

1717 Arch Street, Suite 4010
Philadelphia, PA 19103

T: 484.253.4700

October 29, 2025



Ms. Katherine Liss
Acting Director, Philadelphia Art Commission
City of Philadelphia Department of Planning and Development
1515 Arch Street, 13th Floor
Philadelphia, PA 19102

Subject: Philadelphia Water Department
Lardner's Point Pumping Station Replacement/Rehabilitation
Contract A – Sewer Maintenance Facilities
BC Project No. 156077
Application for Art Commission Construction Approval (Final)

Dear Ms. Liss:

The purpose of this correspondence is to formally request final construction review/approval from the Art Commission for new Sewer Maintenance Facilities which will be constructed as part of the overall Lardner's Point Pumping Station Replacement/Rehabilitation Project. The Art Commission previously provided "concept approval" of the proposed improvements during the public meeting on December 11, 2024 as described in the attached letter.

All review comments provided by the Art Commission during "concept approval" have been addressed during further development of the final design documents. Additional information and specific responses to the review comments will be included in the public meeting presentation to be provided under separate cover. Please note that Creative Philadelphia has reviewed and agreed upon the proposed approach to incorporate Percent for Art requirements into the project as described in the attached email message dated January 17, 2025.

Additional final submission materials, including renderings, product data, and other supporting materials/information, will be provided under separate cover by November 5th in order to be added to the agenda for the Art Commission Public Meeting on November 12th.

Please send any correspondence regarding this application to the following:

Brian Sparks
Philadelphia Water Department
1101 Market Street, 2nd Floor
Philadelphia, PA 19107
brian.sparks@phila.gov

Christopher Patackis
Brown and Caldwell
1717 Arch Street, Suite 4010
Philadelphia, PA 19103
cpatackis@brwnncald.com

Ms. Katherine Liss
Acting Director, Philadelphia Art Commission
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Should you have any questions or need additional information, please do not hesitate to contact me at (484) 253-4685.

Very truly yours,

Brown and Caldwell



Christopher Patackis, PE, BCEE
Project Manager

cc: B. Sparks, PWD

Attachments:

1. Art Commission Letter dated December 11, 2024
2. Creative Philadelphia Email dated January 17, 2025

Philadelphia Water Department

Lardner's Point Pumping Station Replacement/Rehabilitation

Contract A – Sewer Maintenance Facility at NEWPCP

Philadelphia Art Commission Construction Review

Final Review Presentation

November 12, 2025



Project Objectives

- Construct a sustainable, multi-use complex that will provide long-term value to PWD to support sewer maintenance field operations.
- Major components will include:
 1. Construction of a Sewer Maintenance Administration Building with personnel space for 100 field staff
 2. Construction of a Sewer Maintenance Garage
 3. Construction of miscellaneous sewer maintenance facilities including an Inlet Cleaning Dewatering Facility, material storage bins, and a yard area with parking spaces for field vehicles and equipment.
 4. Construction of a new Operations Storage Building for NEWPCP materials and equipment.



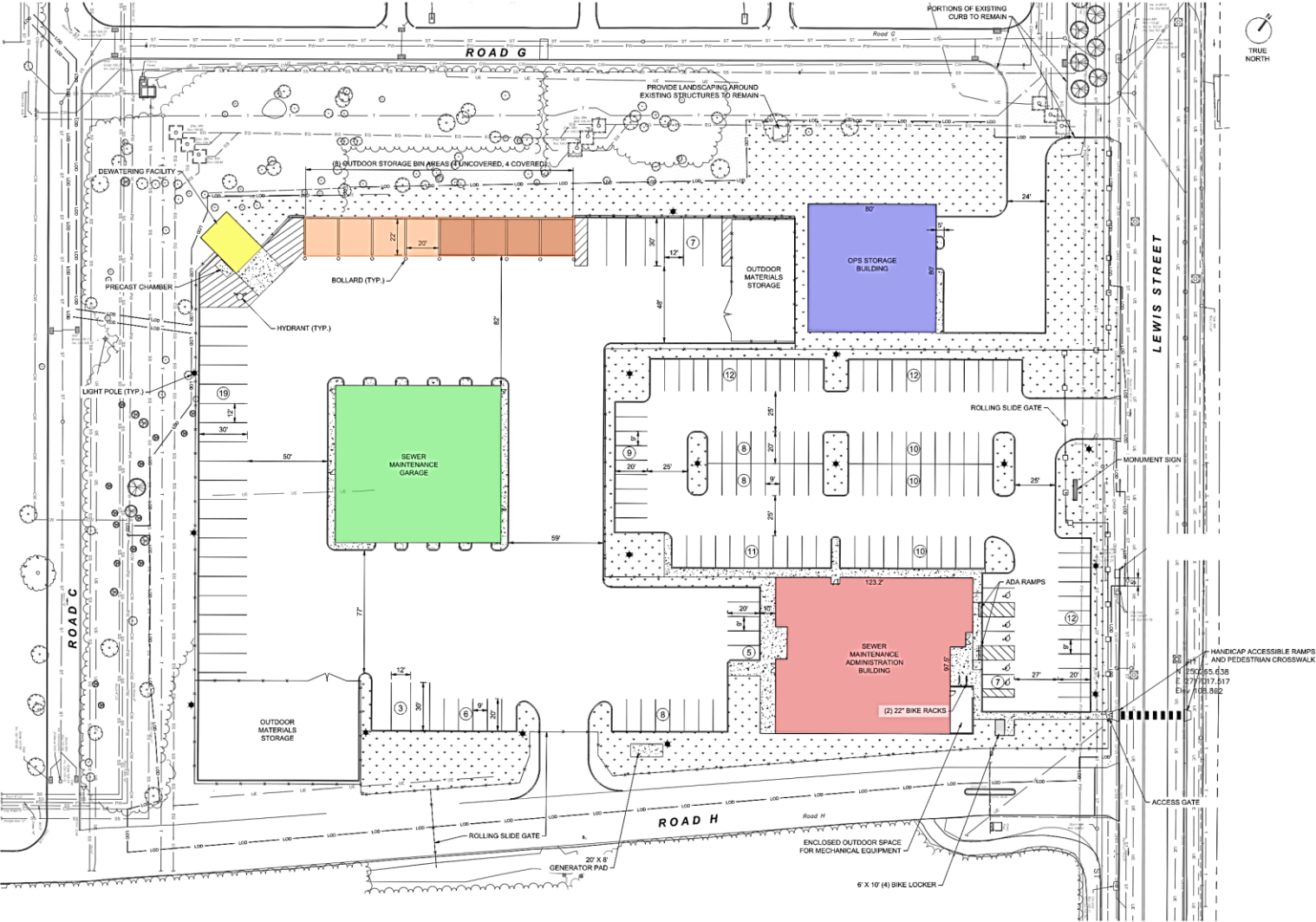
Existing Conditions – NEWPCP Site



Aerial View - Existing Conditions

- Site Address:
3899 Richmond Street
Philadelphia, PA 19137
- Construction of proposed improvements within available land at the NEWPCP property.
- Existing site contains a vehicle parking area used by Fleet Management and a storage building used for NEWPCP operations.

Civil/Site Design



Site Plan – Proposed Conditions

Legend

- SEWER MAINTENANCE ADMINISTRATION BUILDING
- SEWER MAINTENANCE GARAGE
- NEWPCP OPERATIONS STORAGE BUILDING
- INLET CLEANING DEWATERING FACILITY
- MATERIAL STORAGE BINS

Site Views – Future Conditions



Aerial View from Northeast Corner of Site

Site Views – Future Conditions



Aerial View from Northwest Corner of Site

Site Views – Future Conditions



Aerial View from Southwest Corner of Site

Site Views – Future Conditions



Aerial View from Southeast Corner of Site

Glazing Design – SMA Building

- Building design considers mitigation of both solar glare and bird strikes.
- In some instances, design measures which provide solar glare mitigation have a secondary benefit of providing bird strike mitigation.
- Various alternatives were evaluated including:
 - Exterior louvers (vertical and horizontal), exterior lightshelves, interior shades, interior blinds, etc.
 - Window glazing patterns (etch, frit, film, etc.)
- Final selection considered technical criteria, construction costs, and PWD preferences.
- Proposed design achieves credits for LEED certification.



Glazing Design – SMA Building

Bird Strike Mitigation:

- No building code or ordinance with definitive design criteria.
- Design based on best practice and recommendations of Bird Safe Building Act of 2019.
- Proposed Design:
 - “Bird1st Etch DV24” glass on Surface #1
 - Low-E coating on Surface #2.
 - Basis of Design: Guardian Glass, LLC
- [Contributes to LEED Innovation Credit for Bird Collision Deterrence.](#)

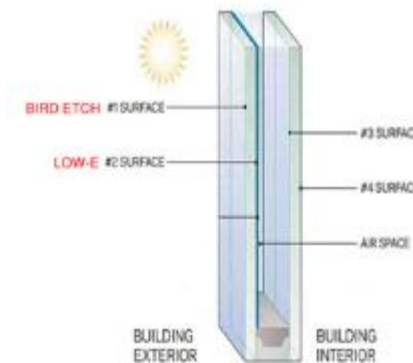


Bird Safe Building Act of 2019 (H.R. Bill 191)

Passed the U.S. House of Representatives as part of the Invest in America Act

At least 90% of the exposed façade material from ground level to 40 ft shall not be composed of glass or shall be composed of glass employing:

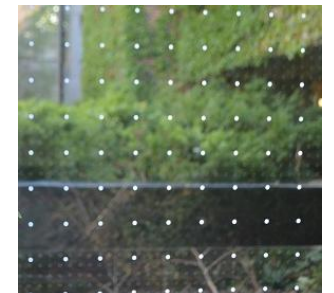
- Elements that preclude bird collisions without completely obscuring vision;
- Ultraviolet (UV) patterned glass that contains UV-reflective or contrasting patterns that are visible to birds;
- Patterns on glass designed in accordance with the 2 x 4 rule
- Opaque, etched, stained frosted or translucent glass; or
- Any Combination of the methods described



