PROJECT NARRATIVE DUNCAN STREET TOWNHOMES 5308-5314 DUNCAN STREET 10th WARD, CITY OF PITTSBURGH ALLEGHENY COUNTY, PENNSYLVANIA

Prepared for:
PHC CONSTRUCTION, INC.
P.O. BOX 40243
PITTSBURGH, PENNSYLVANIA 15201

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

JANUARY 2020

DESCRIPTION OF PROPOSED DEVELOPMENT

PHC Construction, Inc. is developing a lot at parcel numbers 81-A-44, 81-A-46, 81-A-45 and 81-A-47 located in the 10th Ward of the City of Pittsburgh, Allegheny County, Pennsylvania. The proposed development will facilitate the construction of four new attached four-story residential townhomes. The site is located at 5308-5314 Duncan Street in the Upper Lawrenceville neighborhood of the City of Pittsburgh. See Figure 1 for the Site Location Map.

Prior to construction of the four new units, three existing single family dwellings were demolished. According to the Federal Emergency Management Agency, the site is not within a floodway. The existing utilities include a 6-inch water line along Duncan Street. The sewer map included in the Water and Sewer Use approval letter indicated a 15-inch combination sewer line along Duncan Street but the Water and Sewer Use availability letter indicate an 18-inch sewer line along Duncan Street. Additionally, a review of the sewer line mapping available on the 3 Rivers Wet Weather Program's web site indicates that an 15-inch combination sewer line is present.

PHC Construction is proposing to construct four attached four-story residential townhomes. All buildings' sanitary lines will connect into the proposed 15-inch (or 18-inch) sewer line along Duncan Street. The proposed utilities installed outside of the proposed rights-of-way will be privately owned and maintained; proposed utilities installed within the proposed rights-of-way will be publicly owned and maintained.

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PROPOSED SANITARY DESIGN

PA DEP Code Chapter 73.17 indicates that, for townhomes, the effluent sanitary flows are 400 gallons per unit per day (1 EDU). The total sanitary flows will be 1,600 gallons per day (4 EDUs) for the 15" (or 18") pipe on Duncan Street. 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 PWSA collectors already exists along Duncan Street, a tap-in to the 15" sewer pipe is the preferred conveyance method.

STORMWATER CONVEYANCE

The total increase in impervious surface will be less than 5,000 sf. Also, the total area of disturbance will be less than 10,000 sf. As such, stormwater detention will not be required. Stormwater will be conveyed to the existing PWSA combined sewer per the approved Tap-in Plan Drawings.

PLANNING MODULE CALCULATIONS

Total Water: 1,600 GPD / 4 EDU

RESIDENTIAL:

4 Townhomes @ 400 GPD each = 1,600 GPD TOTAL RESIDENTIAL = 1,600 GPD

1,600 GPD / 400 GPD = 4.0 = 4 EDUs

Total Sewer:

RESIDENTIAL:

