

CITY OF HALLANDALE BEACH, FLORIDA
MEMORANDUM

DATE: December 8, 2016

TO: Jennifer Frastai, Interim City Manager

FROM: Steven F. Parkinson, P.E., PWLF, Director, Department of Public Works

SUBJECT: 90% Landscaping Plans NE 14 Avenue

On February 3rd, 2016, the City Commission approved Resolution 2016-22 awarding the design services to Craven Thompson & Associates NE 14 Avenue Landscaping Improvements. Attached are the 90% design landscaping plans.

Craven Thompson's landscaping architect has provided the following explanations for the proposed planting material shown on the attached drawings.

"Attached are tree images for reference for the trees and palms in the drawings. The images are labeled with their respective plant code to reference with the drawings. Unfortunately, due to the utility conflicts both above ground and below ground on both sides of the road, our available options and sizes that can be planted are limited. I have also included FPL's flyer (Attachment A) that explains the restrictions that they have near overhead lines and recommended plant material for under and adjacent to the lines. We can choose from the small palm and small tree list. The west side of the road has overhead power lines the entire length of the project. In order to plant any tree with a mature height greater than 20', it is required to be planted a minimum of 20' from the lines. This would place the trees out into the road. The west side of the road also has an existing 48" - 60" storm sewer pipe that runs the length of the project down the middle of the swale, segments of gas line and underground electrical, that we cannot plant trees on top of. The east side of the road has an existing water main that runs the length of the project along where the new parking and planter bump outs are planned. Because the water main is in such close proximity we did not want to recommend any trees that would have potentially damaging roots. There are also segments of gas line along the east side of the road as well. Some of the trees and palms will require root barrier where they are close to utilities. (Attachment B).

Due to what FPL will allow, the trees that are proposed are all smaller slow growing trees, and are usually planted as such. Because of this, if larger mature material is desired, availability in larger sizes is limited and may require sourcing the plant material early and from multiple locations. The design has the small trees grouped in clusters to strengthen their impact on the streetscape. Below is a brief description of each tree and palm.

CS- Silver Buttonwood Tree

Commonly used under power lines because it is among one of the taller options that can be planted under power lines. Creates a mint silver contrast with the other darker green landscape.



MF- Simpson's Stopper multi-trunk tree

Evergreen and has an attractive brown cinnamon color bark. Can be pruned to expose lower branching



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CW- White Geiger Tree

Similar to the orange Geiger, but with white flowers



ROX- Royal Palms

Planted next to the pump stations as requested by the residents



VEX- Veitchia merrilii

Small palm that can be planted adjacent to power lines. Will serve as additional screening against the pump stations.



VMT- Montgomery Palm

Medium sized palm that mimics the same style and texture of the Vietchia merrilii palm planted on the opposite side of the road. Will be planted in the landscape bump outs to balance the palm character used on the opposite side of the road.



The following shrubs will be installed along the corridor:

1. CRO - Queen Emma Crinum (36"height X 36"spread):



2. CME - Emerald Blanket Carissa (12"height X 14"spread):



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3. CLG – Small Leaf Clusia (30"height X 24"spread)



4. CG2 – Small Leaf Clusia (5'height X 3'spread)



5. *CES – Silver Buttonwood (30"height X 24" spread):*



6. *FMG – Green Island Ficus (12"height X 12"spread):*



7. *HYL – Spider Lily (18”height X18”spread)*



8. *MUC – Pink Muhly (24”height X 24”spread)*



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9. ZAP - Coontie (18"height X 18"spread)



If you have any questions or need further information, please feel free to contact me at (954) 457-3042.

Prepared By: _____
Mariana Pitiriciu, PE

Reviewed:

Jennifer Frastai, Interim City Manager

Date

___ Approved

___ Denied

___ Hold for Discussion

Comments:

SFP/MP

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