

**PROJECT NARRATIVE
909 LIBERTY INTERIOR RENOVATIONS
909 LIBERTY AVENUE
2ND WARD, CITY OF PITTSBURGH
ALLEGHENY COUNTY, PENNSYLVANIA**

Prepared for:
**GO GREEN CONSTRUCTION, INC.
3471 BABCOCK BLVD., SUITE 205
PITTSBURGH, PA 15237**

Prepared by:
**KU RESOURCES, INC.
22 SOUTH LINDEN STREET
DUQUESNE, PENNSYLVANIA 15110**

JUNE 2019



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Innovative Solutions. Outstanding Support.

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DESCRIPTION OF PROPOSED DEVELOPMENT

Go Green Construction, Inc. (GGC) is redeveloping a building at parcel number 9-N-59 located in the 2nd Ward of the City of Pittsburgh, Allegheny County, Pennsylvania. The proposed development will involve interior renovations to facilitate development of a mixed-use building. The first floor will be retail, the second floor will be office space, and third through fifth floors will be residential apartments. The site is at 909 Liberty Avenue in the City of Pittsburgh's Downtown neighborhood. See Figure 1 for the Site Location Map.

The site is currently a vacant building. According to the Federal Emergency Management Agency, the site is not within a floodway. The existing utilities are a 15-inch VCP combination sewer and a 10-inch water line along Exchange Way and a water line along Liberty Avenue. The building has an existing 5/8-inch water line connection to the 10-inch main in Exchange Way and an existing 8-inch combined sanitary and storm tap into the 15-inch combination line.

GGC is proposing to renovate the building to create a mixed-use building. The building will have retail space on the first floor, office space on the second floor, two 2-bedroom apartments on the third floor, two 2-bedroom apartments on the fourth floor, and one three-bedroom apartment on the fifth floor. It is anticipated that the building's existing water, storm, and sewer lines will be upgraded to accommodate the building's proposed flows. If the existing roof leaders connect into the existing sanitary lateral, proposed roof leaders will be separated from the proposed sanitary lateral and will have a separate connection point to the 15-inch main. Proposed utilities installed within the existing right-of-way will be publicly owned and maintained.

PROPOSED SANITARY DESIGN

PA DEP Code Chapter 73.17 indicates that, for retail and commercial establishments, effluent sanitary flows are calculated based on fixtures to be installed. A toilet is 400 gpd, a bathroom sink is 200 gpd, and a urinal is 200 gpd. For a 2-bedroom apartment, the effluent sanitary flows are 300 gallons per apartment per day; for a 3-bedroom apartment, the effluent sanitary flows are 400 gallons per apartment per day.

The total sanitary flows will be 2,896 gallons per day (8 EDUs) into the 15-inch VCP combination sewer in Exchange Way. The effluent will ultimately be sent to the Allegheny County Sanitation Authority (ALCOSAN). See the attached Pittsburgh Water and Sewer Authority (PWSA) Sewer System map with the route to ALCOSAN highlighted.

ALTERNATIVES ANALYSIS

Spray irrigation or on-lot absorption are not viable options for this site because there is insufficient area to accommodate the expected sanitary flows. Furthermore, since a PWSA collector already exists along Exchange Way, a tap-in to the 15" combination sewer pipe is the preferred disposal method.

STORMWATER CONVEYANCE

Because the site is presently entirely impervious and will remain as such, stormwater management is not required on the site per the City of Pittsburgh's Stormwater Ordinance and applicable PADEP requirements indicating that post-development flows will not exceed pre-development flows. Existing roof drains will remain, and roof leaders will collect and wye into the proposed sanitary line.

PLANNING MODULE CALCULATIONS

Total Water: 2,896 GPD / 8 EDUs

PROPOSED FLOWS

RETAIL (FLOOR 1)

1 Toilet @ 400 GPD each = 400 GPD

1 Bathroom Sink @ 200 GPD each = 200 GPD

TOTAL RETAIL = 600 GPD

OFFICE (FLOOR 2)

2 Toilets @ 400 GPD each = 800 GPD

2 Bathroom Sinks @ 200 GPD each = 400 GPD

1 Urinal @ 200 GPD each = 200 GPD

TOTAL OFFICE = 1,400 GPD

RESIDENTIAL (FLOORS 3-5)

FLOOR 3: 2 two-bedroom apartments @ 300 GPD each = 600 GPD

FLOOR 4: 2 two-bedroom apartments @ 300 GPD each = 600 GPD

FLOOR 5: 1 three-bedroom apartment @ 400 GPD each = 400 GPD

TOTAL RESIDENTIAL = 1,600 GPD

TOTAL PROPOSED FLOWS = 600 GPD + 1,400 GPD + 1,600 GPD = 3,600 GPD

EXISTING FLOWS

RETAIL (FLOOR 1)

1 Toilet @ 400 GPD each = 400 GPD

1 Bathroom Sink @ 200 GPD each = 200 GPD

TOTAL RETAIL = 600 GPD

WAREHOUSE (FLOORS 2-5)

4 floors @ 2,600 sf/floor @ 0.01 GPD/floor = 104 GPD

TOTAL WAREHOUSE = 104 GPD

TOTAL EXISTING FLOW = 600 GPD + 104 GPD = 704 GPD

NET FLOWS

NET FLOW = PROPOSED FLOW – EXISTING FLOW = 3,600 GPD – 704 GPD = **2,896 GPD**

2,896 GPD / 400 GPD = 7.24 = **8 EDUs**

Total Sewer: 2,896 GPD / 8 EDUs

PROPOSED FLOWS

RETAIL (FLOOR 1)

1 Toilet @ 400 GPD each = 400 GPD

1 Bathroom Sink @ 200 GPD each = 200 GPD

TOTAL RETAIL = 600 GPD

OFFICE (FLOOR 2)

2 Toilets @ 400 GPD each = 800 GPD

2 Bathroom Sinks @ 200 GPD each = 400 GPD

1 Urinal @ 200 GPD each = 200 GPD

TOTAL OFFICE = 1,400 GPD

RESIDENTIAL (FLOORS 3-5)

FLOOR 3: 2 two-bedroom apartments @ 300 GPD each = 600 GPD

FLOOR 4: 2 two-bedroom apartments @ 300 GPD each = 600 GPD

FLOOR 5: 1 three-bedroom apartment @ 400 GPD each = 400 GPD

TOTAL RESIDENTIAL = 1,600 GPD

TOTAL PROPOSED FLOWS = 600 GPD + 1,400 GPD + 1,600 GPD = 3,600 GPD

EXISTING FLOWS

RETAIL (FLOOR 1)

1 Toilet @ 400 GPD each = 400 GPD

1 Bathroom Sink @ 200 GPD each = 200 GPD

TOTAL RETAIL = 600 GPD

WAREHOUSE (FLOORS 2-5)

4 floors @ 2,600 sf/floor @ 0.01 GPD/floor = 104 GPD

TOTAL WAREHOUSE = 104 GPD

TOTAL EXISTING FLOW = 600 GPD + 104 GPD = 704 GPD

NET FLOWS

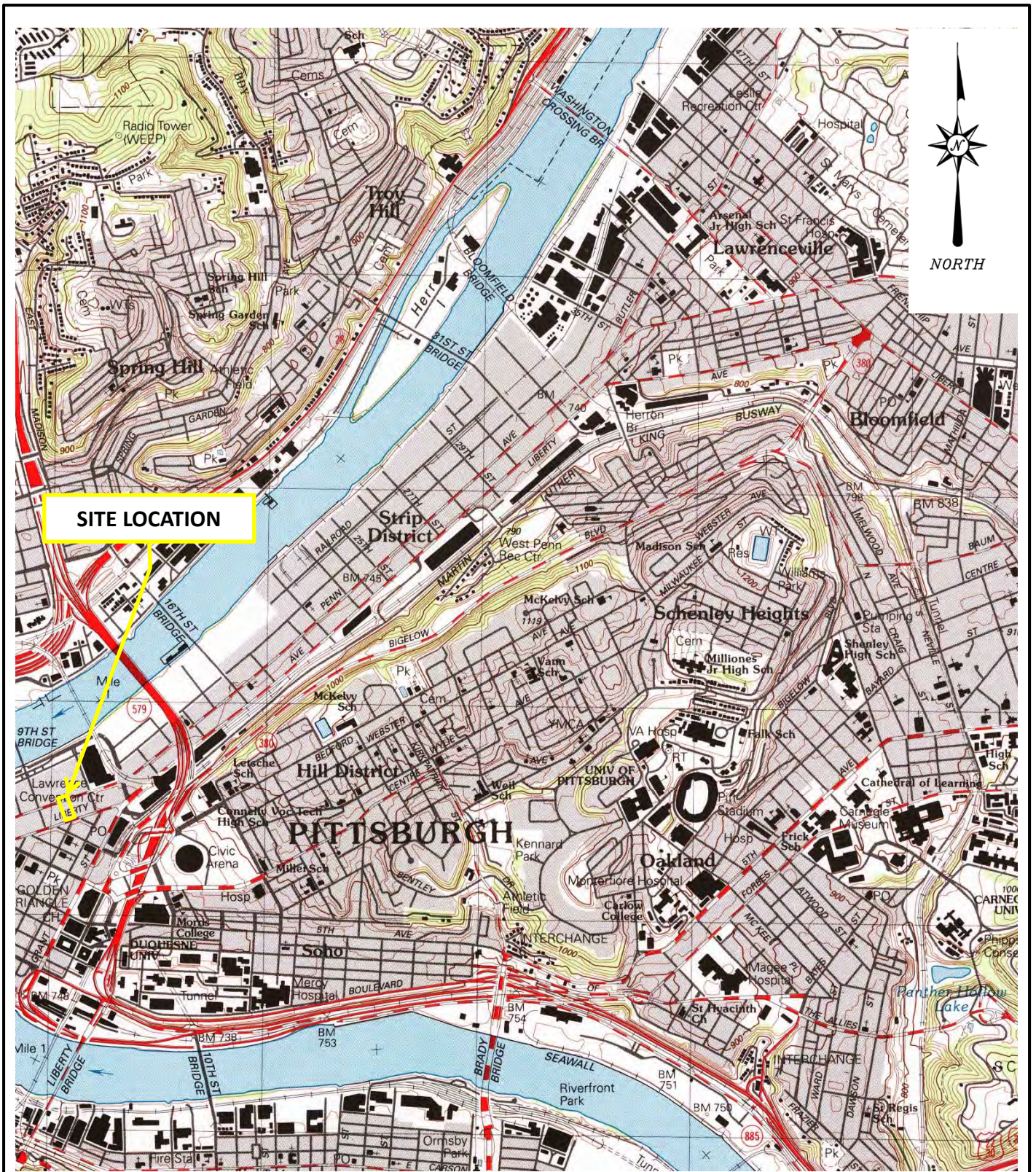
NET FLOW = PROPOSED FLOW – EXISTING FLOW = 3,600 GPD – 704 GPD = **2,896 GPD**

2,896 GPD / 400 GPD = 7.24 = **8 EDUs**

SEWAGE CONVEYANCE INFORMATION

An 8-inch schedule 40 PVC sanitary lateral will be installed to replace the existing one, connecting via the existing 8-inch wye into the existing 15-inch VCP combination line in Exchange Way. The existing roof leader will be replaced with a 6-inch HDPE storm lateral that will wye into the proposed 8-inch schedule 40 PVC sanitary lateral prior to its connection into the 15-inch VCP combination line in Exchange Way. Laterals will be installed at a minimum slope of 2% and have an average length of 15 feet.

The existing main along Exchange Way is approximately 240 feet of 15-inch VCP at approximately 0.63%. Effluent will connect at A-11-00 to the existing 72-inch interceptor owned by ALCOSAN. Flows will ultimately be sent to the Allegheny County Sanitation Authority (ALCOSAN) Woods Run Wastewater Treatment Plant.