Bird1st Etch DV24

THREAT FACTOR: 25

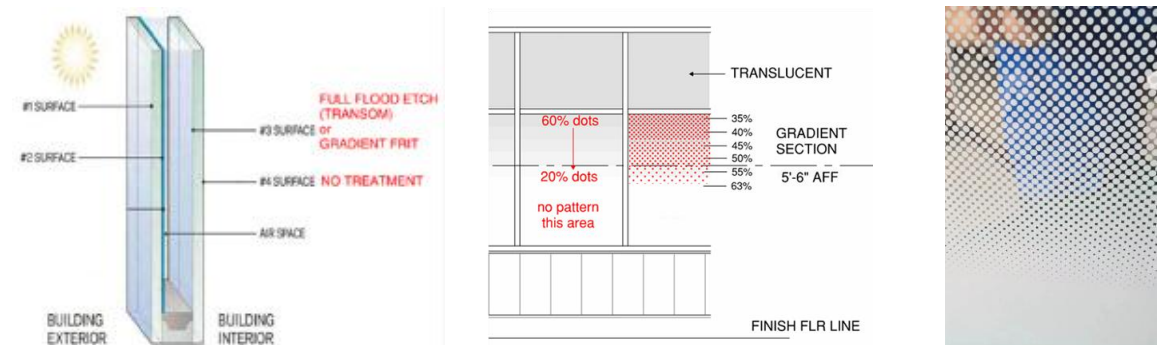
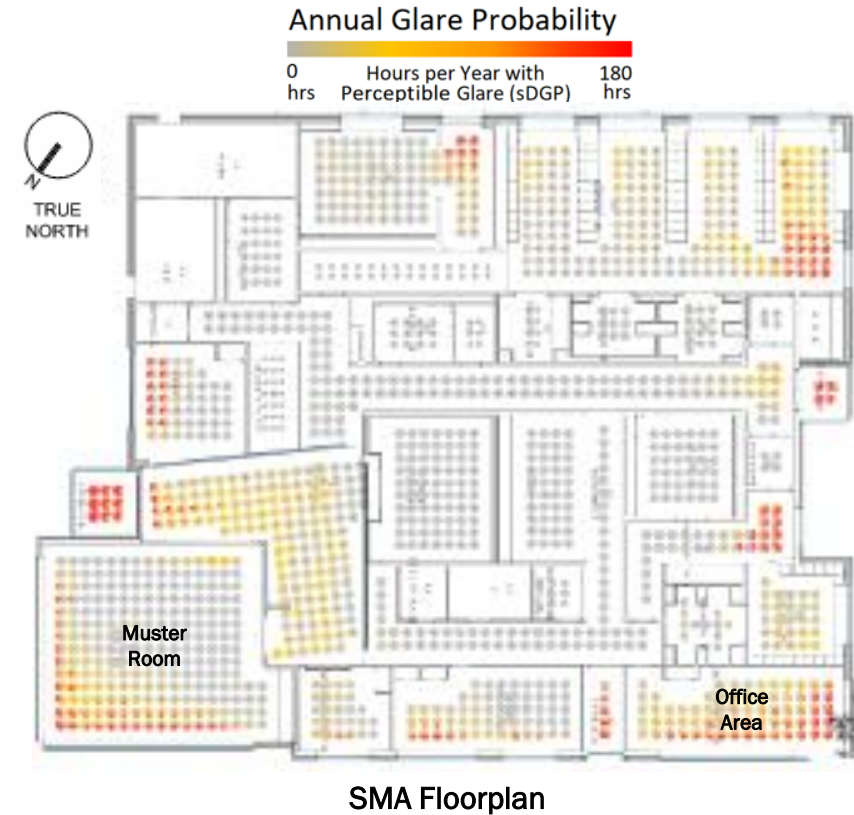
Directional 6mm dots, vertically oriented and spaced 2" x 4" apart



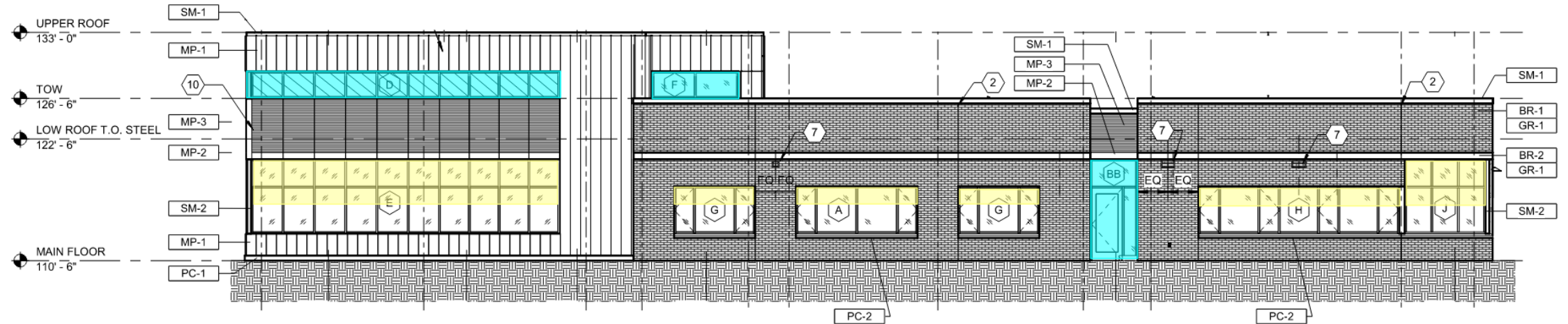
Glazing Design – SMA Building

Solar Glare Mitigation:

- Design based on solar glare and daylight modeling which predicts high solar glare in the Muster Room and Office Areas.
- Proposed Design:
 - White translucent pattern on Surface #3 in the upper panel of window.
 - Graduated white dot frit pattern on Surface #3 in the lower panel of window. Graduated frit pattern will start at 60% and transition to 20% with remaining portion of the window clear.
 - Manual roller shades on the building interior.
 - Clear glass in Office Areas allows for visual observation of activities in the exterior yard and parking areas of the site.
 - Basis of Design: Guardian Glass, LLC
- **Contributes to LEED Indoor Environmental Quality Credit for Daylight and Glare Control.**