4 Townhomes @ 400 GPD each = 1,600 GPD TOTAL RESIDENTIAL = 1,600 GPD

1,600 GPD / 400 GPD = 4.0 = 4 EDUs

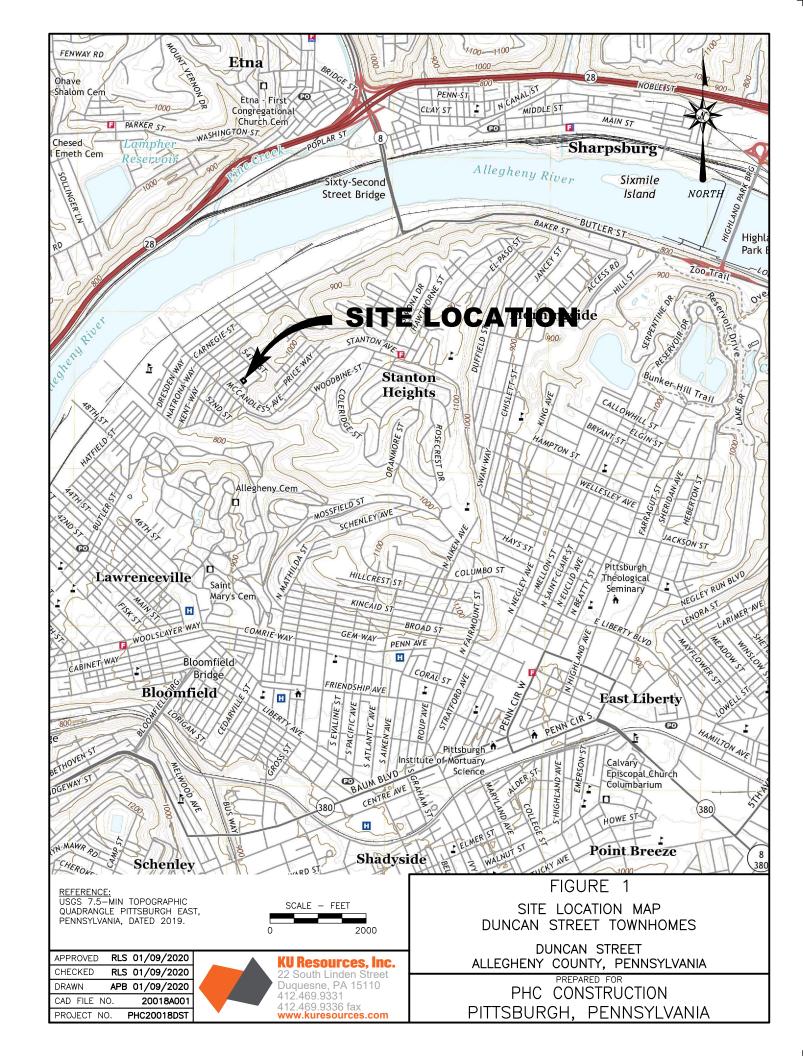
PHC20018DST 2

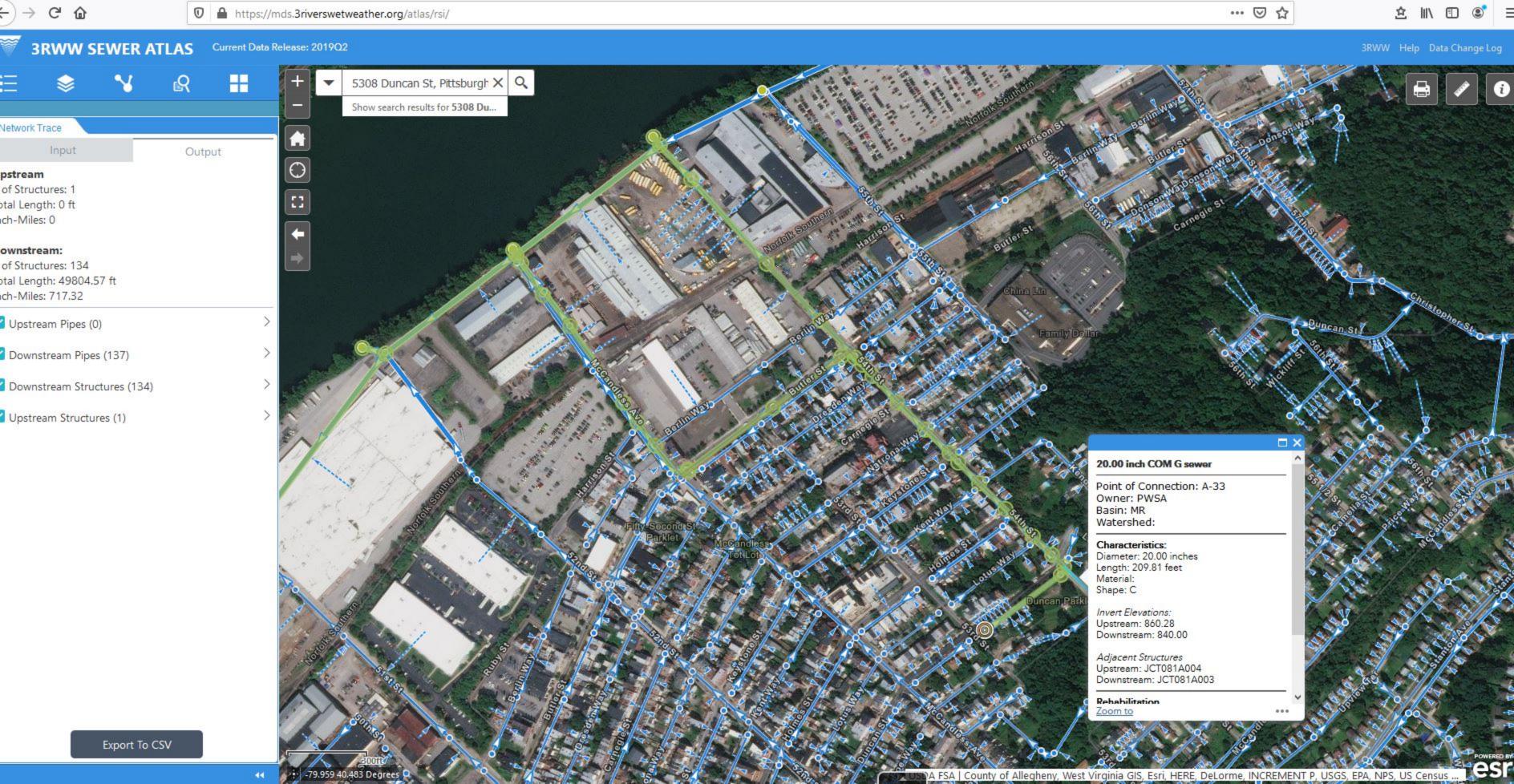
SEWAGE CONVEYANCE INFORMATION

The 4 new townhouse units will each have a sanitary connection into the public 15" (or 18") main on Duncan Street. The laterals will be on average 25 feet on the north-west side of the main. Laterals will be 6-inch PVC at a minimum slope of 2%.

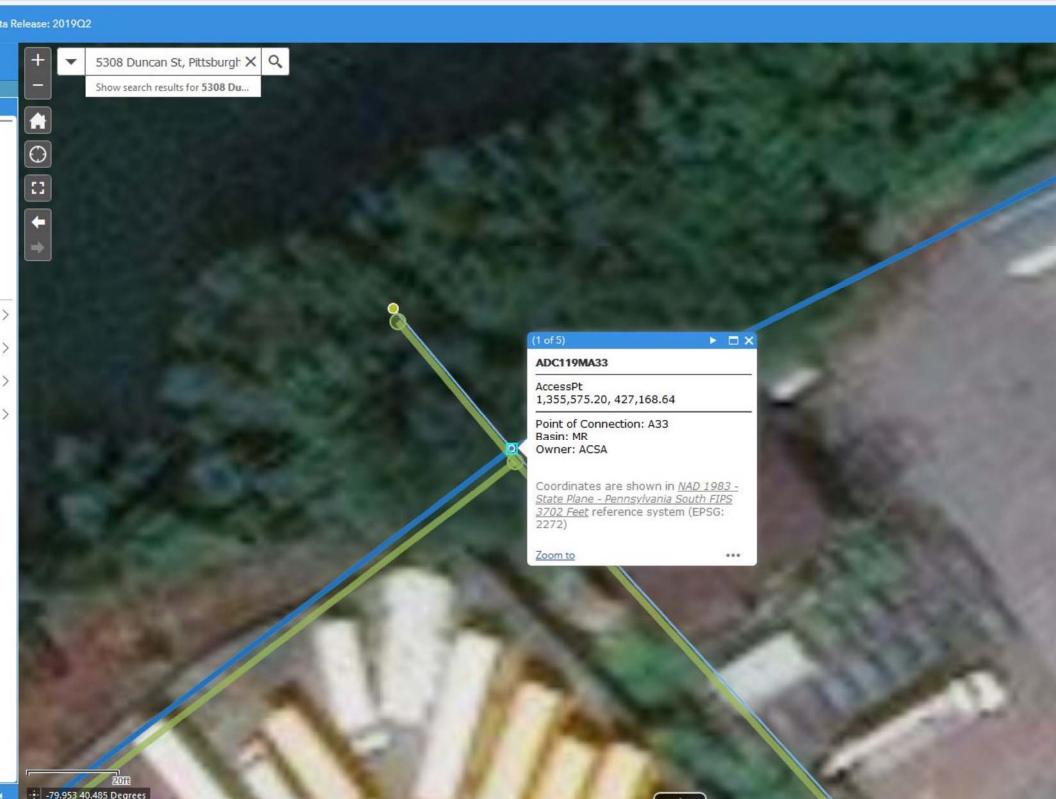
Effluent will connect at A-33 to the existing 54-inch interceptor owned by ALCOSAN. Flows will ultimately be sent to the Allegheny County Sanitation Authority (ALCOSAN) Woods Run Wastewater Treatment Plant.

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Form nennsylva	nia
pennsylvai DEPARTMENT OF ENVI	RONMENTAL

PROTECTION

1	COMMONWEALTH OF PENNSYLVANIA
	DEPARTMENT OF ENVIRONMENTAL PROTECTION
RHR	FALLOF POINT AND NON-POINT SOURCE MANAGEMENT

Code	No.

SEWAGE FACILITIES PLANNING MODULE

Component 3.	Sewage	Collection	and '	Treatment	Facilities
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(Return completed module package to appropriate municipality)

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 图.

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name Duncan Street Townhomes

2. Brief Project Description Construction of four new attached four-story residential townhomes (81-A-44, 81-A-45, 81-A-46 & 81-A-47) in the Upper Lawrenceville neighborhood of the City of Pittsburgh (10th Ward).

B. CLIENT (MUNICIPALITY) INFO	ORMATION (S	See Section B	of instructio	ns) 🔭		
Municipality Name	County		City	В	oro	Twp
10th Ward, City of Pittsburgh	Allegheny		\boxtimes			
Municipality Contact Individual - Last Name	First Name		MI	Suffix	Title	
Battistone	Martina		_			
Additional Individual Last Name	First Name		MI	Suffix	Title	
	_					_
Municipality Mailing Address Line 1		Mailing Addr	ess Line 2			
200 Ross Street		Suite 4				
Address Last Line City			State	ZIP+4		
Pittsburgh			PA	15219	1	
Area Code + Phone + Ext.	FAX (optional)		Email	(optional)		
412-255-2516						

instructions.

