



**Rose Point Lift Station Improvement Project
JOB No. 22-18-PW**

Addendum No. 2

Date of Issue: Thursday June 6, 2019

Bid Opening: Thursday, June 13, 2019 at 1:00 pm
City of Kirkland City Council Chambers
123 5th Avenue
Kirkland, WA 98033

Notice to All Plan Holders:

This Addendum No. 2, containing the following revisions, additions, deletions, and/or clarifications, is hereby made part of the Contract Documents for the above-named project. Bidders shall take this Addendum into consideration when preparing and submitting their bids and it shall be attached to the Contract Documents.

Bidders shall acknowledge receipt of this Addendum No. 2 in the place provided on Proposal – Page 6. Failure to do so may disqualify the Bidder from consideration of its bid.



No.	ITEM	CHANGE OR CLARIFICATION
1.	Specifications, Bid Proposal	REPLACE: Bid Schedule (Pages 8-9) in their entirety WITH new attached bid schedule. Revision to bid schedule noted within revision cloud.

No.	ITEM	CHANGE OR CLARIFICATION
2.	Specifications, Section 09800	REPLACE Section 09800 in its entirety WITH new attached Section 09800_Rev1. Changes include: Revised text in 1.1 B. Addition of 2.2.B.1A, Coating System 091 Replacement of 2.4.B.1, Coating System 300 Addition of 2.4.B.4, Paint System 303 Addition of 3.6, Coating Schedule

END OF ADDENDUM NO. 2

**CITY OF KIRKLAND
BID SCHEDULE**

**ROSE POINT LIFT STATION IMPROVEMENTS
JOB NO. 22-18-PW**

Note:

Unit prices for all items, all extensions, and the total amount of the bid must be shown. All entries must be typed or entered in ink.

Measurement and payment located in Section 01025

*See Section 1-09

Item No.	Item Description	Est. Qty.	Unit	Unit Price	Amount
1	Mobilization	1	LS		
2	Construction Surveying	1	LS		
3	Temporary Erosion and Sedimentation Control	1	LS	\$10,000	\$10,000
4	Temporary Traffic Control	1	LS		
5	Minor Changes	1	FA	\$50,000	\$50,000
6	Trench and Excavation Safety System	1	LS		
7	Project Record Drawings	1	LS	\$5,000	\$5,000
8	Dewatering Plan	1	LS		
9	Construction Dewatering*	1	LS		
10	Tree Removal	7	EA		
11	Stormwater Bypass Pumping Diversion	1	LS		
12	Modify Existing Lift Station Structure	1	LS		
13	Rose Point Lift Station	1	LS		
14	Telemetry Panel	1	LS		
15	PSE Power Utility Fees	1	LS	\$5,000	\$5,000
16	Retaining Wall	1	LS		
17	Ductile Iron Sanitary Sewer Pipe, 8-inch Diameter	20	LF		
18	Modifications to Existing Manhole Structure	1	LS		
19	Potholing Existing Underground Utility	3	EA		
20	Water Service Replacement and Relocation	7	EA		
21	Water Blow-off Replacement and Relocation	1	EA		
22	PVC 3034 Storm Drain Pipe, 12-inch Diameter	340	LF		
23	PVC 3034 Storm Drain Pipe, 15-inch Diameter	120	LF		

Item No.	Item Description	Est. Qty.	Unit	Unit Price	Amount
24	Catch Basin, Type 1	1	EA		
25	Catch Basin, Type 2, 48-inch Diameter	6	EA		
26	Removal of Existing Storm Drain Structures	4	EA		
27	Asphalt Grinding/Planing	770	SY		
28	HMA, CL ½" PG 64-22	90	TN		
29	Beam Guardrail Type 31	40	LF		
30	Landscaping and Irrigation	1	LS		

TOTAL COMPUTED PRICE (BEFORE SALES TAX): \$ _____

SALES TAX (10.1%): \$ _____

TOTAL COMPUTED PRICE (INCLUDING SALES TAX): \$ _____

SECTION 09800_Rev1

PROTECTIVE COATINGS

PART 1 GENERAL

1.1 The Requirement

A. Work under this Section shall include the protective coating of all specified surfaces including all surface preparation, pretreatment, coating application, touch-up of factory coated surfaces, protection of surfaces not to be coated, cleanup, and appurtenant work, all in accordance with the requirements of the Contract Documents.

