUIREMENTS

- A. Section 01 30 00 - Administrative Requirements: Submittals procedures, Electronic document submittal service.
- B. Section 01 40 00 - Quality Requirements: Testing and inspection procedures.
- C. Section 01 50 00 - Temporary Facilities and Controls
- D. Section 01 78 00 - Closeout Submittals: Project record documents, operation and maintenance data, warranties, and bonds.

1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

1.04 PROJECT CONDITIONS

- A. Ventilate enclosed areas to assist cure of materials, to dissipate humidity, and to prevent accumulation of dust, fumes, vapors, or gases.
- B. Dust Control: Execute work by methods to minimize raising dust from construction operations. Provide positive means to prevent air-borne dust from dispersing into atmosphere and over adjacent property.
 - 1. Provide dust-proof barriers between construction areas and areas continuing to be occupied by Owner.
- C. Noise Control: Provide methods, means, and facilities to minimize noise produced by construction operations.
- D. Pest and Rodent Control: Provide methods, means, and facilities to prevent pests and insects from damaging the work.
- E. Rodent Control: Provide methods, means, and facilities to prevent rodents from accessing or invading premises.
- F. Pollution Control: Provide methods, means, and facilities to prevent contamination of soil, water, and atmosphere from discharge of noxious, toxic substances, and pollutants produced by construction operations. Comply with federal, state, and local regulations.

1.05 COORDINATION

- A. Coordinate scheduling, submittals, and work of the various sections of the Project Manual to ensure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.
- B. Notify affected utility companies and comply with their requirements.
- C. Verify that utility requirements and characteristics of new operating equipment are compatible with building utilities. Coordinate work of various sections having interdependent responsibilities for installing, connecting to, and placing in service, such equipment.
- D. Coordinate space requirements, supports, and installation of mechanical and electrical work that are indicated diagrammatically on Drawings. Follow routing shown for pipes, ducts, and conduit, as closely as practicable; place runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
- E. In finished areas except as otherwise indicated, conceal pipes, ducts, and wiring within the construction. Coordinate locations of fixtures and outlets with finish elements.
- F. Coordinate completion and clean-up of work of separate sections.
- G. After Owner occupancy of premises, coordinate access to site for correction of defective work and work not in accordance with Contract Documents, to minimize disruption of Owner's activities.

PART 2 PRODUCTS

2.01 PATCHING MATERIALS

- A. New Materials: As specified in product sections; match existing products and work for patching and extending work.
- B. Type and Quality of Existing Products: Determine by inspecting and testing products where necessary, referring to existing work as a standard.
- C. Product Substitution: For any proposed change in materials, submit request for substitution described in Section 01 60 00 - Product Requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that existing site conditions and substrate surfaces are acceptable for subsequent work. Start of work means acceptance of existing conditions.
- B. Verify that existing substrate is capable of structural support or attachment of new work being applied or attached.
- C. Examine and verify specific conditions described in individual specification sections.
- D. Take field measurements before confirming product orders or beginning fabrication, to minimize waste due to over-ordering or misfabrication.
- E. Verify that utility services are available, of the correct characteristics, and in the correct locations.

- F. Prior to Cutting: Examine existing conditions prior to commencing work, including elements subject to damage or movement during cutting and patching. After uncovering existing work, assess conditions affecting performance of work. Beginning of cutting or patching means acceptance of existing conditions.

3.02 PREPARATION

- A. Clean substrate surfaces prior to applying next material or substance.
- B. Seal cracks or openings of substrate prior to applying next material or substance.
- C. Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying any new material or substance in contact or bond.

3.03 PREINSTALLATION MEETINGS

- A. When required in individual specification sections, convene a preinstallation meeting at the site prior to commencing work of the section.
- B. Require attendance of parties directly affecting, or affected by, work of the specific section.
- C. Notify Architect/Engineer four days in advance of meeting date.
- D. Prepare agenda and preside at meeting:
 - 1. Review conditions of examination, preparation and installation procedures.
 - 2. Review coordination with related work.
- E. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect/Engineer, Owner, participants, and those affected by decisions made.

3.04 GENERAL INSTALLATION REQUIREMENTS

- A. Install products as specified in individual sections, in accordance with manufacturer's instructions and recommendations, and so as to avoid waste due to necessity for replacement.
- B. Make vertical elements plumb and horizontal elements level, unless otherwise indicated.
- C. Install equipment and fittings plumb and level, neatly aligned with adjacent vertical and horizontal lines, unless otherwise indicated.
- D. Make consistent texture on surfaces, with seamless transitions, unless otherwise indicated.
- E. Make neat transitions between different surfaces, maintaining texture and appearance.

3.05 CUTTING AND PATCHING

- A. Whenever possible, execute the work by methods that avoid cutting or patching.
- B. Perform whatever cutting and patching is necessary to:
 - 1. Complete the work.
 - 2. Fit products together to integrate with other work.
 - 3. Provide openings for penetration of mechanical, electrical, and other services.
 - 4. Match work that has been cut to adjacent work.
 - 5. Repair areas adjacent to cuts to required condition.
 - 6. Repair new work damaged by subsequent work.
 - 7. Remove samples of installed work for testing when requested.

- 8. Remove and replace defective and non-complying work.
- C. Execute work by methods that avoid damage to other work and that will provide appropriate surfaces to receive patching and finishing. In existing work, minimize damage and restore to original condition.
- D. Employ original installer to perform cutting for weather exposed and moisture resistant elements, and sight exposed surfaces.
- E. Cut rigid materials using masonry saw or core drill. Pneumatic tools not allowed without prior approval.
- F. Restore work with new products in accordance with requirements of Contract Documents.
- G. Fit work air tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- H. At penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids with fire rated material , to full thickness of the penetrated element.
- I. Patching:
 - 1. Finish patched surfaces to match finish that existed prior to patching. On continuous surfaces, refinish to nearest intersection or natural break. For an assembly, refinish entire unit.
 - 2. Match color, texture, and appearance.
 - 3. Repair patched surfaces that are damaged, lifted, discolored, or showing other imperfections due to patching work. If defects are due to condition of substrate, repair substrate prior to repairing finish.