C. SITE INFORMATION	(See Section C of instruct	ions)	n Serveral (A.). Antonio de la Serveral (A.).		
Site (Land Development or Pr					
Duncan Street Townhomes	·				
Site Location Line 1		Site Location	n Line 2		
5308-5314 Duncan Street	01.1.	<u>,,, </u>	ID (4	1 -414	1
Site Location Last Line City Pittsburgh	State PA		IP+4 5201	Latitude	Longitude
Detailed Written Directions to S	te			,	
,					
Description of Site Site is locate	ed near the intersection of [Duncan and 53	S rd Street.		
Site Contact (Developer/Own	er)				
Last Name	First Name	MI	Suffix	Phone	Ext.
Casey	Joe			315-663-4422	<u> </u>
Site Contact Title		Site Contact I	Firm (if none	e, leave blank)	
FAX		Email			
		Joe@pennho			
Mailing Address Line 1		Mailing Addre	ss Line 2		
PO Box 40243					
Mailing Address Last Line Cit	у	State	ZIF	P+4	
Pittsburgh		PA	15	201	
D. PROJECT CONSUL	TANT INFORMATION	(See Section	D of instruc	tions)	
Last Name	First N	lame		MI	Suffix
Smith	Rober			L	
Title	Consu	ılting Firm Nan	пе		
Project Manager	KU Re	esources, Inc.		· · · · · · · · · · · · · · · · · · ·	
Mailing Address Line 1		Mailing Addre	ess Line 2		
22 South Linden Street					
Address Last Line - City	State	ZIP		Country	
Duquesne	PA	151	10	US	. =4\/
	Area Code + Phone 412-469-9331	Ext. 19		Area Code - 412-469-93	
E. AVAILABILITY OF D	Contract the Contract of Atlanta and Atlanta of Contract of the Contract of th	Secretary of the second of the second			
	ed with drinking water from		source: (Ch	eck appropriate box)	
☐ Individual wells or cis		J	•		
☐ A proposed public wa					
An existing public wa				•	
- •	er supply is to be used, pro	vide the name	of the water	er company and attac	h documentation
from the water comp	any stating that it will serve	the project.		i.	
Name of water comp	any: Pittsburgh Water & S	ewer Authority	Totalista in the first	The state of the s	ganga and gangaran ang a
A TAXABLE AND A TAX ON THE PARTY OF STREET AND	IVE (See Section F of inst				
A narrative has been	prepared as described in S	Section F of the	instruction	s and is attached.	

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

3.		OPOSED WASTEWATER DISPOSAL FACILITIES (See Section G of instructions)
	serv	ck all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's red. This information will be used to determine consistency with Chapter 93 (relating to wastewater treatment irrements).
	1.	COLLECTION SYSTEM
		a. Check appropriate box concerning collection system
		☐ New collection system ☐ Pump Station ☐ Force Main
		☐ Grinder pump(s) ☐ Expansion of 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 4
		Connections 4
		Name of:
		existing collection or conveyance system 54th Street - 20" VCP
		owner <u>Pittsburgh Water & Sewer Authority</u> existing interceptor <u>Allegheny River</u>
		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 2590854 DA 0025989
		Clean Streams Law Permit Number
		Location of discharge point for a new facility. LatitudeLongitude
		 The following certification statement must be completed and signed by the wastewater treatment facility permitee or their representative.
		As an authorized representative of the permittee, I confirm that the <u>ALCOSAN</u> (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
		Name of Responsible Agent Mud D. Luller
		Agent Signature Date 3 18 2020
		(Also see Section I. 4.)

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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.
- Existing and proposed buildings, streets, roadways, access roads, etc.

- Any designated recreational or open space area.
- Wetlands from National Wetland Inventory Mapping and USGS Hydric Soils Mapping.
- 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.
- 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.		\boxtimes	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.	PR	IME A	AGRIC	ULTURAL LAND PROTECTION
	ΥE	S	NO	
			\boxtimes	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.	HIS	STOR	IC PRE	ESERVATION ACT
	YE	S	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 "technica quidance"). 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.

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 https://www.naturalhentage.state.ps.us , and all required supporting documentation is attached. I requise tDEP staff to complete 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 In 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 and is attached to this component. 1. COMPLIANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See Section Jof.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 33.4c, is attached. 2. Pennsylvania Waters Designated As Impaired 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 waters. A pre-planning meeting was			ROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES k one:
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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 permitee. The permitee 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			A pre-planning meeting was held with the appropriate DEP regional office staff to discuss effluent
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Initials of Responsible Agent (See Section G 2.b)			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 permitee. The permitee 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.

watershed requirements.

. 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 1,600 gpc
- 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	8632949	30215320	68891	241117	72815	254853	
Conveyance		1.54 mgd	124 00090	161,000 and	125,240	162,000 gt	
Treatment	216.1 mg	250 mit	216 laux	250m	702911	250 ml	

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,
	\not

a.

b.

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.

Co	llection System	ì						
Na	me of Agency,	Authority, Mu	nicipality Pittst	ourgh Water &	Sewer Author	ity		
	me of Respons		Bus k	Aug ?	55	1		
	ent Signature _	12		4 	Date	2/0	12020	
, ,9	ont Oignataro _		A			-	7	

☐ J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)
c. Conveyance System
Name of Agency, Authority, Municipality <u>ALCOSAN</u>
Name of Responsible Agent, Much blutte
Agent Signature
Date 3 18 2020
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
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
Agent Signature
Date3\18\2020
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.
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.

	1. DETA	ILED HYDROGEOLOGIC STUDY (See Section N of instructions)
	☐ The	detailed hydrogeologic information required in Section N. of the instructions is attached.
Ο.	SEWA	GE MANAGEMENT (See Section O of instructions)
		oletion by the developer(project sponser), 4-5 for completion by the non-municipal facility agent and ition by the municipality)
1.		Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed.
	to assu	espond to the following questions, attach the supporting analysis, and an evaluation of the options available re long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the ler of Section O.
2.	Project	Flows gpd
	Yes	No
3.		Is the use of nutrient credits or offsets a part of this project?
		attach a letter of intent to puchase the necessary credits and describe the assurance that these credits and will be available for the remaining design life of the non-municipal sewage facility;
(For	complet	ion by non-municipal facility agent)
4.		on and Conveyance Facilities
		estions below are to be answered by the organization/individual responsible for the non-municipal collection inveyance facilities. The individual(s) signing below must be legally authorized to make representation for the ation.
	Ye	
	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?
		s, this sewage facilities planning module will not be accepted for review by the municipality, delegated local accepted for DEP until this issue is resolved.
	belov servi	r, a representative of the organization responsible for the collection and conveyance facilities must sign w to indicate that the collection and conveyance facilities have adequate capacity and are able to provide the proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not 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

3800-FM-BPNPSM0353 Rev. 2/2015 Form

5.	Tre	atment Fa	ility			
			below are to be answered by a representative of the facility permittee. The individual signing below 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?			
			is planning module for sewage facilities will not be reviewed by the municipality, delegated local nd/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 o	Facility			
		Name o	Responsible Agent			
		Agent S	nature			
		Date				
(For	com	pletion b	the municipality)			
6.			ECTED OPTION necessary to assure long-term proper operation and maintenance of the proposed cipal facilities is clearly identified with documentation attached in the planning module package.			
P.	PU	BLIC N	TIFICATION 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 pub	complete	this section, each of the following questions must be answered with a "yes" or "no". Newspaper 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 <i>new</i> 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 co	ont'd. (See Section P of instructions)				
9. Does the project involve the use of la gpd)?	rge volume onlot sewage disposal systems (Flow > 10,000				
	a conflict between the proposed alternative and consistency), (ii), (iii)?				
11. 🔲 🛛 Will sewage facilities discharge into high					
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	n Q of Instructions)				
	e and correct to the best of my knowledge, information and nt are made subject to the penalties of 18 PA C.S.A. §4904				
Adam Ballish	adams Bellech				
Name (Print)	Signature				
Engineer Title	<u>0 /d /2020</u> Date				
22 South Linden Street, Duquesne, PA 15110	4124699331				
Address					
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 an DEP's review of my project will not begin until DEP received.	nd send me an invoice for the correct amount. I understand wes 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 \$200 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				
	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.

