WILLIAM PEDUTO MAYOR



KARINA RICKS DIRECTOR

September , 2021

President and Members City Council City of Pittsburgh

RE: 5935 Castleman Street ENCROACHMENT

Dear President and Members of City Council:

We have a request for an encroachment permit at 5935 Castleman Street, in the 7th Ward, 8th Council District, as shown on the attached plan. A copy of the request is also attached.

KEVIN V & KATRIN HEHER, is proposing to replace a set of existing steps and retaining wall presently constructed in the ROW with new steps, raised planter, and retaining wall in same location.

Your favorable approval of this proposed Resolution is hereby recommended.

Sincerely,

Karina Ricks Director

KR:JM Attachments

desmone

July 30, 2021

Karina Ricks, Director Pittsburgh Department of Mobility & Infrastructure

Dear Karina,

This letter serves to state the intent of the proposed project at 5035 Castleman Street (DCP-ZDR-2021-07393, BP-2021-09564)

The proposed work includes rebuilding an existing stair and retaining wall, a portion of which is built within the right of way. The design calls for the new work to occur within the same footprint that is there currently.

The zoning review revealed that the existing stair and wall (as well as the driveway curb cut) are not on file with DOMI and we have been asked to apply for both a curb cut permit and an encroachment.

Sincerely,

Michael Zielachowski Senior Designer Desmone



To: Director of the Department of Mobility and Infrastructure From: Kevin and Katrina Heher Subject: Encroachment Permit for 5035 Castleman Street

To Whom It May Concern:

We are applying for an encroachment permit to replace the front steps of our house, located at 5035 Castleman Street Pittsburgh, PA 15232, which have been demolished to repair a collapsed sewer line. This project needs to be completed ASAP as we currently have no front access to our home. We have no intention of interrupting the sidewalk or street in any way. The goal of the project is to replace the steps to give us access to the front door of our home.

Thank you,

Katrina and Kevin Heher

WILLIAM PEDUTO MAYOR



KARINA RICKS DIRECTOR

City of Pittsburgh Department of Mobility & Infrastructure City-County Building

Application for an Encroachment on City Dedicated Right-Of-Way

Date:August 5, 2021	DOMI-EN-2021-08583
Applicant Name:Michael Zielachowski (Desmone)	
Property Owner's Name (if different from Applicant): Kevin & Katrina Hehe	۶r
Address: 5035 Castleman Street, Pittsburgh PA 15232	
Phone Number: <u>August 5, 2021</u> Alternate Phone Number: <u>August 5, 202</u>	: <u>1</u>
Location of Proposed Encroachment: Street right-of-way	
Ward: 7 Council District: 8 Lot and Block: 52-G-45	
What is the properties zoning district code:R1D-VL(zoning	office 255-2241)
Planning/Zoning Case OneStop Number (if applicable): ZDR-2021-07393	
Is the existing right-of-way, a street or a sidewalk? <u>Street</u>	
Width of Existing Right-of-Way (sidewalk or street): 50'-0" (Before encro	achment)
Length of Existing Right-of-Way (sidewalk or street): 32.04' (Before encrosed)	achment)
Width of Proposed Encroachment: <u>8'-8</u>	
Length of Proposed Encroachment: <u>8'-0"</u>	
Number of feet the proposed object will encroach into the ROW: <u>8'-8</u> "	
Description of encroachment:Steps, retaining wall, raised planter	
Reason for application:	
Work proposed under ZDR-2021-07393 includes rebuilding existing step partially located in right-of-way. DOMI has stated that the existing encroa	s and retaining wall, achment is not recorded



EX. GAS METER/VALVE EX. WATER VALVE - WV EX. ASPHALT PAVING - EX. STONE - EAC EX. WOOD DECKING - EAC NOTE : ELEVATIONS SHOWN AREA OF PARCELS = 7,799 REFERENCE PBV. 84 ; PG.	REBAR SET - • REBAR SET - • CORNER BY OTHERS -• ARE OF AN ASSUMED DATUM 0.34 SQ.FT. (0.179 AC) 101 DBV. 16432 ; PG. 164	Viley Button REVISED: FEBRUARY 09, 2017	021	Katrina Heher	
PLAN	DF SURVEY	EDD, KATRINA A. &	6.09.2	206 evin &	
part of lot #4 in the Amber CA	stle plan of lots and a parcel of ground	KEVIN V. HEHER	8 B	μ Υ	ш
7TH WARD -	CITY OF PITTSBURGH	NJBarton, LLC		BER: 41:	Σ
ALLEGHE	NY COUNTY, PA	Professional Land Surveying 2000 Boles Court, Bethel Park, PA 15102		CLIEN	
SCALE: 1" = 30'	DATE: DECEMBER 28, 2016	412.855.3048 njbartonllc@gmail.com	і _{ій}	DJECT	Ď
		JDB ND. 0088	DAT	PRC	ທ







-NEW ROOF CANOPY

 $1 \frac{\text{Site Plan}}{1/16" = 1'-0"}$

desmone

www.desmone.com

PENNSYLVANIA:

One Doughboy Square 3400 Butler Street Pittsburgh, PA 15201 Tel: 412.683.3230 Fax: 412.683.3563

WEST VIRGINIA:

265 High Street, Suite 7 Morgantown, WV 26505 Tel: 304.602.7880 Fax: 304.212.5393





Edited By:

Designer

Checked By:

Checker

DRAWING NUMBER:

 \bigcirc









2 Partial First Floor Ceiling Plan 1/4" = 1'-0"





06.09:2021 Pr;(5200's)(5206 Heher Residence 2021/4 Documents)1 Drawings)1 Revit File)(5206 - Heher Residence r21.r



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Addition & Renovations Heher Residence 5035 Castleman Street Pittsburgh, PA 15232



PROJECT NOTES

Description:	Addition and renovations to existing single- family residence	Owner	Kevin and Katrina Heher 5035 Castleman Street
Location:	5035 Castleman St Pittsburgh, PA 15232		Pittsburgh, PA 15232
Occupancy:	Single Family -R-		
Code Compliance:	2015 International Residential Code	Architect	Deemone Architecte
Construction:	V-B	, we meet	One Doughboy Square
Building Area:	Existing: 3,645 SF Addition: 100 SF		3400 Butler Street Pittsburgh, PA 15201
			Contact: Nancy Policicchi

Contact: Nancy Policicchio 412.683.3230

Jeremy Urban, P.E. PVE, LLC 724.444.1100

Structural Engineer

Construction

Company

GC Address Address, PA 00000

Contact: 000.000.0000

VICINITY MAP



Drawing List					
Sheet Number	Sheet Name				
01 Index					
CS	Cover Sheet				
02 General Information	02 General Information				
G-000 General Information / Codes					
05.2 Architectural					
A-100	Architectural Site Plan				
A-101	Floor Plans				
A-200	Exterior Elevations & Perspectives				
A-300	Sections				
S-100	Structural Plans & Details				



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WEST VIRGINIA:

265 High Street, Suite 7 Morgantown, WV 26505 Tel: 304.602.7880 Fax: 304.212.5393

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

							07	/28/2021
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.								
IMPORTANT: If the certificate holder	is an AD	DITIONAL INSURED, the	policy(i	es) must hav		IAL INSURED provision	s or be	e endorsed.
If SUBROGATION IS WAIVED, subjec	t to the t	erms and conditions of th	ne polic	y, certain p	olicies may	require an endorsement	A st	atement on
this certificate does not confer rights	to the cer	rtificate holder in lieu of se	uch end	lorsement(s).			
PRODUCER			CONTAC NAME:	т				
Liberty Insurance Agency PHONE (A/C, No, Ext): FAX (A/C, No):								
Manor Oak Two Ste 800								
1910 Cochran Rd.					NAIC #			
Pittsburgh, PA 15220					ati Insurance	Co.		11410 #
INSURER B : Hudson insurance do.								
5035 Castleman St			INSURE	RC:				
Dittoburgh DA 15222			INSURE	RD:				
Fillsburgh, FA 15252			INSURE	RE:				
			INSURE	RF:				
COVERAGES CEN		E NUMBER:				REVISION NUMBER:		
INDICATED. NOTWITHSTANDING ANY R CERTIFICATE MAY BE ISSUED OR MAY EXCLUSIONS AND CONDITIONS OF SUCH		ENT, TERM OR CONDITION , THE INSURANCE AFFORD S. LIMITS SHOWN MAY HAVE	OF ANY ED BY BEEN R	CONTRACT	OR OTHER INSURE OR OTHER I S DESCRIBEI PAID CLAIMS.	DOCUMENT WITH RESPECT DOCUMENT WITH RESPECT D HEREIN IS SUBJECT TO	CT TO	WHICH THIS THE TERMS,
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DED RETENTION \$							\$	
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						STATUTE OTH-		
	N/A					E.L. EACH ACCIDENT	\$	
(Mandatory in NH)						E.L. DISEASE - EA EMPLOYEE	\$	
If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$	
A Personal Liability		H01 1052802		06/03/2021	06/03/2022	Each Occurrence	\$50	00,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (ACOR	RD 101, Additional Remarks Schedu	ile, may be	attached if more	e space is require	ed)		
5035 Castleman St., Pittsburgh, PA 1523	2							
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				LLATION				
City of Pittsburgh			SHO THE ACC	ULD ANY OF EXPIRATION ORDANCE WI	THE ABOVE D N DATE THE TH THE POLIC	ESCRIBED POLICIES BE C. EREOF, NOTICE WILL E Y PROVISIONS.	ANCELI BE DE	LED BEFORE LIVERED IN
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4 Front Perspective 2



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TYPICAL HEADER AND JAMB SCHEDULE						BUILDING LOADS: ROOF: DEAD = 10PSF
HEADER TAG	MIN HEADER SIZE	MAX CLEAR SPAN	MATERIAL/SPECIES	JAMB SIZE	\	GROUND SNOW = 30PSF
H1	(2) 2x8	3'-0"	SPF NO 2	(2) 2x4 OR (2) 2X6		FLOOR: SLAB-ON-GRADE
H2	(2) 2x10	6'-0"	SPF NO 2	(2) 2x6 OR (3) 2X4		WIND SPEED: V = 115MPH
Н3	(3) 2x12	8'-0"	SPF NO 2	(3) 2x6 OR (4) 2X4		FOUNDATIONS: FOUNDATI









TYPICAL CANOPY ATTACHMENT DETAIL N.T.S.