3.06 PROGRESS CLEANING

- A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition.
- B. Remove debris and rubbish from closed or remote spaces, prior to enclosing the space.
- C. Broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust.
- D. Collect and remove waste materials, debris, and trash/rubbish from site periodically and dispose off-site; do not burn or bury.

3.07 PROTECTION OF INSTALLED WORK

- A. Protect installed work from damage by construction operations.
- B. Provide special protection where specified in individual specification sections.
- C. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.
- D. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, or movement of heavy objects, by protecting with durable sheet materials.
- E. Remove protective coverings when no longer needed; reuse or recycle coverings if possible.

3.08 FINAL CLEANING

- A. Execute final cleaning prior to final project assessment.
 - 1. Clean areas to be occupied by Owner prior to final completion before Owner occupancy.
- B. Use cleaning materials that are nonhazardous.
- C. Clean equipment and fixtures to a sanitary condition with cleaning materials appropriate to the surface and material being cleaned.
- D. Clean site; sweep paved areas.
- E. Remove waste, surplus materials, trash/rubbish, and construction facilities from the site; dispose of in legal manner; do not burn or bury.

3.09 CLOSEOUT PROCEDURES

- A. See Section 01 77 00 for additional requirements.
- B. Make submittals that are required by governing or other authorities.
- C. Accompany Project Coordinator on preliminary inspection to determine items to be listed for completion or correction in the Contractor's Correction Punch List for Contractor's Notice of Substantial Completion.
- D. Notify Architect/Engineer when work is considered ready for Architect/Engineer's Substantial Completion inspection.
- E. Submit written certification containing Contractor's Correction Punch List, that Contract Documents have been reviewed, work has been inspected, and that work is complete in accordance with Contract Documents and ready for Architect/Engineer's Substantial Completion inspection.
- F. Conduct Substantial Completion inspection and create Final Correction Punch List containing Architect/Engineer's and Contractor's comprehensive list of items identified to be completed or corrected and submit to Architect/Engineer.
- G. Correct items of work listed in Final Correction Punch List and comply with requirements for access to Owner-occupied areas.
- H. Notify Architect/Engineer when work is considered finally complete and ready for Architect/Engineer's Substantial Completion final inspection.
- I. Complete items of work determined by Architect/Engineer listed in executed Certificate of Substantial Completion.

END OF SECTION

**SECTION 01 77 00
CLOSEOUT PROCEDURES**

PART 1 GENERAL

1.01 SECTION INCLUDES:

- A. Substantial Completion Procedures.
- B. Final Completion Procedures.

1.02 RELATED REQUIREMENTS:

- A. Section 01 10 00 - Summary.
- B. Section 01 78 00 - Closeout Submittals.

1.03 SUBSTANTIAL COMPLETION PROCEDURES

- A. Substantial Completion Procedures will be in accordance with the Owner's General Conditions of the Contract for Construction, and include the following:
 - 1. When the Work or a portion of the Work is considered to be substantially complete, the Contractor inspects the project and prepares a comprehensive list of outstanding items to be completed or corrected, Initial Punch List.
 - 2. Contractor submits notice of Substantial Completion.
 - 3. Contractor completes items on the Initial Punch List.
 - 4. Architect/Engineer inspects the project to verify substantial completion and prepares a Final Punch List.
 - 5. Architect/Engineer prepares Certificate of Substantial Completion, acceptance is required by Owner and Contractor.

1.04 FINAL COMPLETION PROCEDURES

- A. Final Completion Procedures will be in accordance with the Owner's General Conditions of the Contract for Construction, and include the following:
 - 1. When items on Initial and Final Punch Lists are complete, submit notice of final completion and final application for payment.
 - 2. Submit Final Closeout Submittals as specified in Section 01 78 00.
 - 3. Architect will inspect project and verifies the Work is acceptable and conforms with the Contract Documents.
 - 4. Architect will process final application for payment and closeout submittals.

1.05 CORRECTION PERIOD

- A. Correction Period commences on the date of Substantial Completion and expires two years from that date.
- B. Owner: document non-conforming or defective work over course of Correction Period. Notify Contractor in writing of nonconforming or defective work. Copy Architect/Engineer.
 - 1. Life safety issues requiring immediate corrective work: Contact Contractor for action.

PART 2 PRODUCTS - NOT USED.

PART 3 EXECUTION - NOT USED.

END OF SECTION

**SECTION 01 78 00
CLOSEOUT SUBMITTALS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Warranties and bonds.
- B. Project record documents.

1.02 RELATED REQUIREMENTS

- A. Section 01 30 00 - Administrative Requirements: Submittals procedures, shop drawings, product data, and samples.
- B. Section 01 70 00 - Execution and Closeout Requirements: Contract closeout procedures.

1.03 SUBMITTALS

- A. Submit preliminary draft of proposed formats and outlines of contents of electronic Operation and Maintenance Manual, including warranties and bonds, record document Bookmarked Adobe PDF form before start of Work. Architect/Engineer will review draft and return with comments.
- B. Warranties and Bonds:
 - 1. Make other submittals within 10 days after Date of Substantial Completion, prior to final Application for Payment.
 - 2. 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.
- C. Project Record Documents: Submit documents to Architect/Engineer with claim for final Application for Payment.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 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 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 originals of each in operation and maintenance manuals, indexed separately on Table of Contents.

- F. Include color, 300 dpi resolution scans of each in Operation and Maintenance Manual PDF file, Bookmarked and indexed separately in Table of Contents.

3.02 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.
- 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 depths of foundations in relation to finish first floor datum.
 - 2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
 - 3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.
 - 4. Field changes of dimension and detail.
 - 5. Details not on original Contract drawings.