SITE LOCATION

FIGURE 1
SITE LOCATION MAP
909 LIBERTY INTERIOR RENOVATIONS
CITY OF PITTSBURGH, 2ND WARD
ALLEGHENY COUNTY, PENNSYLVANIA

REFERENCE:
 USGS 7.5-MIN TOPOGRAPHIC
 EAST PITTSBURGH QUADRANGLE,
 PENNSYLVANIA, DATED 1997

NOT TO SCALE

APPROVED: TOM 05/20/2019
CHECKED: RAU 05/20/2019
DRAWN: RAU 05/20/2019
FILE NO.: FIGURES
PROJECT NO.: SL19200LIR



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PREPARED FOR
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 3471 BABCOCK BLVD, SUITE 205
 PITTSBURGH, PA 15237

Search: Address, Structures



(1 of 2)

15.00 inch combined Gravity Main sewer

Point of Connection:
Owner: Pittsburgh Water and Sewer Authority
Basin: Main Rivers
Watershed:

Characteristics:
Diameter: 15.00 inches
Length: 80.04 feet
Material: vitrified clay pipe
Shape: Circular

Invert Elevations:
Upstream: 0.00
Downstream: 715.00

Adjacent Structures
Upstream: EC009N001
Downstream: MH009N025

[Zoom to](#)

-80.056 40.435 Degrees

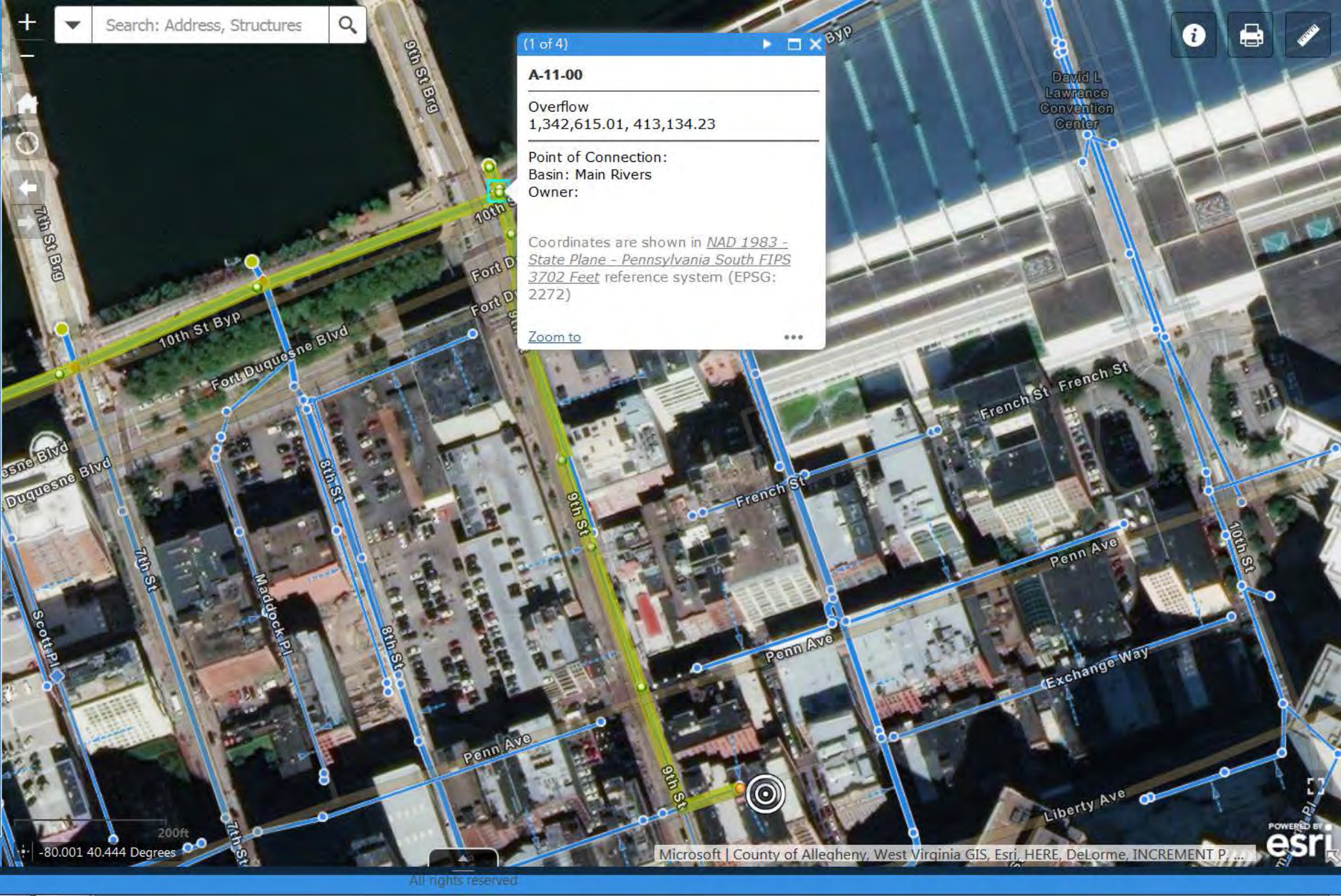
A-11-00

Overflow
1,342,615.01, 413,134.23

Point of Connection:
Basin: Main Rivers
Owner:

Coordinates are shown in *NAD 1983 - State Plane - Pennsylvania South FIPS 3702 Feet* reference system (EPSG: 2272)

Zoom to



PROPOSED CONDITIONS

FLOOR	USE	TOILET	BATHROOM SINK	URINAL	2 BEDROOM RESIDENTIAL	3 BEDROOM RESIDENTIAL	TOTAL SANITARY FLOW [GPD] PER FLOOR
1	Retail	1	1				600
2	Commercial	2	2	1			1,400
3	Residential (2 2-BR)				2		600
4	Residential (2 2-BR)				2		600
5	Residential (1 3-BR)					1	400
TOTAL # UNIT ITEM		3	3	1	4	1	
GPD / UNIT ITEM		400	200	200	300	400	
TOTAL GPD / UNIT ITEM		1,200	600	200	1,200	400	
TOTAL PROPOSED SANITARY FLOW [GPD]						3,600	

EXISTING CONDITIONS

FLOOR	USE	SF	TOILET	BATHROOM SINK	TOTAL SANITARY FLOW [GPD] PER FLOOR
1	Retail		1	1	600
2	Warehouse	2,600			26
3	Warehouse	2,600			26
4	Warehouse	2,600			26
5	Warehouse	2,600			26
TOTAL # UNIT ITEM		10,400	1	1	
GPD / UNIT ITEM		0.01	400	200	
TOTAL GPD / UNIT ITEM		104	400	200	
TOTAL EXISTING SANITARY FLOW [GPD]				704	

NET TOTAL

		TOTAL	RESIDENTIAL	COMMERCIAL
PROPOSED	GPD	3,600	1,600	2,000
EXISTING	GPD	704	0	704
NET INCREASE	GPD	2,896	1,600	1,296
	EDUs	7.24	4	3.24

Sources:

http://apps.pittsburghpa.gov/pwsa/Procedures_Manual_Developers_February_2012_Version.pdf



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

Code No.

SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

DEP USE ONLY				
DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #

This planning module component is used to fulfill the planning requirements of Act 537 for the following types of projects: (1) a subdivision to be served by sewage collection, conveyance or treatment facilities, (2) a tap-in to an existing collection system with flows on a lot of 2 EDU's or more, or (3) the construction of, or modification to, wastewater collection, conveyance or treatment facilities that will require DEP to issue or modify a Clean Streams Law permit. Planning for any project that will require DEP to issue or modify a permit cannot be processed by a delegated agency. Delegated agencies must send their projects to DEP for final planning approval.

This component, along with any other documents specified in the cover letter, must be completed and submitted to the municipality with jurisdiction over the project site for review and approval. All required documentation must be attached for the Sewage Facilities Planning Module to be complete. Refer to the instructions for help in completing this component.

REVIEW FEES: Amendments to the Sewage Facilities Act established fees to be paid by the developer for review of planning modules for land development. These fees may vary depending on the approving agency for the project (DEP or delegated local agency). Please see section R and the instructions for more information on these fees.

NOTE: All projects must complete Sections A through I, and Sections O through R. Complete Sections J, K, L, M and/or N if applicable or marked .

A. PROJECT INFORMATION (See Section A of instructions)

- Project Name 909 Liberty Interior Renovations
- Brief Project Description Renovations to an existing 5-story building facilitate the development of a mixed-use retail, office, and residential building.

B. CLIENT (MUNICIPALITY) INFORMATION (See Section B of instructions)

Municipality Name	County	City	Boro	Twp
2 nd Ward, City of Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Smuts	Matthew	C		Project Manager
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
Penn Liberty Plaza I	1200 Penn Avenue			
Address Last Line -- City	State	ZIP+4		
Pittsburgh	PA	15222		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
412-255-8800				

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

909 Liberty Interior Renovations

Site Location Line 1
909 Liberty Avenue

Site Location Line 2

Site Location Last Line -- City	State	ZIP+4	Latitude	Longitude
Pittsburgh	PA	15222		

Detailed Written Directions to Site From PA-28 S, take the 7th Avenue exit and turn right onto 7th Avenue. Turn left on Liberty Avenue. Site is on the right.

Description of Site A vacant, 5-story building which was formerly an Army Navy Store on the ground floor with warehouse space on the upper floors.

Site Contact (Developer/Owner)

Last Name	First Name	MI	Suffix	Phone	Ext.
Anthony	Wincko			412-367-5870	

Site Contact Title Vice President Site Contact Firm (if none, leave blank) Go Green Construction, Inc.

FAX 412-367-5871 Email anthony@ggc-pgh.com

Mailing Address Line 1 3471 Babcock Boulevard Mailing Address Line 2 Suite 205

Mailing Address Last Line -- City	State	ZIP+4
Pittsburgh	PA	15237

D. PROJECT CONSULTANT INFORMATION (See Section D of instructions)

Last Name	First Name	MI	Suffix
Upadhyay	Rachel	A	

Title Engineer Consulting Firm Name KU Resources, Inc.

Mailing Address Line 1 22 South Linden Street Mailing Address Line 2

Address Last Line -- City	State	ZIP+4	Country
Duquesne	PA	15110	USA

Email	Area Code + Phone	Ext.	Area Code + FAX
rupadhyay@kuresources.com	412-469-9331	26	412-469-9336

E. AVAILABILITY OF DRINKING WATER SUPPLY

The project will be provided with drinking water from the following source: (Check appropriate box)

- Individual wells or cisterns.
- A proposed public water supply.
- An existing public water supply.

If existing public water supply is to be used, provide the name of the water company and attach documentation from the water company stating that it will serve the project.

Name of water company: Pittsburgh Water & Sewer Authority

F. PROJECT NARRATIVE (See Section F of instructions)

- A narrative has been prepared as described in Section F of the instructions and is attached.

The applicant may choose to include additional information beyond that required by Section F of the instructions.

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (See Section G of instructions)

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter 93 (relating to wastewater treatment requirements).

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

- New collection system Pump Station Force Main
 Grinder pump(s) Extension to existing collection system Expansion of existing facility

Clean Streams Law Permit Number _____

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 8

Connections 1

Name of:

existing collection or conveyance system Exchange Way - 15" VCP

owner Pittsburgh Water & Sewer Authority

existing interceptor Allegheny River Interceptor

owner ALCOSAN

2. WASTEWATER TREATMENT FACILITY

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general provisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and compliance) and 93 (relating to water quality standards).

a. Check appropriate box and provide requested information concerning the treatment facility

- New facility Existing facility Upgrade of existing facility Expansion of existing facility

Name of existing facility ALCOSAN Woods Run WWTP

NPDES Permit Number for existing facility 2596854

Clean Streams Law Permit Number _____

Location of discharge point for a new facility. Latitude 40°29'34"N Longitude 80°02'44"W

b. The following certification statement must be completed and signed by the wastewater treatment facility permittee or their representative.

As an authorized representative of the permittee, I confirm that the ALCOSAN (Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above.

Name of Permittee Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent SHAWN P. MCWILLIAMS, EIT

Agent Signature Shawn P. McWilliams Date 08/14/19

(Also see Section I. 4.)

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

3. PLOT PLAN

The following information is to be submitted on a plot plan of the proposed subdivision.

- a. Existing and proposed buildings.
- b. Lot lines and lot sizes.
- c. Adjacent lots.
- d. Remainder of tract.
- e. Existing and proposed sewerage facilities. Plot location of discharge point, land application field, spray field, COLDS, or LVCOLDS if a new facility is proposed.
- f. Show tap-in or extension to the point of connection to existing collection system (if applicable).
- g. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.)
- h. Existing and proposed rights-of-way.
- i. Existing and proposed buildings, streets, roadways, access roads, etc.
- j. Any designated recreational or open space area.
- k. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping.
- l. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping)
- m. Prime Agricultural Land.
- n. Any other facilities (pipelines, power lines, etc.)
- o. Orientation to north.
- p. Locations of all site testing activities (soil profile test pits, slope measurements, permeability test sites, background sampling, etc. (if applicable).
- q. Soils types and boundaries when a land based system is proposed.
- r. Topographic lines with elevations when a land based system is proposed

4. WETLAND PROTECTION

YES NO

- a. Are there wetlands in the project area? If yes, ensure these areas appear on the plot plan as shown in the mapping or through on-site delineation.
- b. Are there any construction activities (encroachments, or obstructions) proposed in, along, or through the wetlands? If yes, identify any proposed encroachments on wetlands and identify whether a General Permit or a full encroachment permit will be required. If a full permit is required, address time and cost impacts on the project. Note that wetland encroachments should be avoided where feasible. Also note that a feasible alternative **MUST BE SELECTED** to an identified encroachment on an exceptional value wetland as defined in Chapter 105. Identify any project impacts on streams classified as HQ or EV and address impacts of the permitting requirements of said encroachments on the project.

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

- Will the project involve the disturbance of prime agricultural lands?
If yes, coordinate with local officials to resolve any conflicts with the local prime agricultural land protection program. The project must be consistent with such municipal programs before the sewage facilities planning module package may be submitted to DEP.
If no, prime agricultural land protection is not a factor to this project.
- Have prime agricultural land protection issues been settled?

6. HISTORIC PRESERVATION ACT

YES NO

- Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 *Implementation of the PA State History Code* (available online at the DEP website at www.dep.state.pa.us, select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice

(CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

- The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my search of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are attached.
- A completed "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review Form," (PNDI Form) available at www.naturalheritage.state.pa.us, and all required supporting documentation is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning module will be considered incomplete upon submission to the Department and that the DEP review will not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials _____

H. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (See Section H of instructions)

- An alternative sewage facilities analysis has been prepared as described in Section H of the attached instructions and is attached to this component.
The applicant may choose to include additional information beyond that required by Section H of the attached instructions.

I. COMPLIANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See Section I of instructions) (Check and complete all that apply.)

1. Waters designated for Special Protection

- The proposed project will result in a new or increased discharge into special protection waters as identified in Title 25, Pennsylvania Code, Chapter 93. The Social or Economic Justification (SEJ) required by Section 93.4c. is attached.

2. Pennsylvania Waters Designated As Impaired

- The proposed project will result in a new or increased discharge of a pollutant into waters that DEP has identified as being impaired by that pollutant. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss water quality based discharge limitations.

3. Interstate and International Waters

- The proposed project will result in a new or increased discharge into interstate or international waters. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss effluent limitations necessary to meet the requirements of the interstate or international compact.