B. The Coating System Schedules in this Section summarize the surfaces to be coated and the coating systems to be applied. Surfaces to be coated include, but are not limited to, the wet well structure, building interior and exterior, retaining wall concrete fascia, piping, and any exposed metal surfaces. Coating notes on the drawings are used to show exceptions to the schedules, to show or extend the limits of coating systems, or to clarify or show details for application of the coating systems.

C. Related Work Specified in Other Sections -- Shop coatings and/or factory finishes on fabricated or manufactured equipment may be specified in other divisions. Some items with factory finishes, or corrosion resistant finishes may be scheduled or directed to be painted by the ENGINEER to unify a wall finish or color scheme, at the ENGINEER's discretion.

D. Exclusions -- Do not coat the following surfaces unless specified or directed elsewhere: Stainless steel, aluminum, copper, brass, bronze and other corrosion-resistant material (except for valve bodies and piping); Electrical switch-gear and motor control centers having factory finish; Fencing; Multiple coated factory finished baked enamel or porcelain products; Concealed areas such as ducts, piping, conduits and items specified elsewhere for special linings and coatings.

E. Damaged Factory Finish -- If directed by the ENGINEER, refinish the entire exposed surfaces of equipment chipped, scratched or otherwise damaged in shipment or installation.

1.2 Reference Specifications, Codes and Standards

A. Comply with the provisions of the following codes, specifications and standards, except as otherwise shown or specified.

1. "Architectural Specification Manual" by the Painting and Decorating Contractors of America (PDCA), 333 Taylor Avenue North, Seattle, Washington 98109.
 2. "Systems and Specifications" - Volume 2 of Steel Structures Painting Council (SSPC).
 3. National Sanitation Foundation (NSF) Standard No. 61.
- B. References herein to "NACE" shall mean the published standards of the National Association of Corrosion Engineers, P.O. Box 986, Katy, TX 77450.
- C. Pipe Coating Commercial Standards
- | | |
|----------------|---|
| ANSI/AWWA C105 | Polyethylene Encasement for Ductile Iron Piping for Water and Other Liquids. |
| ANSI/AWWA C203 | Coal-Tar Protective Coatings and Linings for Steel Water Pipelines - Enamel and Tape - Hot Applied. |
| ANSI/AWWA C205 | Cement-Mortar Protective Lining and Coating for Steel Water Pipe - 4-inch and Larger - Shop Applied |
| ANSI/AWWA C209 | Cold Applied Tape Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Pipelines. |
| ANSI/AWWA C210 | Liquid Epoxy Coating for Exterior and Interior of Steel Pipe. |
| ANSI/AWWA C213 | Fusion Bonded Epoxy Coating for the Interior and Exterior of Steel Water Pipelines. |
| ANSI/AWWA C214 | Tape Coating systems for the Exterior of Steel Water Pipelines. |
- D. Federal Specifications
- | | |
|-------------------|--|
| DOD-P-23236A (SH) | Military Specification, Paint Coating Systems, Steel Ship Tank, Fuel and Salt Water Ballast. |
|-------------------|--|
- E. City of Kirkland Pre-Approved Notes, Construction Criteria and Plans.

1.3 CONTRACTOR Submittals

- A. Coating Materials List -- The CONTRACTOR shall provide a coating materials list which indicates the manufacturer and the coating number, keyed to the coating systems herein.

