



THE SUNRISE CITY
FORT PIERCE
ENGINEERING
DEPARTMENT

Florida



To : Vennis Gilmore, Planner

FROM : John R. Andrews, P.E., City Engineer

**RE : Bent Creek Tract B-2 Final Plat
TRC No. 19-41000002**

DATE : August 7, 2020

RECEIVED
AUG 07 2020
CITY OF FORT PIERCE
PLANNING & ZONING

This is to advise you that we have completed the review of the following documents as received by this office on August 7, 2020:

- Final Plat Application
- Test Reports & Related Documents
- Record Drawings
- Clearances from all applicable Local, State and Federal Agencies
- Engineer's Cost Estimate
- Certificate of Completion
- Permits from applicable Local, State & Federal Agencies

Based on our reviews and appropriate site final inspection, we

- Recommend w/ conditions
- Do Not Recommend
- Final Plat Approval
- Building Permit
- C/O

Developer, Owner, Engineer, Contractor and other members of the Development Team must be aware, the above recommendation is based only on the construction requirements of the engineering plans and other engineering documentation approved by this department. The Development Team shall be responsible for the compliance with other City department requirements and all approved documents, as well as Local, State and Federal regulations. The development requirements for this project may necessitate additional construction requirements that are not subject to this department's review for approval.

- See attached for engineering advisory comment

ENGINEERING ADVISORY COMMENT:

1. Prior to final plat execution, the appropriate bonding mechanism must be in place ensuring construction completion of all outstanding infrastructure (sidewalks, roadways, drainage, utilities, curb, striping, etc.); for specific information please refer to the City of Fort Pierce Code of Ordinances Section 121-12.

JRA/TST/tst

TST

PRM INSPECTION

Tracy Telle

From: Greg Fleming <gregf@nsgeo.com>
Sent: Friday, August 07, 2020 9:47 AM
To: Tracy Telle
Subject: Bent Creek Plat B-2

SECURITY WARNING: This email originated outside of the City of Fort Pierce systems. Please use caution when clicking links or opening attachments. For questions or concerns please contact IT immediately. .

Tracy,
The PRM inspection for this plat was successfully completed. All of my previous comments have been addressed. I'm not able to access my desk computer to send you a formal review letter until Monday.
Thanks
Greg

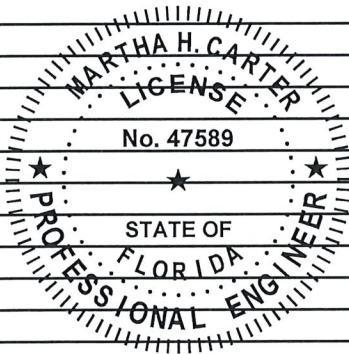
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Gregory S. Fleming, PSM
President
NorthStar Geomatics, Inc.
ph. 772.781.6400 ext 101
cell 772-485-1415
www.nsgeo.com

MICHAEL B. SCHORAH & ASSOCIATES, INC.
 1850 FOREST HILL BLVD., SUITE 206
 WEST PALM BEACH, FL 33406
 (561) 968-0080
 EB#2438

PROJECT: BENT CREEK PUD PARCEL B-2
 JOB NO.: 1749
 BY: AMG DATE: 11/26/2019
 CHECKED BY: MHC
 SHEET NO: 1 OF 6
 REVISED: 8/6/2020

SUBJECT: OPINION OF COST - SUMMARY

ITEM	TOTAL
GENERAL CONDITIONS - APPROVED FP ENG. (ATTACHED EMAIL)	\$253,500.00
WATER - APPROVED FPJA (ATTACHED EMAIL)	\$179,130.00
SANITARY - APPROVED FPJA (ATTACHED EMAIL)	\$327,496.00
PAVING - APPROVED FP ENG. (EMAIL)	\$786,123.75
DRAINAGE - APPROVED FP ENG. (EMAIL)	\$576,830.00
LANDSCAPE - APPROVED PAUL BELTRAM (EMAIL)	\$74,371.65
IRRIGATION - APPROVED PAUL BELTRAM (EMAIL)	\$40,000.00
TOTAL	\$2,237,451.40



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
 MARtha H. CARTER, P.E. ON THE DATE ADJACENT TO THE
 SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED
 SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON
 ANY ELECTRONIC COPIES.