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:
 - \$ 1,500 per submittal (non-municipal)
 - \$ 500 per submittal (municipal)
 - B. An increase in an existing surface discharge will use:

```
#_____ 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:
 - \$ 1,500 per submittal (non-municipal)
 - \$ 500 per submittal (municipal)



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DEP	Code #:	
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		11120

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

	one (сору	or: To expedite the review of your proposal, one copy of your completed planning module of this <i>Planning Agency Review Component</i> should be sent to the local municipal planning ats.			
SECTION A.	SECTION A. PROJECT NAME (See Section A of instructions)					
Project Name Duncan Stree		nhon	nes			
SECTION B.	RE	VIEV	V SCHEDULE (See Section B of instructions)			
1. Date plan	recei	ived b	by municipal planning agency 1-20-20			
2. Date revi	ew co	mple	ted by agency 2-5-20			
SECTION C.	AG	ENC	Y REVIEW (See Section C of instructions)			
Yes N	Ž,		Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, et seq.)?			
		2.	Is this proposal consistent with the comprehensive plan for land use?			
//\			If no, describe the inconsistencies			
X C		3.	Is this proposal consistent with the use, development, and protection of water resources?			
79 Min			If no, describe the inconsistencies			
ÞÁ C	ב	4.	Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation?			
	X	5.	Does this project propose encroachments, obstructions, or dams that will affect wetlands?			
			If yes, describe impacts			
		6.	Will any known historical or archaeological resources be impacted by this project?			
	`		If yes, describe impacts			
	X(7.	Will any known endangered or threatened species of plant or animal be impacted by this project?			
			If yes, describe impacts			
		8.	Is there a municipal zoning ordinance?			
这 。 [9.	Is this proposal consistent with the ordinance?			
			If no, describe the inconsistencies			
K 🗖	Ŕ	10.	Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance?			
		11.	Have all applicable zoning approvals been obtained?			
t2X		12.	Is there a municipal subdivision and land development ordinance?			

SECTION	C.	AGEN	CY REVIEW (continued)
Yes	No		
\X		13.	Is this proposal consistent with the ordinance?
			If no, describe the inconsistencies
×		14.	Is this plan consistent with the municipal Official Sewage Facilities Plan?
		,	If no, describe the inconsistencies
	×	15.	Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
			If yes, describe
	X	16.	Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
			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 Pathstone Title: Jenier environmental planner Signature: Meallett Date: 2-5-20 Name of Municipal Planning Agency: Pitts burgh Dept. City Planning Address 200 Ross St. 4th Floor Pittsburgh, pA 15212 Telephone Number: (412) 255-2516
SECTION	D.	ADDIT	ONAL COMMENTS (See Section D of instructions)
This composite of the prop	onent osed	does n plan to	ot limit municipal planning agencies from making additional comments concerning the relevancy other plans or ordinances. If additional comments are needed, attach additional sheets.
The planni	ng ag	ency m	ust complete this component within 60 days.
This comp	onent	and an	y additional comments are to be returned to the applicant.



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DEP Code #:	_
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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 <i>Planning Agency Review Component</i> 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
Duncan Street Townhomes
SECTION B. REVIEW SCHEDULE (See Section B of instructions)
Date plan received by county or joint county health department <u>April 23, 2020</u>
Agency name Allegheny County Health Department (ACHD)
Date review completed by agency April 27, 2020
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 wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe
☐ 3. Is there any known groundwater degradation in the area of this proposal?
If yes, describe
The county or joint county health department recommendation concerning this proposed plan is as follows: ACHD recommends approval. See attached letter.
Name, title and signature of person completing this section:
Name: Freddie Fields
Title: Environmental Health Engineer III
Signature: Jesselli Gulos
Date: April 27, 2020
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: **Duncan Street Townhomes**Date of Review: 1/13/2020 01:05:29 PM

Project Category: Development, New commercial/industrial development (store, gas station, factory)

Project Area: **0.17 acres** County(s): **Allegheny**

Township/Municipality(s): PITTSBURGH

ZIP Code: 15201

Quadrangle Name(s): PITTSBURGH EAST Watersheds HUC 8: Lower Allegheny

Watersheds HUC 12: Allegheny River-Ohio River

Decimal Degrees: 40.480125, -79.948970

Degrees Minutes Seconds: 40° 28' 48.4512" N, 79° 56' 56.2921" W

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

Duncan Street Townhomes