Glazing Design – SMA Building



North Elevation

Legend

	BIRD STRIKE TREATMENT
	SOLAR GLARE TREATMENT
	NO TREATMENT

Bird Strike Treatment



"Bird1st Etch DV24" glass and Low-E coating

Solar Glare Treatment



Upper Panel:
White translucent pattern

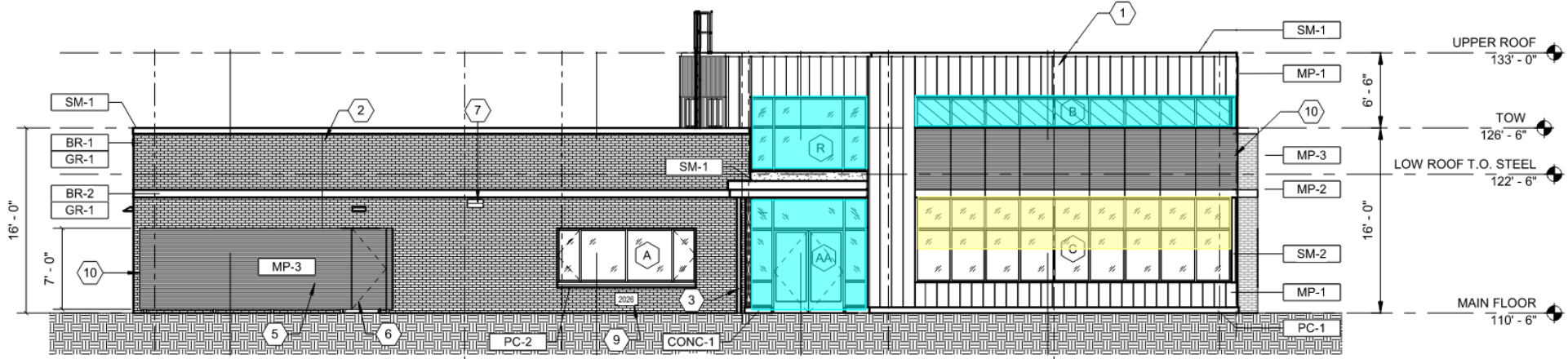


Lower Panel:
Graduated frit pattern



Interior:
Manual roller shade

Glazing Design – SMA Building

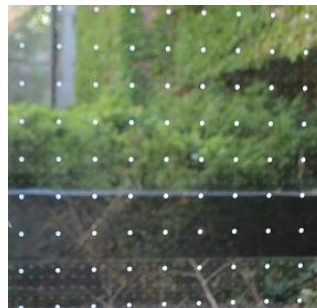


East Elevation

Legend

	BIRD STRIKE TREATMENT
	SOLAR GLARE TREATMENT
	NO TREATMENT

Bird Strike Treatment



"Bird1st Etch DV24" glass and Low-E coating

Solar Glare Treatment



Upper Panel:
White translucent pattern

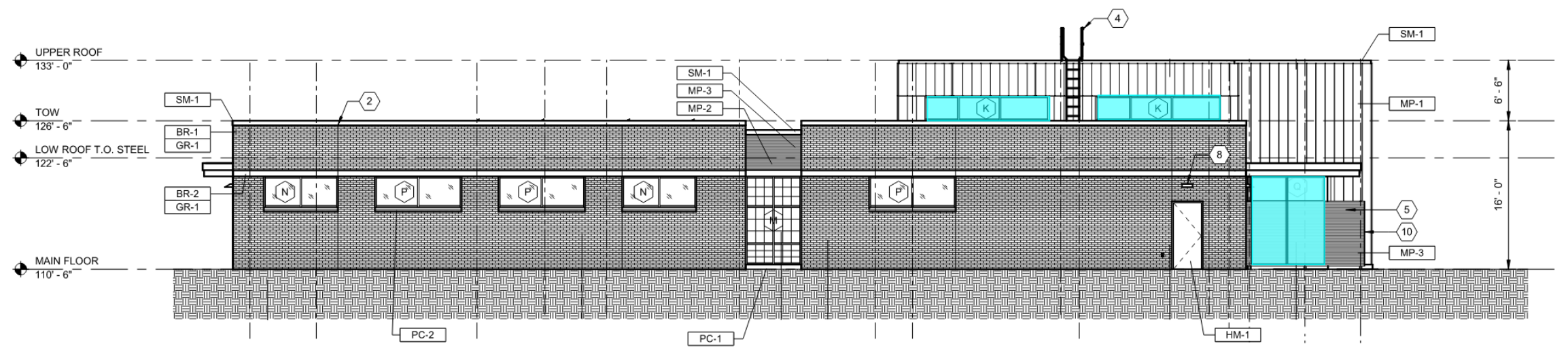


Lower Panel:
Graduated frit pattern



Interior:
Manual roller shade

Glazing Design – SMA Building



South Elevation

Legend

	BIRD STRIKE TREATMENT
	SOLAR GLARE TREATMENT
	NO TREATMENT

Bird Strike Treatment



"Bird1st Etch DV24" glass and Low-E coating

Solar Glare Treatment



Upper Panel:
White translucent pattern

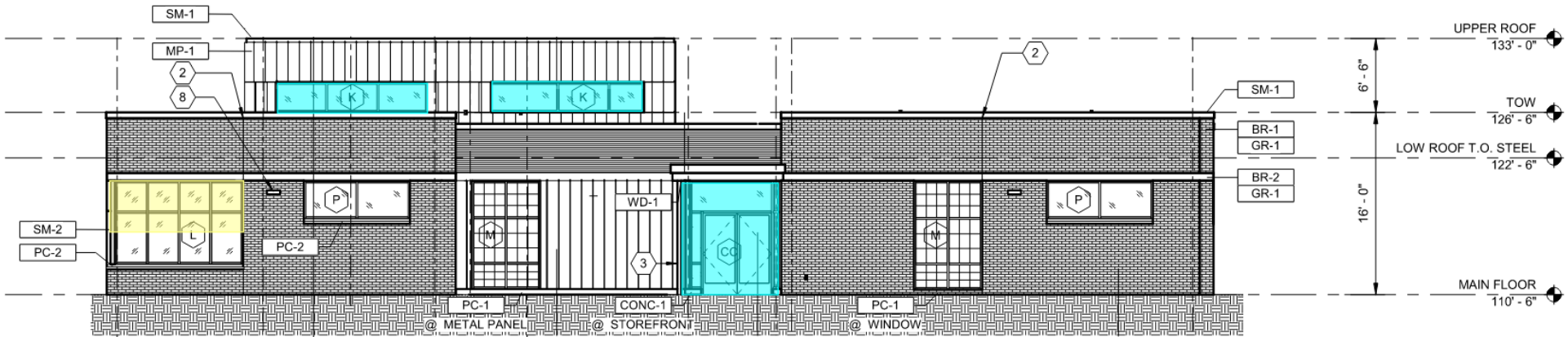


Lower Panel:
Graduated frit pattern



Interior:
Manual roller shade

Glazing Design – SMA Building

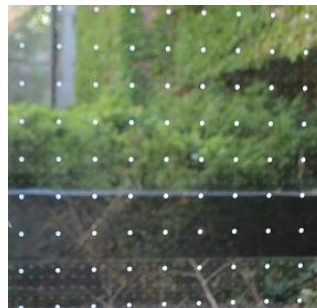


West Elevation

Legend

	BIRD STRIKE TREATMENT
	SOLAR GLARE TREATMENT
	NO TREATMENT

Bird Strike Treatment



"Bird1st Etch DV24" glass and Low-E coating

Solar Glare Treatment



Upper Panel:
White translucent pattern



Lower Panel:
Graduated frit pattern



Interior:
Manual roller shade

Site Lighting Design



Site Lighting – Glow Plan



25' TALL LIGHTPOLES WITH FULL-CUTOFF LED AREA LIGHTS



SMALL-FORMAT LED FLOODLIGHTS AT ENTRY SIGNAGE



BUILDING-MOUNTED FULL-CUTOFF LED WALL-PACKS



Landscape Plan



Tree Plan

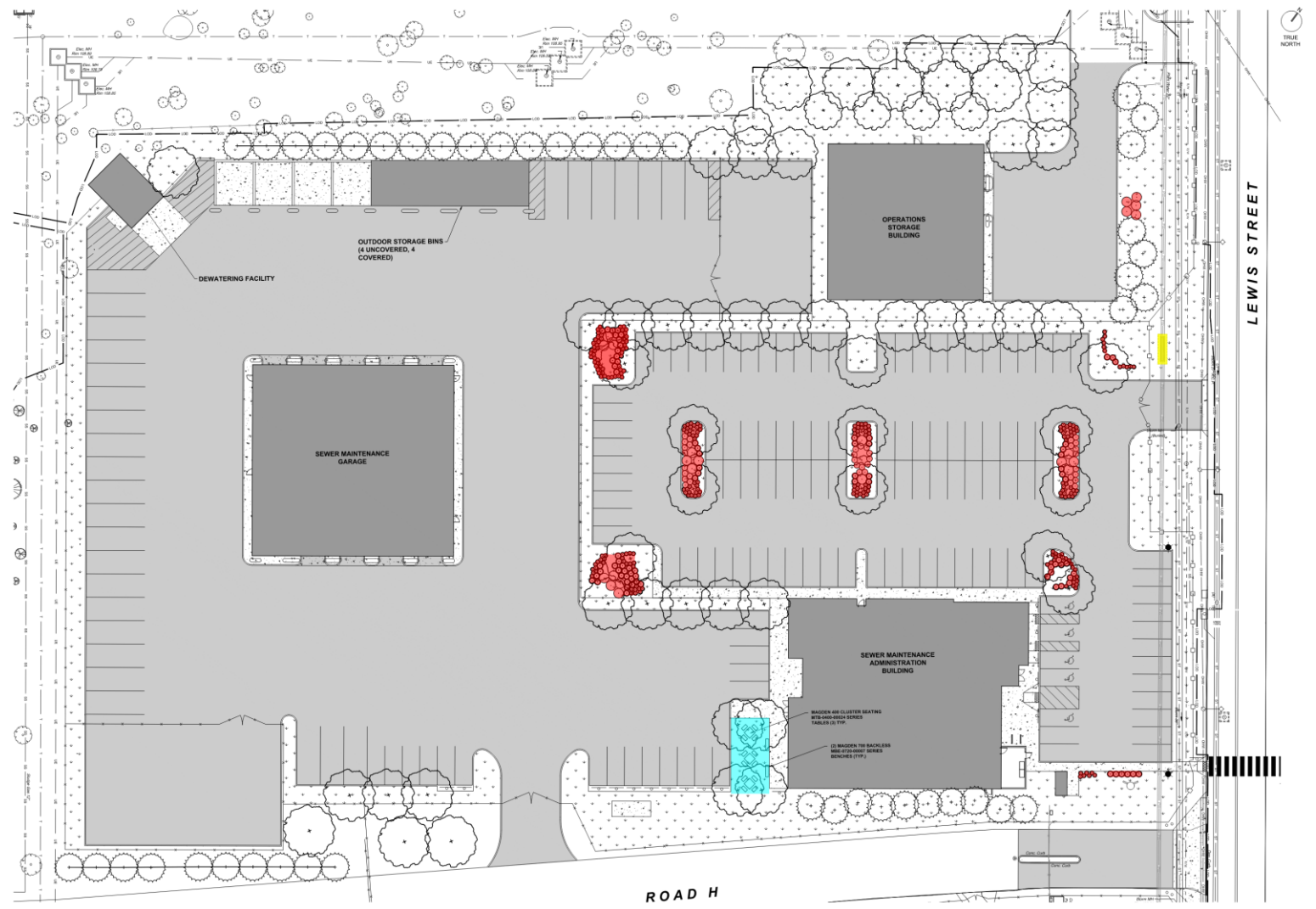
Landscape Features:

- 1. Yard Trees and Parking/Landscape Buffers
- 2. Interior Landscape Areas
- 3. Front Entry Sign
- 4. Landscape Plaza

Legend

- SUGAR MAPLE
- SYCAMORE
- SERVICEBERRY
- KENTUCKY COFFEETREE
- GINKO 'PRINCETON SENTRY'
- FLOWERING DOGWOOD
- EASTERN RED CEDAR

Landscape Plan



Landscape Features:

- 1. Yard Trees and Parking/Landscape Buffers
- 2. Interior Landscape Areas
- 3. Front Entry Sign
- 4. Landscape Plaza

Legend

	INTERIOR LANDSCAPE AREAS
	FRONT ENTRY SIGN
	LANDSCAPE PLAZA

Planting Plan

Landscape Plan – Schedules

TREE SCHEDULE

QUANTITY	KEY	COMMON NAME	BOTANICAL NAME	CALIPER SIZE
20	AC	SERVICEBERRY	AMELANCHIER CANADENSIS	6'-8"
10	AS	SUGAR MAPLE	ACER SACCHARUM	2 - 2 ½" B&B
44	JV	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	6'-8"
10	CF	FLOWERING DOGWOOD	CORNUS FLORIDA	2 - 2 ½" B&B
7	GB	GINKO 'PRINCETON SENTRY'	GINKO BILOBA 'PRINCETON SENTRY'	2 - 2 ½" B&B
5	GD	KENTUCKY COFFEETREE	GYMNOCLADUS DIOICUS	2 - 2 ½" B&B
8	PO	SYCAMORE	PLATANUS OCCIDENTALIS	2 - 2 ½" B&B

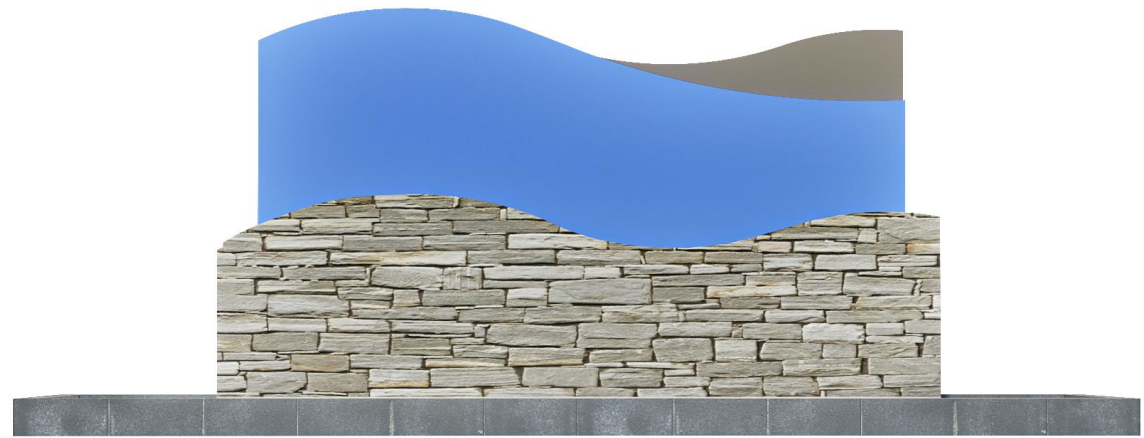
PLANT SCHEDULE

QUANTITY	KEY	COMMON NAME	BOTANICAL NAME	SIZE
SHRUBS				
10	IV	WINTERBERRY HOLLY	ILEX VERTICILLATA	#3 CONT.
13	PL	CHERRY LAUREL	PRUNUS LAUROCERASUS	#3 CONT.
12	SP	MEADOWSWEET	SPIREA JAPONICA	#3 CONT.
24	VD	ARROWWOOD VIBURNUM	VIBURNUM DENTATUM	#3 CONT.
PERENNIALS / GRASSES				
26	BA	BLUE FALSE INDIGO	BAPTISIA AUSTRALIS	#1 CONT.
15	RF	ORANGE CONEFLOWER	RUDBECKIA FULGIDA	#1 CONT.
63	SR	ROUGHLEAF GOLDENROD	SOLIDAGO RUGOSA	#1 CONT.
97	MC	PINK MUHLY GRASS	MUHLENBERGIA CAPILLARIS	#1 CONT.
43	PV	SWITCH GRASS	PANICUM VIRGATUM	#1 CONT.
56	SH	PRAIRIE DROPSEED	SPOROBOLUS HETEROLEPIS	#1 CONT.