Digitally signed
 by Martha H
 Carter
 Date: 2020.08.06
 14:37:24 -04'00'

Martha H. Carter, P.E.
 Florida Registration No. 47589

Date:

FP ENG. APPROVAL

Tracy Telle

From: Brian Nolan <BNolan@lucidodesign.com>
Sent: Thursday, August 06, 2020 4:25 PM
To: Tracy Telle; Vennis Gilmore
Cc: John Andrews; Linda Cox
Subject: RE: Bent Creek B-2 Engineer's Cost Estimate

SECURITY WARNING: This email originated outside of the City of Fort Pierce systems. Please use caution when clicking links or opening attachments. For questions or concerns please contact IT immediately. .

Tracy,

Thank you. I believe with your approval, all cost estimates for on-site are now approved, as we received approval from Mr. Bertram on the LA costs and approval from FPUA on the water/wastewater. Lennar will not transition to getting the bond in form for submittal to the City.

We're continuing to address the County's comments, which I believe you (Tracy) were copied on. Once we have the County's approval, Lennar will then transition into getting that bond in place and submitted to the City and County for approval.

Respectfully,

Brian Nolan, AICP, ASLA
Senior Landscape Architect
Lucido & Associates



lucido&associates

701 SE Ocean Blvd. Stuart, Florida 34994

tel: 772.220.2100

fax: 772.223.0220

web: www.lucidodesign.com

email: bnolan@lucidodesign.com

From: Tracy Telle <ttelle@cityoffortpierce.com>
Sent: Thursday, August 6, 2020 4:15 PM
To: Vennis Gilmore <vgilmore@cityoffortpierce.com>
Cc: John Andrews <jandrews@cityoffortpierce.com>; Linda Cox <lcox@cityoffortpierce.com>; Brian Nolan <BNolan@lucidodesign.com>
Subject: FW: Bent Creek B-2 Engineer's Cost Estimate

The Engineer's Opinion of Cost for the on-site grading, paving and drainage items (sheets 2, 5, and 6) has been approved by this department. Please note that the final plat will not be recorded until the proper bonding mechanism is in place and confirmation of an approved PRM inspection has been issued by Northstar Geomatics.

Tracy S. Telle | Assistant City Engineer | City of Fort Pierce

Engineering Department

Phone: 772.467.3776 Fax: 772.460.6847 100 North U.S. 1, Fort Pierce, FL 34950

[Website](#) | [Facebook](#) | [Survey](#)



From: Brian Nolan <BNolan@lucidodesign.com>

Sent: Thursday, August 06, 2020 3:35 PM

To: Tracy Telle <ttelle@cityoffortpierces.com>

Cc: John Andrews <jandrews@cityoffortpierces.com>; Linda Cox <lcx@cityoffortpierces.com>; Vennis Gilmore <vgilmore@cityoffortpierces.com>

Subject: RE: Bent Creek B-2 Engineer's Cost Estimate

SECURITY WARNING: This email originated outside of the City of Fort Pierce systems. Please use caution when clicking links or opening attachments. For questions or concerns please contact IT immediately. .

Tracy,

See attached revised cost estimate bumping mobilization to 6% of const. cost, up to \$120,000 from \$30,000.