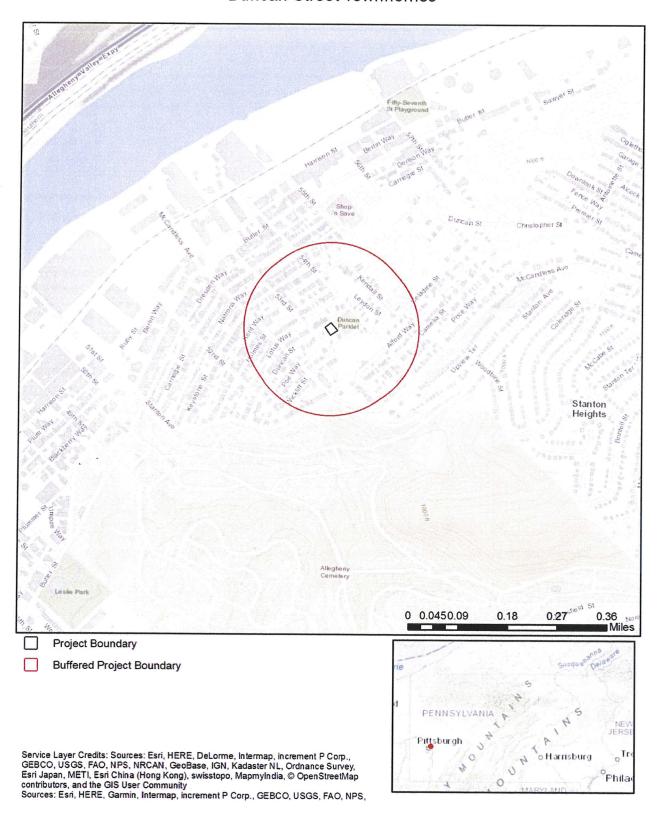
Project Boundary

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, Gamin, (c) OpenStreetMap contributors, and the GIS user community



Duncan Street Townhomes



RESPONSE TO QUESTION(S) ASKED

Q1: The proposed project is in the range of the Indiana bat. Describe how the project will affect bat habitat (forests, woodlots and trees) and indicate what measures will be taken in consideration of this. Round acreages up to the nearest acre (e.g., 0.2 acres = 1 acre).

Your answer is: No forests, woodlots or trees will be affected by the project.

Q2: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

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:

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

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:

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

U.S. Fish and Wildlife Service RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

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

PA Fish and Boat Commission

1 1

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

12 11 1

applicant/project proponent signature

7. PROJECT CONTACT INFORMATION

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 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

Name: <u>Adam Dallish</u>	
Company/Business Name: KD Resources, com	
Address: 22 South Links Street	
City, State, Zip: Dughesne, Penasolvania, 15110	
Phone: (41) 164 9331 Fax: (41) 164 9336	
Email: Aballish & Kurcsources.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	ect 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.	TOVICAN

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarly 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 obtained information in areas where Base Flood Elevations (BFEs) and/or Roodways have been determined, users are encouraged to consult to the property of the p 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 flood/plain management.

OV Norm American Versical Datum of 1989 (VAVD 68), Users of the First should be aware that costast food elevations, see also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for the princicion. Development in the Summary of Stillwater Elevations tables should be used for construction and/or Roudplain management purposes when they are higher than the elevations shown on the FIRMs.

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.

The projection used in the proporation of this map was State Plane Pennsylvania south zone (PPSZONE 3700). The horizontal datum was NAD 83, GRSGO the proposition of TITMS for expensive production of TITMS for expensive productions only result in significant differences in map features across jurisdiction boundaries. These differences do not affect the source of the TITMS.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to situation and ground elevations referenced to the same vertical distant. For information regarding conversion between the fishional Geodetic Vertical Distant of 1929 and the North American Vertical Datum of 1969, visit the National Geodetic Geodetic Vertical Regulation (Control of the National Geodetic Survey at the following Geodetic Survey at

NGS Information Services NGAA, NNGS12 National Geodetic Survey SSMC-3, #9292 1315 East-West Highway Sher Spring, Maryland 20910-3382 (301) 713-3242

Base map information shown on this FIRM was provided in digital format by the Alleighery County Geographic Information Systems Group. This information was photogrammetrically compiled at a scale of 1.2,400 from serial photography dated

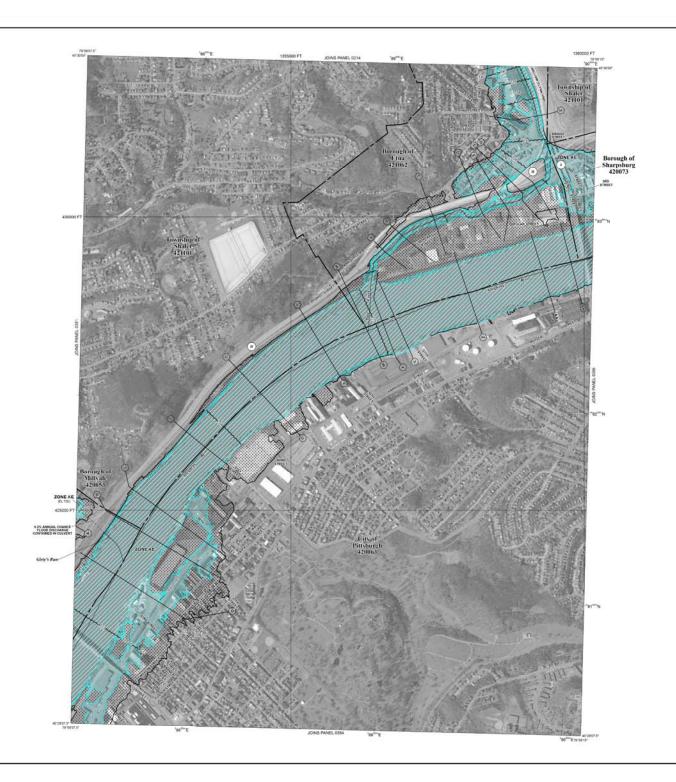
This map refects more detailed and up-to-date stream channel coeffigurations than those shown on the previous FRM for this prind-don. The fixoglasms and fixodways that series transferred from the previous FRM may have been adjusted to conform to these new stream channel configurations. As a result, the Fixod Previous RAM provided to conform to the Profess and Fixodway (Data basies in the Fixod Imparcing Cable My Report (Institution authoritative hydraucil data) may reflect stream channel distances that offer 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 obcurred 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 tetring of the panels on which each community is located.

For information on available products associated with this FIPM visit the Map Service Center (MSC) website at https://mcs.tema.cog. Available products may include previously search Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Marry 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 (FMX) at 1-97-FEMA-MAP (1-1-97-336-2627) or visit the FEMA website at http://www.fema.gox/Susiness/crtip.





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

The INs annual fixed (100-year fixed), also brown as the base-fixed, is the fixed that has a 1% there or being equaled or exceeded in any gaven year. The Special Flood instead Axes is the area subject to flooding by the 1% manual chance flood. Axes of Special flood instead Axes is the James A, AE, AH, AO, AR, AR, Y, Y, and VE. The Base Flood Elevation is the water-surface elevation of the 1% in-small chance floor.

