



City of Palm Coast Agenda Beautification and Environmental Advisory Committee

City Hall
160 Lake Avenue
Palm Coast, FL 32164
www.palmcoastgov.com

*Chairman Jeffery Seib
Committee Member Edward Beier
Committee Member Robert Knapp
Committee Member Glenn Partelow
Committee Member Robbyn Mackler*

Thursday, January 23, 2020

5:00 PM

City Hall

>In accordance with the Americans with Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk's Office at 386-986-3713 at least 48 hours prior to the meeting.

>Public comment on issues on the agenda or public participation shall be limited to 3 minutes.

>The City of Palm Coast is not responsible for any mechanical failure of recording equipment

>All pagers and cell phones are to remain OFF during the Committee meeting.

>Other matters of concern may be discussed as determined by Committee during the meeting.

>If you wish to obtain more information regarding the agenda, please contact the City Clerk's office at 386-986-3713.

A CALL TO ORDER AND PLEDGE OF ALLEGIANCE

B ROLL CALL

C MINUTES

**1 MINUTES OF THE DECEMBER 5, 2019 BEAUTIFICATION AND ENVIRONMENTAL
ADVISORY COMMITTEE MEETING**

D OLD BUSINESS

**2 ELECTION OF A VICE CHAIR TO THE BEAUTIFICATION AND ENVIRONMENTAL ADVISORY
COMMITTEE**

3 THE MONARCH BUTTERFLY UPDATE

4 DISCUSSION OF THE EAGLE IN FLIGHT DONATION

E NEW BUSINESS

5 NUTRIENT POLLUTION OF FRESHWATER CANALS IN PALM COAST

6 DISCUSSION OF VINNIE THE VAN GOGH TURTLE DONATION AND FUTURE GOLF PROPOSAL

F PUBLIC PARTICIPATION

G DISCUSSION OF MATTERS NOT ON THE AGENDA

H ADJOURNMENT

City of Palm Coast, Florida Agenda Item

Agenda Date: 1/23/2020

Department	PLANNING	Amount
Item Key	7645	Account
		#
Subject	MINUTES OF THE DECEMBER 5, 2019 BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE MEETING	
Background :		
Recommended Action :	Approve the minutes as presented	



**City of Palm Coast
Minutes
BEAUTIFICATION AND
ENVIRONMENTAL
ADVISORY COMMITTEE**

City Hall
160 Lake Avenue
Palm Coast, FL 32164
www.palmcoastgov.com

*Chairman Jeffery Seib
Committee Member Edward Beier
Committee Member Robert Knapp
Committee Member Glenn Partelow
Committee Member Robbyn Mackler*

Thursday, December 5, 2019

5:00 PM

COMMUNITY WING OF CITY HALL

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A CALL TO ORDER AND PLEDGE OF ALLEGIANCE

*Chair Seib called the December 5, 2019 Beautification and Environmental
Advisory Committee (BEAC) meeting to order at 5:00PM.*

B ROLL CALL

Present and answering to roll call were:

*Robert Knapp
Jeffrey Seib
Edward Beier
Glenn Partelow*

Excused:

Robbyn Mackler

City staff present were:

*Beth Dawson - Landscape Architect
Jordan Myers - Environmental Planning Technician*

C MINUTES

1 MEETING MINUTES OF THE OCTOBER 25, 2019 BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE MEETING

Pass

Motion made to approve as presented made by Committee Member Knapp and seconded by Committee Member Partelow

Approved - 4 - Committee Member Edward Beier, Chairman Jeffery Seib, Committee Member Glenn Partelow, Committee Member Robert Knapp

D OLD BUSINESS

2 MONARCH BUTTERFLY AND OTHER POLLINATORS

Mr. Podduturu M. Reddy gave a presentation which is attached to these minutes.

Members of the public asked various questions about the habits of the Monarch butterflies, including how far south they fly, where does one purchase milkweed, etc. Mr. Reddy provided answers to these questions.

Chair Seib informed the BEAC members and the members of the public about the BEAC's previous discussion regarding the City of Palm Coast becoming a Monarch Butterfly City. Ms. Dawson clarified that the next steps involve taking a landscape plan to the City's Parks' Team to have them review and approve the plan. Ms. Dawson clarified some suggestions on the plan for pricing of and proposed materials to be used. Ms. Dawson clarified the choice of location for the Monarch garden was ammended to be at the Turtle sculpture at Hollard Park (near the Historical Society building). Ms. Dawson clarified that she intends to discuss with the Parks' Team about the need for irrigation in this location.