From: Katrina Heher KatrinaHeher@gmail.com & Subject: Date: August 10, 2021 at 6:53 PM



KH





Abbreviations

0	Pound OR Number
& @	And At
AB	Anchor Bolt OR Air Barrier
АВУ А/С	Above Air Conditioning
ACOUS	Acoustical
ACI AD	Acoustic Ceiling Tile Area Drain
AFF	Above Finished Floor
AFG AGGR	Above Finished Grade
AHU	Air Handling Unit
ALT	Alternate
ANOD	Anodized
	Access Panel
ARCH	Architectural(tect)
ASPH	Asphalt
AVG	Average
AWP	Acoustical Wall Panel
BD	Board
BIT	Bituminous Butlette e
BLK	Block(ing)
BLW	Below
BO	Bottom Of
BOF	Bottom Of Footing
BOD	Bottom Of Duct Bedroom
BRG	Bearing
BSMT BYND	Basement Bevond
BT	Bath Tub
BUR	Built-Up-Roofing
САВ	Cabinet
CATV CCTV	Cable Television Closed Circuit Television
CF	Cubic Feet
CHNL	Channel Corner Guard
CIP	Cast-In-Place
Cl	Construction Joint
CL	Center Line
CLG	Ceiling
CLKG	Closet
CLR	Clear
CMU	Concrete Masonry Unit Counter
CO	Cased Opening OR Cleanout
COL	Column Compressible
CONC	Concrete
	Conterence Room Construction
CONT	Continuous
	Contract(or) Coordinate
CORR	Corridor OR Corrugated
CPT	Carpet(ing) Course
CSK	Countersunk(sink)
CT CTB	Ceramic Tile Ceramic Tile Base
CTE	Connect To Existing
CTR	Center Condensing Unit
CUH	Cabinet Unit Heater
	Cold Water OR Curtainwall
DEG	Degree
DEMO	Demolish OR Demolition
	Department
DET	Department Details
DET DIA DIM	Department Details Diameter Dimension
DET DIA DIM DISP	Department Details Diameter Dimension Dispenser OR Display
DET DIA DIM DISP DN DR	Department Details Diameter Dimension Dispenser OR Display Down
DET DIA DIM DISP DN DR DS	Department Details Diameter Dimension Dispenser OR Display Down Door Downspout
DET DIA DIM DISP DN DR DS D/W DWG	Department Details Diameter Dimension Dispenser OR Display Down Door Downspout Dishwasher Drawing
DET DIA DIM DISP DN DR DS D/W DWG DWLS	Department Details Diameter Dimension Dispenser OR Display Down Door Downspout Dishwasher Drawing Dowels
DET DIA DIM DISP DN DR DS D/W DWG DWG DWLS DWR	Department Details Diameter Dimension Dispenser OR Display Down Door Downspout Dishwasher Drawing Dowels Drawer
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FLR	Floor(ing)
FM	Factory Mutual
FND FO	Foundation Face Of
FOIC	Furnished By Owner Installed By
Contrac FP	tor Fire Protection OR Fire Proof
FRP	Fiberglass Reinforced Plastic
FI FTG	Foot OR Feet Footing
FURN	Furniture, Furnish(ing)
FURR FWC	Furring Fabric Wallcovering
FWP	Fabric Wall Panel
GA	Gauge
GALV	Galvanized
GC	General Contractor
GEN GECI	Generator or General Ground Egult Circuit Interrupter
GFIG	Ground Fault Circuit Interrupter
GFRC GL	Glass Fiber Reinforced Concrete Glazing OR Glass
GND	Ground
GP GR	Gypsum Plaster Grade(ing)
GRL	Guardrail(ing)
GWB GYP BE	Gypsum Wall Board) Gypsum Board
	lless Pile (Composition)
нь HC	Hollow Core
H/C	Handicapped
HDRL	Handrail(ing)
HDW HDWD	Hardware Hardwood
HGT	Height
HM HOR	Hollow Metal Horizontal
HR	Hour
HTR HVAC	Heater Heating, Ventilation. Air Cond
HW	Hot Water
HYD	Hydrant
IBC	International Building Code
ID ILO	Inside Diameter In Lieu Of
IN	Inch(es)
INSUL INT	Insulated OR Insulation
INV	Invert
JAN	Janitor
JC	Janitor's Closet
JST	Joist
VIT	Kitahan.
KO	Knock Out
1481	Kick Plate
KPL	Kick Hule
KPL LAB	Laboratory
KPL LAB LAM	Laboratory Laminate(tion)
KPL LAB LAM LAV LBL	Laboratory Laminate(tion) Lavatory Label
KPL LAB LAM LAV LBL LD IF	Laboratory Laminate(tion) Lavatory Label Linear Diffuser
KPL LAB LAM LAV LBL LD LF LIN	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum
KPL LAB LAM LAV LBL LD LF LIN LKR LR	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting
KPL LAB LAW LBL LD LF LIN LKR LR LTG LVR	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAX	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum
KPL LAB LAW LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAX MBR MDF	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard
KPL LAB LAW LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAX MBR MDF MECH	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane
KPL LAB LAW LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAX MBR MDF MECH MEMB MEZZ	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAX MBR MDF MECH MEMB MEZZ MFR MCP	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Manufacturer Manufacturer
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAX MDF MECH MECH MERB MEZZ MFR MGR MH	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MDF MECH MERB MEZZ MFR MGR MH MIN MISC	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MAR MDF MECH MERB MEZZ MFR MGR MH MIN MISC MO	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MAR MDF MECH MER MGR MIN MISC MO MP MR	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MDF MECH MEMB MEZZ MFR MGR MH MIN MISC MO MP MR MSB	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAR MGR MH MIN MISC MO MP MR MSB MTD MTL	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MDF MECH MEMB MEZZ MFR MGR MH MIN MISC MO MP MR MSB MTD MTL R	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing)
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAX MBR MDF MECH MECH MER MGR MH MIN MISC MO MP MR MSB MTD MTL MUA MULL	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Monsonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MECH MECH MEZZ MFR MGR MH MIN MISC MO MP MR MSB MTD MTL R LTF LIN LKR LTG LVR	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MECH MER MGR MH MIN MISC MO MP MR MSB MTD MTL MTLRF MUA MULL NC NIC	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MAS MFR MGR MH MIN MISC MO MP MR MSB MTD MTL MTLRF MUA NC NIC NFPA NO	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MIN MIN MISC MO MP MR MSB MTD MTL MILR MUL NC NIC NFPA NOM	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MIN MIN MISC MO MP MR MSB MTD MTL MILRF MUA MULL NC NIC NFPA NOM NONCO	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Motal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MIN MISC MO MP MR MSB MTD MTL MILRF MUA MULL NC NIC NFPA NOM NONCO	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MIN MIN MISC MO MP MR MSB MTD MTL MILRF MUA MULL NC NIC NFPA NOM NONCO NTS OA OC	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MATL MAS MAS MAS MATL MAS MAS MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale Outside Air On Center Office Opposite Hand OR Over Head Outside Diameter
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale Outside Air On Center Office Opposite Hand OR Over Head Outside Diameter Opening
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MO MO MO MO NONCO NTS OO OC OFF OO NO OC OC OC OC OC OC OC OC OC OC OC OC OC	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale Outside Air On Center Office Opposite Hand OR Over Head Overflow Roof Drain Over Head
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAS MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal DM Non-Combustible Not To Scale Outside Air On Center Opening Overflow Roof Drain Over Head
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MAS MATL MAS MAS MAS MATL MAS MAS MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale Outside Air On Center Office Opposite Hand OR Over Head Outside Diameter Opening Overflow Roof Drain Over Head
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale Outside Air On Center Office Opposite Hand OR Over Head Outside Diameter Opening Overflow Roof Drain Over Head Push Button OR Pull Box Particle Board Precast Concrete Dataset Concrete
KPL LAB LAM LAV LBL LD LF LIN LKR LR LTG LVR MAINT MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal DM Non-Combustible Not To Scale Outside Air On Center Office Opposite Hand OR Over Head Outside Diameter Opening Overflow Roof Drain Over Head Push Button OR Pull Box Particle Board Precast Concrete Precast Concrete Pavers Pre-engineered Metal Building
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MATL MAS MAS MATL MAS MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal DM Non-Combustible Not To Scale Outside Air On Center Offlice Opposite Hand OR Over Head Outside Diameter Opening Over Head Push Button OR Pull Box Particle Board Precast Concrete Pavers Pre-engineered Metal Building Perforated Blate
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAS MAS MATL MAS MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Metal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale Outside Air On Center Office Opposite Hand OR Over Head Outside Diameter Opening Overflow Roof Drain Over Head Push Button OR Pull Box Particle Board Precast Concrete Precest Concrete Pavers Pre-engineered Metal Building Perforated Plate Plastic Laminate
KPL LAB LAM LAV LBL LD LF LIN LKR LTG LVR MAINT MAS MATL MAS MAS MATL MAS MAS MATL MAS MAS MATL MAS MAS MAS MAS MAS MAS MAS MAS MAS MAS	Laboratory Laminate(tion) Lavatory Label Linear Diffuser Linear Feet Linoleum Locker Living Room Lighting Louver Maintenance Masonry Material Maximum Master Bedroom Medium Density Fiberboard Mechanical Membrane Mezzanine Manufacturer Manager Manhole Minimum Miscellaneous Masonry Opening Metal Panel Moisture-Resistant Mop Service Basin Mounted Metal Motal Roof(ing) Make-Up Air Mullion Noise Criteria Not In Contract National Fire Protection Association Number Nominal OM Non-Combustible Not To Scale Outside Air On Center Office Opposite Hand OR Over Head Outside Diameter Opening Overflow Roof Drain Over Head Push Button OR Pull Box Particle Board Precast Concrete Pavers Pre-engineered Metal Building Perforated Plate Plastic Laminate

