

# *McGee & Associates*

## Landscape Architecture

**Project:** LELY GOLF ESTATES BEAUTIFICATION, M.S.T.U.      **Landscape Observation Report:** July 2017 – August 2017  
**Location:** MSTU DISTRICT ROADWAYS  
**Project Manager:** Collier County Public Services Division, Public Transportation & Neighborhood Enhancements Department  
**Consultant:** McGee & Associates      **Consultant's Representative:** Michael A. McGee, rla, isa  
**Contractor:** Commercial Land Maintenance      **Contractor's Representative:** Robert Kindelan  
**Report Date:** FY16-17, 08/08/17      **Observation Date:** 08/08/17      **Report No.** 11

**AC** - Indicates major or repeating items recommended to be discussed by the Advisory Committee

**S** - Indicates items to be addressed by staff.    **C** - Indicates items to be addressed by Contractor

Contractor is requested to address items as soon as possible and indicate in **RESPONSE/COMMENTS** column when and which items are corrected.

**Note:** Copy picture out of comment boxes and then paste to additional sheet if picture is desired in larger size.

<u>LOCATION/WORK AREA</u>	<u>AC</u>	<u>S</u>	<u>C</u>	<u>R</u>	<u>OBSERVATION &amp; RECOMMENDATIONS</u>	<u>RESPONSE or COMMENTS</u>
<u>All locations</u>			X		It is recommended that during the next scheduled major palm tree pruning that all the Sabal palms with loosing boots have the boots removed during the pruning. Contractor should provide unit price proposal for this added service.	
			X		Remove Foxtail palm seed stalks.	
<u>St. Andrews Blvd. &amp; US 41</u> <u>In bound R/W South</u>			X	7	(5) Flax lily plants are dead and/or missing behind the roadside bench at the newsstand area.	
<u>Out bound R/W North</u>		X	X	11	FPL work to relocate power pole has removed a number of dwarf Bougainvillea shrubs. Count and proposal needed to replace. (photo)	M&A: 2/8/17 Plantings on hold until FPL work and Committee renovation analysis is complete. M&A: 7/11/17 Spray weeds and mulch area to be replanted with shrubs.
<u>Suncoast Credit Union side of sidewalk</u>			X	24	Remove all turf weed filled turf areas along sidewalk edge and mulch areas.	
<u>St. Andrews Blvd.</u> <u>Median #1</u>						
<u>Median #2</u>						
<u>Median #3</u>			X	3	East end of median damaged by auto accident. (1) sabal palm, 95% of dwarf crown of thorn and (10) dwarf Bougainvillea damaged. Recommend removing all crown of thorn and replant areas with Perennial Peanut. Remove Sabal palm stump and do not replant. Replace dwarf Bougainvillea. (photo)	M&A: 7/11/17 Sabal palm removed.
<u>Median #4</u>						
<u>Median #5</u>						
<u>Median #6</u>			X	9	At address 256: West Foxtail palm has Ganoderma fungus. Monitor on weekly basis.	
<u>Median #7</u>						

**Design \* Environmental Management \* Planning \* Arborist**

5079 Tamiami Trail East / P. O. Box 8052 Naples, Florida 34101  
 Phone (239) 417-0707 \* Fax (239) 417-0708  
 LC 098 \* FL 1023A

Commented [MAM1]:



Commented [MM2]:



# McGee & Associates

Landscape Architecture

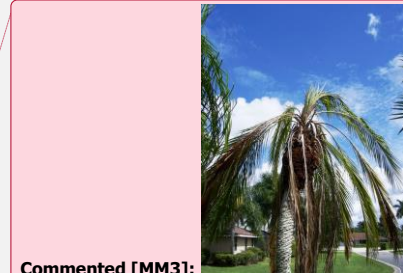
LELY GOLF ESTATES BEAUTIFICATION, M.S.T.U.