- B. Coating Manufacturer's and Applicator Information -- For each coating system to be used the CONTRACTOR shall submit, the following listed data.
 - 1. Manufacturer's data sheet for each product used, including statements on the suitability of the material for the intended use.
 - 2. Manufacturer's instructions and recommendations on surface preparation and application.
 - 3. Colors available for each product and each coat.
 - 4. Compatibility of shop and field applied coatings (where applicable).
 - 5. Material safety data sheet (MSDS) for each product used.
 - 6. The manufacturer's recommended products and procedures for field coating repairs and field preparation of field cut pipe ends.
 - 7. The name of the proposed coating applicator shop along with certification that the applicator shop is qualified and equipped to apply the coatings systems as specified.
 - 8. Certificate -- Submit manufacturer's certificate of compliance with the specifications and standards signed by a representative in the manufacturer's employ.
 - 9. Samples -- Provide painted surface areas at the job for approval of main color selections, or submit sample on 12-inch sample of substrate using required finish system at ENGINEER's discretion.

1.4 Quality Assurance

- A. Applicator Qualifications
 - 1. The Applicator must be capable of performing the various items of work as specified. The Applicator shall furnish certification from the manufacturer documenting that the Applicator has been trained and approved in the handling, mixing and application of the project to be used.

2. The Applicator shall have a minimum of five (5) years practical experience and a successful history in the application of the specified products to concrete/steel surfaces. The Applicator shall substantiate this requirement by furnishing a list of references, which shall include jobs of similar nature.
- B. The CONTRACTOR shall give the ENGINEER a minimum of three (3) days advance notice of the start of any field surface preparation work of coating application work, and a minimum of seven (7) days advance notice of the start of any shop surface preparation work.
- C. All such work shall be performed only in the presence of the ENGINEER, unless the ENGINEER has granted prior approval to perform such work in its absence.
- D. Inspection by the ENGINEER, or the waiver of inspection of any particular portion of the work, shall not relieve the CONTRACTOR of its responsibility to perform the work in accordance with these Specifications.
- E. Surface Preparation -- Evaluation of blast cleaned surface preparation work will be based upon comparison of the blasted surfaces with the standard samples available from the NACE, using NACE standard TM-01-70.
- F. Scaffolding shall be erected and moved to locations where requested by the ENGINEER to facilitate inspection. Additional illumination shall be provided by the CONTRACTOR to cover all areas to be inspected.
- G. Paint Products -- No request for substitution shall be approved which decreases the film thickness designated or the number of coats to be applied, or which offers a change from the generic type of coating specified. Painting shall be done at such times as the CONTRACTOR and ENGINEER may agree upon in order that dust-free and neat work be obtained. All painting shall be in strict accordance with the manufacturer's instructions and shall be performed in a manner satisfactory to the ENGINEER.
- H. Manufacturer's Representative -- Require coating manufacturer's representative to be at job site when the first day's coating application is in progress and periodically during progress of the work.
- I. Labels -- Deliver to the job site in the original sealed containers with manufacturer's name, product name, type of product, manufacturer's specification or catalog number or federal specification number, and instructions for reducing where applicable.

- J. Colors -- Colors will be selected from manufacturer's standard colors as reviewed by ENGINEER and approved by the CONTRACTING AGENCY. Colors for special coatings that are limited in their availability and color selection will be chosen on the basis of manufacturer's standard colors, provided that the manufacturer's product line represents a color range comparable to similar products of other manufacturers.
- K. Film Thickness Testing -- On ferrous metals, the dry film coating thickness shall be measured in accordance with the SSPC "Paint Application Specification No. 2" using a magnetic-type dry film thickness gage such as Mikrotest Model FM, Elcometer Model 111/1EZ, or approved equal. Each coat shall be tested for the correct thickness. No measurements shall be made until at least 8 hours after application of the coating. On non-ferrous metals and other substrates, the coating thicknesses shall be measured at the time of application using wet film gage readings and destructive film thickness tests.