Respectfully,

Brian Nolan, AICP, ASLA

Senior Landscape Architect

Lucido & Associates



701 SE Ocean Blvd. Stuart, Florida 34994

tel: 772.220.2100

fax: 772.223.0220

web: www.lucidodesign.com

email: bnolan@lucidodesign.com

From: Tracy Telle <ttelle@cityoffortpierces.com>

Sent: Thursday, August 6, 2020 2:39 PM

To: Brian Nolan <BNolan@lucidodesign.com>

Cc: John Andrews <jandrews@cityoffortpierces.com>; Linda Cox <lcx@cityoffortpierces.com>; Vennis Gilmore <vgilmore@cityoffortpierces.com>

Subject: RE: Bent Creek B-2 Engineer's Cost Estimate

Yes

Tracy S. Telle | Assistant City Engineer | City of Fort Pierce

Engineering Department

Phone: 772.467.3776 Fax: 772.460.6847 100 North U.S. 1, Fort Pierce, FL 34950

[Website](#) | [Facebook](#) | [Survey](#)



From: Brian Nolan <BNolan@lucidodesign.com>

Sent: Thursday, August 06, 2020 2:02 PM

To: Tracy Telle <ttelle@cityoffortpiece.com>

Cc: John Andrews <jandrews@cityoffortpiece.com>; Linda Cox <lcox@cityoffortpiece.com>; Vennis Gilmore <vgilmore@cityoffortpiece.com>

Subject: RE: Bent Creek B-2 Engineer's Cost Estimate

SECURITY WARNING: This email originated outside of the City of Fort Pierce systems. Please use caution when clicking links or opening attachments. For questions or concerns please contact IT immediately. .

Thank you, Tracy. By certified, do you mean signed and sealed?

Respectfully,

Brian Nolan, AICP, ASLA

Senior Landscape Architect

Lucido & Associates



lucido&associates

701 SE Ocean Blvd. Stuart, Florida 34994

tel: 772.220.2100

fax: 772.223.0220

web: www.lucidodesign.com

email: bnolan@lucidodesign.com

From: Tracy Telle <ttelle@cityoffortpiece.com>

Sent: Thursday, August 6, 2020 1:32 PM

To: Brian Nolan <BNolan@lucidodesign.com>

Cc: John Andrews <jandrews@cityoffortpiece.com>; Linda Cox <lcox@cityoffortpiece.com>; Vennis Gilmore <vgilmore@cityoffortpiece.com>

Subject: FW: Bent Creek B-2 Engineer's Cost Estimate

Brian,

The mobilization cost seems a little low compared to recent City projects. Will you please have the engineer update the mobilization lump sum price of \$30,000 to \$150,000 and send a certified copy back to us for final approval?

Thank you,

Tracy S. Telle | Assistant City Engineer | City of Fort Pierce

Engineering Department

Phone: 772.467.3776 Fax: 772.460.6847 100 North U.S. 1, Fort Pierce, FL 34950

[Website](#) | [Facebook](#) | [Survey](#)



From: Brian Nolan <BNolan@lucidodesign.com>

Sent: Thursday, August 06, 2020 11:05 AM

To: Tracy Telle <ttelle@cityoffortpierces.com>

Cc: John Andrews <jandrews@cityoffortpierces.com>; Linda Cox <lcox@cityoffortpierces.com>; Vennis Gilmore <vgilmore@cityoffortpierces.com>

Subject: RE: Bent Creek B-2 Engineer's Cost Estimate

SECURITY WARNING: This email originated outside of the City of Fort Pierce systems. Please use caution when clicking links or opening attachments. For questions or concerns please contact IT immediately. .

Good morning Tracy,

Attached for your review is the revised on-site cost estimate, as revised per your comments. I also attached your marked-up estimate for reference.

Respectfully,

Brian Nolan, AICP, ASLA

Senior Landscape Architect

Lucido & Associates



lucido & associates

701 SE Ocean Blvd. Stuart, Florida 34994

tel: 772.220.2100

fax: 772.223.0220

web: www.lucidodesign.com

email: bnolan@lucidodesign.com

From: Tracy Telle <ttelle@cityoffortpierce.com>

Sent: Wednesday, August 5, 2020 5:04 PM

To: Brian Nolan <BNolan@lucidodesign.com>

Cc: John Andrews <jandrews@cityoffortpierce.com>; Linda Cox <lcx@cityoffortpierce.com>; Vennis Gilmore <vgilmore@cityoffortpierce.com>

Subject: Bent Creek B-2 Engineer's Cost Estimate

Brian,

We have reviewed the quantities and the unit prices and offer the attached requested revisions. The unit prices are based on current City contract prices for roadway work.