END OF SECTION

**SECTION 04 01 00
MAINTENANCE OF MASONRY**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Water and Chemical cleaning of brick and stone masonry surfaces.
- B. Replacement of brick and stone units.
- C. Repointing mortar joints.
- D. Repair of damaged masonry.

1.02 RELATED REQUIREMENTS

- A. Section 04 05 11 - Masonry Mortaring and Grouting.

1.03 REFERENCE STANDARDS

- A. TMS 402/602 - Building Code Requirements and Specification for Masonry Structures; 2022, with Errata (2024).

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene one week prior to commencing work of this section.
 - 1. Require attendance of parties directly affecting work of this section.

1.05 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on cleaning solutions.
- C. Manufacturer's Instructions: For cleaning materials, indicate special procedures, conditions requiring special attention, and requirements for protection of adjacent surfaces.

1.06 QUALITY ASSURANCE - MASONRY WORK

- A. Comply with provisions of TMS 402/602, except where exceeded by requirements of Contract Documents.
- B. Restorer: Company specializing in masonry restoration with minimum five years of documented experience.

1.07 MOCK-UPS

- A. Restore and repoint an existing masonry wall area sized 8 feet long by 6 feet high; include in mock-up area instances of mortar.
- B. Clean a 10 ft by 10 ft panel of wall to determine extent of cleaning.
 - 1. Repeat, using different cleaning methods for up to three different panels.
- C. Locate where directed.
- D. Acceptable panel and procedures employed will become the standard for work of this section.

E. Mock-up may remain as part of the Work.

1.08 FIELD CONDITIONS - MASONRY WORK

A. Cold and Hot Weather Requirements: Comply with requirements of TMS 402/602 or applicable building code, whichever is more stringent.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Restoration and Cleaning Chemicals:
1. PROSOCO: www.prosoco.com.
 2. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 CLEANING MATERIALS

- A. Neutral Cleaning Agent: Non-ionic, non-etching, safe for landscape plantings and grass, biodegradable, needing no substrate neutralization.
1. pH: 5.5 to 6.5
 2. Product: PROSOCO Enviro Klean ReVive: www.prosoco.com.
 3. Application: Use for initial cleaning of all brick and stone masonry surfaces to remove dark, organic deposits.
- B. Alkaline Cleaning Agent and Neutralizing Rinse Agent: Two-component liquid biological stain remover.
1. pH:
 - a. Cleaning Agent Liquid Cleaner Component: 13.7
 - b. Cleaning Agent Liquid Activator Component: 2.40
 - c. Rinse Agent: 1.10 in concentrate.
 2. Products:
 - a. Cleaning Agent: PROSOCO Enviro Klean ReKlaim: www.prosoco.com.
 - b. Neutralizing Rinse Agent: PROSOCO Sure Klean Limestone and Masonry Afterwash: www.prosoco.com.
 3. Application: Use only for cleaning and rinsing of masonry surfaces to remove soot and algae that do not respond to cleaning with neutral cleaning agent.
- C. Alkaline Stucco Cleaning Agent: Non-caustic, non-acidic phosphate- and solvent-free.
1. pH: 12.4
 2. Product: PROSOCO Enviro Klean EIFS Clean 'N Prep: www.prosoco.com.
 3. Application: Use for cleaning of stucco surfaces to remove organic and inorganic deposits.
- D. Insoluble Salt Remover: Blend of inorganic and mild organic acids; water rinseable.
1. pH: 1.6 at 1:1 dilution rate.
 2. Product: PROSOCO Sure Klean White Scum Remover: www.prosoco.com.
 3. Application: Use for cleaning of brick and stone masonry surfaces to remove efflorescence.

2.03 MORTAR MATERIALS

- A. Comply with requirements of Section 04 05 11.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces to be cleaned are ready for work of this section.

3.02 PREPARATION

- A. Protect surrounding elements from damage due to restoration procedures.
- B. Carefully remove and store removable items located in areas to be restored, including fixtures, fittings, finish hardware, and accessories; reinstall upon completion.
- C. Separate areas to be protected from restoration areas using means adequate to prevent damage.
- D. Mask immediately adjacent surfaces with material that will withstand cleaning and restoration procedures.
- E. When using cleaning methods that involve specified alkaline cleaning agents or other liquids,
 1. Protect people, vehicles, property, plants metal and other non-masonry and acid-sensitive surfaces from cleaner, rinse, residue fumes and wind drift.
 2. Protect and/or divert vehicular and pedestrian traffic.
 3. Install drainage devices to prevent runoff over adjacent surfaces unless those surfaces are impervious to damage from runoff.
 4. Do not allow cleaning runoff to drain into sanitary or storm sewers.

3.03 REBUILDING/CRACK REPAIR

- A. Cut out damaged and deteriorated masonry with care in a manner to prevent damage to any adjacent remaining materials.
- B. Cut away loose or unsound adjoining masonry to provide firm and solid bearing for new work. Remove mortar from remaining adjacent masonry after removal of affected units
- C. Build in new units according to the following procedures:
 1. Lay replacement units plumb and true to lines.
 2. Lay replacement units with solidly filled mortar joints.
 3. Butter ends of units with sufficient mortar to fill head joints.
 4. Rock closure units into place with mortar set against the units' head joints in the opening.
 5. Lay units to match existing bond pattern and mortar joint size.
 6. Adjust units to final position while mortar is soft and plastic. If a unit is displaced after initial set, remove, clean joints and unit of mortar, and reset unit with fresh mortar.
- D. Mortar Mix: Colored and proportioned to match existing work.
- E. Ensure that anchors, ties, and stone cramps and dowels are correctly located and built in.
- F. Install built in masonry work to match and align with existing, with joints and coursing true and level, faces plumb and in line. Build in all openings, accessories and fittings.

3.04 SOFT JOINT REPAIR/REPLACEMENT

- A. Repair deteriorated expansion joints as follows:
 1. Remove existing joint sealant with a motor drawn saw.