PNT PREFAB PREFIN PSF PSI PT PTD PTD/R	Paint(ed) Prefabricated Prefinished Pounds Per Square Foot Pounds Per Square Inch Pressure Treated Paper Towel Dispenser Paper Towel Dispenser & Receptacle	2.	 R-values of insula U-factors for fen Results from any Types and efficie baseboard electric "electric furnace" ourvented room hear The building therm
PTN PTR PVC PWR	Partition Paper Towel Receptacle Polyvinyl Chloride Power		Sections R402.1 th -(R402.4.1) Build The building therm
QT QTY	Quarry Tile Quantity		 -(R402.4.1.1) Inst The components of
R RA RB RBR RCP RD REF REFG	Radius OR Riser Return Air Rubber Base Rubber Reflected Ceiling Plan Roof Drain Reference Refrigerator		manufacturer's inst required by the bu -(R402.4.1.2) Tes The building or dw per hour. Testing s inches w.g. (50 Pa written report of th
REINF RET RETG REQD REV RFG	Reinforced Return Retaining Required Revised, Revision Roofing		Testing shall be per thermal envelope. -(R402.4.2) Firep New wood-burning fitting doors on fa
RM RO RTU	Room Rough Opening Roof-Top Unit		for the fireplace. With UL 907. -(R402.4.3) Fener
SA SB SCD SCR SD	Supply Air Splash Block Seat Cover Dispenser Screen Smoke Detector		Windows, skylight L/s/m ²), and swing AAMA/WDMA/C manufacturer.
SECT SF SHWR SHT	Section Square Foot Shower Sheet		Exception: Site-bu -(R402.4.4) Room Where open comb
SHTHG SIM SK SLNT SND SNR SOG	Sheathing Similar Sink Sealant Sanitary Napkin Dispenser Sanitary Napkin Receptacle Slab on Grade		the appliances and isolated from insid requirements of To requirement. The of accordance with S minimum of R-8.
SPEC SPK SPKR SQ	Specified OR Specification Sprinkler Speaker Square		Exceptions: 1. Direct vent app 2. Fireplaces and
SQFT SS SSK STC STD STL SSTL STOR	Square Feet Solid Surface Service Sink Sound Transmission Coefficient Standard Steel Stainless Steel Storage	3.	-(R402.4.5) Recess Recessed luminaire unconditioned spa 2.0 cfm (0.944 L/s luminaires shall be At least one therm controlling the print system on a daily
T SUSP T T&B T&G TBD T/D TEL TEMP TGL	Suspended Tread Top and Bottom Tongue And Groove To Be Determined Telephone/Data Telephone Temporary OR Temperature Tempered Glazing	4. 5. 6. 7.	up to 85°F (29°C) no higher than 70° Heat pumps having supplemental heat Building framing c Not less than 75 p 75 percent of the lighting. (IECC R4 0 Ducts, air handlers M1601.4.1 of the
THK THRD THRES TLT	Thick(ness) Threaded Threshold Toilet		Exceptions: - Air-impermeable
TO TOC TOF TOP TOPO TOS TOW	Top Of Top Of Concrete Top Of Footing Top Of Parapet Topography Top Of Steel Top of Wall	8. 9.	- For ducts having shall not be requir lock and button-lo Air handlers shall rate when tested i Ducts shall be pres
TPD TPTN TRTD TS TSTAT	Toilet Paper Dispenser Toilet Partition Treated Tube Steel Thermostat		 Rough-in test: To including the manu sealed during the Postconstruction t
TYP UG UH	Typical Under Ground Unit Heater		entire system, inclu test. Exception: A duct
UL UNO UR U/S	Underwriter's Laboratory Unless Noted Otherwise Urinal Underside	10	the building therm A written report or (IECC R403.3.3) Mechanical system
VB VCT VENT VERT VEST VIF VP VS VR VTR	Vapor Barrier OR Vinyl Base Vinyl Composition Tile Ventilation Vertical Vestibule Verify In Field Vision Panel Vent Stack Vapor Retarder Vent Through Roof	11.	minimum of R-3. (I caused by sunlight cause degradation Access doors from insulated to a leve prevents damagin provided when loc of Table R402.1.2
VWC W/O WB WC WCP WD WDW WH WP WR WRB WS WSCT WWF	Vinyl Wall Covering With With Out Wood Base Water Closet (Toilet) Wood Ceiling Panel Wood Window Water Heater Working Point OR Waterproof(ing) Water Resistant Water-Resistive Barrier Waste Stack Wainscot Welded Wire Fabric		
XFMR	Transformer		