4. Tributaries To The Chesapeake Bay

- The proposed project result in a new or increased discharge of sewage into a tributary to the Chesapeake Bay. This proposal for a new sewage treatment facility or new flows to an existing facility includes total nitrogen and total phosphorus in the following amounts: _____ pounds of TN per year, and _____ pounds of TP per year. Based on the process design and effluent limits, the total nitrogen treatment capacity of the wastewater treatment facility is _____ pounds per year and the total phosphorus capacity is _____ pounds per year as determined by the wastewater treatment facility permittee. The permittee has determined that the additional TN and TP to be contributed by this project (as modified by credits and/or offsets to be provided) will not cause the discharge to exceed the annual total mass limits for these parameters. Documentation of compliance with nutrient allocations is attached.

Name of Permittee Agency, Authority, Municipality _____

Initials of Responsible Agent (See Section G 2.b) _____

See *Special Instructions* (Form 3800-FM-BPNPSM0353-1) for additional information on Chesapeake Bay watershed requirements.

J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)

Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Title 25, Chapter 94 (relating to Municipal Wasteload Management). If not previously included in Section F, include a general map showing the path of the sewage to the treatment facility. If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

1. Project Flows 2896 gpd
2. Total Sewage Flows to Facilities (pathway from point of origin through treatment plant)

When providing "treatment facilities" sewage flows, use Annual Average Daily Flow for "average" and Maximum Monthly Average Daily Flow for "peak" in all cases. For "peak flows" in "collection" and "conveyance" facilities, indicate whether these flows are "peak hourly flow" or "peak instantaneous flow" and how this figure was derived (i.e., metered, measured, estimated, etc.).

- a. Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
- b. Enter the average and peak sewage flows for the most restrictive sections of the existing sewage facilities.
- c. Enter the average and peak sewage flows, projected for 5 years (2 years for pump stations) through the most restrictive sections of the existing sewage facilities. Include existing, proposed (this project) and future project (other approved projects) flows.

To complete the table, refer to the instructions, Section J.

	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	784,814	2,746,847	24,359	85,257	26,446	92,560
Conveyance	—	2,080,000	12,500	12,900	15,600	16,000
Treatment	—	250.0MGD	194.8MGD	250.0MGD	194.8MGD	250.0MGD

3. Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

YES NO

- a. YES NO This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved Corrective Action Plan (CAP) granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the module package.

If no, a representative of the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not affect that status.

b. Collection System

Name of Agency, Authority, Municipality Pittsburgh Water & Sewer Authority

Name of Responsible Agent Barry King, P.E. / Director of Engineering

Agent Signature [Signature] Date 7/30/2019

J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent SHAWN P. McWILLIAMS, EIT

Agent Signature Sh P. McWilliams

Date 08/14/19

4. Treatment Facility

The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization.

YES NO * ALCOSAN IS UNDER A CONSENT DECREE TO ADDRESS WET WEATHER OVERFLOWS.

- a. This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAP granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status.

- b. Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent SHAWN P. McWILLIAMS, EIT

Agent Signature Sh P. McWilliams

Date 08/14/19

K. TREATMENT AND DISPOSAL OPTIONS (See Section K of instructions)

This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may **NOT** receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval.

Check the appropriate box indicating the selected treatment and disposal option.

- 1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
- 2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.
- 3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached.
- 4. A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. of the planning module instructions are attached.

L. PERMEABILITY TESTING (See Section L of instructions)

- The information required in Section L of the instructions is attached.

M. PRELIMINARY HYDROGEOLOGIC STUDY (See Section M of instructions)

The information required in Section M of the instructions is attached.

N. DETAILED HYDROGEOLOGIC STUDY (See Section N of instructions)

The detailed hydrogeologic information required in Section N. of the instructions is attached.

O. SEWAGE MANAGEMENT (See Section O of instructions)

(1-3 for completion by the developer(project sponser), 4-5 for completion by the non-municipal facility agent and 6 for completion by the municipality)

Yes No

1. Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed.

If Yes, respond to the following questions, attach the supporting analysis, and an evaluation of the options available to assure long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the remainder of Section O.

2. Project Flows _____ gpd

Yes No

3. Is the use of nutrient credits or offsets a part of this project?

If yes, attach a letter of intent to purchase the necessary credits and describe the assurance that these credits and offsets will be available for the remaining design life of the non-municipal sewage facility;

(For completion by non-municipal facility agent)

4. Collection and Conveyance Facilities

The questions below are to be answered by the organization/individual responsible for the non-municipal collection and conveyance facilities. The individual(s) signing below must be legally authorized to make representation for the organization.

Yes No

a. If this project proposes sewer extensions or tap-ins, will these actions create a hydraulic overload on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, a representative of the organization responsible for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not affect that status.

b. Collection System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

c. Conveyance System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

5. Treatment Facility

The questions below are to be answered by a representative of the facility permittee. The individual signing below must be legally authorized to make representation for the organization.

Yes No

- a. If this project proposes the use of an existing non-municipal wastewater treatment plant for the disposal of sewage, will this action create a hydraulic or organic overload at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with §71.53(d)(3) and that this proposal will not impact that status.

- b. Name of Facility _____
Name of Responsible Agent _____
Agent Signature _____
Date _____

(For completion by the municipality)

6. The **SELECTED OPTION** necessary to assure long-term proper operation and maintenance of the proposed non-municipal facilities is clearly identified with documentation attached in the planning module package.

P. PUBLIC NOTIFICATION REQUIREMENT (See Section P of instructions)

This section must be completed to determine if the applicant will be required to publish facts about the project in a newspaper of general circulation to provide a chance for the general public to comment on proposed new land development projects. This notice may be provided by the applicant or the applicant's agent, the municipality or the local agency by publication in a newspaper of general circulation within the municipality affected. Where an applicant or an applicant's agent provides the required notice for publication, the applicant or applicant's agent shall notify the municipality or local agency and the municipality and local agency will be relieved of the obligation to publish. The required content of the publication notice is found in Section P of the instructions.

To complete this section, each of the following questions must be answered with a "yes" or "no". Newspaper publication is required if any of the following are answered "yes".

Yes No

1. Does the project propose the construction of a sewage treatment facility ?
2. Will the project change the flow at an existing sewage treatment facility by more than 50,000 gallons per day?
3. Will the project result in a public expenditure for the sewage facilities portion of the project in excess of \$100,000?
4. Will the project lead to a major modification of the existing municipal administrative organizations within the municipal government?
5. Will the project require the establishment of *new* municipal administrative organizations within the municipal government?
6. Will the project result in a subdivision of 50 lots or more? (onlot sewage disposal only)
7. Does the project involve a major change in established growth projections?
8. Does the project involve a different land use pattern than that established in the municipality's Official Sewage Plan?

P. PUBLIC NOTIFICATION REQUIREMENT cont'd. (See Section P of instructions)

- 9. Does the project involve the use of large volume onlot sewage disposal systems (Flow > 10,000 gpd)?
- 10. Does the project require resolution of a conflict between the proposed alternative and consistency requirements contained in §71.21(a)(5)(i), (ii), (iii)?
- 11. Will sewage facilities discharge into high quality or exceptional value waters?
- Attached is a copy of:
 - the public notice,
 - all comments received as a result of the notice,
 - the municipal response to these comments.
- No comments were received. A copy of the public notice is attached.

Q. FALSE SWEARING STATEMENT (See Section Q of instructions)

I verify that the statements made in this component are true and correct to the best of my knowledge, information and belief. I understand that false statements in this component are made subject to the penalties of 18 PA C.S.A. §4904 relating to unsworn falsification to authorities.

Rachel A. Upadhyay	<i>Rachel Upadhyay</i>
Name (Print)	Signature
Engineer	<i>28 May 2019</i>
Title	Date
22 South Linden Street, Duquesne, PA 15110	4124699331
Address	Telephone Number

R. REVIEW FEE (See Section R of instructions)

The Sewage Facilities Act establishes a fee for the DEP planning module review. DEP will calculate the review fee for the project and invoice the project sponsor **OR** the project sponsor may attach a self-calculated fee payment to the planning module prior to submission of the planning package to DEP. (Since the fee and fee collection procedures may vary if a "delegated local agency" is conducting the review, the project sponsor should contact the "delegated local agency" to determine these details.) Check the appropriate box.

- I request DEP calculate the review fee for my project and send me an invoice for the correct amount. I understand DEP's review of my project will not begin until DEP receives the correct review fee from me for the project.
- I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$400.00 payable to "Commonwealth of PA, DEP". Include DEP code number on check. I understand DEP will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, DEP will return my check or money order, send me an invoice for the correct amount. I understand DEP review will NOT begin until I have submitted the correct fee.
- I request to be exempt from the DEP planning module review fee because this planning module creates **only** one new lot and is the **only** lot subdivided from a parcel of land as that land existed on December 14, 1995. I realize that subdivision of a second lot from this parcel of land shall disqualify me from this review fee exemption. I am furnishing the following deed reference information in support of my fee exemption.

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

1. For a new collection system (with or without a Clean Streams Law Permit), a collection system extension, or individual tap-ins to an existing collection system use this formula.

$$\#8 \text{ Lots (or EDUs) X } \$50.00 = \$ 400.00$$

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
 - For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.
2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

- A. A new surface discharge greater than 2000 gpd will use a flat fee:

$$\begin{aligned} & \$ 1,500 \text{ per submittal (non-municipal)} \\ & \$ 500 \text{ per submittal (municipal)} \end{aligned}$$

- B. An increase in an existing surface discharge will use:

$$\# \text{ Lots (or EDUs) X } \$35.00 = \$$$

to a maximum of \$ 1,500 per submittal (non-municipal) or \$ 500 per submittal (municipal)

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
 - For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
 - For non-single family residential projects, EDUs are calculated using projected population figures
- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:
- $$\begin{aligned} & \$ 1,500 \text{ per submittal (non-municipal)} \\ & \$ 500 \text{ per submittal (municipal)} \end{aligned}$$

SEWAGE FACILITIES PLANNING MODULE COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the local municipal planning agency for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

909 Liberty Interior Renovations

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency 8-14-192. Date review completed by agency 8-14-19

SECTION C. AGENCY REVIEW (See Section C of instructions)

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is this proposal consistent with the comprehensive plan for land use?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Will any known historical or archaeological resources be impacted by this project?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Will any known endangered or threatened species of plant or animal be impacted by this project?
If yes, describe impacts _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Is there a municipal zoning ordinance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 9. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11. Have all applicable zoning approvals been obtained? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12. Is there a municipal subdivision and land development ordinance? |

SECTION C. AGENCY REVIEW (continued)

- | Yes | No | |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 13. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 14. Is this plan consistent with the municipal Official Sewage Facilities Plan?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? |
| <input type="checkbox"/> | <input type="checkbox"/> | If yes, is the proposed waiver consistent with applicable ordinances?
If no, describe the inconsistencies _____ |

17. Name, title and signature of planning agency staff member completing this section:

Name: Martina Bathstone
 Title: Senior Environmental Planner
 Signature: MBathstone
 Date: 8-14-19
 Name of Municipal Planning Agency: Dept. City Planning, Pittsburgh
 Address: 200 Ross St. 4th Floor Pittsburgh, PA 15219
 Telephone Number: (412) 255-2516

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

DEP Code #

SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4C - COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the county or joint county health department for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

909 Liberty Interior Renovations

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by county or joint-county health department. August 20, 2019

Agency name Allegheny County Health Department (ACHD)

2. Date review completed by agency August 22, 2019

SECTION C. AGENCY REVIEW (See Section C of instructions)

Yes No

1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?

If no, what are the inconsistencies? _____

2. Are there any waste water disposal needs in the area adjacent to the new land development that should be considered by the municipality?

If yes, describe _____

3. Is there any known groundwater degradation in the area of the proposed subdivision?

If yes, describe _____

4. The county or joint county health department recommendation concerning this proposed plan is as follows: ACHD recommends approval. See attached letter.

5. Name, title and signature of person completing this section:

Name: Freddie Fields

Title: Environmental Health Engineer III

Signature:

Date: August 22, 2019

Name of County Health Department: ACHD

Address: 3901 Penn Avenue, Building #5, Pittsburgh PA 15224-1318

Telephone Number: 412-578-8046

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This Component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The county planning agency must complete this Component within 60 days.

This Component and any additional comments are to be returned to the applicant.