2. If priming of substrates is required by the manufacturer, apply primer full strength to the ground out expansion joints with a brush or clean cloth per manufacturer's recommendations.
 3. Fill the joints with sealant from the deepest point to the surface by holding a properly-sized nozzle against the back of the joint. In deep joints, control the joint depth by inserting a backer rod into the joint prior to installation of joint sealant. Fill joint with sealant in compliance with manufacturer's recommendations.
 4. Dry tool sealant in joint in the correct bead shape to achieve maximum adhesion.
- B. Repair failed sealant head joints between coping units as follows:
1. Cut out existing sealant around perimeter of unit profile and remove backer rod. Remove residual adhered sealant from joint surfaces.
 2. If priming of substrates is required by sealant manufacturer, apply primer full strength to joint surfaces using a brush or clean cloth in accordance with manufacturer's recommendations.
 3. Insert backer rod into joint.
 4. Fill joints with sealant from the deepest point to the surface by holding a properly-sized nozzle against the back of the joint. Fill joint with sealant in compliance with manufacturer's recommendations.
 5. Dry tool sealant in joint in the correct bead shape to achieve maximum adhesion. See Section 07 92 00 for additional requirements on applying sealants.

3.05 REPOINTING

- A. Perform repointing prior to cleaning masonry surfaces.
- B. Cut out loose or disintegrated mortar in joints to minimum 3/4 inch depth or until sound mortar is reached.
- C. Use power tools only after test cuts determine no damage to masonry units will result.
- D. Do not damage masonry units.
- E. When cutting is complete, remove dust and loose material brushing, blowing with air jet or rinsing with water.
- F. Premoisten joint and apply mortar. Do not saturate the joint. Allow masonry units to absorb surface water before repointing commences. Pack tightly in maximum 1/4 inch layers. Hand tool Form a smooth, compact joint to match profile of existing joints.
- G. Moist cure for 72 hours.

3.06 CLEANING EXISTING BRICK AND LIMESTONE MASONRY

- A. Cleaning: Brush or spray clean masonry surfaces with neutral cleaning agent in accordance with manufacturer's instructions. Saturate masonry with clean water and flush loose mortar and dirt.
- B. Remove soot and algae from brick and stone surfaces that do not respond to neutral cleaning agent using alkaline cleaning agent and neutralizing rinse agent as follows:
 1. Working from bottom to top, apply prepared cleaning solution to dry surface.
 2. Leave solution on surface for 5 to 20 minutes. If solution begins to dry, reapply.
 3. Gently scrub heavily soiled areas.
 4. Rinse thoroughly with clean water. If using a sponge or string mop to rinse, change rinse water frequently. Pressure rinse porous surfaces to remove heavy soiling.

5. Immediately after rinsing cleaning solution from masonry surface, apply the prepared neutralizing rinse solution to the wet surface.
 6. Let the neutralizing rinse solution dwell for 3 to 5 minutes.
 7. Pressure rinse from bottom of treated area to top. Make sure to cover each portion of surface with a concentrated stream of water. To avoid streaking, keep wall surfaces immediately below area being cleaned running wet and free of cleaner rundown and residues.
- C. Remove efflorescence from brickwork and stonework as follows:
1. Working from bottom to top, prewet the surface with clean water.
 2. Apply diluted insoluble salt remover generously, using a low pressure spray (50 psi maximum), a densely filled masonry washing brush or roller.
 3. Leave remover on surface for 2 to 3 minutes. Do not let remover dry on surface, as bleaching may result.
 4. Reapply the diluted remover solution and scrub the surface.
 5. Rinse with low pressure to remove initial acidic residue, then rinse treated area thoroughly using high-pressure (600 to 800 psi) spray, working from bottom to top. Keep surface below set and rinsed of remover solution and residue.

3.07 CLEANING

- A. Immediately remove stains, efflorescence, or other excess resulting from the work of this section.
- B. Remove excess mortar, smears, and droppings as work proceeds and upon completion.
- C. Clean surrounding surfaces.

END OF SECTION

**SECTION 04 05 11
MASONRY MORTARING AND GROUTING**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Pointing mortar for masonry.

1.02 RELATED REQUIREMENTS

- A. Section 04 01 00 - Maintenance of Masonry: Bedding and pointing mortar for masonry restoration work.

1.03 REFERENCE STANDARDS

- A. ASTM C5 - Standard Specification for Quicklime for Structural Purposes; 2018.
- B. ASTM C91/C91M - Standard Specification for Masonry Cement; 2023.
- C. ASTM C144 - Standard Specification for Aggregate for Masonry Mortar; 2018.
- D. ASTM C150/C150M - Standard Specification for Portland Cement; 2022.
- E. ASTM C207 - Standard Specification for Hydrated Lime for Masonry Purposes; 2018.
- F. ASTM C270 - Standard Specification for Mortar for Unit Masonry; 2019a, with Editorial Revision.
- G. ASTM C979/C979M - Standard Specification for Pigments for Integrally Colored Concrete; 2016.
- H. ASTM C1714/C1714M - Standard Specification for Preblended Dry Mortar Mix for Unit Masonry; 2019a.
- I. TMS 402/602 - Building Code Requirements and Specification for Masonry Structures; 2022, with Errata (2024).

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Include design mix and indicate whether the Proportion or Property specification of ASTM C270 is to be used. Also include required environmental conditions and admixture limitations.
- C. Samples: Submit two samples of mortar, illustrating mortar color and color range.
- D. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
- E. Manufacturer's Installation Instructions: Submit packaged dry mortar manufacturer's installation instructions.

1.05 QUALITY ASSURANCE

- A. Comply with provisions of TMS 402/602, except where exceeded by requirements of Contract Documents.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Maintain packaged materials clean, dry, and protected against dampness, freezing, and foreign matter.

1.07 FIELD CONDITIONS

- A. Cold and Hot Weather Requirements: Comply with requirements of TMS 402/602 or applicable building code, whichever is more stringent.