ZONE A No flave Food Devotions Asternaned

ZONE AH

Flood depths of 1 to 3 fleet (usually areas of ponding); Sase Flood Elevations determined.

Fixed depths of 1 to 3 feet (usually sheet flow on sloping terraint); average depths determined. For areas of alluval fan flooding, selection also ZONE AR

determined. Special Flood Hazard Area formerly protected from the 2% annual chance flood by a flood contral system that was subsequently decertified. Zone AR molecules that the former flood contral system is being residend to provide protection from that 5% annual chance or greater flood.

Area to be protected from 1% annual chance food by a Federal flood protection system under construction; no Base Plood Elevations

Coestal flood one with velocity hazard (wave action); no Sase Flood Devacors determined. Classe food zone with velocity hazard (were action); Base Flood Develocing determinated.

FLOCOWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

OTHER AREAS

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

I'lls amount chance froodpain, boundary 0.2% annual chance floodplain boundary

Zone D boundary

Boundary dividing Special Flood Hazard Area Zones and Doundary dividing Special Flood Hazard Areas of different Base Flood Elevations, food depths or flood velocities.

..... ~~ 513~~~

See Road Elevation value where uniform within zone, elevation in feet.* * Referenced to the North I road Danum of 1988

Geographic coordinates referenced to the forth American Datum of 1963 (NAD 83), Western Hemisphere 87'07'45", 32"22'30" 1000-meter Universal Transverse Hercator grid values, some 17%

5000-flot grid values: Pennsylvania State Plane coordinate system, South zone (F3P520ME 3762), Lambert Conformal Conc 600000 FT

DX5510 -• M1.5

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. Hap Heliony table located in the Road Enturence Study report for this jurisdiction. To determine if flood insurance is evaluate in this community, contact your Insurance seem or call the National Flood Insurance Program at 1-900-038-6638.



MAP SCALE 1" = 500" 250 5 500 1000 CHICKET THE TEXT



tokice to User. The Map Number shows better should be used when placing map outers, the Community Number troom above should be used on reunance appropriate for the



[FIL.000]D

MAP NUMBER 42003C0352H MAP REVISED SEPTEMBER 26, 2014

Federal Emergency Management Agency

2 SECOND FLOOR PLANS A1-1 SCALE: 3/16" = 1'-0"

PLAN KEYNOTES

- 1 36" TALL LJ. SMITH STAIR SYSTEM OR SIMILAR AS FOILOWS: U-4392 NEWEL IN BEECH, TOP AND BOTTOM, U-6701 HANDRAIL IN WALNUT, UP-20158 BALUSTERS IN BEECH, SPACE BALUSTERS MAX 5" O.C.
- 2 WALNUT HANDRAIL W/ NICKEL BRACKET-SCREW TO STUDS TO MEET 300.8 LOAD-STAIN & SEAL MOUNT @ 36* AFF
- [4] TILE SHOWER: FLOOR TO BE CERAMIC TILE OVER THINSET MORTAR AND SHOWER PAN UNER. INSTALL MORTAR BED ABY. & BLW. LINER, INSTALL MORTAR BED ABY, & BLW.
 LINER SLOPING FLOOR TO DRAM, MIN 1-1;
 FULLY ADHERE LINER TO BITM. MORTAR BED.
 CAULK WY SILCONE & DRAM & EDGES. W. 3
 CERAMIC TILED WALLS TO THE CELING, USE
 DRYS SHELD BACKER BOAD OR COVER
 CEMENT BOADO WITH BRUSH ON WATER
 PROOPING FT EIRP, GL DOOR & PNL W/
 CHROME HARDWARE.
- S VANITY CABINET W/ STONE OR QUARTZ TOP (UNDER MOUNT SINIO
- 6 16x14 PRE-FAB + FLASHED SHOWER NICHE
 TILE WITH ACCENT TILE
 7 ROD & SHELF
- 8 5 -ADJUSTABLE SHELVES
- WASHER STANDPIPE BOX
- [9] WASHER STANOPIE BOX
 [10] DAYER BOX-DUCT TO EXTERIOR W/ 4**
 DUCT W/ DAMPEREO WEATHER CAP
 [13] SO GAL, GAS REBED POWER VENT HOT WATER
 HEATER, INSULATE ALL HOT WATER LINES W/
 R-3 PIPE INSULATION ALL DOMESTIC WATER
 LINES TO BE PEX, PROVIDE SHUT-OFFS AT
 ALL RIXTURES; OVERFELOW PAIN UNDER UNIT,
 INSTALL EXPANSION TANK
- 18 30% EFF. GAS PRED FURNACE VARIABLE SPEED BLOWER AND MODULATION BURNER-PROVIDE 2 ZONE DAMPERS & 2 PROGRAMMABLE TSTATS (VENT APPLIANCE WITH SCH 40 PVC W/ CONCENTIFIC VENT AT EXTERIOR, PROVIDE FRESH JAR AS REQ'D. BY CODE AND ASHRE STANDARDS)
- [13] IS SEER A/C CONDENSING UNIT SET ON PRE-FAB CONC. BASE (DX COIL INSTALLED ON FURNACE)
- 14 WASHER OVERFLOW PAN
- [15] WASHER OVERLOW PAIN
 [25] TRANSCEND COMPOSITE DECIDING BY TREX
 OVER 2X SLEEPERS © 16" O.C. AND .50 MIL.
 RRINE, FULLY ADHERDE DPOM MEMBRANE
 (FIRESTONE RUBBERGUARD MAX OR SIM)
 INSTALL OVER TAPERS IN INSULATION.
 ATTACH DECIDING WY CONCEALED
 FASTENERS, CLIPS + S.S. SCREWS.
- 16 KITCHEN CABINETS W/ STONE OR QUARTZ TOP (UNDER MOUNT SINK)
- [17] FIBERGLASS TUB W/ 3 CERAMIC TILED WALLS TO THE CEILING, USE DENS SHIELD BACKER BOARD OR COVER CEMENT BOARD WITH BRUSH ON WATER PROOFING, * TEMPERED GL DOOR + PNL W/ CHROME HARDWARE
- 18 42" TALL ALUM. RAILING SYSTEM PICKET SPACES LESS THAN 4" APART, CLEAR

PARTITION/CEILING KEY:

INTERIOR RATED WALL: 1/4" TYPE "X" GWB OVER 2X4 WD STUDS @16" O.C. (UL U305) NOTE: ANY MECH CHASES THAT PENETRATE RATED CONSTRUCTION SHALL BE DS01 AS APPROPRIATE, ALL DUCTS PENETRATING RATED CONSTRUCTION TO HAVE FIRE DAMPERS MEETING UL555 FOR

_____ 5/8" GWB EACH SIDE OVER 2X4 WD STUDS

(1) LAYER OF %" TYPE "X" GWB CEILING (I) LAYER (