1. PROJECT INFORMATION

Project Name: **909 Liberty Interior Renovations**

Date of Review: **5/22/2019 10:02:33 AM**

Project Category: **Development, Additions/maintenance to existing development facilities**

Project Area: **0.08 acres**

County(s): **Allegheny**

Township/Municipality(s): **PITTSBURGH**

ZIP Code: **15222**

Quadrangle Name(s): **PITTSBURGH EAST**

Watersheds HUC 8: **Lower Allegheny**

Watersheds HUC 12: **Allegheny River-Ohio River**

Decimal Degrees: **40.443302, -79.997701**

Degrees Minutes Seconds: **40° 26' 35.8877" N, 79° 59' 51.7231" W**

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	Conservation Measure	No Further Review Required, See Agency Comments
U.S. Fish and Wildlife Service	Conservation Measure	No Further Review Required, See Agency Comments

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

909 Liberty Interior Renovations

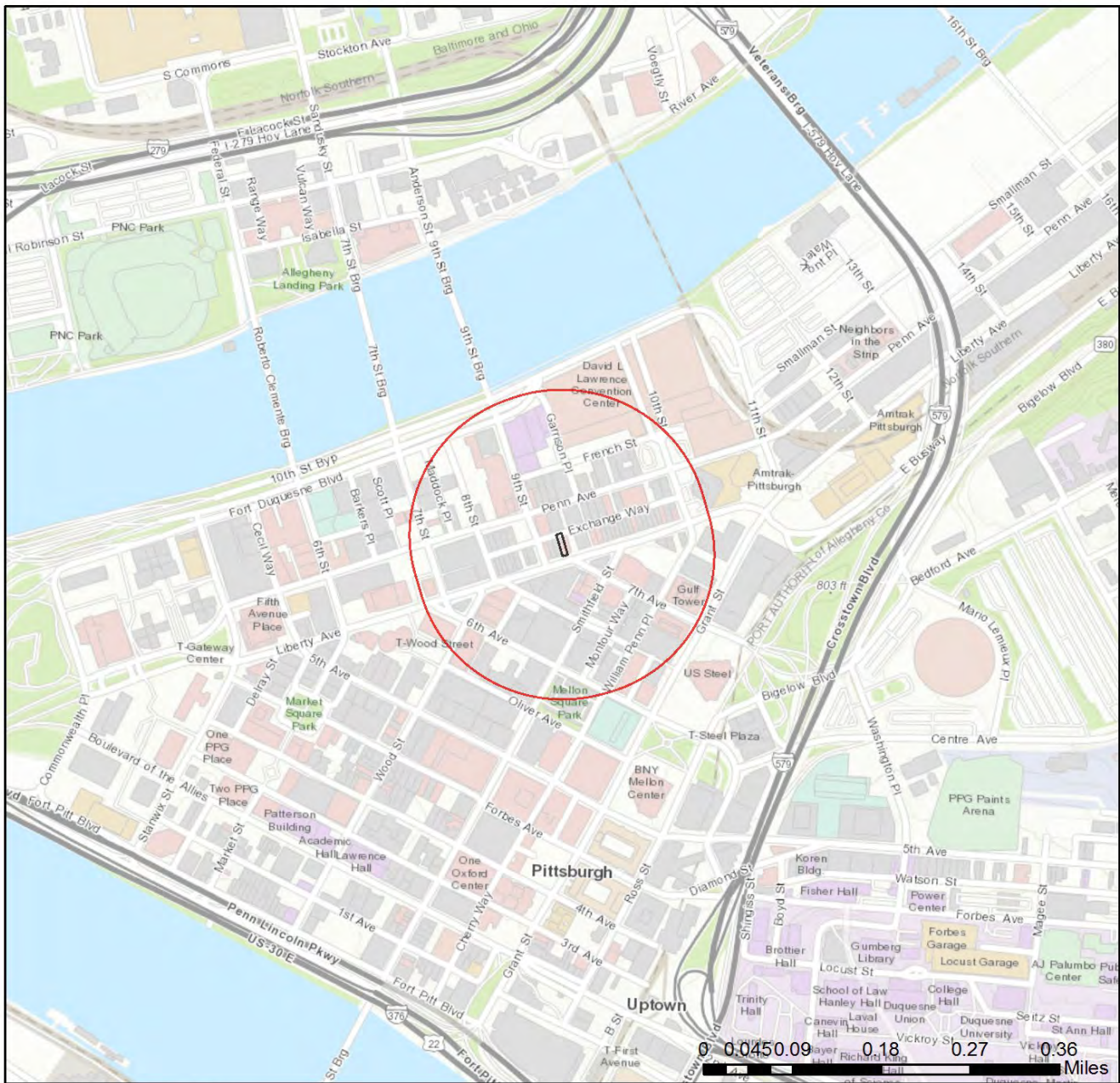


- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

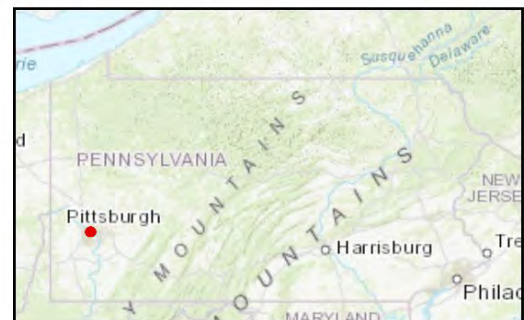


909 Liberty Interior Renovations



- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS,



RESPONSE TO QUESTION(S) ASKED

Q1: Select the statement below that accurately describes where the proposed project and project-associated activities will occur. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.).

Your answer is: All project activities will occur in or on an existing building, parking lot, driveway, road, road shoulder, street, runway, paved area, or railroad bed.

Q2: Describe how wastewater (effluent) will be handled (select one). For the purpose of this question, wastewater/effluent does not include stormwater runoff. If the project involves solely the renewal or modification of an existing discharge permit (e.g., NPDES permit), select from options 3, 4, 5, or 6 below.

Your answer is: All wastewater/effluent from this project/activity will be routed to an existing municipal wastewater treatment plant.

Q3: Select the statement below that accurately describes where the proposed project and project-associated activities will occur. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.).

Your answer is: All project activities will occur in or on an existing building, parking lot, driveway, road, road shoulder, street, runway, paved area, or railroad bed.

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

PGC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Falco peregrinus	Peregrine Falcon	Threatened

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

Conservation Measure: The natural flow regime and water quality in this watershed are important to maintaining habitats occupied by rare fish and mussels. PFBC recommends that you take measures to maintain a natural flow regime, high water quality, and quantity. Maintenance or restoration of the riparian corridor will aid in connecting habitats and improving water quality and quantity for fish and mussels. PFBC recommends retaining (or restoring, if not already present) a riparian buffer (100 to 300 feet, if possible) on each side of the waterway (river, stream, creek). This buffer should be vegetated with native plant species. When adequately vegetated, this upland buffer will act to stabilize the streambanks (preventing or minimizing erosion), and filter pollutants (e.g., sediment, fertilizers, pesticides, road salt, oil). Where streambanks have become badly eroded (e.g., due to previous removal of native riparian vegetation), streambank fencing and/or bioengineering restoration techniques are recommended (geotextile, root wads, vegetative stabilization), rather than riprapping the streambanks; removing gravel bars; or attempting to dredge, ditch, channelize, or widen the stream. Use stringent erosion and sedimentation controls before, during, and after project implementation to ensure that sediment and contaminants do not enter any waterway(s) (rivers, creeks, streams, tributaries) or waterbodies (lakes, ponds).

PFBC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Leptodea fragilis	Fragile Papershell	Special Concern Species*
Quadrula quadrula	Mapleleaf	Special Concern Species*

U.S. Fish and Wildlife Service

RESPONSE:

Conservation Measure: Voluntary implementation of the following recommendations will contribute to the conservation and recovery of endangered and threatened species. -- In order to maintain or improve water quality for endangered aquatic species, retain (or restore, if not already present) a 100- to 300-foot wide buffer on each side of the waterway (river, stream, creek) or waterbody (lake). Avoid construction, earth disturbance, and chemical application in this buffer. The buffer should be vegetated with native plant species. When adequately vegetated, this upland buffer will act to stabilize the streambanks (preventing or minimizing erosion), and filter pollutants (e.g., sediment, fertilizers, pesticides, road salt, oil). Where streambanks have become badly eroded (e.g., due to removal of native riparian vegetation), streambank fencing and/or bioengineering restoration techniques are recommended (geotextile, root wads, vegetative stabilization), rather than riprapping the streambanks; removing gravel bars; or attempting to dredge, ditch, channelize, or widen the stream.

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email* the following information to the agency(s). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies. Alternatively, applicants may email or mail their project materials (see AGENCY CONTACT INFORMATION).

***Note:** U.S.Fish and Wildlife Service requires applicants to mail project materials to the USFWS PA field office (see AGENCY CONTACT INFORMATION). USFWS will not accept project materials submitted electronically (by upload or email).

Check-list of Minimum Materials to be submitted:

___ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

___ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

___ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

___ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

___ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
NO Faxes Please

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

PA Game Commission

Bureau of Wildlife Habitat Management
Division of Environmental Planning and Habitat Protection
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Rachel A. Upadhyay, E.I.T.
Company/Business Name: KU Resources, Inc.
Address: 22 South Linden Street
City, State, Zip: Duquesne, PA 15110
Phone: (412) 469-9331 Fax: (412) 469-9336
Email: rupadhyay@kuresources.com

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

Rachel Upadhyay
applicant/project proponent signature

22 May 2019
date



KU Resources, Inc.

Innovative Solutions, Outstanding Support.

www.kuresources.com

May 22, 2019

PA Game Commission
Southwest Regional Office
4820 Route 711
Bolivar, PA 15923

Re: PNDI Project Environmental Review
Project Search ID PNDI-684564
909 Liberty Interior Renovations
City of Pittsburgh, Allegheny County, Pennsylvania 15222

To Whom It May Concern:

KU Resources, Inc. (KU Resources), on behalf of Go Green Construction, Inc., conducted a Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review for a project involving the renovation of a vacant building, which was formerly an Army Navy Store, located at 909 Liberty Avenue in the City of Pittsburgh, Allegheny County, Pennsylvania 15222. The PNDI Project Environmental Review Receipt indicated that further review of this project by your agency is necessary to resolve the potential impact(s). Please find enclosed the requested information. KU Resources appreciates your time and attention to this matter. If you require additional information, please contact me at 412-469-9331 x 26 or rupadhyay@kuresources.com.

Sincerely,

Rachel A. Upadhyay
Project Engineer

Attachments

ATTACHMENT 1
PROJECT NARRATIVE

**PROJECT DESCRIPTION NARRATIVE
909 LIBERTY INTERIOR RENOVATIONS
CITY OF PITTSBURGH, ALLEGHENY COUNTY, PENNSYLVANIA**

The applicant has proposed to renovate an existing vacant 5-story building located at 909 Liberty Avenue in the City of Pittsburgh, Allegheny County, Pennsylvania 15222 (Site). This is the former location of an Army Navy Store with warehousing above. The Site is currently being redeveloped by Go Green Construction and is designated as Parcel 9-N-59 on the Allegheny County Property Records Website. No wetlands or bodies of water are located within the proposed development area, as the entire area is either occupied by a building or paved. All activity will take place over 800 feet beyond the top of bank of the Allegheny River.

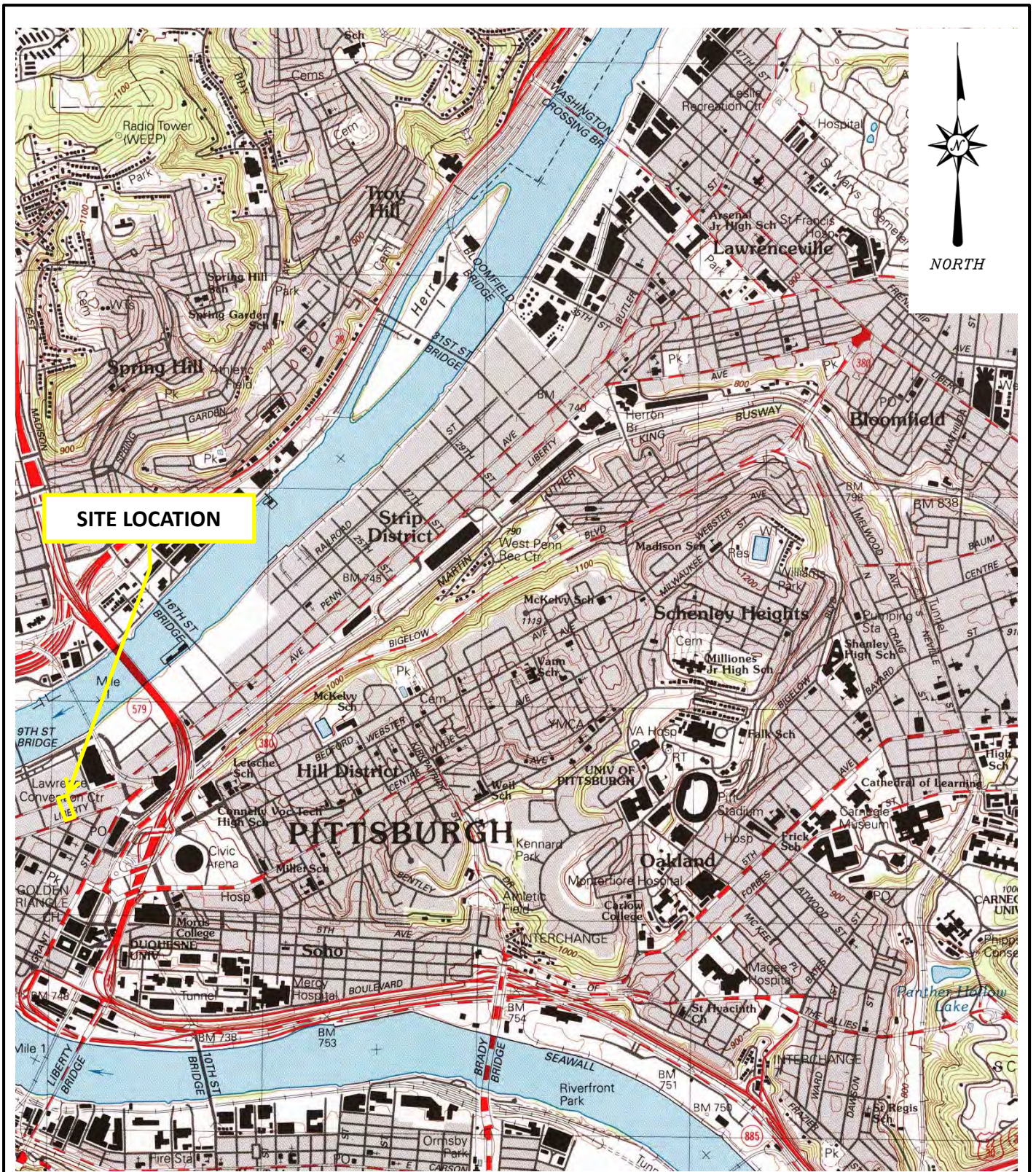
The project consists of the following activities

- Interior building renovations.
- Existing pavement saw-cutting, trenching, utility service lateral installation, and re-paving.

Since the area of disturbance is less than 1 acre, an NPDES permit and an erosion and sediment control plan are not required. Since proposed pavement is less than 2,500 square feet, City of Pittsburgh stormwater approval is not required.

Figures of the project area are included as Attachment 2 and a copy of the draft PNDI receipt is included as Attachment 3.