PART 2 PRODUCTS

2.01 MORTAR AND GROUT APPLICATIONS

- A. At Contractor's option, mortar and grout may be field-mixed from packaged dry materials, made from factory premixed dry materials with addition of water only, or ready-mixed.
- B. Mortar Color: Match existing.
- C. Mortar Mix Designs: ASTM C270, Property Specification.
 - 1. Exterior Repointing Mortar: Type N with maximum 2 percent ammonium stearate or calcium stearate per cement weight.

2.02 MATERIALS

- A. Packaged Dry Material for Mortar for Unit Masonry: Premixed Portland cement, hydrated lime, and sand; complying with ASTM C1714/C1714M and capable of producing mortar of the specified strength in accordance with ASTM C270 with the addition of water only.
 - 1. Color: Mineral pigments added as required to match existing mortar color.
- B. Packaged Dry Material for Mortar for Repointing: Premixed Portland cement, graded sand, and chemical admixtures complying with ASTM C91/C91M with the addition of water only.
 - 1. Color: To match adjacent mortar color.
- C. Portland Cement: ASTM C150/C150M.
 - 1. Type: Type I - Normal; ASTM C150/C150M.
 - 2. Color: Color as required to match existing mortar color.
- D. Masonry Cement: ASTM C91/C91M.
 - 1. Type: Type N; ASTM C91/C91M.
- E. Hydrated Lime: ASTM C207, Type S.
- F. Quicklime: ASTM C5, non-hydraulic type.
- G. Mortar Aggregate: ASTM C144.
- H. Pigments for Colored Mortar: Pure, concentrated mineral pigments specifically intended for mixing into mortar and complying with ASTM C979/C979M.
 - 1. Color(s): As required to match existing mortar color.
- I. Water: Clean and potable.

2.03 MORTAR MIXING

- A. Thoroughly mix mortar ingredients in accordance with ASTM C270 and in quantities needed for immediate use.
- B. Maintain sand uniformly damp immediately before the mixing process.
- C. Colored Mortar: Proportion selected pigments and other ingredients to match existing mortar color, without exceeding manufacturer's recommended pigment-to-cement ratio; mix in accordance with manufacturer's instructions, uniform in coloration.
- D. Add admixtures in accordance with manufacturer's instructions; mix uniformly.
- E. Do not use anti-freeze compounds to lower the freezing point of mortar.
- F. If water is lost by evaporation, re-temper only within two hours of mixing.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install mortar to requirements of section(s) in which masonry is specified.
- B. Remove excess mortar from surfaces of masonry units as work progresses.

3.02 CLEANING

- A. Clean excess mortar from surfaces of masonry units using non-metallic wire brushes and neutral, non-acidic cleaning solutions.

END OF SECTION

**SECTION 07 92 00
JOINT SEALANTS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Nonsag gunnable joint sealants.
- B. Joint backings and accessories.

1.02 RELATED REQUIREMENTS

1.03 REFERENCE STANDARDS

- A. ASTM C794 - Standard Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants; 2018 (Reapproved 2022).
- B. ASTM C1087 - Standard Test Method for Determining Compatibility of Liquid-Applied Sealants with Accessories Used in Structural Glazing Systems; 2023.
- C. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2016 (Reapproved 2023).
- D. ASTM C1248 - Standard Test Method for Staining of Porous Substrate by Joint Sealants; 2022.
- E. ASTM C1330 - Standard Specification for Cylindrical Sealant Backing for Use with Cold Liquid-Applied Sealants; 2023.
- F. SCAQMD 1168 - Adhesive and Sealant Applications; 1989, with Amendment (2022).
- G. SWRI (VAL) - SWR Institute Validated Products Directory; Current Edition.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Submit manufacturer's technical datasheets for each product to be used; include the following:
 - 1. Physical characteristics, including movement capability, VOC content, hardness, cure time, and color availability.
 - 2. List of backing materials approved for use with the specific product.
 - 3. Backing material recommended by sealant manufacturer.
 - 4. Substrates that product is known to satisfactorily adhere to and with which it is compatible.
 - 5. Substrates the product should not be used on.
 - 6. Substrates for which use of primer is required.
 - 7. Substrates for which laboratory adhesion and/or compatibility testing is required.
 - 8. Installation instructions, including precautions, limitations, and recommended backing materials and tools.
 - 9. Sample product warranty.
 - 10. Certification by manufacturer indicating that product complies with specification requirements.
 - 11. SWRI Validation: Provide currently available sealant product validations as listed by SWRI (VAL) for specified sealants.
- C. Product Data for Accessory Products: Submit manufacturer's technical data sheet for each product to be used, including physical characteristics, installation instructions, and recommended tools.

- D. Color Cards for Selection: Where sealant color is not specified, submit manufacturer's color cards showing standard colors available for selection.
- E. Samples for Verification: Where custom sealant color is specified, obtain directions from Architect/Engineer and submit at least two physical samples for verification of color of each required sealant.
- F. Preconstruction Laboratory Test Reports: Submit at least four weeks prior to start of installation.
- G. Installer's qualification statement.
- H. Executed warranty.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum ten years experience.
- B. Installer Qualifications: Company specializing in performing the work of this section and with at least five years of documented experience.
- C. Preconstruction Laboratory Testing: Arrange for sealant manufacturer(s) to test each combination of sealant, substrate, backing, and accessories.
 - 1. Adhesion Testing: In accordance with ASTM C794.
 - 2. Compatibility Testing: In accordance with ASTM C1087.
 - 3. Allow sufficient time for testing to avoid delaying the work.
 - 4. Deliver sufficient samples to manufacturer for testing.
 - 5. Report manufacturer's recommended corrective measures, if any, including primers or techniques not indicated in product data submittals.