Ms. Dawson also mentioned a second location at the rain garden behind City Hall. A discussion ensued about the limited City Staff that is available to establish and maintained these gardens.

Chair Seib will work with Mr. Reddy on a Monarch Butterfly Plan and have it ready for the BEAC's January 2020 meeting. Ms. Dawson will send a plan for the existing rain garden at City Hall for the BEAC members to have an idea of the dimensions of the proposed garden area.

Received and Filed

3 CLIMATE CHANGE AND BIRD POPULATIONS REPORT

Chair Seib gave a presentation on this agenda item which is attached to these minutes.

Discussion ensued among the BEAC members about preserving wetland areas as well the original platting of Palm Coast.

Received and Filed

E NEW BUSINESS

F PUBLIC PARTICIPATION

G DISCUSSION OF MATTERS NOT ON THE AGENDA

Ms. Dawson discussed a request to delay the BEAC members' presentation to the Planning and Land Development Regulation Board (PLDRB) regarding Sea Level Rise and Climate Change till the January 15, 2020 PLDRB meeting. Ms. Dawson asked if all the BEAC members would be attending the January PLDRB meeting.

Ms. Myers gave an update to the BEAC members about the timing of the Electric Charging Stations being scheduled for City Council review and approval of this plan. The workshop date is December 10th and the business meeting is scheduled for December 17th.

Ms. Dawson informed the BEAC members of the newest appointed member, Robbyn Mackler, who unfortunately could not attend this meeting but will be present for the January 23, 2020 meeting.

H ADJOURNMENT

Motion made that the meeting be adjourned by Mr. Knapp and the motion was seconded by Mr. Beier. The meeting was adjourned at 6:22PM.

*Respectfully Submitted by:
Irene Schaefer, Recording Secretary*

City of Palm Coast, Florida Agenda Item

Agenda Date: 1/23/2020

Department	PLANNING	Amount
Item Key	7656	Account
		#
Subject	ELECTION OF A VICE CHAIR TO THE BEAUTIFICATION AND ENVIRONMENTAL ADVISORY COMMITTEE	
Background :		
Recommended Action :		
Elect a Vice Chair to the Beautification and Environmental Advisory Committee.		

City of Palm Coast, Florida Agenda Item

Agenda Date: 1/23/2020

Department	PLANNING	Amount
Item Key	7646	Account
		#
Subject	THE MONARCH BUTTERFLY	
Background :	Continue the discussion of this project previously discussed by the BEAC members.	
Recommended Action :	Discussion purposes	

City of Palm Coast, Florida Agenda Item

Agenda Date: 1/23/2020

Department	PLANNING	Amount
Item Key	7659	Account
		#
Subject	DISCUSSION OF THE EAGLE IN FLIGHT DONATION	
Background:	Continue the discussion of this project previously discussed with the BEAC members.	
Recommended Action :	Presentation purposes	

City of Palm Coast, Florida Agenda Item

Agenda Date :1/23/2020

Department	PLANNING	Amount
Item Key	7647	Account
		#
Subject	NUTRIENT POLLUTION OF FRESHWATER CANALS IN PALM COAST	
Background :		
Recommended Action :		
For presentation purposes		

Freshwater Canal Pollution

- 58 miles of freshwater canals in PC
- Homes bordering canals are premium waterfront lots

Freshwater canal lot facts

- The area bordering the canal is not part of the homeowners property
- This land is an easement owned by the City

Canal lots showing property lines and city easement



Canal Lot Information

- At present, the easement area is not cleared in any initial lot clearing by the home builder
- Apparently, the homeowner can remove all vegetation on this easement except for any larger trees
- The homeowner then sods this easement area and it becomes part of their backyard

Cleared Lot and Easement



Cleared Easement



Continued



Lot and Easement Finished Product



Vegetation present in Uncleared Lots



Backyard with Easement Left Uncleared



Pollution Sources in Our Freshwater Canals

- Sewerage leaking from older pipes runoff
- Trash deposited along roadsides
- Pesticides from yard and swale/ditch spraying
- Lawn mowing and yard waste
- Yard lawn fertilizer runoff