1.5 Delivery, Handling and Storage

- A. Deliver in labeled containers as specified above and store in a locked room accessible for inspection. Comply with fire and health regulations.
- B. Provide adequate heat and forced mechanical ventilation for health, safety and drying requirements. Use explosion proof equipment. Provide face masks.
- C. Protect adjacent surfaces with suitable masking and drop cloths as required. Remove cloths or waste from the project daily.
- D. Apply to surfaces under recommended environmental conditions and within the limitations established by the material manufacturer. Do not apply coating in snow, rain, fog or mist; or when the relative humidity exceeds 85 percent; or to damp or wet surfaces, unless otherwise permitted by the coating manufacturer's printed instructions. Coating application may be continued during inclement weather only if the areas and surfaces to be painted are enclosed and heated within the temperature limits specified by the paint manufacturer during application and drying periods.

1.6 Protection

- A. Follow all safety recommendations of manufacturer regarding ventilation and danger from explosion or breathing paint fumes or skin exposure, and all applicable regulations.

- B. Protect surface adjacent to work being coated from overspray, drips or other damage.

PART 2 PRODUCTS

2.1 General

- A. Definitions -- The terms "paint," "coatings" or "finishes" as used herein, shall include surface treatments, emulsions, enamels, paints, epoxy resins, tape and all other protective coatings, excepting galvanizing or anodizing, whether used as a pretreatment, primer, intermediate coat, or finish coat. The term "DFT" means minimum dry film thickness.
- B. General -- Coating materials shall be sealed in containers that plainly show the designated name, formula or specification number, batch number, color, date of manufacture, manufacturer's directions, and name of manufacturer, all of which shall be plainly legible at the time of use.
- C. The CONTRACTOR shall use coating materials suitable for the intended use and recommended by their manufacturer for the intended service.
- D. Compatibility -- In any coating system only compatible materials from a single manufacturer shall be used in the work. Particular attention shall be directed to compatibility of primers and finish coats. If necessary, subject to the approval of the ENGINEER, a barrier coat shall be applied between existing prime coat and subsequent field coats to ensure compatibility.
- E. Colors -- All colors and shades of colors of all coatings shall be as selected or specified by the ENGINEER. Each coat shall be of a slightly different shade, to facilitate inspection of surface coverage of each coat. Finish colors shall be as selected from the manufacturer's standard color samples by the ENGINEER. Color pigments shall be lead free.
- F. Protective Coating Materials -- Products shall be standard products produced by recognized manufacturers who are regularly engaged in production of such materials for essentially identical service conditions. Where requested, the CONTRACTOR shall provide the ENGINEER with the names of not less than 10 successful applications of the proposed manufacturer's products demonstrating compliance with this specification requirement.
- G. Substitute or "Or-Equal" Submittals -- Unless otherwise specified, materials are from the catalogs of the companies listed herein. Materials by other manufacturers are acceptable provided that they are established as being compatible with and of equal quality to the coatings of the

companies listed. The CONTRACTOR shall provide satisfactory documentation from the firm manufacturing the proposed substitute or "or equal" material that said material meets the specified requirements and is equivalent or better than the listed materials.

- H. The cost of all testing and analyzing of the proposed substitute materials that may be required by the ENGINEER shall be paid by the CONTRACTOR. If the proposed substitution requires changes in the contract work, the CONTRACTOR shall bear all such costs involved and the costs of allied trades affected by the substitution.

2.2 Industrial Coating Systems

A. General

Provide and apply the industrial coatings systems as follows. Coat all existing and new exposed interior or exterior surfaces and submerged and intermittently submerged surfaces as indicated, except as specifically excluded in Part 1 of this section or on the drawings or finish schedules. Coating System Numbers listed below shall be used as the Coating System code letter, and shall be used on any coating submittals or correspondence.

B. Coating Systems Schedule

1. Coating System 090

- a. Location -- Interior wet well vertical concrete walls, bottom fillet and roof.
- b. Coating System -- The system shall be a polyurethane coating. The coating shall be a self-priming one coat, 150-250 mils. The coating system shall have the following physical properties:

<u>Property</u>	<u>Typical Value</u>
Flexural Modulus	>735,000 psi
Compressive Strength	>18,000 psi
Tensile Strength	>7,450 psi

The coating system shall be Spraywall as manufactured by SprayRoq, Inc., or approved equal.