Let me know if you have any questions.

Tracy S. Telle | Assistant City Engineer | City of Fort Pierce

Engineering Department

Phone: 772.467.3776 Fax: 772.460.6847 100 North U.S. 1, Fort Pierce, FL 34950

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FPUA'S APPROVAL

Tracy Telle

From: Brian Nolan <BNolan@lucidodesign.com>
Sent: Wednesday, August 05, 2020 8:24 AM
To: James Carnes; Vennis Gilmore
Cc: Tracy Telle; Jennifer Hofmeister; Linda Cox; mlac@schorah.com
Subject: RE: Bent Creek - B-2 Plat

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Thank you, sir!

Respectfully,

Brian Nolan, AICP, ASLA
Senior Landscape Architect
Lucido & Associates



701 SE Ocean Blvd. Stuart, Florida 34994
tel: 772.220.2100
fax: 772.223.0220
web: www.lucidodesign.com
email: bnolan@lucidodesign.com

From: James Carnes <jcarnes@fpua.com>
Sent: Wednesday, August 5, 2020 7:36 AM
To: Brian Nolan <BNolan@lucidodesign.com>; Vennis Gilmore <vgilmore@cityoffortpierce.com>
Cc: Tracy Telle <ttelle@cityoffortpierce.com>; Jennifer Hofmeister <jhofmeister@cityoffortpierce.com>; Linda Cox <lcox@cityoffortpierce.com>; mlac@schorah.com
Subject: RE: Bent Creek - B-2 Plat

The water and sewer portion of the provided costs looks appropriate.



JAMES CARNES III, P.E.
Supervising Engineer
W/WW Engineering Department
Fort Pierce Utilities Authority
1701 S. 37th Street,
Fort Pierce, FL 34984
772.466.1600 Ext. 3472
772.468.2414 Fax

From: Brian Nolan [<mailto:BNolan@lucidodesign.com>]

Sent: Tuesday, August 4, 2020 4:06 PM

To: James Carnes <jcarnes@fpu.com>; Vennis Gilmore <vgilmore@cityoffortpierce.com>

Cc: Tracy Telle <ttelle@cityoffortpierce.com>; Jennifer Hofmeister <jhofmeister@cityoffortpierce.com>; Linda Cox <lcox@cityoffortpierce.com>; mlac@schorah.com

Subject: Bent Creek - B-2 Plat

CAUTION: This email originated from outside of FPUA. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon James,

We're needing to prepare the required bond and surety to accompany the Final Plat for Bent Creek – Tract B-2. Can you please review the attached Engineer's Estimate for on-site water and sewer and provide me with any comments/corrections you have? Please do not hesitate to contact either myself or Mike LaCoursiere.

Vennis, can you please coordinate with Paul Bertram or other applicable parties to provide a review of the Landscape Architect's Estimate for the proposed street trees and littoral plantings?

Respectfully,

Brian Nolan, AICP, ASLA

Senior Landscape Architect

Lucido & Associates



lucido&associates

701 SE Ocean Blvd. Stuart, Florida 34994

tel: 772.220.2100

fax: 772.223.0220

web: www.lucidodesign.com

email: bnolan@lucidodesign.com

Please note: Florida has a very broad public records law. Most written communications to or from Fort Pierce Utilities Authority employees regarding government business are public records, available to the public and media upon request. Your e-mail communications may be subject to public disclosure.