**ATTACHMENT 2
FIGURES**



SITE LOCATION

FIGURE 1
SITE LOCATION MAP
909 LIBERTY INTERIOR RENOVATIONS
CITY OF PITTSBURGH, 2ND WARD
ALLEGHENY COUNTY, PENNSYLVANIA

REFERENCE:
 USGS 7.5-MIN TOPOGRAPHIC
 EAST PITTSBURGH QUADRANGLE,
 PENNSYLVANIA, DATED 1997

NOT TO SCALE

APPROVED: TOM 05/20/2019
CHECKED: RAU 05/20/2019
DRAWN: RAU 05/20/2019
FILE NO.: FIGURES
PROJECT NO.: SL19200LIR



KU Resources, Inc.
 22 South Linden Street
 Duquesne, PA 15110
 412.469.9331
 412.469.9336 fax
www.kuresources.com

PREPARED FOR
GO GREEN CONSTRUCTION, INC.
 3471 BABCOCK BLVD, SUITE 205
 PITTSBURGH, PA 15237



FIGURE 2
AERIAL IMAGE
909 LIBERTY INTERIOR RENOVATIONS
 CITY OF PITTSBURGH, 2ND WARD
 ALLEGHENY COUNTY, PENNSYLVANIA

REFERENCE:
 GOOGLE MAPS, DATED 2019.

NOT TO SCALE

APPROVED: TOM 05/20/2019
CHECKED: RAU 05/20/2019
DRAWN: RAU 05/20/2019
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NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was State Plane Pennsylvania south zone (FIPZONE 3702). The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/INGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was provided in digital format by the Allegheny County Geographic Information Systems Group. This information was photogrammetrically compiled at a scale of 1:2,400 from aerial photography dated 2004.

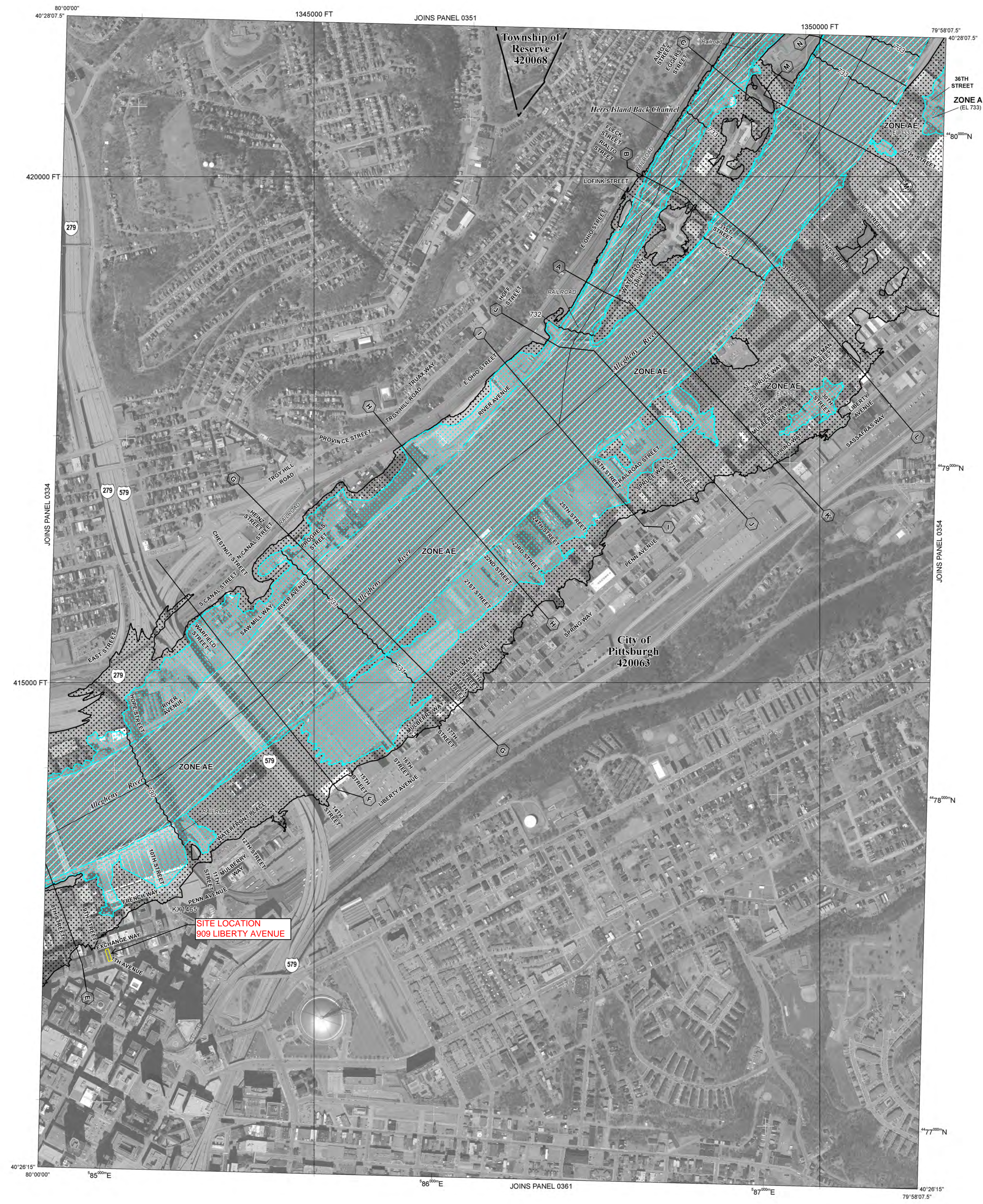
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/business/nfp>.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently identified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Limit of Moderate Wave Action
- Base Flood Elevation line and value; elevation in feet*
- Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

- ⊖ ⊕ Cross section line
- ⊖ ⊕ Transsect line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

87°07'45", 32°22'30"

1000-meter Universal Transverse Mercator grid values, zone 17N

600000 FT

5000-foot grid values: Pennsylvania State Plane coordinate system, South zone (FIPZONE 3702), Lambert Conformal Conic projection

DX5510 x

Bench mark (see explanation in Notes to Users section of this FIRM panel)

● M1.5

River Mile

MAP REPOSITORY

Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

October 4, 1995

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

See Notice To Users page in FIS Report

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 500 1000 FEET

150 0 150 300 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0353H

FIRM

FLOOD INSURANCE RATE MAP

ALLEGHENY COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)

PANEL 353 OF 558

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

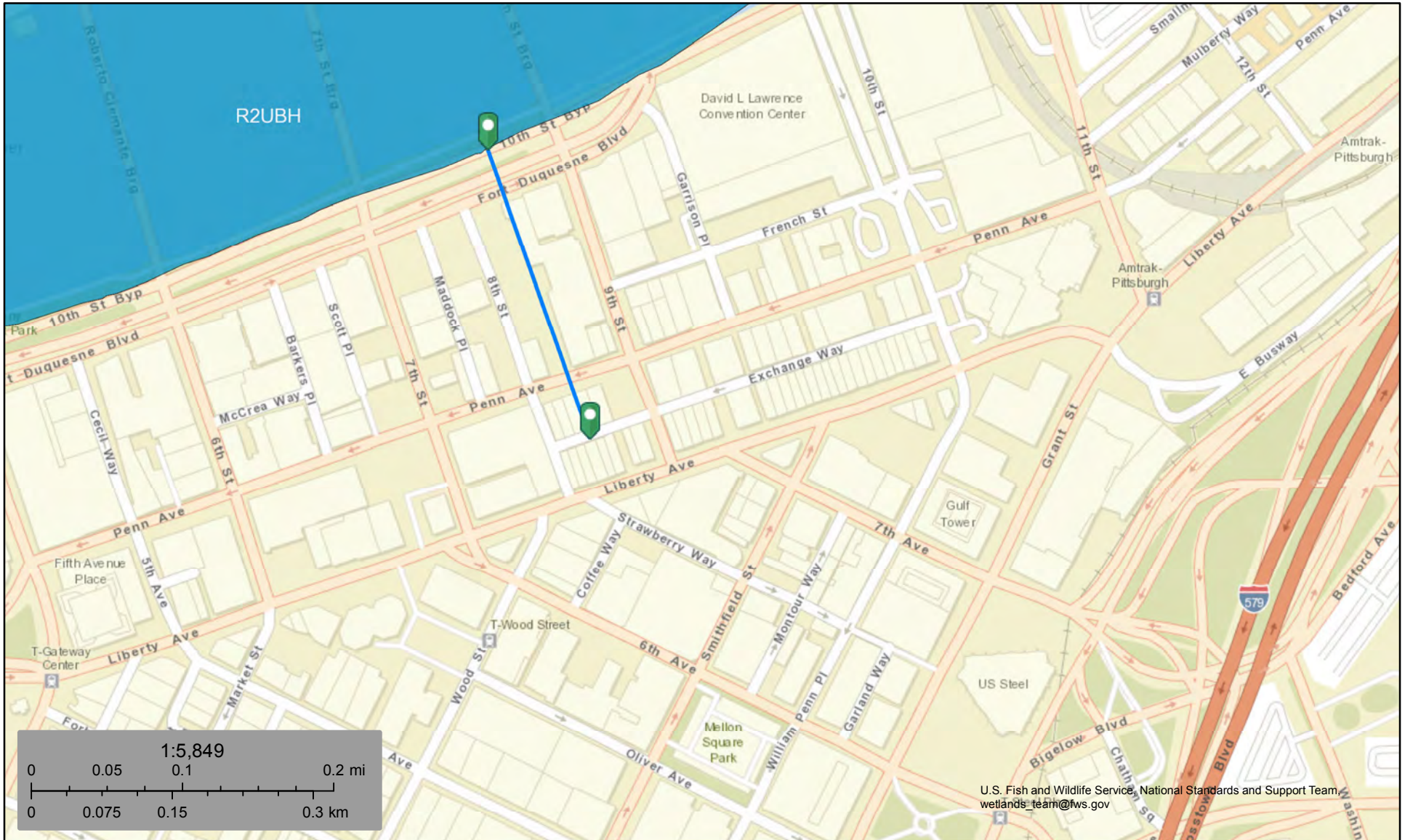
COMMUNITY	NUMBER	PANEL	SUFFIX
PITTSBURGH CITY OF	420063	0353	H
RESERVE TOWNSHIP OF	420068	0353	H

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER 42003C0353H

MAP REVISED SEPTEMBER 26, 2014

Federal Emergency Management Agency



May 20, 2019

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

**ATTACHMENT 3
PNDI RECEIPT**

1. PROJECT INFORMATION

Project Name: **909 Liberty Interior Renovations**

Date of Review: **5/20/2019 04:07:25 PM**

Project Category: **Development, Additions/maintenance to existing development facilities**

Project Area: **0.08 acres**

County(s): **Allegheny**

Township/Municipality(s): **PITTSBURGH**

ZIP Code: **15222**

Quadrangle Name(s): **PITTSBURGH EAST**

Watersheds HUC 8: **Lower Allegheny**

Watersheds HUC 12: **Allegheny River-Ohio River**

Decimal Degrees: **40.443302, -79.997701**

Degrees Minutes Seconds: **40° 26' 35.8877" N, 79° 59' 51.7231" W**

This is a draft receipt for information only. It has not been submitted to jurisdictional agencies for review.

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	Conservation Measure	No Further Review Required, See Agency Comments
U.S. Fish and Wildlife Service	Conservation Measure	No Further Review Required, See Agency Comments