A permanent certificate shall be completed by the builder or registered design professional and posted in the space where the furnace is located, a utility room or an approved location inside the building. The certificate shall not cover or obstruct the visibility of any other required label. The certificate shall list the following: R-values of insulation installed at the thermal building envelope, including ducts outside conditioned spaces

-factors for fenestration esults from any required duct system and building envelope air leakage testing done on the building. ypes and efficiencies of HVAC and SWH equipment. Where a gas-fired unvented room heater, electric furnace, or eboard electric heater is installed in the residence, the certificate shall list "gas-fired unvented room heater," ectric furnace" or "baseboard electric heater," as appropriate. An efficiency shall not be listed for gas-fired ented room heaters, electric furnaces or electric baseboard heaters. (IECC R401.3) building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of tions R402.1 through R402.4.5. (IECC R402.5)

402.4.1) Building Thermal Envelope

building thermal envelope shall comply with Sections R402.4.1.1 and R402.4.1.2. The sealing methods between imilar materials shall allow for differential expansion and contraction.

402.4.1.1) Installation

2015 IECC NOTES:

PNL Panel

components of the building thermal envelope as listed in Table R402.4.1.1 shall be installed in accordance with the nufacturer's instructions and the criteria listed in Table R402.4.1.1, as applicable to the method of construction. Where uired by the building official, an approved third party shall inspect all components and verify compliance.