Landscape Plan – Front Entry Sign

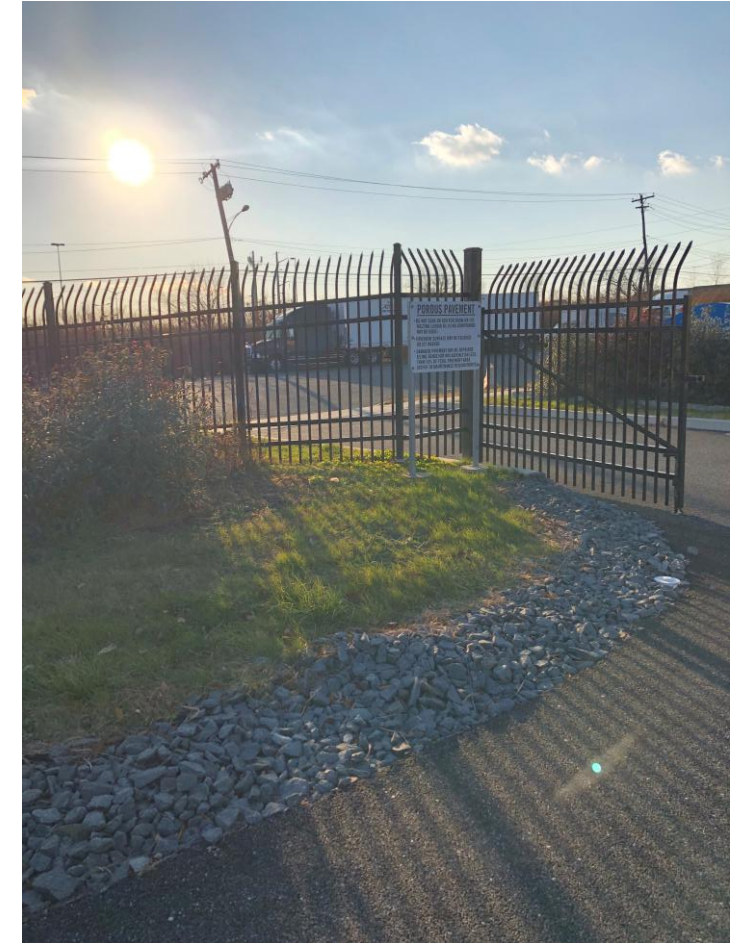
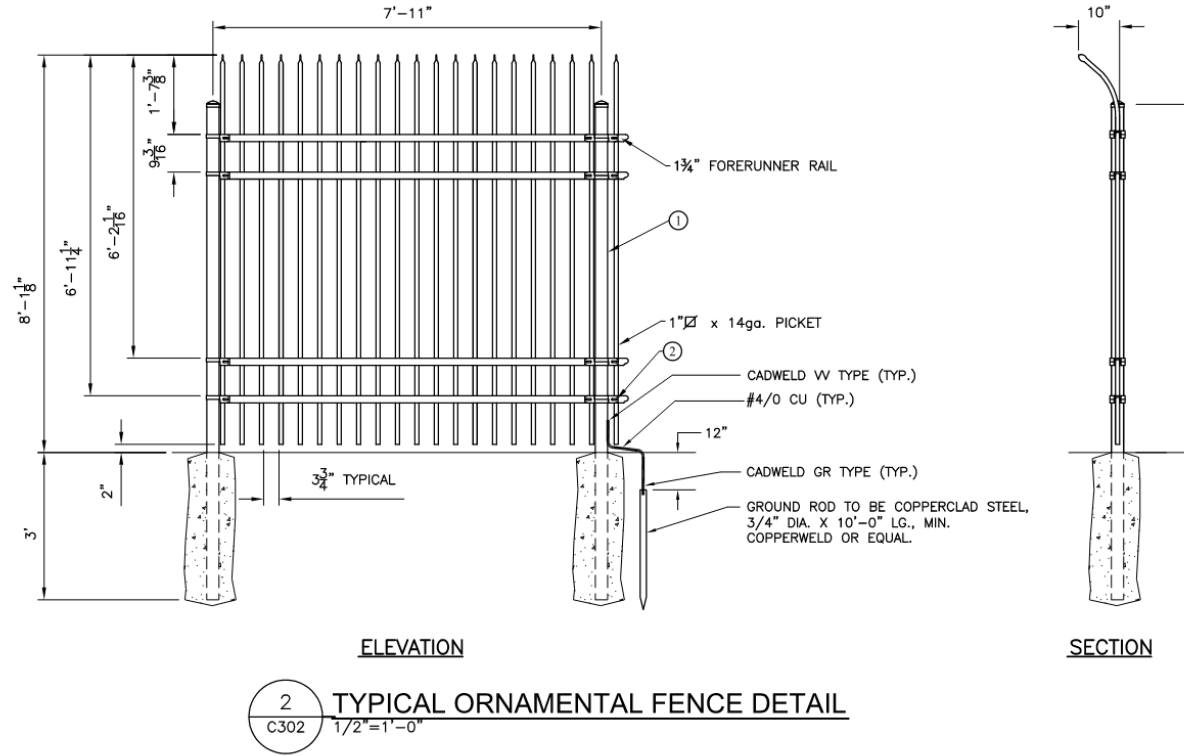


Front View



Rear View

Landscape Plan - Site Fencing



Site Fencing

LEED Certification

Art Commission Concept Approval Comments:

- Provide more details on LEED certification goals, including related site assessment work; consideration of concrete mixes with cement substitutes; and consideration of dark sky compliant lighting, ideally 3000K or less.

Project Team Responses:

- Project using the LEED “New Construction v4 Checklist”.
- City of Philadelphia Bill No. 080025 requires LEED Silver Certification. Current project checklist estimates LEED Silver Certification with potential for LEED Gold Certification.
- Roof of SMG and OSB buildings may accommodate PV systems to achieve renewable energy credits. Final selection of PV systems to be determined by City and PWD.
- Performed Phase I Environmental Site Assessment in 2025. Final report to be completed in 2025.
- Design specifications require 40% slag cement and/or fly ash to replace portland cement in order to reduce embodied carbon.
- Design calculations demonstrate recycled content in concrete and lighter façade materials (e.g. insulated metal panels) result in a 16% reduction in embodied carbon compared to a baseline building.
- Exterior lighting fixtures selected for dark sky compliance.
- Design calculations demonstrate little to no uplighting. Majority of exterior fixtures have an uplight rating of U0 and one fixture has an uplight rating of U1.
- Exterior lighting fixtures are consistently specified at 3000K.

LEED Certification

New Construction v4 Checklist (Draft)

Credit Status				Credit Type	Credit ID	Credit Description	
Awarded	Probable	?	No				
0	65	0	45			Project Information	Required
	Y			D	Form 1	Project Information	Required
0	1	0	0			Integrative Process	1 point
	1			D	Credit 1	Integrative Process	1
0	2	0	14			Location & Transportation	16 points
			-	D	Credit 1	LEED for Neighborhood Development Location	1 to 16
	1			D	Credit 2	Sensitive Land Protection	1
			2	D	Credit 3	High-Priority Site	1 to 2
			5	D	Credit 4	Surrounding Density & Diverse Uses	1 to 5
			5	D	Credit 5	Access to Quality Transit	1 to 5
	1			D	Credit 6	Bicycle Facilities (v4.1)	1
			1	D	Credit 7	Reduced Parking Footprint (v4.1)	1
			1	D	Credit 8	Electric Vehicles (v4.1)	1
0	2	0	8			Sustainable Sites	10 points
	Y			C	Prereq 1	Construction Activity Pollution Prevention	Required
	1			D	Credit 1	Site Assessment	1
			2	D	Credit 2	Site Development, Protect or Restore Habitat (v4.1)	1 to 2
			1	D	Credit 3	Open Space (v4.1)	1
			3	D	Credit 4	Rainwater Management (v4.1)	1 to 3
			2	D	Credit 5	Heat Island Reduction	1 to 2
	1			D	Credit 6	Light Pollution Reduction	1

LEED Certification

New Construction v4 Checklist (Draft)

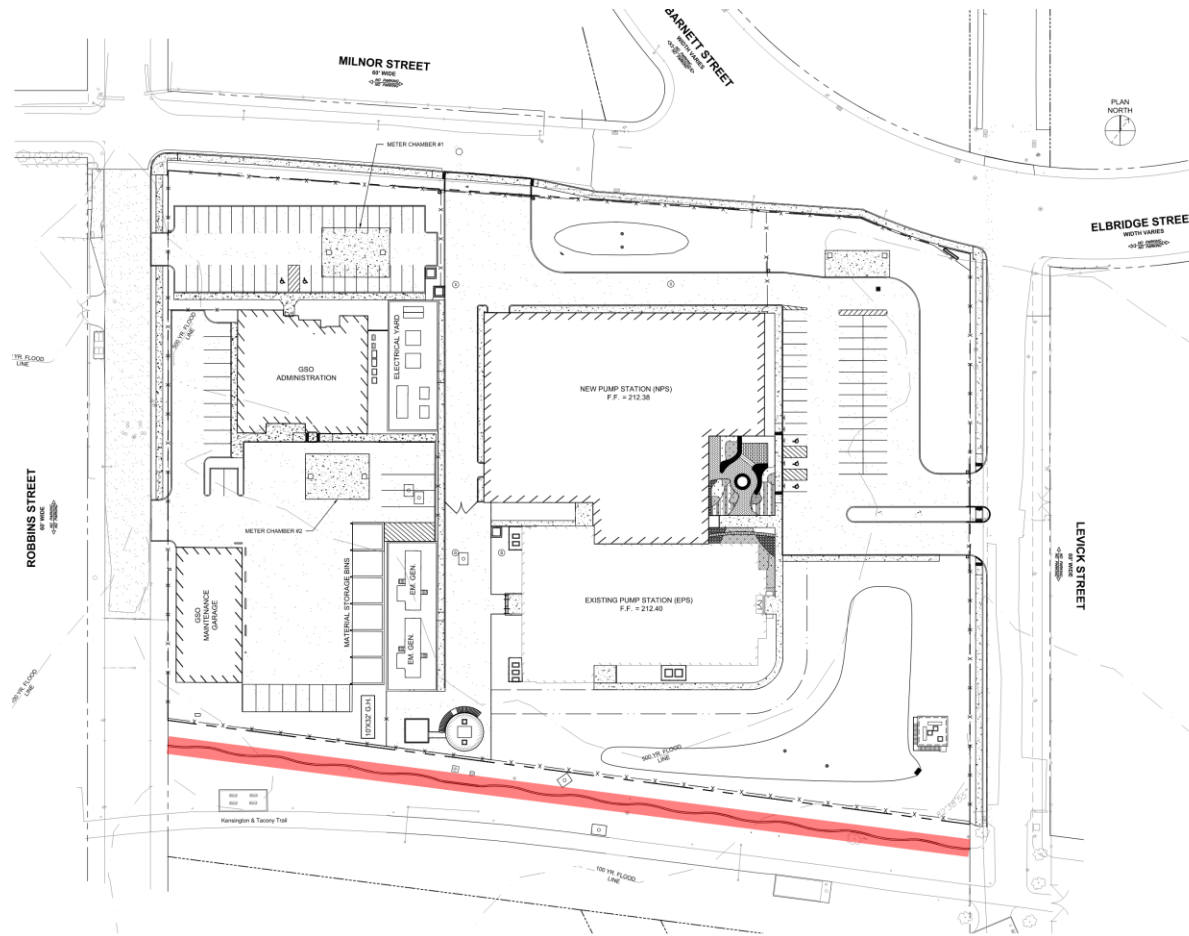
Credit Status				Credit Type	Credit ID	Credit Description	
Awarded	Probable	?	No				
0	5	0	6	Water Efficiency			11 points
	Y			D	Prereq 1	Outdoor Water Use Reduction	Required
	Y			D	Prereq 2	Indoor Water Use Reduction	Required
	Y			D	Prereq 3	Building-Level Water Metering	Required
	2			D	Credit 1	Outdoor Water Use Reduction	1 to 2
	3		3	D	Credit 2	Indoor Water Use Reduction	1 to 6
			2	D	Credit 3	Cooling Tower & Process Water Use (v4.1)	1 to 2
			1	D	Credit 4	Water Metering	1
0	27	0	6	Energy & Atmosphere			33 points
	Y			C	Prereq 1	Fundamental Commissioning & Verification	Required
	Y			D	Prereq 2	Minimum Energy Performance	Required
	Y			D	Prereq 3	Building-Level Energy Metering	Required
	Y			D	Prereq 4	Fundamental Refrigerant Management	Required
	3		3	C	Credit 1	Enhanced Commissioning	2 to 6
	17		1	D	Credit 2	Optimize Energy Performance	1 to 18
	1			D	Credit 3	Advanced Energy Metering	1
			2	C	Credit 4	Demand Response	1 to 2
	5			D	Credit 5	Renewable Energy (v4.1)	1 to 5
	1			D	Credit 6	Enhanced Refrigerant Management	1
			-	C	Credit 7	Green Power & Carbon Offsets	1 to 2
0	7	0	6	Materials & Resources			13 points
	Y			D	Prereq 1	Storage & Collection of Recyclables	Required
	Y			C	Prereq 2	Construction & Demolition Waste Management Planning	Required
	2		3	D	Credit 1	Building Life-Cycle Impact Reduction (v4.1)	1 to 5
	1		1	C	Credit 2	Environmental Product Declarations (v4.1)	1 to 2
	1		1	C	Credit 3	Sourcing of Raw Materials (v4.1)	1 to 2
	1		1	C	Credit 4	Material Ingredients (v4.1)	1 to 2
	2			C	Credit 5	Construction & Demolition Waste Management (v4.1)	1 to 2