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

909 Liberty Interior Renovations

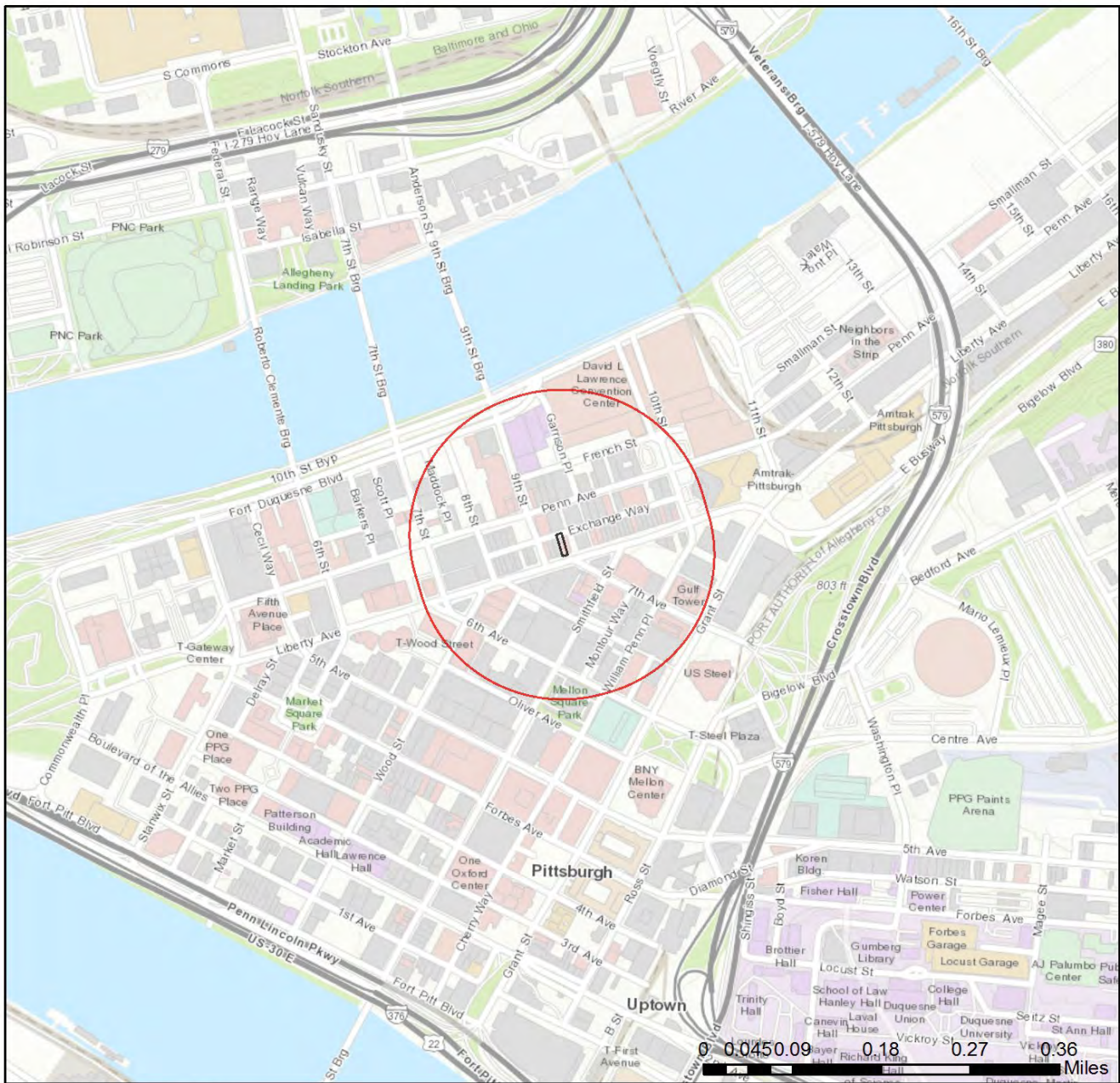


- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

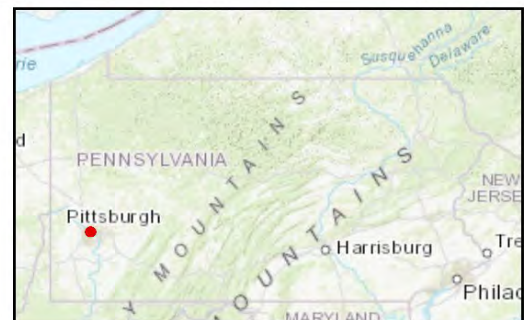


909 Liberty Interior Renovations



- Project Boundary
- Buffered Project Boundary

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
 Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS,



RESPONSE TO QUESTION(S) ASKED

Q1: Select the statement below that accurately describes where the proposed project and project-associated activities will occur. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.).

Your answer is: All project activities will occur in or on an existing building, parking lot, driveway, road, road shoulder, street, runway, paved area, or railroad bed.

Q2: Describe how wastewater (effluent) will be handled (select one). For the purpose of this question, wastewater/effluent does not include stormwater runoff. If the project involves solely the renewal or modification of an existing discharge permit (e.g., NPDES permit), select from options 3, 4, 5, or 6 below.

Your answer is: All wastewater/effluent from this project/activity will be routed to an existing municipal wastewater treatment plant.

Q3: Select the statement below that accurately describes where the proposed project and project-associated activities will occur. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.).

Your answer is: All project activities will occur in or on an existing building, parking lot, driveway, road, road shoulder, street, runway, paved area, or railroad bed.

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

PGC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Falco peregrinus	Peregrine Falcon	Threatened

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

Conservation Measure: The natural flow regime and water quality in this watershed are important to maintaining habitats occupied by rare fish and mussels. PFBC recommends that you take measures to maintain a natural flow regime, high water quality, and quantity. Maintenance or restoration of the riparian corridor will aid in connecting habitats and improving water quality and quantity for fish and mussels. PFBC recommends retaining (or restoring, if not already present) a riparian buffer (100 to 300 feet, if possible) on each side of the waterway (river, stream, creek). This buffer should be vegetated with native plant species. When adequately vegetated, this upland buffer will act to stabilize the streambanks (preventing or minimizing erosion), and filter pollutants (e.g., sediment, fertilizers, pesticides, road salt, oil). Where streambanks have become badly eroded (e.g., due to previous removal of native riparian vegetation), streambank fencing and/or bioengineering restoration techniques are recommended (geotextile, root wads, vegetative stabilization), rather than riprapping the streambanks; removing gravel bars; or attempting to dredge, ditch, channelize, or widen the stream. Use stringent erosion and sedimentation controls before, during, and after project implementation to ensure that sediment and contaminants do not enter any waterway(s) (rivers, creeks, streams, tributaries) or waterbodies (lakes, ponds).

PFBC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Leptodea fragilis	Fragile Papershell	Special Concern Species*
Quadrula quadrula	Mapleleaf	Special Concern Species*

U.S. Fish and Wildlife Service

RESPONSE:

Conservation Measure: Voluntary implementation of the following recommendations will contribute to the conservation and recovery of endangered and threatened species. -- In order to maintain or improve water quality for endangered aquatic species, retain (or restore, if not already present) a 100- to 300-foot wide buffer on each side of the waterway (river, stream, creek) or waterbody (lake). Avoid construction, earth disturbance, and chemical application in this buffer. The buffer should be vegetated with native plant species. When adequately vegetated, this upland buffer will act to stabilize the streambanks (preventing or minimizing erosion), and filter pollutants (e.g., sediment, fertilizers, pesticides, road salt, oil). Where streambanks have become badly eroded (e.g., due to removal of native riparian vegetation), streambank fencing and/or bioengineering restoration techniques are recommended (geotextile, root wads, vegetative stabilization), rather than riprapping the streambanks; removing gravel bars; or attempting to dredge, ditch, channelize, or widen the stream.

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email* the following information to the agency(s). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies. Alternatively, applicants may email or mail their project materials (see AGENCY CONTACT INFORMATION).

***Note:** U.S.Fish and Wildlife Service requires applicants to mail project materials to the USFWS PA field office (see AGENCY CONTACT INFORMATION). USFWS will not accept project materials submitted electronically (by upload or email).

Check-list of Minimum Materials to be submitted:

___ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

___ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

___ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

___ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

___ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

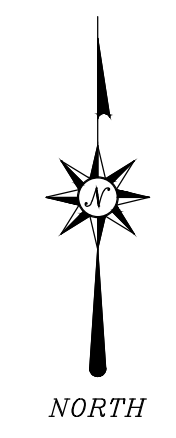
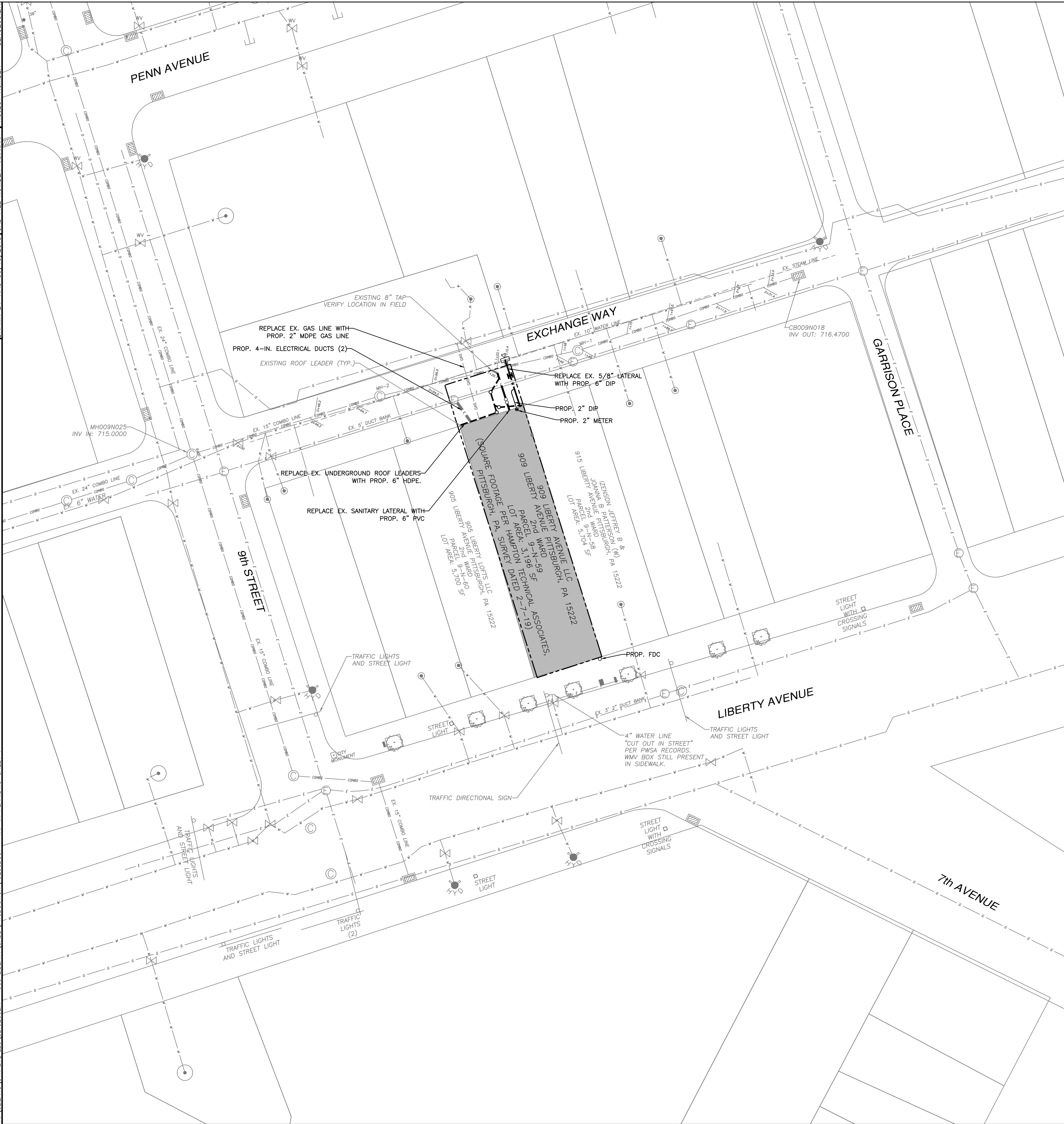
5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.



DRAWN BY: RAU 05/10/2019 CAD FILE NUMBER: 192000001 PROJECT NUMBER: 192000001 SHEET: 1



HYDRANT FLOW TEST DATA (REQUIRED FOR TAPS LARGER THAN 1-INCH)		
Date of Test:	5/9/2019	Hydrant Permit No.: 19-56
Test Performed By: METROPOLITAN FIRE PROTECTION, INC.		
	FLOW HYDRANT	PRESSURE HYDRANT
Hydrant Number	A1101	A1121
Location	LIBERTY AVE.	LIBERTY AVE.
Static Pressure (psi)	XXXXXXXXXXXXXXXXXX	98
Residual Pressure (psi)	XXXXXXXXXXXXXXXXXX	96
Flow Observed (gpm)	919	XXXXXXXXXXXXXXXXXX
Fire Protection Demands:		
Sprinkler System Peak Demand	475 gpm	60 psi
Inside Hose Demand	gpm	
Outside Hose Demand	gpm	
Domestic System Peak Demand	82.5 gpm	
Private Fire Hydrant Demands:	N/A	gpm

WATER AND SEWER FLOW DATA

WATER AND SEWER FLOW DATA	
WATER CONSUMPTION	2,896 GPD
SANITARY FLOW	2,896 GPD
STORM FLOW	0 CFS
APPLICATION NUMBER (ASSIGNED BY PWSA)	TBD
DEP APPROVAL DATE (ASSIGNED BY PWSA)	TBD

- LEGEND**
- EXISTING SURVEYED PARCEL BOUNDARY
 - ALLEGHENY COUNTY GIS PARCEL BOUNDARY
 - ▭ EXISTING BUILDING
 - EXISTING TREE PIT
 - EXISTING STEAM LINE
 - EXISTING SANITARY LINE
 - EXISTING COMBINATION SEWER
 - EXISTING COMBINATION MANHOLE
 - EXISTING STORM INLET
 - EXISTING WATERLINE
 - EXISTING WATERLINE VALVE
 - EXISTING HYDRANT
 - EXISTING GASLINE
 - EXISTING UNDERGROUND ELECTRIC
 - EXISTING ELECTRIC MANHOLE
 - PROPOSED GASLINE
 - PROPOSED UNDERGROUND ELECTRIC
 - PROPOSED SANITARY LATERAL
 - PROPOSED VENT PIPES
 - PROPOSED STORM LATERAL
 - PROPOSED STORM CLEANOUT
 - PROPOSED WATER LATERAL
 - ▭ PROPOSED GATE VALVE WITH MEG BOX
 - ▭ PROPOSED 10"x6" TEE WITH THRUST BLOCK
 - PROPOSED WATER METER

NOTE: ALL UTILITIES PLOTTED FROM PA ONECALL OR PROVIDED PWSA RECORDS. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES IN FIELD.

THE PITTSBURGH WATER AND SEWER AUTHORITY

*** APPROVAL FOR:**

- NEW WATER TAP, BACKFLOW PREVENTOR, AND METER INSTALLATION
- NEW SANITARY AND/OR STORM SEWER TAP
- INCREASE IN FLOW AT EXISTING SEWER AND/OR WATER CONNECTION
- SEWER TAP TERMINATION
- WATER TAP TERMINATION

*** DISCLAIMER:** Signatures / Approval by PWSA are for the physical connection(s) to the water and/or sewer system only.

Responsibility for the design and work depicted by the drawings, including the flow design for the facilities, is by the Professional Engineer shown by the seal and signature affixed to the drawing. The PWSA does not represent or warrant that the water supply to the facilities is sufficient to support the design.