402.4.1.2) Testing

building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding five air changes hour. Testing shall be conducted in accordance with ASTM E 779 or ASTM E 1827 and reported at a pressure of 0.2 nes w.g. (50 Pascals). Where required by the code official, testing shall be conducted by an approved third party. A tten report of the results of the test shall be signed by the party conducting the test and provided to the code official. ting shall be performed at any time after creation of all penetrations of the building_thermal_envelope" building

402.4.2) Fireplaces

w wood-burning fireplaces shall have tight-fitting flue dampers or doors, and outdoor combustion air. Where using tighting doors on factory-built fireplaces listed and labeled in accordance with UL 127, the doors shall be tested and listed the fireplace. Where using tight-fitting doors on masonry fireplaces, the doors shall be listed and labeled in accordance

402.4.3) Fenestration Air Leakage

ndows, skylights and sliding glass doors shall have an air infiltration rate of no more than 0.3 cfm per square foot (1.5 $/m^2$), and swinging doors no more than 0.5 cfm per square foot (2.6 L/s/m²), when tested according to NFRC 400 or MA/WDMA/CSA 101/I.S.2/A440 by an accredited, independent laboratory and listed and labeled by the

eption: Site-built windows, skylights and doors.

402.4.4) Rooms Containing Fuel-Burning Appliances

nere open combustion air ducts provide combustion air to open combustion fuel-burning appliances, appliances and combustion air opening shall be located outside the building thermal envelope or enclosed in a room, ated from inside the thermal envelope. Such rooms shall be sealed and insulated in accordance with the envelope uirements of Table R402.1.2, where the walls, floors and ceilings shall meet a minimum of the basement wall R-value uirement. The door into the room shall be fully gasketed and any water lines and ducts in the room insulated in cordance with Section R403. The combustion air duct shall be insulated where it passes through conditioned space to a

Direct vent appliances with both intake and exhaust pipes installed continuous to the outside. ireplaces and stoves complying with Sections R402.4.2 and R1006.

402.4.5) Recessed Lighting

essed luminaires installed in the building thermal envelope shall be sealed to limit air leakage between conditioned and onditioned spaces. All recessed luminaires shall be IC-rated and labeled as having an air leakage rate not more than cfm (0.944 L/s) when tested in accordance with ASTM E 283 at a 1.57 psf (75 Pa) pressure differential. All recessed inaires shall be sealed with a gasket or caulk between the housing and the interior wall or ceiling covering. east one thermostat shall be provided for each separate heating and cooling system. (IECC R403.1) The thermostat trolling the primary heating or cooling system of the dwelling unit shall be capable of controlling the heating and cooling tem on a daily schedule to maintain different temperature set points at different times of the day. This thermostat shall ude the capability to set back or temporarily operate the system to maintain zone temperatures down to 55°F (13°C) or

to 85°F (29°C). The thermostat shall initially be programmed by the manufacturer with a heating temperature set point higher than 70°F (21°C) and a cooling temperature set point no lower than 78°F (26°C). (IECC R403.1.1) at pumps having supplementary electric-resistance heat shall have controls that, except during defrost, prevent plemental heat operation when the heat pump compressor can meet the heating load. (IECC R403.1.2) ding framing cavities shall not be used as supply ducts. (2009 IECC R403.2.3)

less than 75 percent of the lamps in permanently installed lighting fixtures shall be high-efficacy lamps or not less than percent of the permanently installed lighting fixtures shall contain only high-efficacy lamps. Exception: Low-voltage

nting. (IECC R404.1) cts, air handlers and filter boxes shall be sealed. Joints and seams shall comply with either the IMC or Section 601.4.1 of the IRC, as applicable.

r-impermeable spray foam products shall be permitted to be applied without additional joint seals.

or ducts having a static pressure classification of less than 2 inches of water column (500 Pa), additional closure systems Il not be required for continuously welded joints and seams, and locking-type joints and seams of other than the snapand button-lock types. (IECC R403.3.2) handlers shall have a manufacturer's designation for an air leakage of no more than 2 percent of the design air flow

e when tested in accordance with ASHRAE 193. (IECC R403.3.2.1) cts shall be pressure tested to determine air leakage by one of the following methods:

bugh-in test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the system, uding the manufacturer's air handler enclosure if installed at the time of the test. All registers shall be taped or otherwise led during the test.

ostconstruction test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the ire system, including the manufacturer's air handler enclosure. Registers shall be taped or otherwise sealed during the

eption: A duct air leakage test shall not be required where the ducts and air handlers are located entirely within building thermal envelope.

rritten report of the results of the test shall be signed by the party conducting the test and provided to the code official.

chanical system piping capable of carrying fluids above 105°F (41°C) or below 55°F (13°C) shall be insulated to a imum of R-3. (IECC R403.4) Piping insulation exposed to weather shall be protected from damage, including that used by sunlight, moisture, equipment maintenance and wind, and shall provide shielding from solar radiation that can use degradation of the material. Adhesive tape shall not be permitted. (IECC R403.4.1)

cess doors from conditioned spaces to unconditioned spaces such as attics and crawl spaces shall be weatherstripped and lated to a level equivalent to the insulation on the surrounding surfaces. Access shall be provided to all equipment that vents damaging or compressing the insulation. A wood-framed or equivalent baffle or retainer is required to be vided when loose-fill insulation is installed. Exception: Vertical doors shall be permitted to meet the requirements able R402.1.2 (IECC R402.2.4)

Administration of the Work:

Contractor shall be solely responsible for the means, methods, and sequences of construction. Contractor shall be solely responsible for the safety of all construction personnel and authorized