(For additional information, go to <https://www.fpu.com/Information/PrivacyInformation.aspx>)

PAUL BERTRAM'S APPROVAL

Tracy Telle

From: Brian Nolan <BNolan@lucidodesign.com>
Sent: Wednesday, August 05, 2020 11:59 AM
To: Vennis Gilmore
Cc: Jennifer Hofmeister; Alicia Rosenthal; Linda Cox; Tracy Telle; John Andrews; mlac@schorah.com; Paul Bertram
Subject: RE: Bent Creek - B-2 Plat

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Very kind words, Paul; thank you! On that, and in following up with the Mayor's comments at the Commission hearing the other night...Going back many months, we began discussions with the previous Director of Planning to incorporate appropriate street tree species and planting locations, in consideration of the 50' ROW, utility locations, driveway locations, etc. I'd like to meet with you to review the street tree plans and tree list that we prepared for the existing sections of Bent Creek. We need to address this prior to the the second reading of the CDD, so please let me know when you're available to meet and discuss options.

Respectfully,

Brian Nolan, AICP, ASLA
Senior Landscape Architect
Lucido & Associates



701 SE Ocean Blvd. Stuart, Florida 34994
tel: 772.220.2100
fax: 772.223.0220
web: www.lucidodesign.com
email: bnolan@lucidodesign.com

From: Vennis Gilmore <vgilmore@cityoffortpierce.com>
Sent: Wednesday, August 5, 2020 11:40 AM
To: Brian Nolan <BNolan@lucidodesign.com>
Cc: Jennifer Hofmeister <jhofmeister@cityoffortpierce.com>; Alicia Rosenthal <arosenthal@cityoffortpierce.com>; Linda Cox <lcox@cityoffortpierce.com>; Tracy Telle <ttelle@cityoffortpierce.com>; John Andrews <jandrews@cityoffortpierce.com>; mlac@schorah.com; Paul Bertram <pbertram@cityoffortpierce.com>
Subject: FW: Bent Creek - B-2 Plat

Good Morning Brian,

Please see the forwarded email of Paul's review of the Landscape Architect's Estimate. Let me know if you need anything else.

Best Regards,
Vennis Gilmore

Vennis Gilmore | Planner | City of Fort Pierce

Planning Department
Phone: 772.467.3741 Fax: 772.466-5808 100 North U.S. 1 Fort Pierce, FL 34950

[Website](#) | [Facebook](#) | [Survey](#)



From: Paul Bertram <pbertram@cityoffortpiece.com>
Sent: Wednesday, August 05, 2020 5:06 AM
To: Vennis Gilmore <vgilmore@cityoffortpiece.com>
Cc: Jennifer Hofmeister <jhofmeister@cityoffortpiece.com>; Rebeca Guerra <rguerra@cityoffortpiece.com>; Alicia Rosenthal <arosenthal@cityoffortpiece.com>
Subject: RE: Bent Creek - B-2 Plat

Good morning Mr. Gilmore,

Please see my comments regarding the plant species list for the above subject plan.

1. Drake Elm; Beautiful tree, size and price of the tree's sound correct. With the bark color and the tree's appearance it will be a nice tree for the area. Elm Tree's should not be planted too close to sidewalks or foundations, roots are shallow and can cause issues with concrete and sewer pipes. The tree also will require that it be staked correctly and additional time with the stakes in place to insure proper stability of the tree.
2. Shrubs; Great selection of flowering aquatic plant material, should create a fantastic display of color around the wetlands.

I think it's a breath of fresh air to see a new selection of plant material introduced to the area.

From: Vennis Gilmore <vgilmore@cityoffortpiece.com>
Sent: Tuesday, August 4, 2020 5:07 PM
To: Paul Bertram <pbertram@cityoffortpiece.com>
Cc: Jennifer Hofmeister <jhofmeister@cityoffortpiece.com>; Alicia Rosenthal <arosenthal@cityoffortpiece.com>; Maria Lewicka <mlewicka@cityoffortpiece.com>
Subject: FW: Bent Creek - B-2 Plat

Hi Paul,

Please see the attached Cost Estimate packet for the Bent Creek Tract B-2 Plat. One of the cost estimates is for landscaping. Please review and provide comments to the Planning Department as soon as possible. We will be having our staff meeting this Thursday instead of Tomorrow. Maybe we can discuss this on Thursday.

Best Regards,
Vennis Gilmore