EXTERIOR WALLS:

2x6 STUDS @ 16* O.C. W/ EXTERIOR SHEATHING AND CLADDING. & GWB INTERIOR, FILL STUD CAVITY WITH FIBERGLASS BATT INSUL SEE WALL SECT. FOR ADD. DETAILS

2x6 STUDS @ 16" O.C. W/ EXTERIOR SHEATHING AND CLADDING & GWB INTERIOR FILL STUD CAVITY WITH
FIBERGLASS BATT INSUL SEE WALL SECT,
FOR ADD, DETAILS, MEETS UL FIRE RATING

SUPERIOR WALL SYSTEM W/1 LAYER %* GWB
ATTACHED TO STUDS, MEETS 1 HR FIRE RESISTANCE RATING.



2006 noble street pittsburgh, pa 15218 412-342-8338 USA WHITNEY, RA

MAY 22, 2019

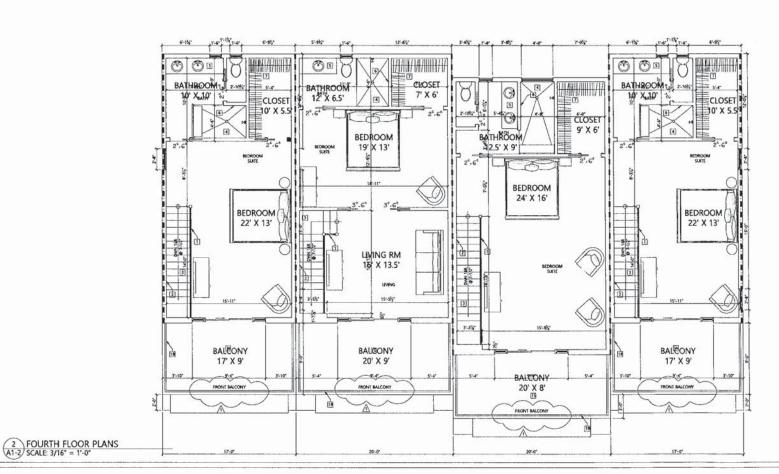
REISSUE DATES: ↑ A MAY 30, 2019



PA PITTSBURGH DUNCAN TOWNHOMES 5314, 5312, 5310 + 5308 ST,

FLOOR PLANS

A1-1



LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUF	MODEL #	LAMPS		
SYMBOL					TYPE	REMARKS
Q	SUSPENDED PENDENT LIGHT	TBD	150,00 ALLOWANCE		_	COMPACT FLUORESCENT OR LED BULB
	NUTONE 791 LED NT			-		ENSURE 75 CFM/PLUMBING FIXTURE IS PROVIDED DUCT TO EXTERIOR W/ DAMPERED CAP
₽,	SURFACE MOUNTED WALL SCONCE	тво	100.00 ALLOWANCE		LED OR 19W FLOR.	MOUNT @ 80" A.F.F. USE CONTEMP. CYL. FMVCCL 24 IN MVOLT 30K 90 CRI
O,	RECESSED IC DOWN LIGHT	LITHONIA	4JBKADJ 27K 90 CRI MW	-	LED	IC AIR SEAL RATED ENC.
X	CEILING FAN	TBD	150.00 ALLOWANCE	_	LED	
emeg	UNDER CABINET LED LIGHTING	TBD			LED	

REFLECTED CEILING PLAN NOTES:

- 1. ALL WORK SHALL COMPLY WITH NFPA, ICC, AND ALL LOCAL CODES, INSTALL PER MANUFACTURES RECOMMENDATION
- 2. DRAWINGS ARE DIAGRAMMATIC. THE INSTALLER WILL PROVIDE ANY ADDITIONAL INFORMATION AS REQUIRED.
- 3. LIGHTING FIXTURES INCLUDED IN SCHEDULE ARE FOR THE PURPOSES OF CALCULATING ENERGY USE, OWNER SHALL MAKE FINAL SELECTIONS INCLUDING FINISH AND MOUNTING, SELECTIONS MUST UTILIZE THE SAME LAMPING & NUMBER OF LAMPS SHOWN OR BETTER (MORE EFFICIENT.)
- 4. WHERE SMOKE DETECTORS ARE REQUIRED PER THE BUILDING CODE SUMMARY, THEY ARE TO BE HARDWIRED



2006 noble street pittsburgh, pa 15218 412-342-8338 LISA WHITNEY, RA

MAY 22, 2019





PLAN KEYNOTES

- 36" TALL LJ, SMITH STAIR SYSTEM OR SIMILAR AS FOLLOWS: LJ-4392 NEWEL IN BEECH, TOP AND BOTTOM, LJ-6701 HANDRAIL IN WALNUT. LJP-2018 BALUSTERS IN BEECH, SPACE BALUSTERS MAX 5" O.C.
- WALNUT HANDRAIL W/ NICKEL BRACKET-SCREW TO STUDS TO MEET 300LB LOAD-STAIN & SEAL MOUNT @ 36" AFF
- 3 SHOP BUILT WD. STEPS. OAK TREADS W/
- 4 TILE SHOWER: FLOOR TO BE CERAMIC TILE OVER THINSET MORTAR AND SHOWER PAN LINER, INSTALL MORTAR BED ABY, & BLW. LINER INSTALL MORTAR BED ABY, & BLW.
 LINER SLOPING FLOOR TO DRAIN, MIN [1-1];
 FULLY ACHERE LINER TO BITHM, MORTAR BED,
 CAULK MY, SILKCONE ® DRAIN & EDGES, AND
 CERAMIC TILED WALLS TO THE CEILING, USE
 DENS SHELD BACKER BOADD OR COVER
 CEMENT BOARD WITH BRUSH ON WATER PROOFING * TEMP, GL. DOOR & PNL. W/ CHROME HARDWARE.
- S VANITY CABINET W/ STONE OR QUARTZ TOP (UNDER MOUNT SINK)
- 6 16x14 PRE-FAB + FLASHED SHOWER NICHE + TILE WITH ACCENT TILE 7 ROD & SHELF
- 8 5 -ADJUSTABLE SHELVES
- | 8 | 5 ADJUSTABLE SHELVES |
 | WASHER STANDPIPE BOX |
 | 10 DRYCE BOX DUCT TO EXTERIOR W/ 4*# |
 | DLYCT W/ DAMPERED WEATHER CAP |
 | 11 SO GAL, GAS FIRED POWER VENT HOT WATER HEATER, INSULATE ALL HOT WATER LINES W/ R-3 PRE INSULATION (ALL DOMESTIC WATER LINES TO BE PEX, PROVIDE SHUT-OFFS AT ALL RETURES OVERFEIOW PAN UNDER UNIT, INSTALL EXPANSION TANK
 | 18 STALL EXPANSION TANK |
 | 18 STALL EXPANSION TANK |
 | 19 WASHER STALL S
- INSTALL EXPANSION TANK

 [12] 90% EFF, GAS FIRED FURNACE VARIABLE
 SPEED BLOWER AND MODULATION BURNERPROVIDE 2 ZONE DAMPERS & 2
 PROGRAMMABLE T.STATS (VENT APPLIANCE
 WITH SCH 40 PVC W/ CONCENTRIC VENT AT EXTERIOR (PROVIDE FRESH AIR AS REQ'D, BY CODE AND ASHRE STANDARDS)
- 13 15 SEER A/C CONDENSING UNIT SET ON PRE-FAB CONC. BASE (DX COIL INSTALLED ON FURNACE)
- 14 WASHER OVERFLOW PAN 15 TRANSCHOOL COMPOSITE DECKING BY TREX
 15 TRANSCHOOL COMPOSITE DECKING BY TREX
 15 TRANSCHOOL COMPOSITE DECKING BY TREX
 16 TREST OF TREAT
 16 TREST OF TREAT
 16 TREST ON THE TREAT
 17 TREAT
 18 TR
- 16 KITCHEN CABINETS W/ STONE OR QUARTZ TOP (UNDER MOUNT SINK)
- 17 HERGLASS TUB W/ 3 CERAMIC TILED WALLS TO THE CEILING, USE DEINS SHIELD BACKER BOARD OR COVER CEMENT BOARD WITH
- 18 42" TALL ALUM, RAILING SYSTEM, PICKET SPACES LESS THAN 4" APART, CLEAR

	an a cinemocraci stimbors
MARK	DESCRIPTION
\$ \$,\$.	1-POLE, 3-WAY, 4-WAY TOGGLE SWITCH, 20 AMPERE, 120 VOLT, BY LEVITON OR SIMILAR. MOUNTED 46" AFF TO TOP UNLESS OTHERWISE NOTED. INCLUDE INTEGRAL OCCUPANCY SENSOR.
=	DUPLEX RECEPTACLE, 20A. 125V, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA S-20R, BY LEVITON OR SIMILAR, MOUNT AT 18" AFF UNILESS OTHERWISE NOTED. "WP" INDICATES WEATHER/PROOF BOX & COVER.
-	GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE, 20A, 125V, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA 5-20R, BY LENTION OR SIMILAR, MOUNT AT 18" AFF UNICESS OTHERWISE NOTED. "MY" INDICATES WEATHERPROOF BOX & COVER.
■	CLOTHER DRIVED OLITHET MOTE 22AA

INTERCONNECTED COMBINATION PHOTOELECTRIC SMOKE DETECTOR/CARBON MONOXIDE DETECTOR - CEILING MOUNTED UNLESS OTHERWISE NOTED.

POWER & EMERGENCY SYMBOLS

PARTITION/CEILING KEY:

-O.