LEED Certification

New Construction v4 Checklist (Draft)

Credit Status				Credit Type	Credit ID	Credit Description	
Awarded	Probable	?	No				
0	14	0	2		Indoor Environmental Quality		16 points
	Y			D	Prereq 1	Minimum IAQ Performance	Required
	Y			D	Prereq 2	Environmental Tobacco Smoke Control	Required
	1		1	D	Credit 1	Enhanced Indoor Air Quality Strategies	1 to 2
	3			C	Credit 2	Low-Emitting Materials (v4.1): 3 Categories at 90% for 3 points	1 to 3
	1			C	Credit 3	Construction IAQ Management Plan	1
	2			C	Credit 4	Indoor Air Quality Assessment (v4.1)	1 to 2
	1			D	Credit 5	Thermal Comfort	1
	2			D	Credit 6	Interior Lighting (v4.1)	1 to 2
	3			D	Credit 7	Daylight (v4.1)	1 to 3
	1			D	Credit 8	Quality Views	1
			1	D	Credit 9	Acoustic Performance	1
0	6	0	0		Innovation		6 points
	1			C	Credit 1.1	Innovation, Green Building Education	1
	1			D	Credit 1.2	Innovation, Bird Collision Deterrence	1
	1			D	Credit 1.3	Pilot Credit, Daylight in Non-Regularly Occupied Areas	1
	1			C	Credit 1.4	Exemplary Performance, Environmental Product Declarations	1
	1			C	Credit 1.5	Pilot Credit, Integrative Analysis of Building Materials	1
	1			C	Credit 2	LEED™ Accredited Professional	1
0	1	0	3		Regional Priority Credits: Philadelphia, PA		4 points
			0	D	Credit 1.1	LTc: Surrounding Density & Diverse Uses (4 point threshold)	1
			1	D	Credit 1.2	LTc: Access to Quality Transit (3 point threshold)	1
			1	D	Credit 1.3	SSc: Rainwater Management (2 point threshold)	1
	1			D	Credit 1.4	WEc: Outdoor Water Use Reduction (2 point threshold)	1
			1	D	Credit 1.5	WEc: Indoor Water Use Reduction (4 point threshold)	1
			0	D	Credit 1.6	WEc: Cooling Water Use Reduction (2 point threshold)	1
0	65	0	45		Totals (Pre-Certification Estimates)		110 points

Percent for Art Components – LPPS Site

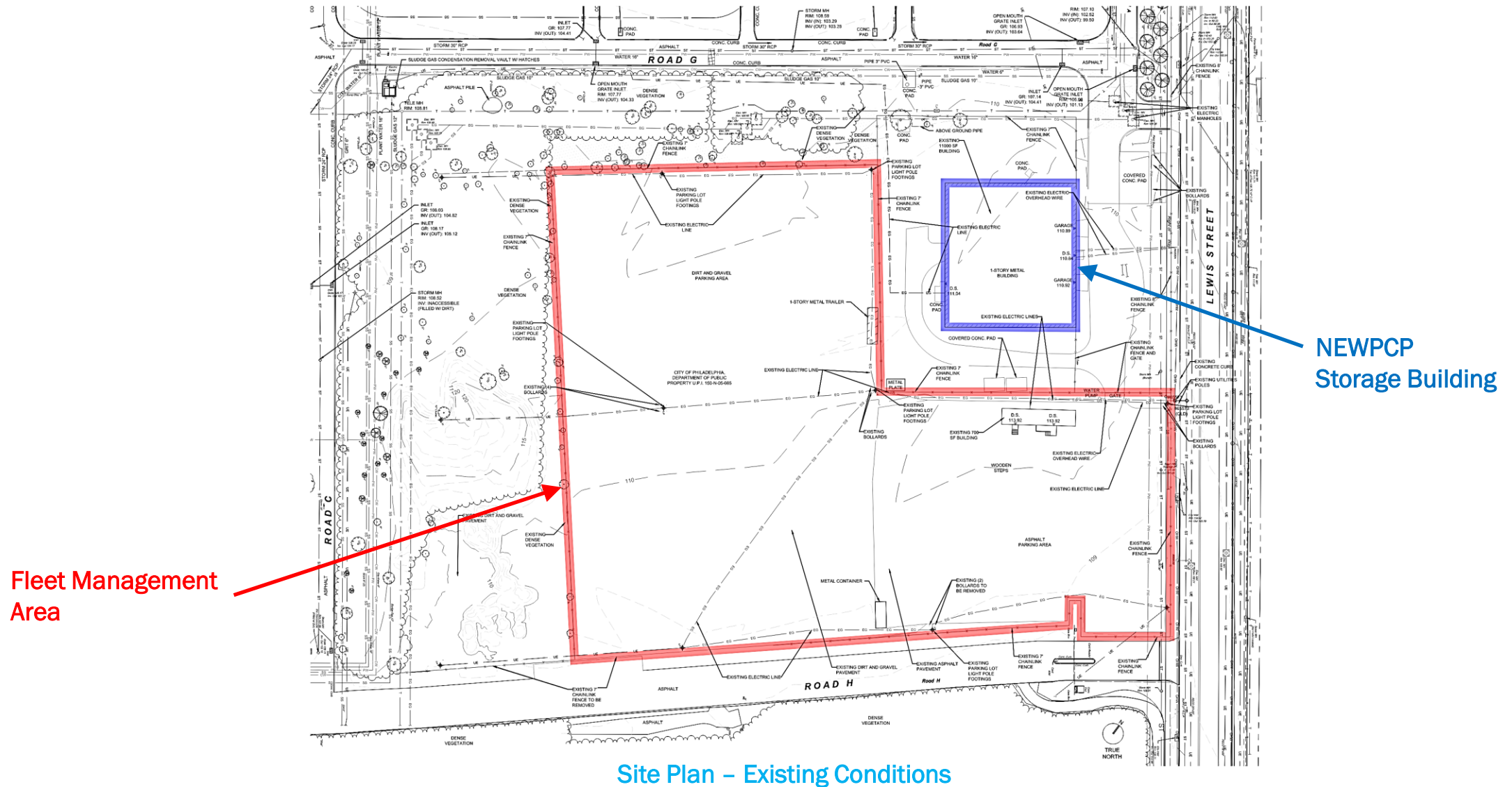


LPPS Site Plan

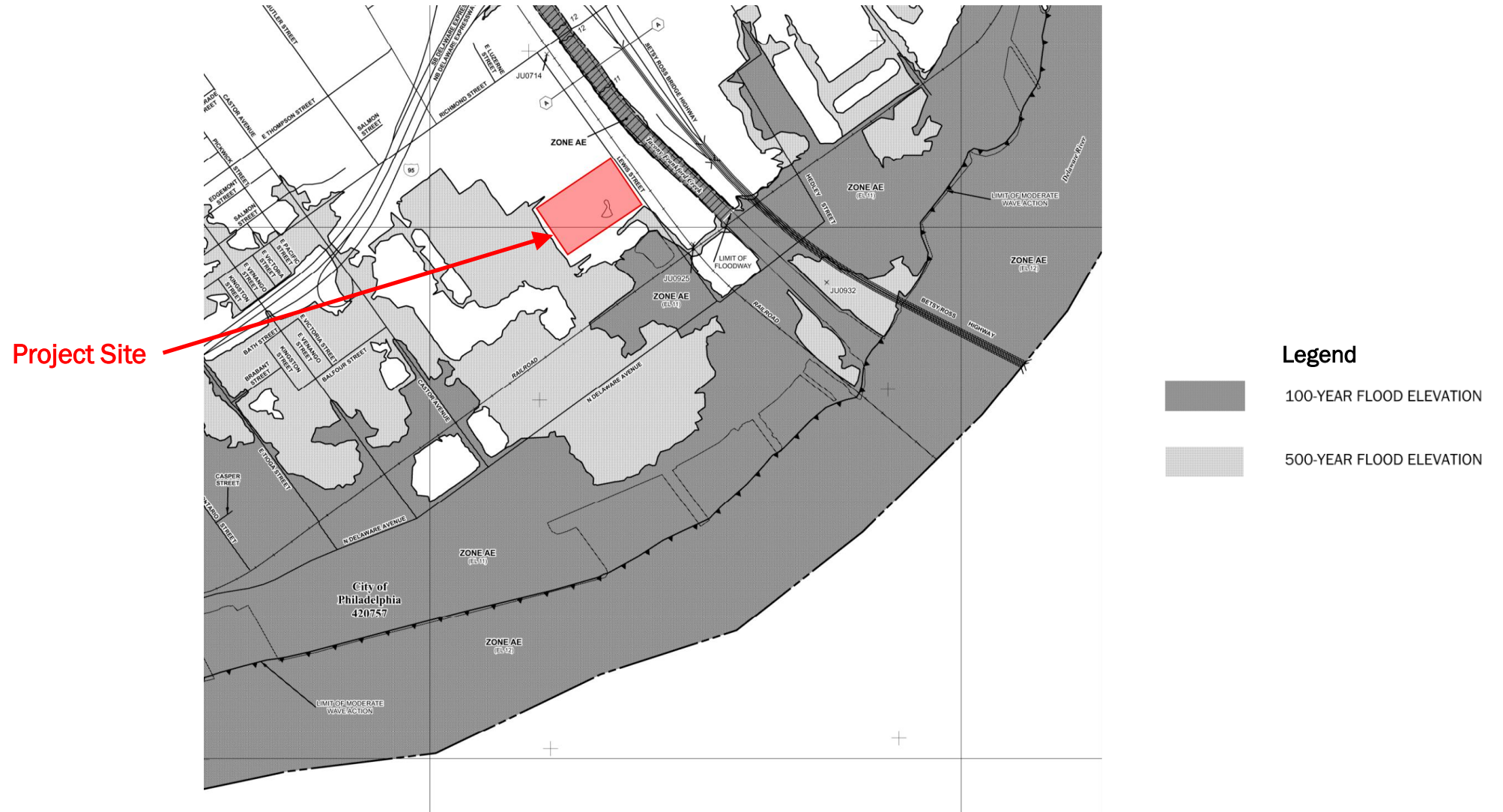
- Per email dated January 17, 2025, Creative Philadelphia in agreement with the following approach to incorporate Percent for Art requirements into the project:
 - Aggregating public art funds from the NEWPCP and LPPS sites and locating all public art on the LPPS site.
 - Identifying public art as a metal site wall/fence located along the K&T Trail.