1.06 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.
- B. Manufacturer Warranty: Provide 2-year manufacturer warranty for installed sealants and accessories that fail to achieve a watertight seal, exhibit loss of adhesion or cohesion, or do not cure. Complete forms in Owner's name and register with manufacturer.
- C. Extended Correction Period: Correct defective work within 2-year period commencing on Date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Nonsag Sealants:
 - 1. Dow Corning Corporation: www.dowcorning.com/construction.
 - 2. Hilti, Inc: www.us.hilti.com.
 - 3. Master Builders Solutions by BASF: www.master-builders-solutions.basf.us/en-us.
 - 4. Momentive Performance Materials, Inc (formerly GE Silicones): www.momentive.com.
 - 5. Pecora Corporation: www.pecora.com.
 - 6. Sika Corporation: www.usa-sika.com.
 - 7. Tremco Commercial Sealants & Waterproofing: www.tremcosealants.com.

8. W.R. Meadows, Inc: www.wrmeadows.com.

2.02 JOINT SEALANT APPLICATIONS

A. Scope:

1. Exterior Joints:
 - a. Seal open joints except open joints indicated on drawings as not sealed.
2. Do Not Seal:
 - a. Intentional weep holes in masonry.
 - b. Weep holes in curtain wall, storefront and window systems.
 - c. Joints indicated to be covered with expansion joint cover assemblies.
 - d. Joints where sealant is specified to be furnished and installed by manufacturer of product to be sealed.
 - e. Joints where sealant installation is specified in other sections.

B. Exterior Joints: Use non-sag non-staining silicone sealant, unless otherwise indicated.

1. Lap Joints in Sheet Metal Fabrications: Butyl rubber, non-curing.

2.03 JOINT SEALANTS - GENERAL

- ### A. Sealants and Primers: Provide products having lower volatile organic compound (VOC) content than indicated in SCAQMD 1168.

2.04 NONSAG JOINT SEALANTS

A. Non-Staining Silicone Sealant: ASTM C920, Grade NS, Uses M and A; not expected to withstand continuous water immersion or traffic.

1. Nonstaining to Porous Stone: Nonstaining to light-colored natural stone when tested in accordance with ASTM C1248.
2. Color: To be selected by Architect/Engineer from manufacturer's standard range.
3. Cure Type: Single-component, neutral moisture curing.
4. Products:
 - a. Dow Chemical Company; DOWSIL 790 Silicone Building Sealant: consumer.dow.com/en-us/industry/ind-building-construction.html.
 - b. Sika Corporation; Sikasil WS-290: www.usa-sika.com.
 - c. Sika Corporation; Sikasil 728NS: www.usa-sika.com.
 - d. Tremco Commercial Sealants & Waterproofing; Spectrem 1: www.tremcosealants.com.
 - e. Tremco Commercial Sealants & Waterproofing; Tremsil 200: www.tremcosealants.com.
 - f. Substitutions: See Section 01 60 00 - Product Requirements.

B. Noncuring Butyl Sealant: Solvent-based, single component, nonsag, nonskinning, nonhardening, nonbleeding; nonvapor permeable; intended for fully concealed applications.

1. Products:
 - a. Pecora Corporation; Pecora BA-98 Non-Skinning Butyl Sealant: www.pecora.com.
 - b. Substitutions: See Section 01 60 00 - Product Requirements.

2.05 ACCESSORIES

A. Sealant Backing Rod, Closed-Cell Type:

1. Cylindrical flexible sealant backings complying with ASTM C1330 Type C.
2. Size: 25 to 50 percent larger in diameter than joint width.

- B. Sealant Backing Rod, Bi-Cellular Type:
 - 1. Cylindrical flexible sealant backings complying with ASTM C1330 Type B.
 - 2. Size: 25 to 50 percent larger in diameter than joint width.
- C. Backing Tape: Self-adhesive polyethylene tape with surface that sealant will not adhere to and recommended by tape and sealant manufacturers for specific application.
- D. Masking Tape: Self-adhesive, nonabsorbent, nonstaining, removable without adhesive residue, and compatible with surfaces adjacent to joints and sealants.
- E. Joint Cleaner: Noncorrosive and nonstaining type, type recommended by sealant manufacturer; compatible with joint forming materials.
- F. Primers: Type recommended by sealant manufacturer to suit application; nonstaining.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that joints are ready to receive work.
- B. Verify that backing materials are compatible with sealants.

3.02 PREPARATION

- A. Remove loose materials and foreign matter that could impair adhesion of sealant.
- B. Clean joints, and prime as necessary, in accordance with manufacturer's instructions.
- C. Perform preparation in accordance with manufacturer's instructions and ASTM C1193.
- D. Mask elements and surfaces adjacent to joints from damage and disfigurement due to sealant work; be aware that sealant drips and smears may not be completely removable.
- E. Concrete Floor Joints That Will Be Exposed in Completed Work: Test joint filler in an inconspicuous area to verify that it does not stain or discolor slab.

3.03 INSTALLATION

- A. Install this work in accordance with sealant manufacturer's requirements for preparation of surfaces and material installation instructions.
- B. Provide joint sealant installations complying with ASTM C1193.
- C. Measure joint dimensions and size joint backers to achieve width-to-depth ratio, neck dimension, and surface bond area as recommended by manufacturer, except where specific dimensions are indicated.
- D. Install bond breaker backing tape where backer rod cannot be used.
- E. Install sealant free of air pockets, foreign embedded matter, ridges, and sags, and without getting sealant on adjacent surfaces.
- F. Do not install sealant when ambient temperature is outside manufacturer's recommended temperature range, or will be outside that range during the entire curing period, unless manufacturer's approval is obtained and instructions are followed.

G. Nonsag Sealants: Tool surface concave, unless otherwise indicated; remove masking tape immediately after tooling sealant surface.

3.04 POST-OCCUPANCY

A. Post-Occupancy Inspection: Perform visual inspection of entire length of project sealant joints at a time that joints have opened to their greatest width, i.e., at low temperature in thermal cycle. Report failures immediately and repair them.

