





#### PART 1 GENERAL

SECTION 09902 - FIELD PAINTING

### 1.1 SCOPE OF WORK

A. Furnish all materials, labor, equipment and incidentals required and perform all painting necessary to complete the work in its entirety as shown on the drawing and as specified herein.

#### 1.2 SUBMITTALS

- A. Product Data: For each paint system indicated, include:
- 1. Material List: An inclusive list of required coating materials. Indicate each material and cross reference specific coating, finish system, and application. Identify each material by manufacturer's catalog number and general classification.
- 2. Preparation instructions and recommendations.
- 3. Manufacturer's Information: Manufacturer's technical information, including label analysis and instructions for handling, storing, and applying each coating material. B. Paint Color:
- 1. Paint for concrete to approximately match color of existing brick building PPG Paints, Rum Raisin (PPG 1064-7) or equal. Provide up to three additional paint color options to owner for final color selection.
- 2. Paint for ferrous and non-ferrous metal items to be black PPG Paints, Black Magic (PPG 1001-7) or equal. PART 2 PRODUCTS
- 2.1 MANUFACTURERS
- A. PPG Paints; 400 Bertha Lamme Drive; Cranberry Township, PA 16066. Toll Free Tel: 888-PPG-IDEA or approved equal. 2.2 EXTERIOR PAINT SYSTEMS
- A. Concrete: Provide the following finish systems over exterior concrete:
- 1. Acrylic Finish: Two finish coats over a primer.
- a. Primer: PPG Paints; 4-2 Perma-Crete High Build Acrylic Primer: Applied at a dry film thickness of not less than 2.6 mils (0.066 mm).
- b. Exterior elastomeric coating: PPG Paints; 4-110XI Perma-Crete Pitt-Flex Elastomeric Coating: Applied at a dry film thickness of not less than 5.4 mils (0.136 mm).
- B. Ferrous Metal: Provide the following finish systems over exterior ferrous metal.
- 1. Alkyd-Enamel Finish: Two finish coats over a rust-inhibitive primer (primer required for items not shop-primed). a. Primer: PPG Paints; 6-208 Speedhide Alkyd Metal Primer: Applied at a dry film thickness of not less than 2.3 mils (0.059
- b. Exterior full-gloss alkyd enamel finish: PPG; 7-814 PPG Industrial Gloss-Oil Interior/Exterior Enamel: Applied at a dry film thickness of not less than 2.0 mils (0.050 mm).
- C. Aluminum: Provide the following finish systems over exterior aluminum surfaces:
- 1. Alkyd Enamel Finish: Two finish coats over a primer.
- a. Primer: PPG; 90-712 Pitt-Tech Interior/Exterior Primer/Finish DTM Industrial Enamel: Applied at a dry film thickness of not less than 3.0 mils (0.076 mm). b. Exterior full-gloss alkyd enamel finish: PPG; 7-814 PPG Industrial Gloss-Oil Interior/Exterior Enamel: Applied at a dry film
- thickness of not less than 2.0 mils (0.050 mm).

PART 3 EXECUTION 3.1 PREPARATION

- A. Cleaning: Before applying paint or other surface treatments, clean substrates of substances that could impair bond of the various coatings. Remove oil and grease before cleaning. 1. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted
- surfaces B. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
- 1. Provide barrier coats over incompatible primers or remove and reprime.
- 2. Cementitious Substrates: Prepare concrete surfaces to be coated. Remove efflorescence, chalk, dust, dirt, grease, oils, and release agents. Roughen as required to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods to prepare surfaces.
- a. Use abrasive blast-cleaning methods if recommended by coating manufacturer. b. Determine alkalinity and moisture content of surfaces by performing appropriate tests. If surfaces are sufficiently alkaline to
- cause the finish paint to blister and burn, correct this condition before application. Do not coat surfaces if moisture content exceeds that permitted in manufacturer's written instructions. 3. Ferrous Metal Substrates: Clean ungalvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt,
- loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with SSPC recommendations
- 4. Nonferrous-Metal Substrates: Clean nonferrous and galvanized surfaces according to manufacturer's written instructions for the type of service, metal substrate, and application required.
- C. Material Preparation: Carefully mix and prepare coating materials according to manufacturer's written instructions. 1. Maintain containers used in mixing and applying coatings in a clean condition, free of foreign materials and residue.
- 2. Stir materials before applying to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into the material. Remove film and, if necessary, strain coating material before using. 3. Use only the type of thinners approved by manufacturer and only within recommended limits.
- 3.2 APPLICATION
- A. General: Apply paint according to manufacturer's written instructions. Use applicators and techniques best suited for substrate and type of material being applied.
- B. Application Procedures: Apply coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions. 1. The number of coats and film thickness required is the same regardless of application method. 2. Completed Work: Match approved Samples for color, texture, and coverage. Remove, refinish, or recoat work that does not
- comply with specified requirements. 3.3 FIELD QUALITY CONTROL
- A. Owner reserves the right to invoke the following test procedure at any time and as often as Owner deems necessary during the period when paint is being applied:
- 1. Owner will engage a qualified independent testing agency to sample paint material being used. Samples of material delivered to Project will be taken, identified, sealed, and certified in the presence of Contractor. 2. Owner may direct Contractor to stop painting if test results show material being used does not comply with specified
- requirements. Contractor shall remove noncomplying paint from Project site, pay for testing, and repaint surfaces previously coated with the noncomplying paint. If necessary, Contractor may be required to remove noncomplying paint from previously painted surfaces if, on repainting with specified paint, the two coatings are incompatible.
- 3.4 CLEANING
- A. After completing painting, clean paint spattered surfaces. Remove spattered paint by washing and scraping without scratching or damaging adjacent finished surfaces. 3.5 PROTECTION
- A. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or
- replacing, and repainting, as approved by Architect B. Provide "Wet Paint" signs to protect newly painted finishes. After completing painting operations, remove temporary protective
- wrappings provided by others to protect their work. C. After work of other trades is complete, touch up and restore damaged or defaced painted surfaces.