INTERIOR RATED WALL: 5/4" TYPE 'X' GWB OVER 2X4 WD STUDS @16" O.C. (UL U305) NOTE: ANY MECH CHASES THAT PENETRATE
RATED CONSTRUCTION SHALL BE CONSTRUCTED TO MEET UL U305 OR UL DS01 AS APPROPRIATE ALL DUCTS PENETRATING RATED CONSTRUCTION TO HAVE FIRE DAMPERS MEETING UL555 FOR MIN 1 HR SEPARATION.

> 5/8" GWB EACH SIDE OVER 2X4 WD STUDS 916" O.C.

(1) LAYER OF %" TYPE "X" GWB CHUNG (UL DS01)

EXTERIOR WALLS:

2x6 STUDS @ 16" O.C. W/ EXTERIOR SHEATHING AND CLADDING, F GWB INTERIOR, FILL STUD CAVITY WITH - FIBERGLASS BATT INSUL SEE WALL SECT, FOR ADD, DETAILS

2x6 STUDS @ 16" O.C. W/ EXTERIOR SHEATHING AND CLADDING & GWB FIBERGLASS BATT INSUL. SEE WALL SECT. FOR ADD, DETAILS, MEETS UL FIRE RATING

SUPERIOR WALL SYSTEM W/1 LAYER 5/5" GWB
ATTACHED TO STUDS. MEETS 1 HR FIRE
RESISTANCE RATING.

FLOOR PLANS + SCHEDULES

PA PITTSBURGH TOWNHOMES 2, 5310 + 5308 ST, I 5314, 5312,

DUNCAN TOWNHOMES 5314, 5312, 5310 + 5308 ST, PITTSBURGH PA 15201

ELEVATIONS

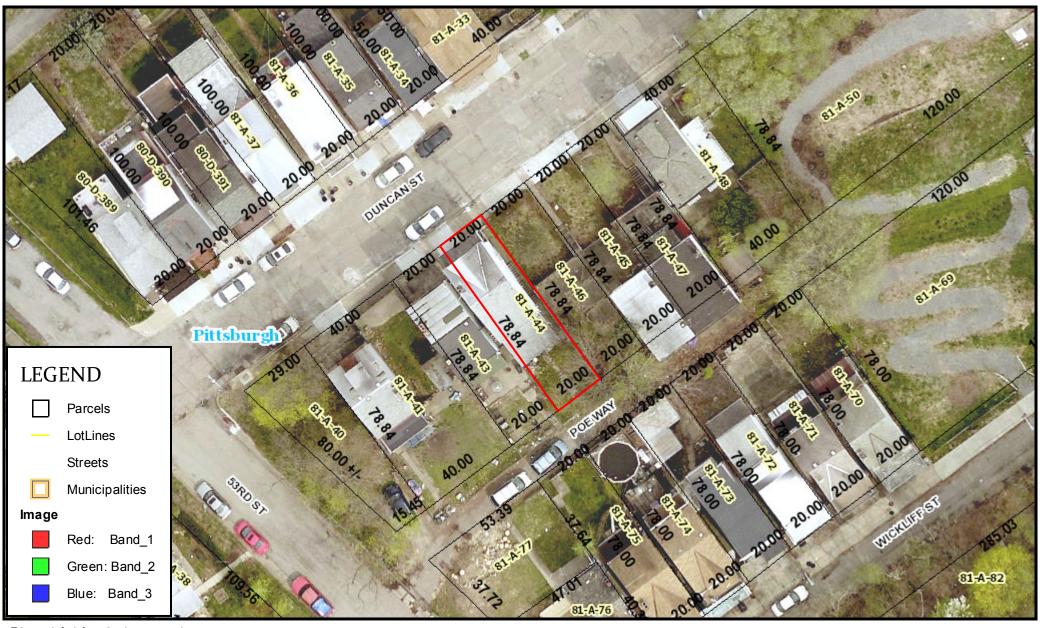




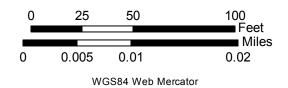
4 NORTHEAST ELEVATION A2-1 SCALE: 3/16" = 1'-0"

2 SOUTHEAST ELEVATION SCALE: 3/16* = 1'-0*

PIN: 0081A00044000000



This map is for informational purposes only. Parcel information is provided from the Office of Property Assessments in Allegheny County. Content and availability are subject to change. Property characteristics and values change due to a variety of factors such as court rulings, municipality permit processing and subdivision plans. Excludes name and contact information for property owners, as required by Ordinance 3478-07. For additional information, call the Allegheny County GIS Help Desk at (412) 350-4774 or email at GISHelp@Allegheny County. US.







Parcel ID: 0081-A-00044-0000-00 Property Address: 5308 DUNCAN ST PITTSBURGH, PA 15201

Municipality: 110 10th Ward - PITTSBURGH Owner Name: DUNCAN VENTURES LLC

School District :	Pittsburgh	Neighborhood Code :	11003
Tax Code:	Taxable	Owner Code:	Corporation
Class:	Residential	Recording Date :	12/4/2018
Use Code :	VACANT LAND	Sale Date :	11/29/2018
Homestead :	No	Sale Price :	\$330,000
Farmstead :	No	Deed Book :	17447
Clean And Green	No	Deed Page:	310
Other Abatement :	No	Lot Area:	1,577 SQFT

SaleCode: Multi-Parcel Sale

2020 Full Base Year Market Value 2020 County Assessed Value

Land Value \$700 Land Value \$700 **Building Value** \$0 Building Value \$0

Total Value \$700 Total Value \$700

> 2019 Full Base Year Market Value 2019 County Assessed Value

Land Value \$700 Land Value \$700 \$0 Building Value **Building Value** \$0 \$700 Total Value **Total Value** \$700

Address Information

Owner Mailing: 444 52ND ST

Parcel ID: 0081-A-00045-0000-00

Property Address: 5312 DUNCAN ST

PITTSBURGH, PA 15201

Municipality: 110 10th Ward - PITTSBURGH Owner Name: DUNCAN VENTURES LLC

School District :	Pittsburgh	Neighborhood Code:	11003
Tax Code :	Taxable	Owner Code:	Corporation
Class:	Residential	Recording Date :	12/4/2018
Use Code :	VACANT LAND	Sale Date :	11/29/2018
Homestead :	No	Sale Price:	\$330,000
Farmstead :	No	Deed Book :	17447
Clean And Green	No	Deed Page:	310
Other Abatement :	No	Lot Area:	1,577 SQFT

,...

SaleCode : Multi-Parcel Sale

2020 Full Base Year Market Value 2020 County Assessed Value

 Land Value
 \$700
 Land Value
 \$700

 Building Value
 \$0
 Building Value
 \$0

 Total Value
 \$700
 Total Value
 \$700

2019 Full Base Year Market Value 2019 County Assessed Value

Land Value\$700Land Value\$700Building Value\$0Building Value\$0Total Value\$700Total Value\$700

Address Information

Owner Mailing: 444 52ND ST

Parcel ID: 0081-A-00046-0000-00

Property Address: 5310 DUNCAN ST

PITTSBURGH, PA 15201

Municipality: 110 10th Ward - PITTSBURGH Owner Name: DUNCAN VENTURES LLC

School District:	Pittsburgh	Neighborhood Code:	11003
Tax Code:	Taxable	Owner Code:	Corporation
Class:	Residential	Recording Date :	12/4/2018
Use Code :	VACANT LAND	Sale Date :	11/29/2018
Homestead :	No	Sale Price:	\$330,000
Farmstead :	No	Deed Book :	17447
Clean And Green	No	Deed Page:	310
Other Abatement:	No	Lot Area:	1,577 SQFT

SaleCode: Multi-Parcel Sale

2020 County Assessed Value

2020 Full Base Year Market Value

Land Value\$700Land Value\$700Building Value\$0Building Value\$0Total Value\$700Total Value\$700

2019 Full Base Year Market Value 2019 County Assessed Value

Land Value\$700Land Value\$700Building Value\$0Building Value\$0Total Value\$700Total Value\$700

Address Information

Owner Mailing: 444 52ND ST

Parcel ID: 0081-A-00047-0000-00

Property Address: 5314 DUNCAN ST

PITTSBURGH, PA 15201

Municipality: 110 10th Ward - PITTSBURGH Owner Name: DUNCAN VENTURES LLC

School District :	Pittsburgh	Neighborhood Code:	11003
Tax Code :	Taxable	Owner Code:	Corporation
Class:	Residential	Recording Date :	12/4/2018
Use Code :	VACANT LAND	Sale Date :	11/29/2018
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Multi-Parcel Sale

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2019 Full Base Year Market Value 2019 County Assessed Value

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Address Information

Owner Mailing: 444 52ND ST