END OF SECTION

**SECTION 09 90 00
PAINTING AND COATING**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Alternate No. 1:
 - 1. Surface preparation.
 - 2. Exterior painting and coating systems.
- B. Scope:
 - 1. Finish surfaces exposed to view, unless fully factory-finished and unless otherwise indicated, including the following:
 - a. Exterior:
 - 1) Metal, Miscellaneous: Iron, ornamental iron, structural iron and steel, ferrous metal.

1.02 RELATED REQUIREMENTS

- A. Section 01 23 00 - Alternates: Alternate No. 1 - Painting of Existing Exposed Steel.

1.03 REFERENCE STANDARDS

- A. 40 CFR 59, Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings; U.S. Environmental Protection Agency; Current Edition.
- B. CARB (SCM) - Suggested Control Measure for Architectural Coatings; California Air Resources Board; 2020.
- C. SCAQMD 1113 - Architectural Coatings; 1977, with Amendment (2016).
- D. SSPC-SP 1 - Solvent Cleaning; 2015, with Editorial Revision (2016).
- E. SSPC-SP 6/NACE No.3 - Commercial Blast Cleaning; 2006.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide complete list of products to be used, with the following information for each:
 - 1. Product characteristics.
 - 2. Surface preparation instructions and recommendations.
 - 3. Primer requirements and finish specification.
 - 4. Storage and handling requirements and recommendations.
 - 5. Application methods.
 - 6. Clean-up information.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Basis of Design Products: Subject to compliance with requirements, provide Sherwin-Williams Company (The) products indicated; www.sherwin-williams.com.
- B. Comparable Products: Products of approved manufacturers will be considered in accordance with 01 60 00 - Product Requirements, and the following:

1. Products that meet or exceed performance and physical characteristics of basis of design products.

2.02 PAINTINGS AND COATINGS

A. General:

1. Provide factory-mixed coatings unless otherwise indicated.
2. Do not reduce, thin, or dilute coatings or add materials to coatings unless specifically indicated in manufacturer's instructions.

B. Volatile Organic Compound (VOC) Content:

1. Provide paints and finishes that comply with the most stringent requirements specified in the following:
 - a. 40 CFR 59, Subpart D--National Volatile Organic Compound Emission Standards for Architectural Coatings.
 - b. SCAQMD 1113 Rule.
 - c. CARB (SCM).
 - d. Architectural coatings VOC limits of State in which the project is located.
2. Determination of VOC Content: Testing and calculation in accordance with 40 CFR 59, Subpart D (EPA Method 24), exclusive of colorants added to a tint base and water added at project site, or other method acceptable to authorities having jurisdiction.

C. Accessory Materials: Provide primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of painted surfaces.

2.03 PAINT SYSTEMS - EXTERIOR

A. Metal, Miscellaneous: Iron, ornamental iron, structural iron and steel, ferrous metal.

1. Alkyd Systems, Water Based:

a. Semi-Gloss Finish:

- 1) 1st Coat: Sherwin-Williams Pro Industrial Pro-Cryl Universal Primer, B66-1310 Series: www.sherwin-williams.com.
 - a) 5 mils wet, 2 mils dry per coat.
- 2) 2nd and 3rd Coat: Sherwin-Williams Pro Industrial Water Based Alkyd Urethane Enamel Semi-Gloss, B53-1150 Series: www.sherwin-williams.com.
 - a) 4 to 5 mils wet, 1.4 to 1.7 mils dry per coat.

PART 3 EXECUTION

3.01 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 effect proper application.
- C. Test shop-applied primer for compatibility with subsequent cover materials.

3.02 PREPARATION

- A. Clean surfaces thoroughly and correct defects prior to application.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

- C. Remove mildew from impervious surfaces by scrubbing with solution of water and bleach. Rinse with clean water and allow surface to dry.
- D. Ferrous Metal:
 - 1. Solvent clean according to SSPC-SP 1.
 - 2. Shop-Primed Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Prime bare steel surfaces.
 - 3. Remove rust, loose mill scale, and other foreign substances using methods recommended by paint manufacturer and blast cleaning in accordance with SSPC-SP 6/NACE No.3. Protect from corrosion until coated.

3.03 APPLICATION

- A. Apply products in accordance with manufacturer's written instructions.
- B. Apply coatings at spread rate required to achieve manufacturer's recommended dry film thickness.
- C. Regardless of number of coats specified, apply additional coats until complete hide is achieved.

3.04 PRIMING

- A. Apply primer to all surfaces unless specifically not required by coating manufacturer. Apply in accordance with coating manufacturer's instructions.
- B. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to top coat manufacturers.

3.05 CLEANING

- A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.
- B. Clean surfaces immediately of overspray, splatter, and excess material.
- C. After coating has cured, clean and replace finish hardware, fixtures, and fittings previously removed.

3.06 PROTECTION

- A. Protect finished coatings from damage until completion of project.
- B. Touch-up damaged finishes after Substantial Completion.

END OF SECTION

**SECTION 09 93 00
STAINING AND TRANSPARENT FINISHING**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Field application of stains.

1.02 DEFINITIONS

- A. Comply with ASTM D16 for interpretation of terms used in this section.

1.03 REFERENCE STANDARDS

- A. 40 CFR 59, Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings; U.S. Environmental Protection Agency; Current Edition.
- B. ASTM D16 - Standard Terminology for Paint, Related Coatings, Materials, and Applications; 2024.
- C. CARB (SCM) - Suggested Control Measure for Architectural Coatings; California Air Resources Board; 2020.
- D. MPI (APL) - Master Painters Institute Approved Products List; Master Painters and Decorators Association; Current Edition.
- E. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual; Current Edition.
- F. SCAQMD 1113 - Architectural Coatings; 1977, with Amendment (2016).