Appendix

Existing Conditions – NEWPCP Site

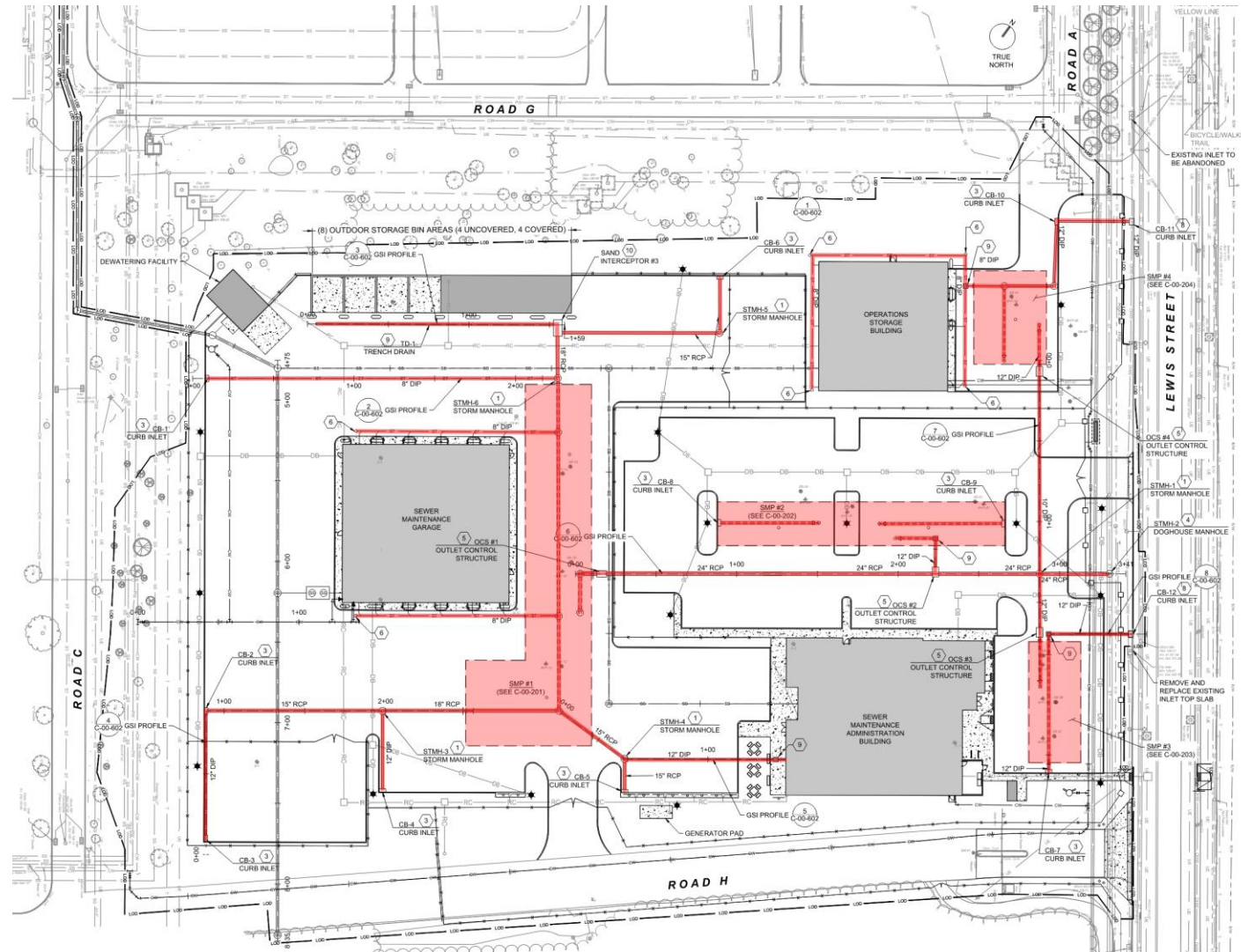


Flood Insurance Rate Map



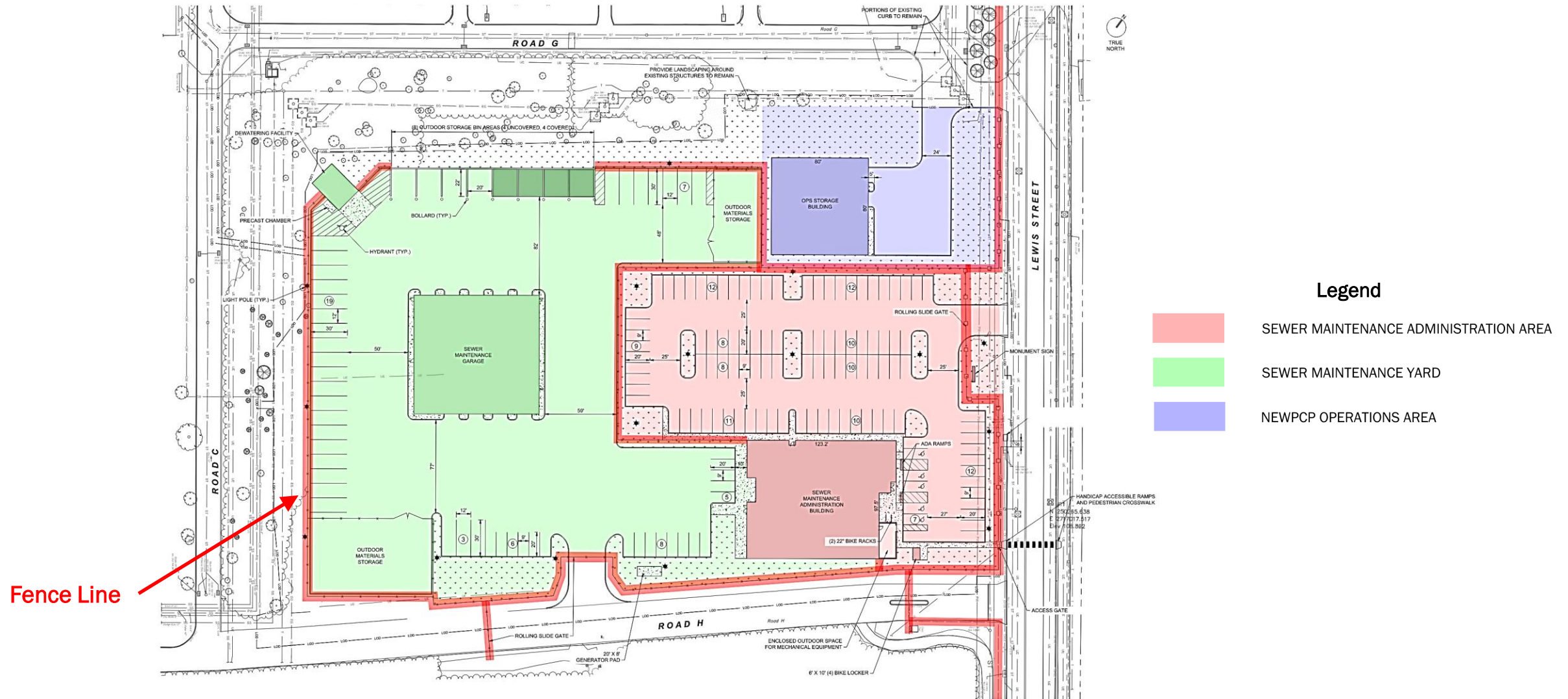
FIRM (revised 11/18/15)