Canal Mostly Clear of Algal Growth



Pollution Progression

- When pesticide runoff enters the canals it has the same effect as on land in that bugs, aquatic life is killed and decomposes on the canal bed
- Yard waste such as grass clippings also dies and adds to a muck/sediment bed
- Fertilizer runoff stimulates green plants like algae that overgrow while using up all the fertilizer then die and remove oxygen from the canal

Same Canal with Total Algae Buildup



Airboat clearing algae growth



Algae Scooper



Diagram of lot, easement,
canal, and street

easement

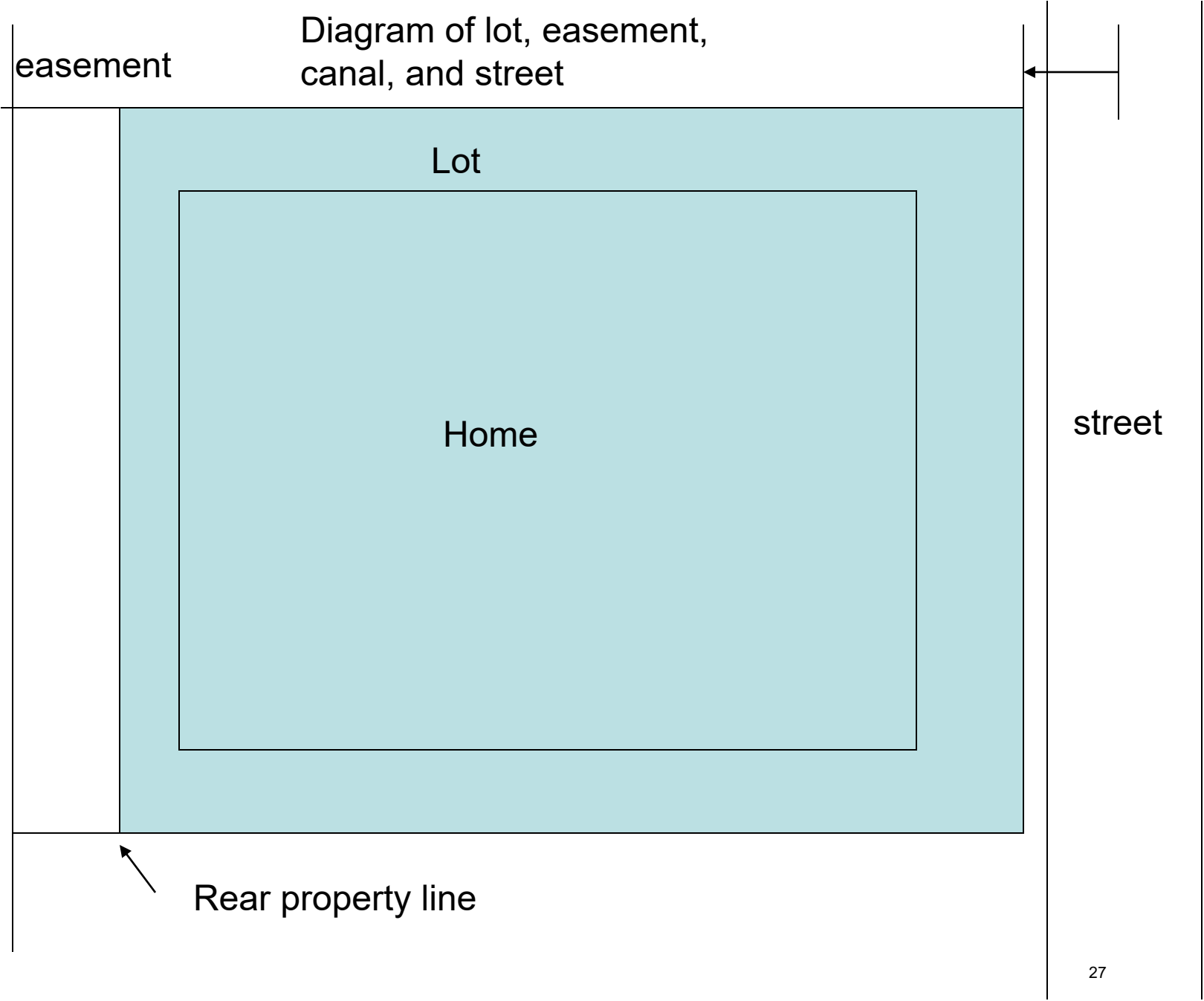
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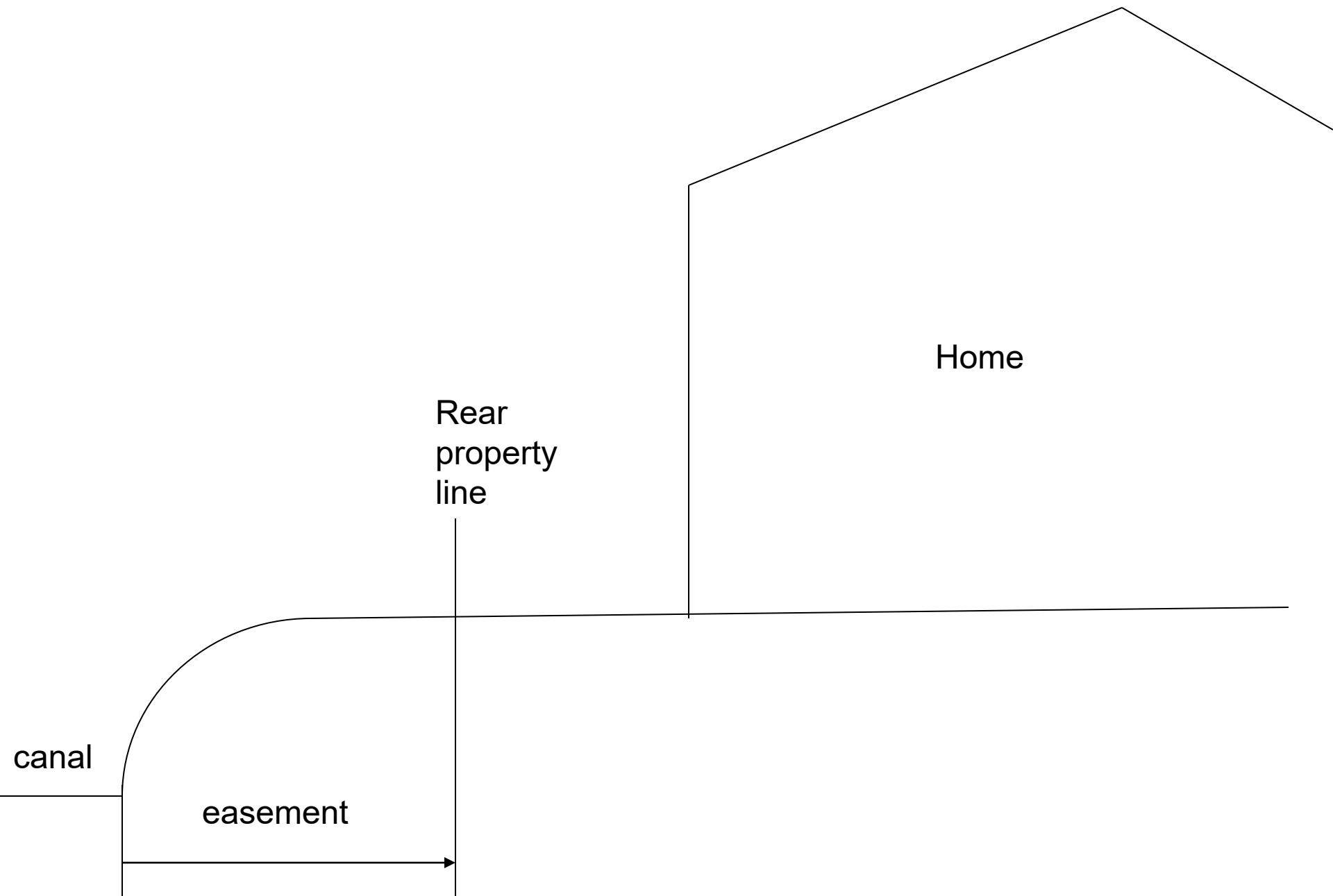
Home