1A. Coating System 091 – Mastic

- a. Location -- Pipe and fitting joints, and general buried surface coating repair and touch up.
- b. Surface Preparation - As specified herein.
- c. Coating System -- Mastic shall be a one-part solvent drying heavy bodied thixotropic synthetic elastomeric coating with chemically inert resins and fillers and an average viscosity of 650,000 CPS at 77 degrees Fahrenheit, thereby requiring generous applications by hand or trowel. Total coat thickness shall be 30 mils, minimum. Mastic shall be Protecto Wrap 160 H or approved equal and be fully compatible with pipeline coating systems.

2. Coating System 100

- a. Location -- Exposed, unprimed, non-galvanized, non-submerged metal surfaces, both interior and exterior including piping and structural steel.
- b. Coating System -- Apply prime coat and topcoat, 4.0-6.0 mils each coat of Tnemec Series 66-2 Hi-Build Epoxoline, or approved equal. Color as selected by CONTRACTING AGENCY.

3. Coating System 101

- a. Location -- Exposed metal surfaces, shop primed, both interior and exterior including piping, railings, ladders, steel doors, and any other metal items not otherwise specified.
- b. Coating System -- Apply shop prime coat 3.0 mils DFT Tnemec Series 90-97 Tneme-Zinc, one coat 4.0 - 6.0 mils DFT Tnemec Series 66 Hi-Build Epoxoline, and 3.0 - 4.0 mils DFT of Tnemec Series 175 Endura Shield, or approved equal. Color as selected by CONTRACTING AGENCY.

4. Coating System 102

- a. Location -- Unprimed or non-galvanized, continuously or intermittently submerged metal items, both interior and exterior including piping, structural steel and all other metal items not otherwise specified.

- b. Coating System -- Prime, intermediate and topcoat, 10.0 mils total of Protecto 401, or approved equal. Color as selected by CONTRACTING AGENCY.
- 5. Coating System 103
 - a. Location -- Vertical concrete walls, exterior, below finish grade, not exposed to view.
 - b. Surface Preparation -- As specified herein.
 - c. Paint System -- Apply two coats 9.0-10.0 mils each, Carboline Bitumastic 50, or approved equal.
- 6. Coating System 104
 - a. Location -- Nonsubmerged, exposed to view, PVC piping.
 - b. Surface Preparation -- As specified herein.
 - c. Coating System -- Apply one coat, 4.0-6.0 mils Tnemec Series 66-2 Hi-Build Epoxoline, or approved equal. Color as selected by CONTRACTING AGENCY.

2.4 Architectural Coating Systems

A. General

"Paint" as used herein means all coating systems materials, including primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime, intermediate or topcoat.

Fungus Control: Submit evidence for all paints attesting the passing of Federal Test Method Standard No. 141, Method 6271.1 showing no fungus growth or other approved test results.

Apply to surfaces under recommended environmental conditions and within the limitations established by the material manufacturer. Acrylics require 60 degrees Fahrenheit (°F) and above temperature and below 50 percent relative humidity. Apply water-base paints only when the temperature of surfaces to be painted and the surrounding air temperatures are between 50°F and 90°F unless otherwise permitted by the paint manufacturer's printed instructions.

B. Architectural coating systems shall be as follows

1. Coating System 300

- a. Location -- Vertical concrete walls and concrete masonry unit walls exposed to view and fiber cement board.
- b. Surface Preparation – Surfaces shall be cleaned with a manufacturer’s approved chemical cleaner and power washed. Surfaces shall be completely dry, free from efflorescence, oils, paint, and other contaminants before the coating system is applied. Coating system shall be applied according to the manufacturer’s published recommendations. A manufacturer’s representative shall be present during application of the coating system, if required by the manufacturer’s warranty.
- c. Coating System – Apply two flood coats of an RTV silicone rubber water repellent and graffiti protectant, Chemprobe Series 626 Dur A Pell GS, or equal. All coatings to be clear. Apply per manufacturer’s instructions.