- visitors at the site. Contractor shall become fully acquainted with conditions related to the work. Any known discrepancies between the documents and the actual conditions shall be reported to the Architect
- for resolution prior to proceeding with work related to this discrepancy. Contractor shall take precautions to maintain and protect existing systems and finishes which are to remain. Any damages to such systems and finishes shall be immediately repaired in a manner acceptable to the Architect. If satisfactory repairs cannot be made, Contractor shall replace systems and finishes with new construction acceptable to the Architect. All repairs and replacement costs shall be the responsibility of the Contractor.
- Contractor shall remove and dispose of all construction and demolition debris. Contractor shall obtain approval of Owner for details relating to the removal of trash, including such issues as path of travel, use of stairs and elevators, removal of windows, location of chutes and repair any damages to existing items soiled or damaged by the debris removal process. If cleaning and/or repair does not return items to original condition, Contractor shall install new items. Contractor shall become familiar with and comply with Owner's procedures for maintaining a
- secure site and building.
- Each installer shall examine all substrate conditions and/or site conditions which affect the quality of each product to be installed. If any conditions exist with will have a detrimental effect on the quality of the installation, the installer shall immediately notify the Contractor. Installation shall not proceed until the unsatisfactory conditions are corrected. Installation shall signify acceptance of the conditions.
- Contractor shall maintain record drawings on the site at all times.
- Contractor shall be responsible for ensuring coordination efforts of all subcontractors. Contractor shall lay out all work as soon as possible. Any discrepancies shall be reported to the Architect for resolution prior to proceeding with the work in question.

Standards and Regulations:

- Contractor shall perform all work in conformance with applicable building codes, regulations,
- ordinances, utility provider requirements, and similar standards. Contractor shall obtain all required permits and similar releases required for construction and occupancy. Contractor shall furnish copies of all such items to Owner and Architect within ten days of receipt. If permits are issued subject to certain conditions or revisions in the work, or if any permits are delayed for any reason, Contractor shall notify Architect immediately.
- Contractor shall obtain all required inspections of the work. Contractor shall regularly update
- Owner and Architect regarding the status of inspections. Contractor shall coordinate work with applicable utility providers.
- Contractor shall be familiar with requirements and construction shall be in compliance with referenced fire-rated assembly tests and standards.
- If unanticipated hazardous materials are encountered, Contractor shall cease work in the area and contact Architect and Owner immediately. Contractor shall visit the site prior to submission of bids to review and become familiar with existing conditions.

Use of Construction Documents:

- Contractor shall not scale drawings. Only written dimensions or keyed notes shall be used. Contact Architect if clarification or additional information is required.
- Information regarding existing systems, finishes, and conditions shown on these drawings is based on information furnished to the Architect by the Owner and/or the perceived condition in the field. The information is not intended to guarantee exact conditions before the work is started. Notify the Architect if any discrepancies are found.
- The drawings are schematic in nature. Modifications in ducts, piping, conduit, and wiring may be required to accommodate actual field conditions. Drawings shall not be reproduced for submittals.
- These drawings depict the intent of the architect and not intended to depict each and every condition or detail of construction. It is the contractor's responsibility to clarify any conflicting instances, details, materials or methods during the bidding phase. Once the contract is awarded, the contractor must adhere to the architect's direction if such a conflicting case arises during construction
- Dimensions are as follows unless noted otherwise. A. To finished faces of existing work.
- B. To face of gypsum wallboard in new work.
- To centerline of columns.
- To top of floor slab.
- To bottom of finished ceiling.

INSULATION & FENESTRAT	ION REQUIREMENTS:
Climate Zone	5A
Fenestration U-Factor	0.32
Skylight U-Factor	0.55
Ceiling R-Value	49
Frame Wall R-Value	20 or 13+5
Basement Wall R-Value	15 cont. or 19 cavity
Crawl Space Wall R-Value	15 cont. or 19 cavity
Floor R-Value	30

one

www.desmone.com

PENNSYLVANIA:

One Doughboy Square 3400 Butler Street Pittsburgh, PA 15201 Tel: 412.683.3230 Fax: 412.683.3563

WEST VIRGINIA:

265 High Street, Suite 7 Morgantown, WV 26505 Tel: 304.602.7880 Fax: 304.212.5393

ENGINEER LOGO





DATE: 06.09.2021

PROJECT NUMBER: 5206

OWNER / CLIENT: Kevin & Katrina Heher

DRAWING TITLE:

General Information Codes

DRAWING NUMBER:





PGHaO GIS Web Application







То:	Karina Ricks, Director of the Department of Mobility and Infrastructure
From:	William J. Pickering, PWSA Chief Executive Officer
Date:	August 23, 2021
Subject:	Proposed Encroachment at 5035 Castleman Street

The following is in response to the attached 8/10/2021 request regarding the encroachment near5035 Castleman Street in the 7th Ward of the City of Pittsburgh.

- 1. The Water Mapping (attached) indicates that there are no known PWSA waterlines within the area of the proposed encroachment.
- 2. The Sewer Mapping (attached) indicates that there are no known PWSA sewerlines within the area of the proposed encroachment that will be impacted during construction of project. Please note, PWSA does not maintain records of sewer service laterals and the property owner is responsible for maintenance. We cannot confirm if the private service lateral will be affected.