# PLANTING SCHEDULE

SYM	BOTANICAL-NAME	COMMON-NAME	SIZE	ROOT	QTY
BG	Buxus x 'Glencoe'	Chicagoland Green Boxwood	24"-30"	7 Gal	17

## PLANTING NOTES

- 1. ALL PLANTING MATERIAL TO BE NURSERY GROWN STOCK SUBJECT TO APPLICABLE A.A.N. STANDARDS 2. THE CONTRACTOR SHALL SUPPLY ALL PLANTS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT LIST. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT LIST AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER NUMBER SHALL APPLY.
- 3. ALL PLANTS SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE LOCATED ON SITE BY THE CONTRACTOR, FOR THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- 4. ANY INSTALLATIONS WHICH WERE NOT APPROVED BY THE LANDSCAPE ARCHITECT AND WHICH ARE SUBSEQUENTLY REQUESTED TO BE MOVED, WILL BE DONE AT THE CONTRACTORS EXPENSE. PRECISE LOCATION OF ITEMS NOT DIMENSIONED ON THE PLAN ARE TO BE FIELD STAKED BY THE
- CONTRACTOR AND SHALL BE SUBJECT TO THE REQUIREMENTS SPECIFIED IN THE PREVIOUS NOTE. 6. ALL SHRUB MASSINGS AND TREE PITS SHALL BE MULCHED TO A DEPTH OF 3" WITH SHREDDED PINE
- BARK MULCH. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGED VEGETATION AND SHALL REPLACE OR REPAIR
- ANY DAMAGE, AT HIS OWN EXPENSE. ALL SHRUB AND GROUND COVER PLANTING AREAS SHALL HAVE CONTINUOUS BEDS OF TOPSOIL, 24" DEPTH.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD. WHERE PLANT MATERIAL MAY INTERFERE WITH UTILITIES, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT TO COORDINATE THEIR INSTALLATION.
- 10. PLANTINGS INSTALLED IN THE DRY SUMMER MONTHS AND /OR LAWN SEEDED OUT OF SPRING OR FALL PERIODS, IF ALLOWED BY OWNER, WILL REQUIRE AGGRESSIVE IRRIGATION PROGRAMS AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- 11. SUBSTITUTIONS PERMITTED ONLY UPON WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE. 12. PLANT TAGS TO REMAIN ON ALL PLANT MATERIAL UNTIL FINAL ACCEPTANCE. CONTRACTOR TO THEN
- REMOVE ALL PLANT TAGS.
- 13. WHERE A SIZE RANGE IS GIVEN IN THE PLANT SCHEDULE, AT LEAST 50% OF THE PLANTS PROVIDED SHALL BE OF THE LARGER SIZE.
- 14. CONTRACTOR TO GUARANTEE ALL PLANT MATERIAL FOR ONE YEAR AFTER DATE OF FINAL ACCEPTANCE. CONTRACTOR TO MAINTAIN ALL PLANT MATERIAL UNTIL 60 DAYS AFTER FINAL ACCEPTANCE.
- 15. TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT COVERED BY OTHER SITE IMPROVEMENTS.







THREE TIMES WIDTH OF ROOTBALL

SHRUB PLANTING DETAIL NOT TO SCALE

Α

# #595 HARRISON AVE CATHEDRAL ELEMEMTARY SCHOOL **3 STORY BRICK BUILDING**

1/2" = 1'-0"

CONCRETE RAMP - EAST ELEVATION 1/2" = 1'-0"