Project Coordinator/Project Management Engineer/Reviewer certifies that he/she has reviewed the above noted document(s) in accordance with the Authority's established rules and regulations. Based on this review, approval is hereby recommended. Date _____

Project Coordinator/Project Management Engineer/Reviewer Date _____

Approval Date _____

DIRECTOR OF FIELD SERVICES Date _____

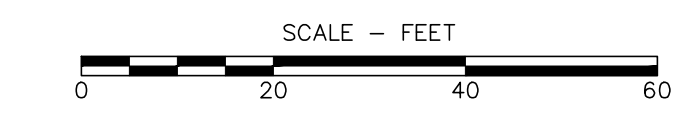
Deputy Director of Engineering Date _____

Director of Engineering and Construction Date _____

PREPARED BY: **KU Resources, Inc.**
 22 South Linden Street
 Duquesne, PA 15110
 412.469.9331
 412.469.9336 fax
www.kuresources.com

GO GREEN CONSTRUCTION, INC.
 3471 BABCOCK BOULEVARD
 SUITE 205
 PITTSBURGH, PA 15237
 WATER & SEWER SERVICE TAP-IN

909 LIBERTY INTERIOR RENOVATIONS
 909 LIBERTY AVENUE
 PITTSBURGH, PENNSYLVANIA 15222



CALL BEFORE YOU DIG! ONECALL # 20191071958

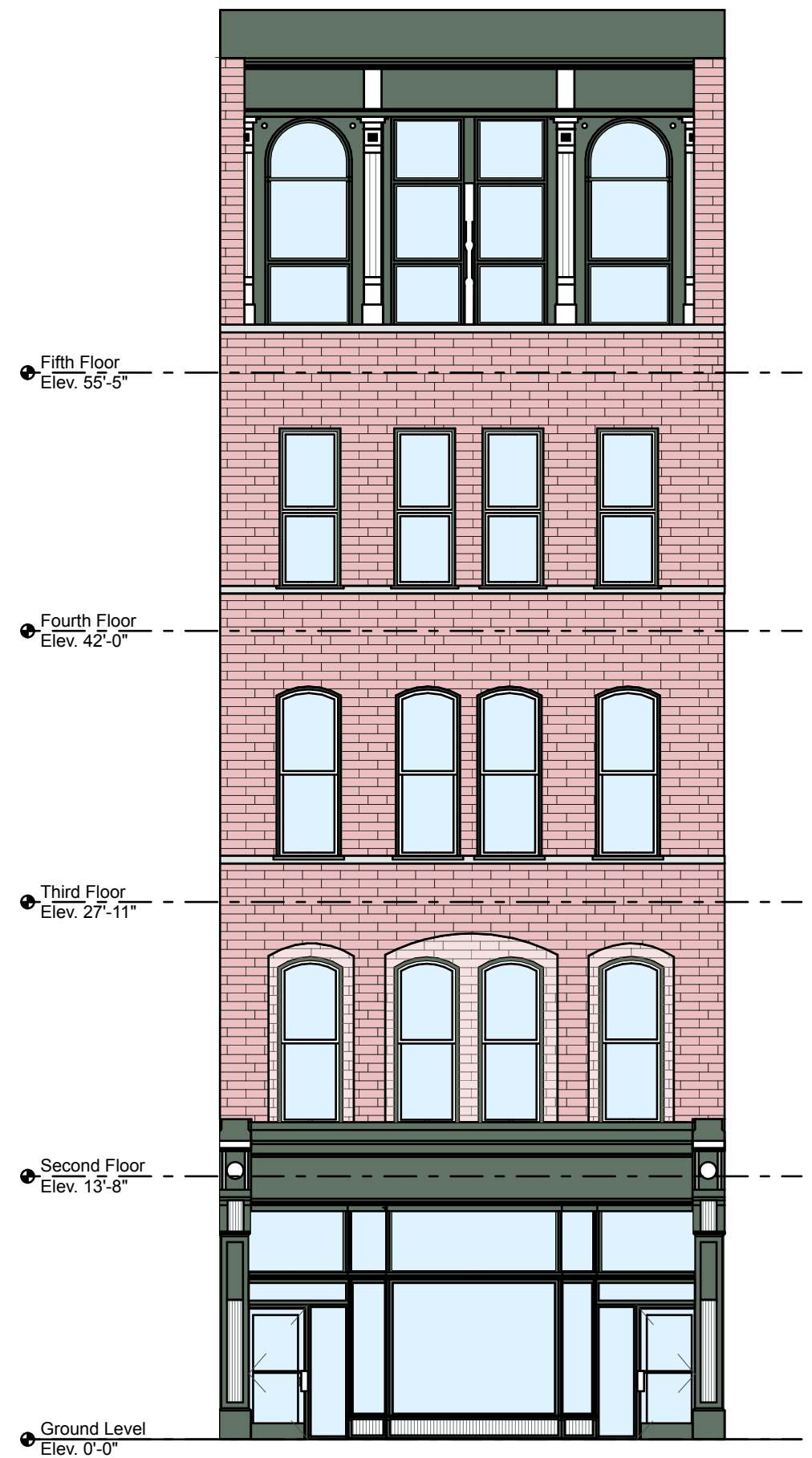
PENNSYLVANIA ACT 487 (1980) NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH, CALL PENNSYLVANIA ONE CALL SYSTEM, INC. AT 1-800-440-1776 BEFORE ANY DISTURBANCE.

EXISTING PWSA ACCOUNT NUMBER: 5001265
 EXISTING PWSA METER NUMBER: B01700950 (5/8" METER)

PLAN SCALE: 1" = 20'
 DATE: JUNE 10, 2019 SHEET 1 OF 2 ACCESSION NO. _____ CASE NO. _____

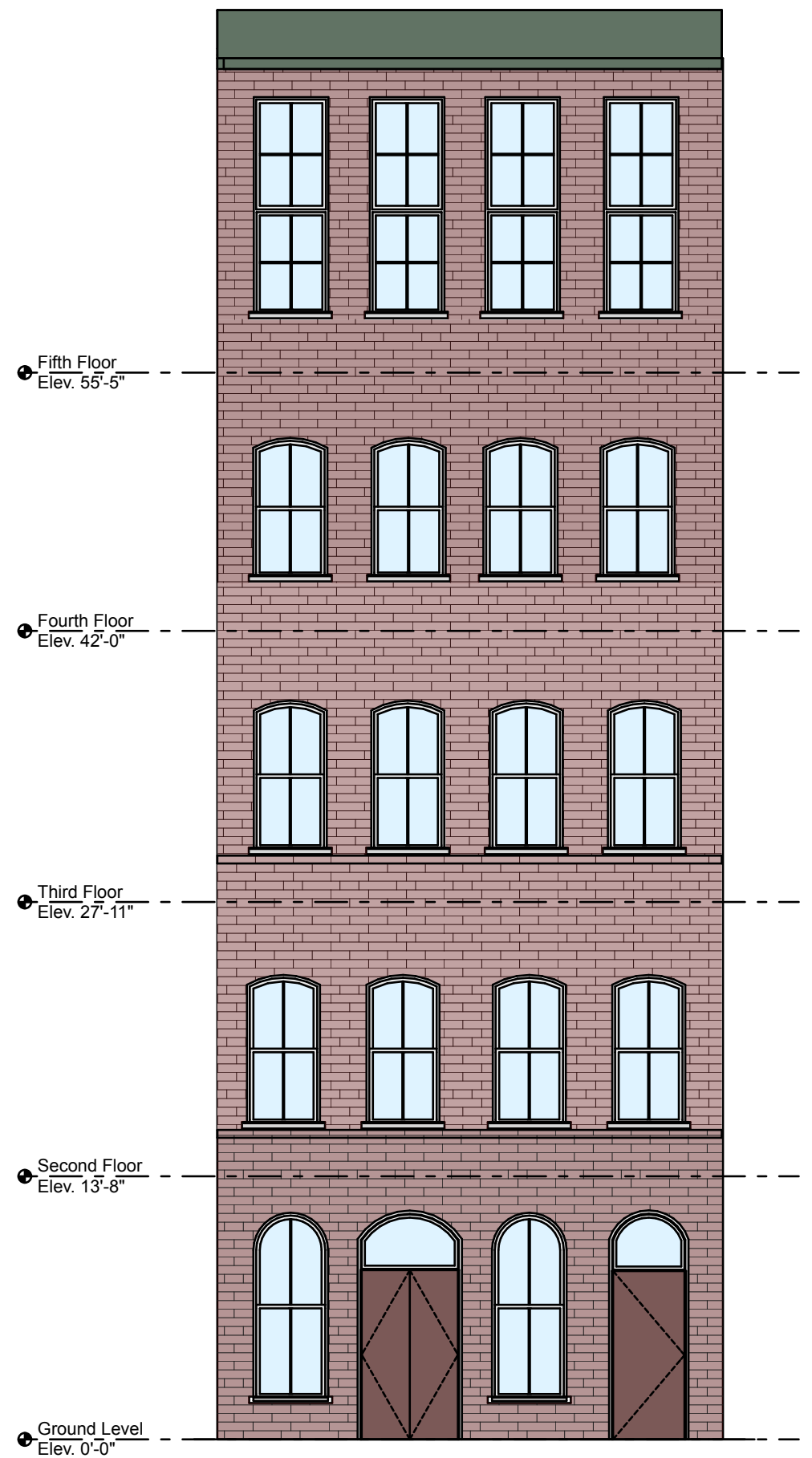
Liberty Ave. Elevation

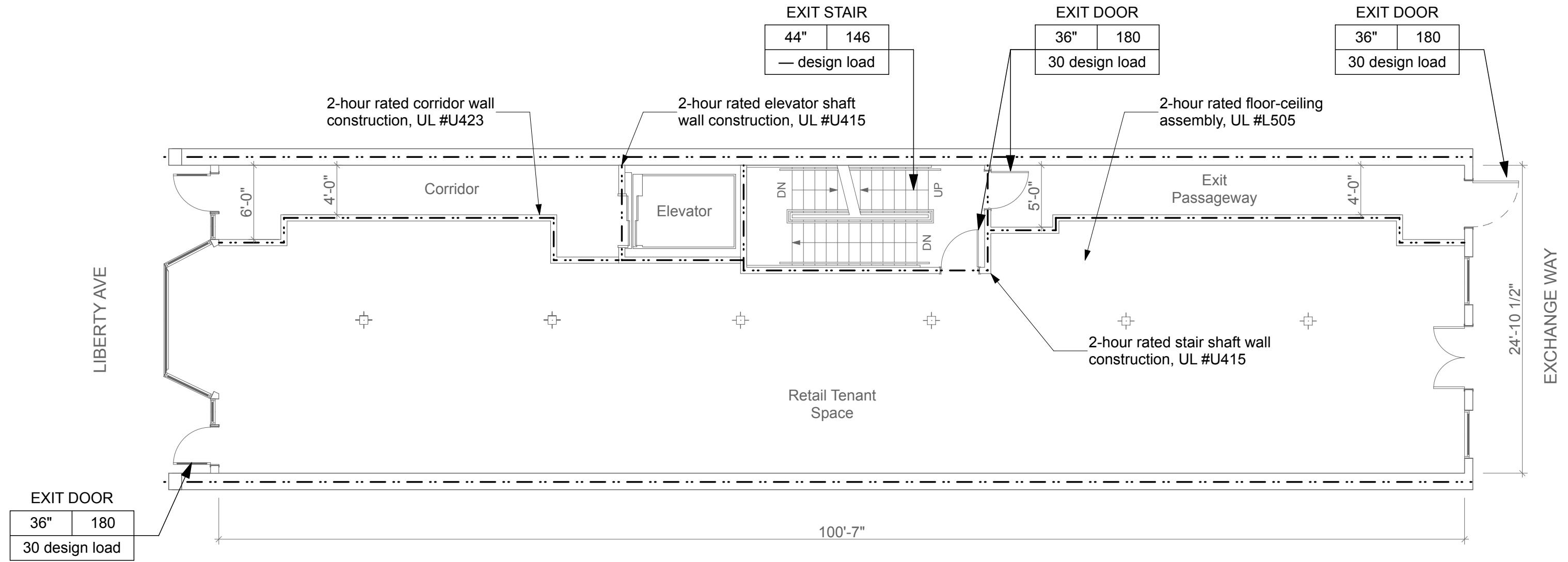
SCALE: 1/8" = 1'-0"



Exchange Way Elevation

SCALE: 1/8" = 1'-0"



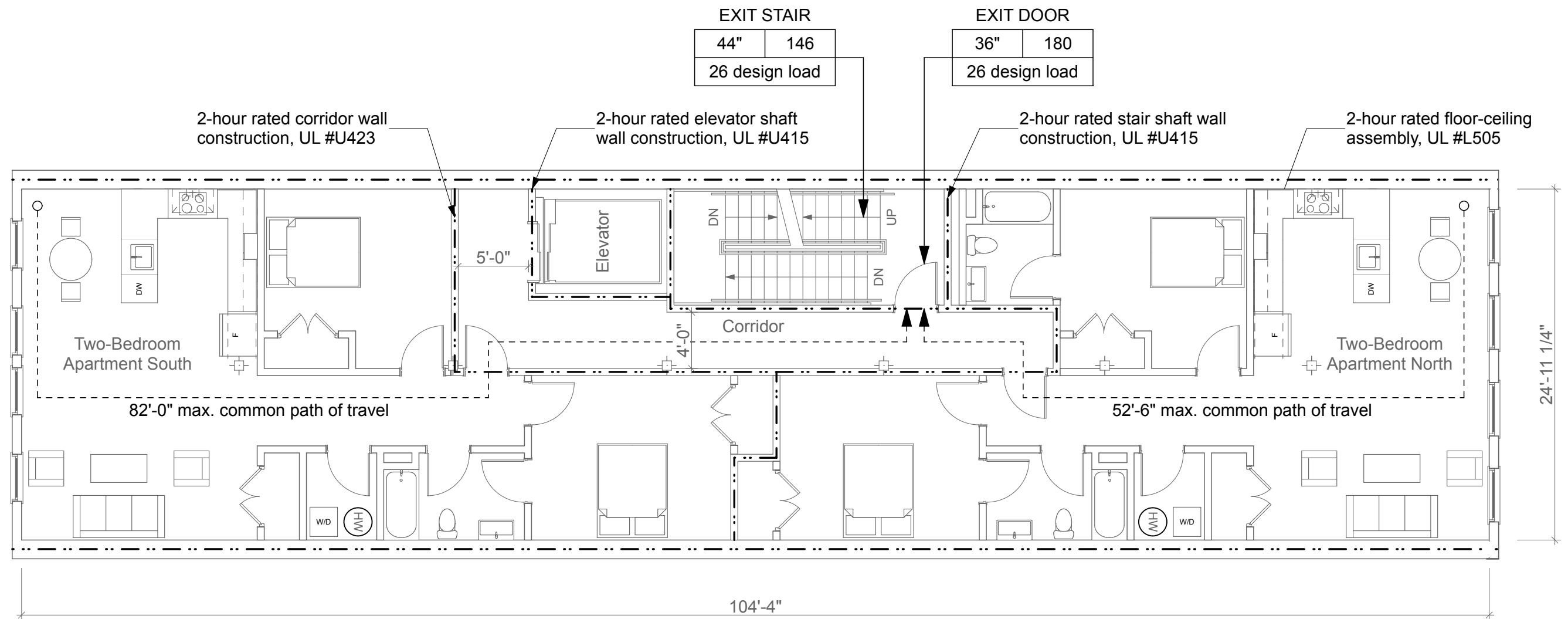


GROUP M
 2,540 sq ft total
 42 occupants @ 60 g.s.f. each

Ground Level Floor Plan: Retail

SCALE: 1/8" = 1'-0"