1.04 SUBMITTALS

- A. Product Data: Provide complete list of products to be used, with the following information for each:
 - 1. Manufacturer's name, product name and catalog number, and general product category.
 - 2. MPI product number (e.g. MPI #33).
 - 3. Manufacturer's installation instructions.
- B. Samples: Submit two samples, illustrating selected colors and sheens for each system with specified coats cascaded. Submit on actual wood substrate to be finished, 8 by 10 inch in size.
- C. Certification: By manufacturer that stains and transparent finishes comply with VOC limits specified.
- D. Manufacturer's Instructions: Indicate special surface preparation procedures.
- E. Applicator's Qualification Statement.
- F. Maintenance Data: Submit data including finish schedule showing where each product, color, and finish was used, product technical data sheets, safety data sheets (SDS), care and cleaning instructions, touch-up procedures, and color samples of each color and finish used.
- G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 60 00 - Product Requirements for additional provisions.
 - 2. Extra Stain and Transparent Finish Materials: 1 gallon of each color and type; from the same product run, store where directed.
 - 3. Label each container with color and type in addition to the manufacturer's label.

1.05 QUALITY ASSURANCE

- A. Applicator Qualifications: Company specializing in performing work of the type specified and with at least five years of documented experience.

1.06 MOCK-UP

- A. Provide mock-up covering exposed surfaces of one (1) glulam beam and entire area of deck surface between two (2) beams, with one of those beams being the mock-up beam.
- B. Secure Owner's and Architect/Engineer's written approval of mock-up prior to proceeding with balance of the work.
- C. Approved mock-up may remain as part of permanent work.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
- B. Container Label: Include manufacturer's name, type of stain or transparent finish, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
- C. Stain and Transparent Finish Materials: Store at minimum ambient temperature of 45 degrees F and a maximum of 90 degrees F, in ventilated area, and as required by manufacturer's instructions.

1.08 FIELD CONDITIONS

- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by manufacturer of stains and transparent finishes.
- B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.
- C. Do not apply materials when relative humidity exceeds 85 percent, at temperatures less than 5 degrees F above the dew point, or to damp or wet surfaces.
- D. Minimum Application Temperature: 50 degrees F unless required otherwise by manufacturer's instructions.
- E. Provide lighting level of 80 fc measured mid-height at substrate surface.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Transparent Finishes:
 - 1. Behr Process Corporation: www.behr.com.
 - 2. PPG Paints Deft Interior Clears/Polyurethanes: www.ppgpaints.com.
 - 3. Sherwin-Williams Company: www.sherwin-williams.com.

2.02 STAINS AND TRANSPARENT FINISHES - GENERAL

- A. Finishes:
 - 1. Where MPI paint numbers are specified, provide products listed in Master Painters Institute Approved Product List, current edition available at www.paintinfo.com, for specified MPI

categories, except as otherwise indicated.

2. Provide finishes capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
3. Provide materials compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
4. Supply each finish material in quantity required to complete entire project's work from a single production run.
5. Do not reduce, thin, or dilute finishes or add materials unless such procedure is specifically described in manufacturer's product instructions.

B. Volatile Organic Compound (VOC) Content:

1. Provide stains and transparent finishes that comply with the most stringent requirements specified in the following:
 - a. 40 CFR 59, Subpart D--National Volatile Organic Compound Emission Standards for Architectural Coatings.
 - b. SCAQMD 1113 Rule.
 - c. CARB (SCM).
 - d. Architectural coatings VOC limits of the State in which the Project is located.
2. Determination of VOC Content: Testing and calculation in accordance with 40 CFR 59, Subpart D (EPA Method 24), exclusive of colorants added to a tint base and water added at project site; or other method acceptable to authorities having jurisdiction.

C. Flammability: Comply with applicable code for surface burning characteristics.

D. Colors: To be selected from manufacturer's full range of available colors.

1. Selection to be made by Owner after award of contract.

2.03 EXTERIOR STAIN AND TRANSPARENT FINISH SYSTEMS

A. Finish on Wood- Exposed decking and beam surfaces:

1. 2 coat(s) stain.
2. Stain: Exterior semi-transparent stain for wood, solvent based; MPI #13.
 - a. Products:
 - 1) PPG Paints ProLuxe Log & Siding Wood Finish Transparent Stain.
 - 2) Substitutions: Section 01 60 00 - Product Requirements.

2.04 ACCESSORY MATERIALS

A. Accessory Materials: Cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of finished surfaces.

PART 3 EXECUTION

3.01 EXAMINATION

- A.** Do not begin application of stains and finishes until substrates have been properly prepared.
- B.** Verify that surfaces are ready to receive work as instructed by the product manufacturer.
- C.** Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially effect proper application.

- D. If substrate preparation is the responsibility of another installer, notify Architect/Engineer of unsatisfactory preparation before proceeding.

3.02 PREPARATION

- A. Completely remove existing finishes.
- B. Remove mildew from surfaces by scrubbing with solution of water and bleach. Rinse with clean water delivered by 500 psi or less pressure washer and allow surface to dry.
- C. Clean surfaces thoroughly in strict accordance with stain/finish manufacturer's written instructions and correct defects prior to application.
- D. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- E. Remove or repair existing finishes that exhibit surface defects.
- F. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces or finishing.
- G. Mask adjacent surfaces and materials that are not to receive stains/finishes.
- H. Wood Surfaces to Receive Transparent Finish: Wipe off dust and grit prior to sealing, seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after sealer has dried; sand lightly between coats. Prime concealed surfaces with gloss varnish reduced 25 percent with thinner.

3.03 APPLICATION

- A. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".
- B. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
- C. Apply each coat to uniform appearance in thicknesses specified by manufacturer.
- D. Sand wood surfaces lightly between coats to achieve required finish.
- E. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
- F. Wood to Receive Transparent Finishes: Tint fillers to match wood. Work fillers into the grain before set. Wipe excess from surface.
- G. Reinstall items removed prior to finishing.

3.04 CLEANING

- A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

3.05 PROTECTION

- A. Protect finishes until completion of project.

B. Touch-up damaged finishes after Substantial Completion.

END OF SECTION