2. Paint System 301

- a. Location -- Vertical concrete exterior walls and flat concrete exterior roofs and slabs exposed to view.
- b. Surface Preparation -- As specified herein.
- c. Coating System -- Apply two coats 6.0-9.0 mils (100 ft²/gal) each coat, Tnemec Series 156 Envirocrete, or approved equal. Color as selected by CONTRACTING AGENCY.

3. Paint System 302

- a. Location -- Interior concrete masonry unit walls and interior and exterior wood walls, ceilings and other wood surfaces not otherwise specified, exposed to view.
- b. Surface Preparation -- As specified herein.
- c. Coating System -- Prime as specified by coating manufacturer. Apply two coats 6.0 - 9.0 mils (100 ft²/gal) each coat, Tnemec Series 156 Envirocrete, or approved equal. Color as selected by CONTRACTING AGENCY.

4. Paint System 303
 - a. Location -- Wood surfaces not otherwise specified, exposed to view.
 - b. Surface Preparation -- As specified herein.
 - c. Coating System -- Apply an alkyd primer as recommended by the manufacturer, 2 mils. Apply finish coats (two or more coats 6 mils total) of single component, water based acrylic latex coating, Tnemec Series 6, Carboline 3350 or equal. Total DFT = 8 mils. Color as selected by OWNER.

PART 3 EXECUTION

3.1 Storage, Mixing and Thinning of Materials

- A. Manufacturer's Recommendations -- Unless otherwise specified herein, the coating manufacturer's printed recommendations and instructions for thinning, mixing, handling, applying, and protecting its coating materials, for preparation of surfaces for coating, and for all other procedures relative to coating shall be strictly observed.
- B. All protective coating materials shall be used within the manufacturer's recommended shelf life.
- C. Storage and Mixing -- Coating materials shall be protected from exposure to cold weather, and shall be thoroughly stirred, strained, and kept at a uniform consistency during application. Coatings of different manufacturers shall not be mixed together.

3.2 Corrections and Cleanup

At completion any damaged, de-laminated or defaced coated surfaces shall be touched up, restored and left in first class condition. Any coated or finished surfaces damaged in fitting or erection shall be restored. If necessary, an entire wall shall be refinished rather than spot finished. Upon completion and prior to final acceptance, all equipment and unused materials accumulated in the coating process shall be removed from the site and any spillage, spatter spots or other misplaced coating material shall be removed in a manner which will not damage surfaces. Perform required patching, repair and cleaning to the satisfaction of the ENGINEER. Cooperate and coordinate work with the work of other trades in the removal and replacement of hardware, fixtures, covers, switch plates, etc., as required for coating.

3.3 Surface Preparation

A. General

Prepare all surfaces scheduled to receive new coating systems, as required by the manufacturer and to provide for adequate bonding of the specified coating system to the substrate material. Request review of prepared surfaces by the ENGINEER prior to proceeding. Surface preparation shall be as required by the manufacturer and the minimum shall be as follows.