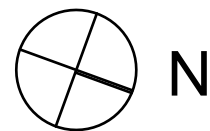


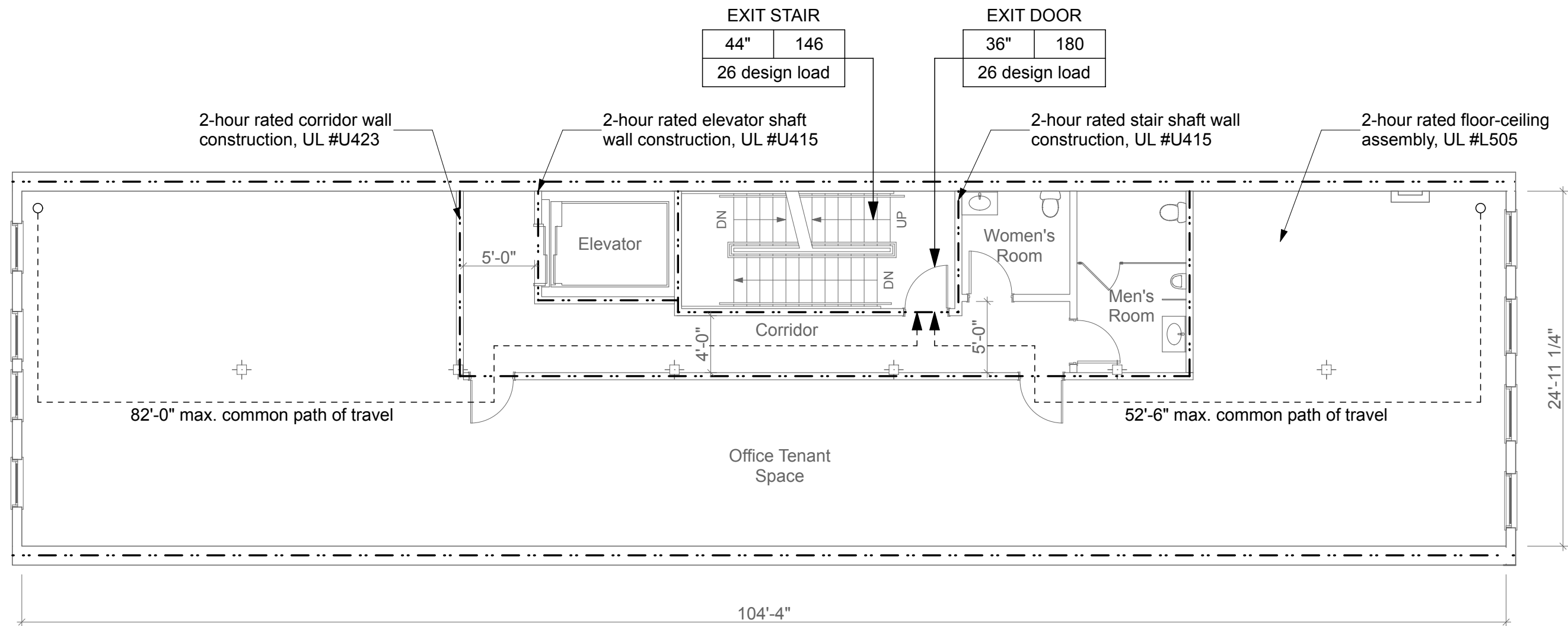


GROUP R-2:
 2,600 sq ft total area
 13 occupants @ 200 g.s.f / each

Typical Plan Floors 2-5: Apartment Option

SCALE: 1/8" = 1'-0"

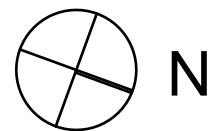




GROUP B:
 2,600 sq ft total area
 26 occupants @ 100 g.s.f / each

Typical Plan Floors 2-5: Business Option

SCALE: 1/8" = 1'-0"



Parcel ID : 0009-N-00059-0000-00
Property Address : 909 LIBERTY AVE
PITTSBURGH, PA 15222

Municipality : 102 2nd Ward - PITTSBURGH
Owner Name : 909 LIBERTY AVENUE LLC

School District :	Pittsburgh	Neighborhood Code :	51C01
Tax Code :	Taxable	Owner Code :	Corporation
Class :	Commercial	Recording Date :	3/6/2019
Use Code :	RETL/STOR OVER	Sale Date :	2/20/2019
Homestead :	No	Sale Price :	\$550,000
Farmstead :	No	Deed Book :	17538
Clean And Green	No	Deed Page :	515
Other Abatement :	No	Lot Area :	5,700 SQFT

2019 Full Base Year Market Value

2019 County Assessed Value

Land Value	\$183,600	Land Value	\$183,600
Building Value	\$145,400	Building Value	\$145,400
Total Value	\$329,000	Total Value	\$329,000

2018 Full Base Year Market Value

2018 County Assessed Value

Land Value	\$183,600	Land Value	\$183,600
Building Value	\$145,400	Building Value	\$145,400
Total Value	\$329,000	Total Value	\$329,000

Address Information

Owner Mailing : 3471 BABCOCK BLVD
PITTSBURGH, PA 15237-

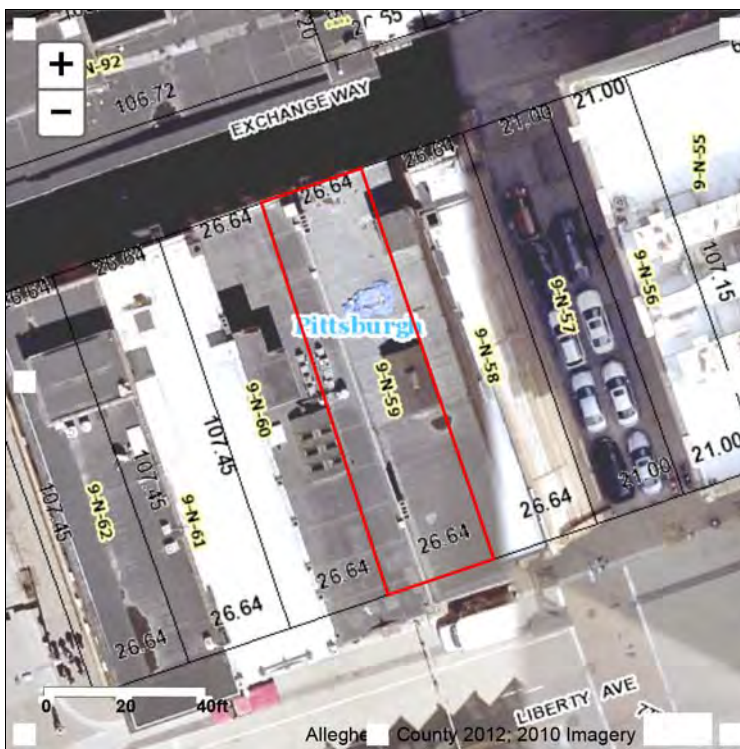
Parcel ID :0009-N-00059-0000-00
Property Address :909 LIBERTY AVE
PITTSBURGH, PA 15222

Municipality :102 2nd Ward - PITTSBURGH
Owner Name :909 LIBERTY AVENUE LLC

Data displayed on this map is for informational purposes only. It is not survey accurate and is meant to only show a representation of property lines.

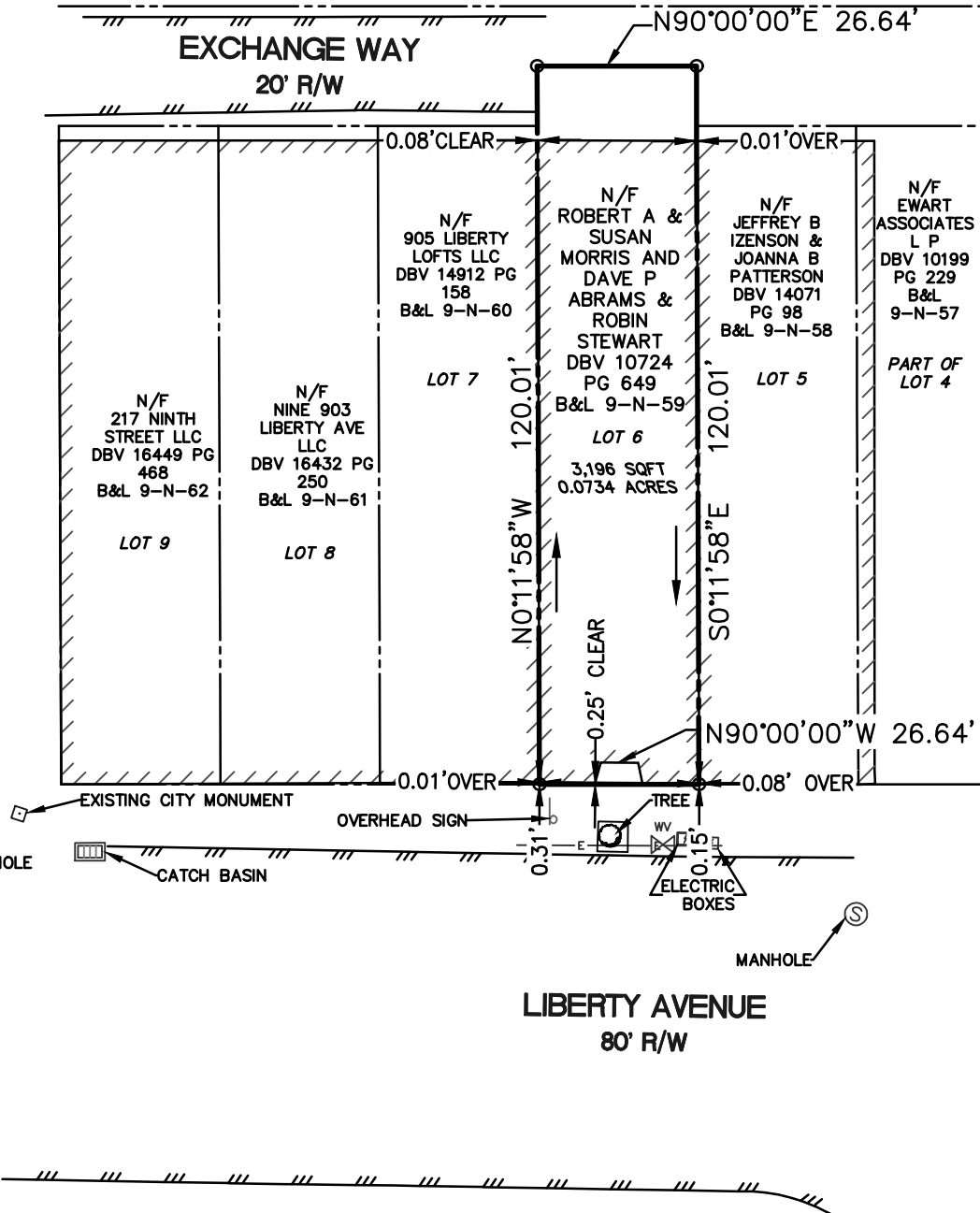
Print

Note: This button uses pop-ups. Please click help button for further printing instructions.



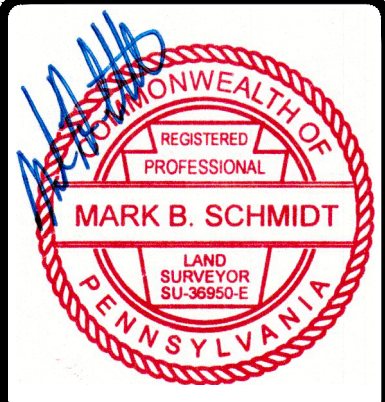
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9TH STREET
60' R/W



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Corporate Office
Etna Technical Center
35 Wilson Street, Suite 201
Pittsburgh, PA 15223
PHONE: (412) 781-9660
FAX: (412) 781-5904



CLIENT NAME: **ANTHONY WINCKO, GO GREEN CONSTRUCTION, INC.**
SUBDIVISION OF LOTS 91-94 IN THE ORIGINAL PLAN OF PITTSBURGH D.B.V 22 PG 251

PLAN NAME: **PLAN OF PROPERTY**
909 LIBERTY AVENUE, PITTSBURGH, PA 15222

PROJECT LOCATION: **2ND WARD, CITY OF PITTSBURGH, ALLEGHENY COUNTY**