Report Date: FY16-17 08/08/17

Observation Date: 08/08/17

Report : 11

LOCATION/WORK AREA	AC	S	C	R	OBSERVATION & RECOMMENDATIONS	RESPONSE or COMMENTS
Median #8			X	3	The torpedo grass weeds have returned in the Plumbago and Bougainvillea beds and need to be addressed.	M&A: 08/08/17 Continue to review and treat as needed.
Median #8A			X	2	Prune off Foxtail palm seed stalks.	
Median #9			X	2	Prune off Foxtail palm seed stalks.	
Median #10			X	2	Prune off Foxtail palm seed stalks.	
Forrest Hills Blvd						
Median #11			X	2	Prune off Foxtail palm seed stalks.	
Median #12			X	2	Prune off Foxtail palm seed stalks.	
			X	2	The torpedo grass weeds are returning in the Bougainvillea shrubs at the north end of the median.	M&A: 08/08/17 Continue to review and treat as needed.
Forest Hills Cart Crossing & Lake			X		Review cutback Sand cordgrass around sign for replacement count.	
			X	2	Recommend additional fertilizing of Xanadu beds on lake side of roadway between sign and cart path. 17-5-11 at recommended rates.	
			X	2	Prune off Foxtail palm seed stalks.	
Valley Stream Cr. Median #13			X		North end Pigmy Date palm has Ganoderma fungus and needs to be removed as soon as possible. No replacement recommended at this time. (photo)	
Pebble Beach Blvd. Median #14			X	2	Prune off Foxtail palm seed stalks.	
Median #15			X	2	Prune off Foxtail palm seed stalks.	
			X	2	At address 32: Treat Torpedo grass weeds in Bougainvillea.	M&A: 08/08/17 Continue to review and treat as needed
Median #16			X	2	Prune off Foxtail palm seed stalks.	
			X	3	At address 59: The torpedo grass weeds have returned in the Bougainvillea and Juniper beds and need to be addressed.	M&A: 08/08/17 Continue to review and treat as needed
	X	X	X	13	At address 59: The middle Holly tree is in decline apparently due to a decaying main trunk hole due to previous pruning cut that did not heal and/or a large hole exposing the root system at the base of the tree created apparently by an animal. (photo) It is recommended to remove the tree and replace with a Queen's Crape Myrtle, Lagerstroemia speciosa at 4" cal., ≥ 10' ht., ≥ 6' crown dia., ≥ 40" dia. B&B root ball, container volume ≥ 100 gal.	M&A: Proposal being requested. M&A: 7/11/17 Tree remove.
Median #17						
Median #18			X	2	Prune off Foxtail palm seed stalks.	
Median #19			X	2	Prune off Foxtail palm seed stalks.	
Pebble Beach Blvd. Golf Cart Crossing			X		One Foxtail palm in northwest corner planting bed has been killed by lightning. Replacement is not necessary due to its close location to an existing Golf course Eucalyptus tree. (photo)	



Commented IMM31:



Commented IMM41:

# *McGee & Associates*

Landscape Architecture

LELY GOLF ESTATES BEAUTIFICATION, M.S.T.U.

Report Date: FY16-17 08/08/17

Observation Date: 08/08/17

Report : 11

<u>LOCATION/WORK AREA</u>	<u>AC</u>	<u>S</u>	<u>C</u>	<u>R</u>	<u>OBSERVATION &amp; RECOMMENDATIONS</u>	<u>RESPONSE or COMMENTS</u>
			X	2	Prune off Foxtail palm seed stalks.	
Thorncrest Ln. cul-de-sac #20			X	2	Treat to remove Torpedo grass weeds.	M&A: 08/08/17 Continue to review and treat as needed
Briarcliff Ln. Cu-de-sac #21						
Heather Grove Ln. Cul-de-sac #22			X	3	(6) Bougainvillea run over by large truck.	M&A: 6/7/17 Review at end of July for replacements if needed.
Baltusrol Signs	X	X		3	Based upon the overall performance of the dwarf crown of thorn in front of the signs it is recommended to consider replacement with Perennial Peanut plants. These plants will resolve any plant height issues with the sign lettering, but for good bloom color it is generally recommended that Perennial Peanut be exposed to 6 hours of sun daily.	M&A: 7/11/17 Recent heavy rains are creating fungus issues in dwarf Crown of thorns. Recommend removal and replacement with Perennial Peanut plants.
Doral Cr.						
East R/W			X	2	Torpedo grass weeds are in the Liriope beds around the benches.	M&A: 08/08/17 Continue to review and treat as needed
West R/W & Rattlesnake Hammock Rd.			X	2	Additional fertilizer is recommended for the first Foxtail palm west of Doral circle. 10 lbs. 13-3-13 palm special fertilizer.	
			X	8	31+/- Blueberry Flax lilies are declined, dead and/or missing in the bed along Rattlesnake Hammock Rd. These plants were planted and maintained by the contractor. Replacements should be installed.	
	X	X	X	25	Live Oak, Silver Buttonwood and Carrotwood trees hanging over the Podocarpus hedge on the east end along Rattlesnake Hammock need to be pruned back and/or upward to remove the canopy over the hedge.	M&A: 6/10/16 Trees on east end of hedge are overhanging less than ten feet over the sidewalk and they should be pruned up and back to the R/W line or fence. M&A: 9/5/16 Pruning to be addressed through code enforcement. M&A: 6/7/17 The foliage has extended to the edge of the sidewalk and is encompassing the Foxtail palms. This much foliage can sometimes cause palms to deflect their grown away from the encroaching foliage causing the palm trunk to have a lean.
Median #23			X	2	Prune off Foxtail palm seed stalks.	
			X	25	Please monitor the northernmost Foxtail palm because it has no apparent center spear emerging from the bud.	M&A: 10/12/16 Recommend removal by excavation and fill hole and mulch. M&A; 12/7/16 Palm will be continued to be reviewed monthly until spring. M&A: new center frond is emerging. M&A: 6/7/17 Two new fronds have emerged, but they are dwarfed in size. M&A: 7/11/17 Three new fronds and a center spear have developed.
Median #24 Treasure Point Cul-de-sac		X	X	3	One or two Bougainvillea needs to be added to the north side of the circle in front of the Sabal palm.	
Fertilization:			X		Refer to FY16-17 schedule for next fertilization. All turf and planting beds to receive	

# McGee & Associates

Landscape Architecture

LELY GOLF ESTATES BEAUTIFICATION, M.S.T.U.