Civil/Site Design

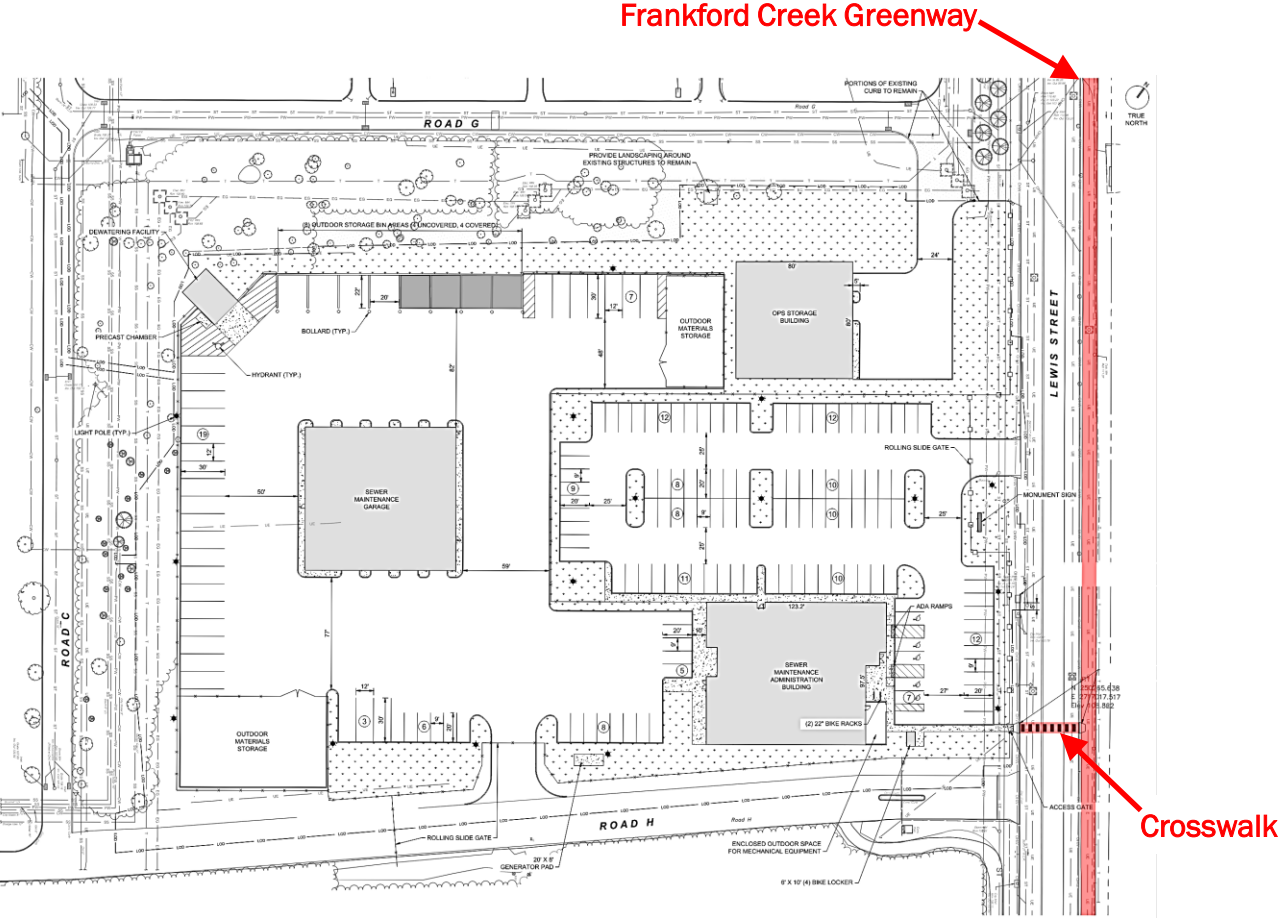


Storm Sewer Plan

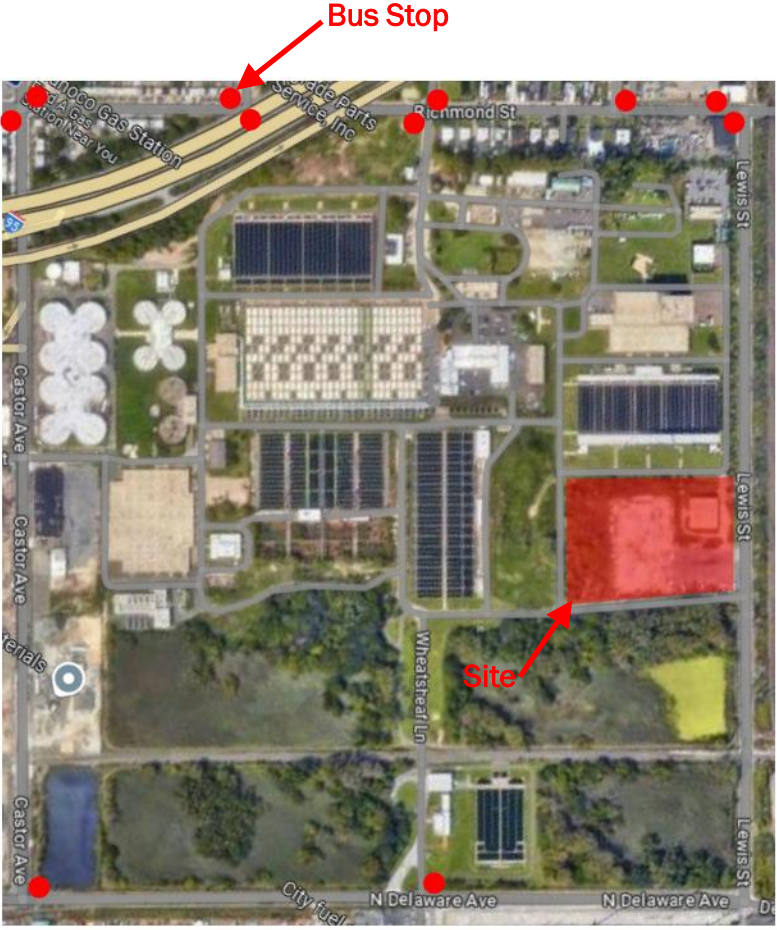
Site Circulation/Security



Public Benefit/Connectivity



Site Plan



Public Transportation Map

Site Photographs



View Looking South On Lewis Street Near Road G



View Looking North On Lewis Street Near Road H



View Looking West On Lewis Street Near Fleet Management Lot Entrance



View Looking West On Lewis Street Near Road G Site Entrance

Site Photographs



View Looking West From Road G/Lewis Street



View Looking South From Road G/Lewis Street



View Looking South From Road G/Road C



View Looking East From Road G/Road C

Site Photographs



View Looking East From Road C/Road H



View Looking North From Road C/Road H



View Looking West From Road H/Lewis Street



View Looking North From Road H/Lewis Street

SMA Exterior – East Elevation



SMA East Elevation - Day

SMA Exterior – East Elevation



SMA East Elevation - Night

SMA Exterior – North Elevation



SMA North Elevation - Day

SMA Exterior – North Elevation



SMA North Elevation - Night

SMA Exterior – West Elevation



SMA West Elevation - Day

SMA Exterior – South Elevation



SMA South Elevation - Day

SMG Exterior – East Elevation



SMG East Elevation

SMG Exterior – South Elevation



SMG South Elevation

OSB Exterior – East Elevation



OSB East Elevation - Day

OSB Exterior – East Elevation



OSB East Elevation - Night

OSB Exterior – North Elevation



OSB North Elevation - Day

OSB Exterior – North Elevation



OSB North Elevation - Night

Inlet Cleaning Dewatering Facility – Front Elevation



Inlet Cleaning Dewatering Facility Front Elevation

Inlet Cleaning Dewatering Facility – Side Elevation



Inlet Cleaning Dewatering Facility Side Elevation

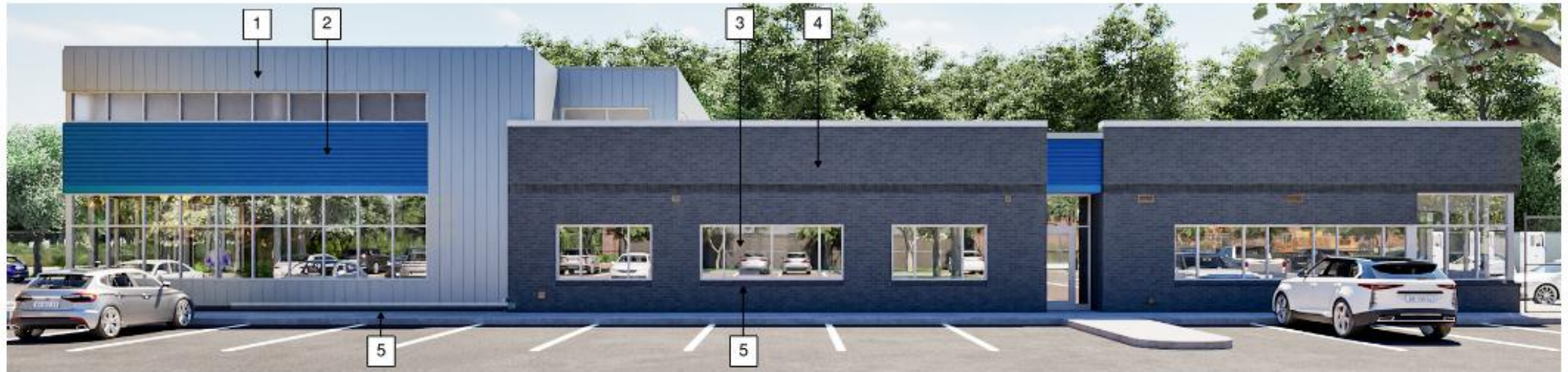
Material Storage Bins – Front Elevation



Material Storage Bins Front Elevation

Façade Materials & Finishes

Sewer Maintenance Administration Building (SMA)



NORTH ELEVATION



1 FLUSH METAL PANEL
SLATE GRAY



2 CORRUGATED METAL PANEL
ARABIAN BLUE



3 ALUMINUM STOREFRONT
ANODIZED ALUMINUM



4 BRICK VENEER
EBONITE VELOUR



5 PRE-CAST SILLS / BASE
CHARCOAL ANTIQUED

Façade Materials & Finishes

Sewer Maintenance Garage (SMG)



SOUTH ELEVATION



1 METAL ROOF / FASCIA
COOL SOLAR WHITE



2 INSULATED METAL PANEL
COOL GRAY



3 GROUND FACE CMU
SHADOW GRAY



4 COILING OVERHEAD DOOR
WHITE



5 SOLAR ROOF PANELS
ANODIZED ALUMINUM / BLACK

Façade Materials & Finishes

Operations Storage Building (OSB)



EAST ELEVATION



1 METAL ROOF / FASCIA
COOL SOLAR WHITE



2 INSULATED METAL PANEL
COOL GRAY



3 GROUND FACE CMU
SHADOW GRAY



4 COILING OVERHEAD DOOR
WHITE



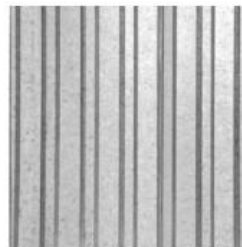
5 SOLAR ROOF PANELS
ANODIZED ALUMINUM / BLACK

Façade Materials & Finishes

Inlet Cleaning Dewatering Facility



1 EXPOSED CONCRETE
NATURAL



2 CORRUGATED STEEL DECK
GALVANIZED



3 WELDED WIRE MESH
GALVANIZED



4 METAL ROOF / FASCIA
COOL SOLAR WHITE

Façade Materials & Finishes

Material Storage Bins



SOUTH ELEVATION



1 METAL ROOF / FASCIA
COOL SOLAR WHITE



2 INSULATED METAL PANEL
COOL GRAY



3 EXPOSED CONCRETE
NATURAL



4 COILING OVERHEAD DOOR
WHITE

The Philadelphia Art Commission Decision Form

The Philadelphia Art Commission

Established 1911

Robert Roesch
Chair

José Almiñana

Carmen Febo San Miguel

Matthew Kenyatta

James Lowe

Raed Nasser

Pepón Osorio

Rebecca Segall

Mario Zacharjasz

Alex M. Smith
Director

File #:	337-24	Commission Meeting Date:	12/11/2024
Name:	Christopher Patackis, PE, BCEE Brown and Caldwell 1717 Arch Street, Suite 4010 Philadelphia, PA 19103		
Project Name & Location:	Lardner's Point Sewer Maintenance Facility 3899 Richmond Street		
Proposal:	The proposal is for the construction of a multi-use complex that will support sewer maintenance field operations. New buildings include the Sewer Maintenance Administration building; the Sewer Maintenance Garage; the Operations Storage Building; the Inlet Cleaning Dewatering Facility; and material storage bins.		
Commission Decision:	CONCEPT APPROVAL		
Remarks:	The Commissioners requested the following for the final review: more landscaping details; more details on LEED certification goals, including related site assessment work; consideration of concrete mixes with cement substitutes; and consideration of dark sky compliant lighting, ideally 3000K or less. The project is part of the overall Lardner's Point Pumping Station Replacement/Rehabilitation Project, including the renovation of the existing Lardner's Point Pumping Station (LPPS) site, which received conceptual approval by the Art Commission in November 2023. The Percent for Art component of the project will be located at the LPPS site and reviewed by the Art Commission as part of a separate application.		