PWSA has no objection to the proposed encroachment under the conditions set forth above.

JAT

Attachment

Customer Service / **Emergencies:** 412.255.2423



Michael Bichsel Engineering 469 Hershey Rd, Penn Hills 15235 | Mail Drop PH-TD

Tel 412-393-2827 | Email: mbichsel@duqlight.com

VIA EMAIL:

Re: Heher Residence – 5035 Castleman St Pittsburgh PA, 15232

Dear Nancy Policicchio:

Duquesne Light has field and reviewed this request, and we have no issues. Based on your plans, there is no encroachment on DLC facilities.

This letter is not intended as a full recitation of the facts or a complete review of applicable law. Nothing contained in or omitted from this letter is or shall be deemed to be a limitation, restriction, modification, or waiver of any of Duquesne Light's rights or remedies, either at law or in equity, in connection with any of the matters raised, all of which are expressly reserved.

Sincerely,

Michael Bichsel Supervisor, Engineering

412.393.2827 (Office) mbichsel@duqlight.com

Duquesne Light Company 469 Hersey Rd. Penn Hill, PA 15235 DuquesneLight.com



August 31 2021

Brian Ralston Cc: Katrina Heher DOMI CITY OF PITTSBUGRH 611 2ND AVE PITTSBURGH, PA 15219

Re: PROPOSED ENCROACHMENT This document was prepared in response to the request made to Verizon-PA. Inc

This is in response to your request for Verizon – PA, Inc. to investigate if there will be any impacts made to Verizon facilities by the construction of the project **5035 Castleman St Pittsburgh**, **PA 15232**. If the construction is non impacting to Verizon facilities where as cable and or duct banks will not be affected and/or protected during construction Verizon will have no objection to the proposed encroachment.

Should you have any questions or concerns regarding these terms, please contact **Dan Barren** (412)237-2291

Sincerely

Dan Barren Engineer –Network Operations Engineering 508 Old Frankstown Rd. Monroeville PA, 15146 O 412.237.2291 | M 412.529.9266 Daniel.Barren@verizon.com



August 13, 2021

Ms. Katrina Heher 5305 Castleman Street Pittsburgh, PA 15232

Dear Ms. Heher:

As the construction contact for Comcast, I am responding to your inquiry regarding an encroachment at Castleman Street in the City of Pittsburgh, as described in your August 10, 2021, inquiry to Comcast.

Comcast only has aerial service here, so we should not be affected. Thus, Comcast has no known conflicts at this location.

Thank you.

Gene Leví

Eugene Levi Comcast Cable Communications Inc Construction / Engineering <u>Eugene_Levi@cable.comcast.com</u> 412-996-4188 (c)

Cc: Jennifer M. Cloonan, Director, External & Government Affairs Comcast – Keystone Region Jennifer_Cloonan@comcast.com



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

							07	/28/2021	
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.									
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed.									
If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on									
this certificate does not confer rights	to the cer	tificate holder in lieu of s	uch end	orsement(s).				
PRODUCER				CONTACT NAME:					
Liberty Insurance Agency				PHONE FAX (A/C. No. Ext): (A/C. No):					
Manor Oak Two Ste 800				E-MAIL ADDRESS:					
1910 Cochran Rd.			INSURER(S) AFFORDING COVERAGE					NAIC #	
Pittsburgh, PA 15220			INSURED A Cincinnati Insurance Co.					11410 #	
INSURED			INSURER B. Hudson Insurance Co.						
Kevin & Katrina Heher									
5035 Costloman St			INSURER C :						
Bittoburgh BA 15222			INSURER D :						
Pillsburgh, PA 15252			INSURER E :						
				INSURER F :					
COVERAGES CEN		E NUMBER:							
INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.									
INSR LTR TYPE OF INSURANCE	ADDL SUB	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	S		
COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	\$		
CLAIMS-MADE OCCUR						DAMAGE TO RENTED PREMISES (Fa occurrence)	\$		
						MED EXP (Any one person)	\$		
					8		\$		
					8		¢		
					5		¢		
					2	FRODUCTS - COMF/OF AGG	ф Ç		
						COMBINED SINGLE LIMIT	¢		
					a	(Ea accident)	φ		
						BODILY INJURY (Per person)	Þ		
AUTOS ONLY AUTOS							Ð		
AUTOS ONLY AUTOS ONLY						(Per accident)	\$		
							\$		
X UMBRELLA LIAB OCCUR						EACH OCCURRENCE	\$ 3,0	00,000	
B EXCESS LIAB CLAIMS-MADE		PUMB006305001		11/29/2020	11/29/2021	AGGREGATE	\$		
DED RETENTION \$							\$		
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						STATUTE ER			
						E.L. EACH ACCIDENT	\$		
(Mandatory in NH)						E.L. DISEASE - EA EMPLOYEE	\$		
If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$		
A Personal Liability		H01 1052802		06/03/2021	06/03/2022	Each Occurrence	\$50	00,000	
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (ACOR	D 101, Additional Remarks Schedu	ile, may be	attached if more	e space is require	ed)			
5035 Castleman St., Pittsburgh, PA 1523	2								
CERTIFICATE HOLDER				CANCELLATION					
City of Pittsburgh			SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.						
				AUTHORIZED REPRESENTATIVE					
				Capple Babas					
			I	C	nuu u	marco			

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