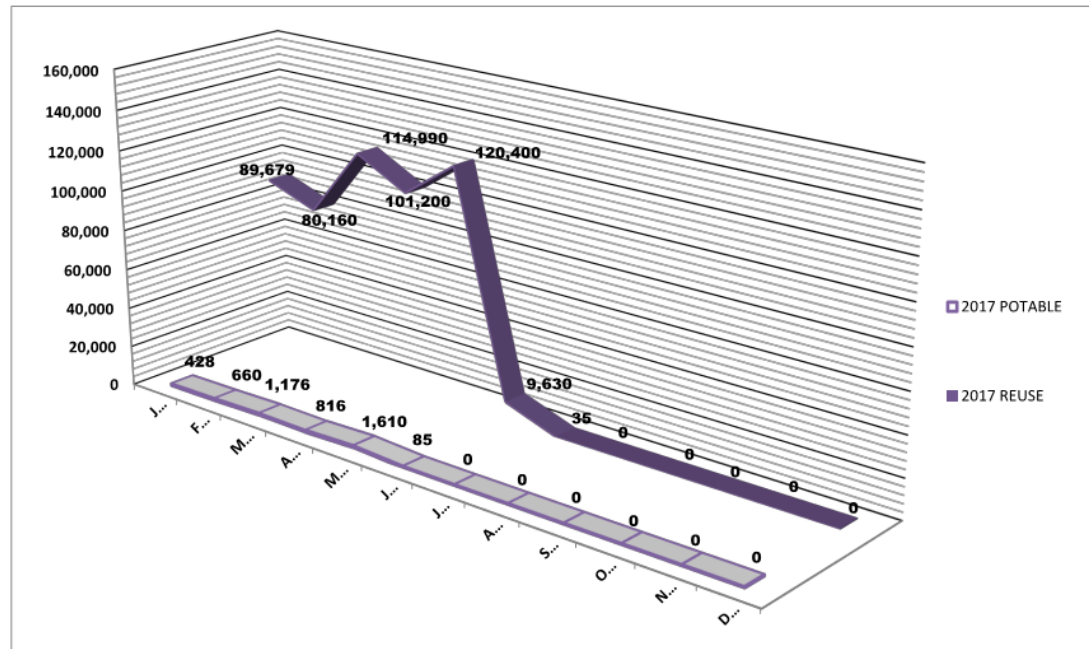
Report Date: FY16-17 08/08/17

Observation Date: 08/08/17

Report : 11

LOCATION/WORK AREA	AC	S	C	R	OBSERVATION & RECOMMENDATIONS	RESPONSE or COMMENTS
					application of 0-0-22 at 1 lb. per 100 s.f.	
Reuse Pump Station- Warren St.			X		July 2017: Potable water use 0 gallons; Reuse water use 35 gallons.	

Lely Golf Estates Beautification MSTU Reuse Mixing Chamber Annual Water Use thru 7/31/17



Notes: 2014 Total Water Use: Reuse-2,336,976 gallons, Potable- 0  
 2015 Total Water Use: Reuse - 1,795,449 gallons, Potable - 8,602 gallons  
 09/2016 Potable water meter readings not complete. 11/9/16 Meter cleaned and readable  
 2016 Total Water Use: Reuse 936,041 gallons, Potable 7,788 gallons.

8/8/2017

DATE	REUSE PSI	POTABLE WATER METER READING (X 1)	POTABLE WATER USE GALLONS	REUSE WATER METER READING (X x 100)	REUSE WATER USE GALLONS	TOTAL WATER APPLIED
7/3/2017	2	21,115.72		76,535.30		-
7/12/2017	1.5	21,115.72	-	76,535.30	-	-
7/18/2017	6	21,115.72	-	76,535.30	-	-
7/24/2017	0	21,115.72	-	76,535.65	35.00	35.00
8/1/2017	6	21,115.72		76,535.65		-
<b>TOTALS:</b>			<b>0.00</b>		<b>35.00</b>	<b>35.00</b>
<b>PERCENTAGE OF TOTAL VOLUME USED</b>			<b>0.0%</b>		<b>100.0%</b>	

DATE	POTABLE WATER METER READING (X x 100)	POTABLE WATER USE GALLONS	BERMAD WATER METER READING (X x 100)	BERMAD POTABLE WATER USE GALLONS
7/3/2017	624620.25		71,283.97	
7/12/2017	626130.04	1510	71,297.85	1388
7/18/2017	627640.03	1510	71,311.81	1396
7/24/2017	629150.77	1511	71,324.84	1303
8/1/2017	631470.3	2320	71,346.15	2131
<b>TOTALS:</b>		<b>6,850</b>		<b>6,218</b>