Alex M. Smith
Director of the Philadelphia Art Commission

One Parkway Building
1515 Arch Street
13th Floor
Philadelphia, PA 19102

215-683-4636
artcommission@phila.gov

Art Commission approval is not an endorsement for any approval, exception or variance that the proposal might require from any other department, board or commission.

Christopher Patackis

From: Marguerite Anglin <Marguerite.Anglin@phila.gov>
Sent: Friday, January 17, 2025 4:49 PM
To: Christopher Patackis; Brian Sparks; Babcock, Kathy; Smith, Robert; Bruce Ball
Cc: Noni Clemens
Subject: RE: Lardner's Point Pump Station Replacement/Rehabilitation - Percent for Art Review/Approval
Attachments: 20241127PfA_ConstAppLtr.pdf

Hi Chris,

Thank you for this thorough overview and summary, and please accept my sincere apologies for the delayed response. Creative Philadelphia agrees with the proposed approach for Lardner's Point Percent for Art consisting of the following:

- 1) Aggregating the Percent for Art funds from the two sites (approx. \$3.6M TBD) to locate artwork on the LPPS site only.
- 2) Identifying the public art as a custom artist designed, metal site wall/fence that will be located along the K&T trail.

However please note as standard practice we would not mandate the fence to be a certain shape (such as curved as you have listed), unless we had to for site reasons. So it may or may not match the outline shown on your sketch. We will work with your team to ensure that the allowable site parameters are clear to all competing artists in terms of site constraints, but would not want to limit the creative possibilities.

We have several projects ahead of this in our queue, but we anticipate initiating Lardner's Point Percent for Art sometime this year. Can you update us if there has been any community engagement to date (or activities planned in 2025)?

Best regards, and have a great weekend,

Marguerite



Marguerite Anglin, RA

Public Art Director
Creative Philadelphia (formerly OACCE)
City of Philadelphia

City Hall, Rm. 116 | Philadelphia, PA 19107

m: 267.303.0507 | o: 215.686.4596

e: marguerite.anglin@phila.gov

From: Christopher Patackis <CPatackis@BrwnCald.com>
Sent: Wednesday, November 27, 2024 2:17 PM
To: Marguerite Anglin <Marguerite.Anglin@phila.gov>
Cc: Brian Sparks <Brian.Sparks@Phila.gov>; Babcock, Kathy <kbabcock@kmarchitects.com>; Smith, Robert <RSmith@kmarchitects.com>; Bruce Ball <bball@brwnCald.com>
Subject: Lardner's Point Pump Station Replacement/Rehabilitation - Percent for Art Review/Approval

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Marguerite,

Per our prior discussion, please find attached the Brown and Caldwell letter dated November 27, 2024 (20241127PfA_ConstAppLtr.pdf) which provides a written project description and formally requests review/approval from Creative Philadelphia regarding the Percent for Art Component on the Lardner's Point Pumping Station Replacement/Rehabilitation Project. A printout of the presentation slides developed by Brown and Caldwell for our conference call on August 14, 2024 are attached to the letter for your reference.

If possible, please provide written review comments and/or approval on or before December 6, 2024 so that we may share this information with the Art Commission during the upcoming public meeting on December 11, 2024.

Should you have any questions or need additional information, please do not hesitate to contact me.

Very truly yours,

Chris

Christopher Patackis, PE, BCEE

Managing Engineer

Brown and Caldwell | Philadelphia, PA

CPatackis@brwnncald.com

T 484.253.4685 | C 215.292.1507



1717 Arch Street, Suite 4010
Philadelphia, PA 19103

T: 484.253.4700

November 27, 2024



Ms. Marguerite Anglin
Public Art Director
Creative Philadelphia
City Hall, Room 116
Philadelphia, PA 19107

Subject: Philadelphia Water Department
Lardner's Point Pumping Station Replacement/Rehabilitation
BC Project No. 156077
Percent for Art Review/Approval

Dear Ms. Anglin:

Per discussions during our conference call on August 14, 2024, the purpose of this correspondence is to provide a written project description and formally request review/approval from Creative Philadelphia regarding the Percent for Art Component on the Lardner's Point Pumping Station Replacement/Rehabilitation Project. A printout of the presentation slides developed by Brown and Caldwell for our conference call on August 14, 2024 are attached for your reference.

Background

The Philadelphia Water Department (PWD) owns and operates the Lardner's Point Pumping Station (LPPS) which was constructed in 1904 and supplies over 30% of the water consumed by the City of Philadelphia on an average day. Since the 1960s, only minor renovations have occurred and the LPPS has operated largely untouched. All the existing pumps, electrical, and mechanical systems are approaching the end of their useful service lives. Consequently, PWD has initiated a capital improvement project for construction of a new pumping station. The proposed improvements will be implemented in four separate construction contracts as follows: Contract A-Sewer Maintenance Facilities, Contract B-Offsite Piping, Contract C-Pumping Facilities and Site Improvements, and Contract D-Green Stormwater Operations Facility. The Art Commission previously provided concept approval of the proposed improvements at the LPPS site (Contract C) during a public meeting on November 8, 2023.

The existing LPPS site is fragmented into several areas with various separate functions including Water Pumping, Sewer Maintenance, and material storage. In order to construct the proposed improvements at the LPPS site, the existing Sewer Maintenance Facilities must be relocated either temporarily or permanently to a new site. PWD has decided to construct new, permanent Sewer Maintenance Facilities (Contract A) within available land at the Northeast Water Pollution Control Plant (NEWPCP) site. PWD has requested construction review/approval from the Art Commission for the proposed improvements at the NEWPCP site (Contract A) during the upcoming public meeting on December 11, 2024.

Existing Conditions – LPPS Site

The TFWPS site address is 6301 Milnor Street, Philadelphia, PA 19135. The site is part of an industrial waterfront area along the Delaware River and is bordered by Milnor Street and Interstate 95 to the north, Levick Street and the Tacony-Palmyra Bridge to the east, Lardner's Point Park and the Delaware River to the south, and Robbins Street to the west.

Proposed Improvements – LPPS Site

The main objective of the project is to construct a sustainable, multi-use complex that will provide long-term value to PWD to support water supply and daily operations. Major components will include (1) construction of a new pump station and transmission mains, (2) adaptive reuse of the existing pump station building, and (3) construction of new green stormwater operations facilities including an administration building with personnel space for 50 field staff, garage, material storage bins, and a yard area with parking spaces for field vehicles and equipment. Overall, the project will incorporate sustainable design, construction, and operations approach to achieve LEED Silver Certification.

A New Pump Station building will be constructed which will contain all new process mechanical and electrical equipment for the desired facility functionality within the water system. The new building will be a concrete and steel structure with multiple levels to facilitate operations and maintenance of pumps, piping, valves, and other equipment. Restoration of the Existing Pump Station building façade and selected interior spaces will include construction of a new interior structure to serve as a training facility and re-purposing existing spaces into offices, support areas, and public education display areas. The Green Stormwater Operations Administration Building will be a single-story steel frame office building type structure. The building will include locker rooms, offices, and support spaces for field operations staff. The Green Stormwater Operations Garage will be a pre-engineered single-story steel structure with load bearing masonry walls, formed metal insulated panels, and a steel framed roof. The building will include storage space for green stormwater infrastructure maintenance vehicles and equipment.

Existing Conditions – NEWPCP Site

The NEWPCP site address is 3899 Richmond Street, Philadelphia, PA 19137. The NEWPCP site is part of an industrial waterfront area along the Delaware River and is bordered by Richmond Street and Interstate 95 to the north, Lewis Street to the east, North Delaware Avenue to the south, and Castor Avenue to the west. The new Sewer Maintenance Facilities will be constructed in an area on the eastern side of the NEWPCP site along Lewis Street approximately 1,200 feet north of the Lewis Street and Delaware Ave intersection.

Proposed Improvements – NEWPCP Site

The main objective is to construct a sustainable, multi-use complex that will provide long-term value to PWD to support sewer maintenance field operations. Major components will include construction of an Administration Building with personnel space for 100 field staff, Maintenance Garage, Operations Storage Building, Inlet Cleaning Dewatering Facility, material storage bins, and a yard area with parking spaces for field vehicles and equipment. Overall, the project will incorporate sustainable design, construction, and operations approach to achieve LEED Silver Certification.

The Sewer Maintenance Administration Building will be a single-story steel frame office building type structure. The building will include locker rooms, offices, and support spaces for field operations staff. The Sewer Maintenance Garage will be a pre-engineered single-story steel structure with load bearing masonry walls, formed metal insulated panels, and a steel framed roof. The building will include storage space for sewer maintenance vehicles and equipment. The Operations Storage Building will be a pre-engineered single-story steel structure with load bearing masonry walls, formed metal insulated panels, and a steel framed roof. The building will include storage space for NEWPCP materials and equipment. The Inlet Cleaning Dewatering Facility will be a single-story steel structure with cast-in-place reinforced concrete walls and a steel framed roof. The structure will include a sloped concrete floor and drain for dewatering the contents of sewer vactor trucks.

Percent for Art Component

The City's Percent for Art Ordinance requires new City construction or major renovation projects to include site-specific public art in the amount of up to one percent of the total budget. Several areas at the LPPS site were identified by PWD/Brown and Caldwell for potential public art features during the design phase. As discussed during prior meetings, it appears that a curved site fence along the K&T Trail on the south side of the LPPS site is the most feasible option for public art considering public visibility, impacts to contractor operations, and incorporation into the overall construction schedule. In addition, it appears feasible to locate all public art on the LPPS site rather than separate public art at both the LPPS and NEWPCP sites since work at both sites are part of the overall Lardner's Point Pumping Station Replacement/Rehabilitation Project.

Previous Opinion of Probable Construction Costs (OPCC) developed during the design phase identified a high-range construction cost of approximately \$366M for the overall project (including all construction contracts). However, please note that this figure is preliminary and does not reflect recent design revisions. An updated OPCC will be prepared in the upcoming year during development of the 90% and 100% design submittals for each construction contract.

We respectfully request review comments and/or approval from Creative Philadelphia on the conceptual approach identified herein to achieve compliance with the City's Percent for Art Ordinance on this project. If possible, please provide written review comments and/or approval on or before December 6, 2024 so that we may share this information with the Art Commission during the upcoming public meeting on December 11, 2024.

Please send any correspondence regarding this project to the following:

Brian Sparks
Philadelphia Water Department
1101 Market Street, 2nd Floor
Philadelphia, PA 19107
brian.sparks@phila.gov

Christopher Patackis
Brown and Caldwell
1717 Arch Street, Suite 4010
Philadelphia, PA 19103
cpatackis@brwnncald.com

Ms. Marguerite Anglin
Public Art Director, Creative Philadelphia
November 27, 2024
Page 4

Should you have any questions or need additional information, please do not hesitate to contact me at (484) 253-4685.

Very truly yours,

Brown and Caldwell



Christopher Patackis, PE, BCEE
Project Manager

cc: B. Sparks, PWD

Attachments:

1. Presentation Slides – Percent for Art Meeting (August 14, 2024)