1. Exposed metal items, non-submerged, unprimed, non-galvanized both interior and exterior, including: piping, structural steel and all other metal items not otherwise specified, shall undergo surface preparation in accordance with Steel Structures Painting Council Surface Preparation 6 (SSPC-SP6), "Commercial Blast Cleaning".
2. Exposed metal items, shop primed, both interior and exterior including: piping, steel doors, steel ladders to be painted, and railings, and all other metal items not otherwise specified, shall undergo surface preparation in accordance with SSPC-SP1, "Solvent Cleaning"; SSPC-SP2, "Hand Tool Cleaning"; and SSPC-SP3, "Power Tool Cleaning" as may be required to remove grease, loose or peeling or chipped paint.
3. Metal items, unprimed or non-galvanized, continuously or intermittently submerged, both interior and exterior including: piping, structural steel and all other metal items not otherwise specified, shall undergo surface preparation in conformance with SSPC-SP10, "Near-White Blast Cleaning".
4. Polyvinyl Chloride (PVC) - Nonsubmerged, both interior and exterior, process piping and plumbing, shall be lightly sanded prior to application of the specified coating system to follow.
5. Concrete - Clean all concrete surfaces of dust, form oil, curing compounds or other incompatible matter. Etch and prime if required by manufacturer for specified coating products to follow. Allow minimum 28-day cure of concrete prior to application of coating systems.
6. Concrete Masonry Units -- Repair all breaks, cracks and holes with concrete grout. The surface must be free of dirt, dust, loose sand and other foreign matter. Brush clean. Allow minimum 28-day cure of concrete joint mortar and repair grout prior to application of coatings system.

3.4 Field Prime

Wherever shop priming has been damaged in transit or during construction, the damaged area shall be cleaned and touched up with field primer specified herein or returned to the shop for resurfacing and re-priming, at the ENGINEER's discretion. Metal items delivered to the job site unprimed shall be cleaned and primed as specified herein.

3.5 Application

- A. Thickness -- Apply coatings in strict conformance with the manufacturer's application instructions. Apply each coat at the rate specified by the manufacturer to achieve the dry mil thickness specified. If material must be diluted for application by spray gun, build up more coating to achieve the same thickness as undiluted material. Correct apparent deficiency of film thickness by the application of an additional coat.
- B. Porous Surfaces – Follow manufacturer's recommendations for applying to porous surfaces.
- C. Ferrous metal surfaces shall be painted before any rusting or other deterioration of the surface occurs. Blast cleaning shall be limited to only those surfaces that can be coated in the same working day.
- D. Coatings shall be applied in accordance with the manufacturer's instructions and recommendations, and this Section, whichever has the most stringent requirements.
- E. Special attention shall be given to edges, angles, weld seams, flanges, nuts and bolts, and other places where insufficient film thicknesses are likely to be present. Use stripe coating for these areas.
- F. Special attention shall be given to materials which will be joined so closely that proper surface preparation and application are not possible. Such contact surfaces shall be coated prior to assembly or installation.
- G. Ventilation -- Adequately ventilate enclosed rooms and spaces during painting and drying periods.
- H. Drying Time -- Do not apply next coat of coat until each coat is dry. Test non-metallic surfaces with moisture meter. The manufacturer's recommended drying time shall mean an interval under normal condition to be increased to allow for adverse weather or drying conditions. Coating manufacturer's representative shall verify by cure testing, complete cure of coatings systems used for immersion service.

3.6 Coating Schedule

Item/Surface	Location	Material	Coating System	Color
Sewer Piping (Interior)	All	Ductile Iron	Per Section 02620	Per Mfr
Sewer Piping (Exterior)	Exposed	Ductile Iron	System 101	Per Section 10400
Wet Well	Interior Walls	Concrete	System 090	Per OWNER
Vaults	Interior Walls	Concrete	System 302	Off-White
Doors & Frames	Interior and Exterior Faces	Steel	System 101	Per OWNER
Louvers	Interior and Exterior Faces	Aluminum	Mfr coating	Herring Bone
CMU	Building Interior	CMU	System 302	Off-White
CMU	Building Exterior	CMU (Split Faced)	System 300	Clear
Retaining Wall Fascia	Exposed	Concrete	System 300	Clear
Floor Slab	Building Interior	Concrete	System 301	Clear
Exposed Trusses & Sheathing	Building Interior	Wood	System 303	Off-White
Fascia Board	Building Exterior	Fiber Cement Board	System 300	Light Tan
Downspouts, Gutters	Building Exterior	Aluminum	Mfr coating	Per OWNER
Metal Roof	Building Exterior	Steel	Mfr coating	Forest Green
Aluminum	Wherever in contact with concrete	Aluminum	System 091	Per Mfr

END OF SECTION