canal

street

Rear property line

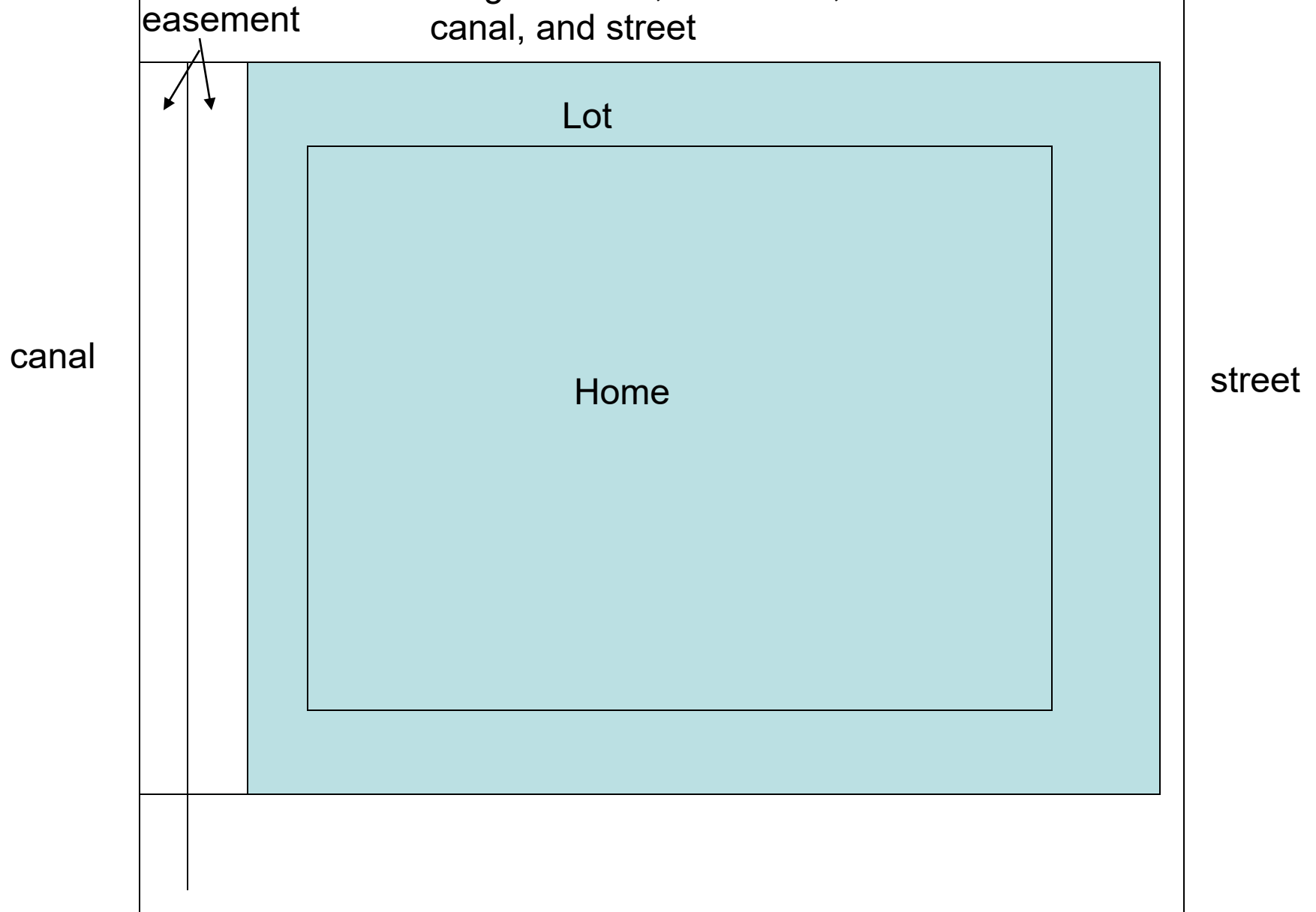


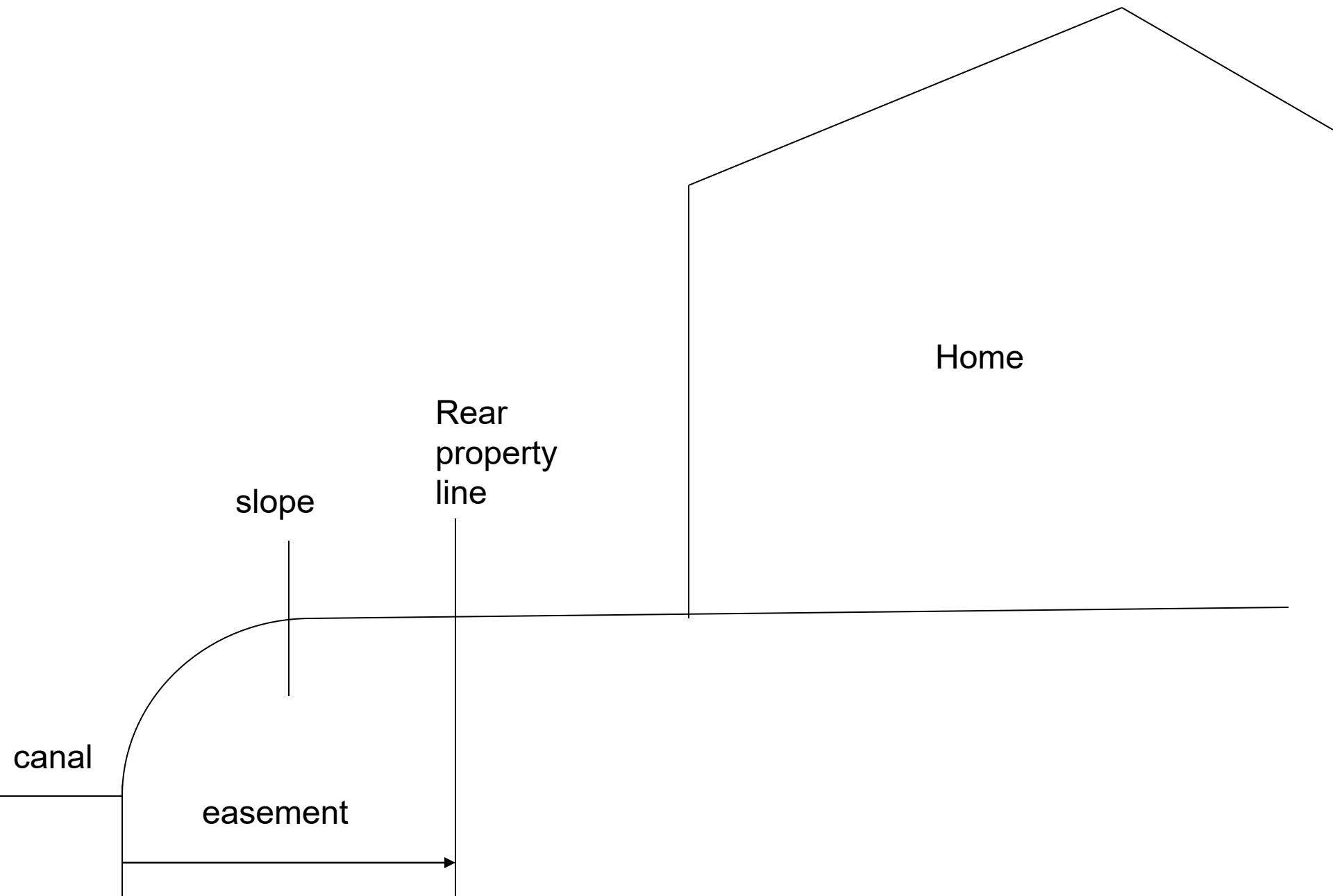


Possible Solutions to Nutrient Overload

- Identify an area that the homeowner cannot clear of the city easement property adjacent to the canal
- The simplest area would be the slope down to the canal waters edge

Diagram of lot, easement, canal, and street





Proposal

- City code that all freshwater canal waterfront lots leave the slope of the canal uncleared to reduce or prevent yard wastes, pesticides and fertilizers from entering the canal

City of Palm Coast, Florida Agenda Item

Agenda Date: 1/23/2020

Department	PLANNING	Amount
Item Key	7660	Account
		#
Subject	DISCUSSION OF VINNIE THE VAN GOGH TURTLE DONATION AND FUTURE GOLF PROPOSAL	
Background :		
Recommended Action : For discussion purposes		











