

McGee & Associates

Landscape Architecture

Project: LELY GOLF ESTATES BEAUTIFICATION, M.S.T.U.
Location: MSTU DISTRICT ROADWAYS
Project Manager: Darryl Richards, r.l.a., C.C.P.S.D. – A.T.M. Dept.
Consultant: McGee & Associates
Contractor: Commercial Land Maintenance
Report Date: FY13-14 01/20/14

Landscape Observation Report: August – September 2013
Consultant's Representative: Michael A. McGee, rla, isa
Contractor's Representative: Robert Kindelan
Observation Date: 01/20/14

Report No. 4

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.

Please return electronic copy to our office prior to next month's MSTU site review and meeting.

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>S</u>	<u>C</u>	<u>R</u>	<u>OBSERVATION & RECOMMENDATIONS</u>	<u>RESPONSE or COMMENTS</u>
St. Andrews Blvd. & US 41					
In bound R/W South		X		Directly in front of sign remove old and declining Bougainvillea and replant with (35) 3 gal. dwarf 'Helen Johnson' Bougainvillea.	
		X	3	Review dry and weed infested turf area in front of sign along US 41. Check irrigation coverage so that turf is watered to edge of culvert concrete end. Remove weeds and grasses and resod with St. Augustine. (photo)	Provide proposal.
		X	3	Royal Palm sign needs to be refurbished. (photo)	
		X		Review irrigation coverage at newspaper boxes. Turf and Allamanda are water stressed.	
		X	5	Prune Paurotis 1 foot behind back of sidewalk edge.	
		X	6	12 Allamanda shrubs are dead, died from last heavy cutback or in a declined state and need replacement. 3 – gal. size, prune dead wood out of all shrubs and provide count for replacements.	Provide proposal.
		X	11	Replant 5-3gal Bougainvillea Silhouette that were previously plant replacements or additions. (photo)	
Out bound R/W North		X	3	Plant one 3 gal. dwarf 'Helen Johnson' Bougainvillea in open area in front of sign along sidewalk.	
		X	6	Based upon continued decline and decline after heavy pruning it is recommended the following be implemented. Eastward between the controller and the Royal palm and 10 feet beyond the palm remove Allamanda and install 38- 3 gal., Variegated Arborciola 'Trinette' shrubs, 20 feet west of second Royal palm and between the palm and the Oak tree remove Allamanda and replace with 35- 3 gal. Variegated Arboricola 'Trinette' . 10 Allamanda shrubs are dead, died from last heavy cutback or in a declined state and need replacement. 3 – gal. size, prune dead wood out of all shrubs and provide count	Provide proposal.

Comment [s21]:



Comment [s22]:



Comment [s23]:



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				for replacements-	
	X		9	One of the sign lights needs to have the cover repaired. Screws are missing.	
		X	14	Cut and remove Oak tree roots that are above or lifting the asphalt pavement. (photo)	Provide proposal.
St. Andrews Blvd.					
Median #1		X		Turf is water stressed due to irrigation pump issue.	
		X		Annuals not developing well due to irrigation pump issue.	
Median #2		X		Turf is water stressed due to irrigation pump issue.	
Median #3		X		Turf is water stressed due to irrigation pump issue.	
	X	X	2	Auto accident at Washington palm bed. (4) Plumbago shrubs damaged.(photo)	Provide proposal.
Median #4		X		Remove dead foliage out of Juniper on east end.	
Median #5	X	X	2	Sight line Improvements: Viewing southeast from Pebble Beach Cr. onto St. Andrews Blvd. It is recommended to remove the first Plumbago shrub bed from the southwest end and the first 21 (+/-) ft. of the Firebush shrubs or to the second Queen Crape myrtle tree. To avoid future pruning it is further recommended to replant the areas with 1 gal. size Small leaf red crown of thorn or dwarf Oyster plants on 18 inch centers. Install three staggered rows offset 30 inches from the back of curbing.	Provide proposal with counts.
		X	2	At address 152: Plumbago appears water stressed. Review irrigation.(photo)	
		X	4	At address 161: Add 1- 3 gal. Plumbago.	Provide proposal. Hold replacements until sight line review is complete.
		X	11	At address 140 replace two missing Juniper parsoni 3 gal., west end	Provide proposal.
Median #6		X		Replacement Holly tree at Plumbago bed has defoliated from water stress. Review and replace if needed.	
		X	4	At address 240-243: Plumbago plantings are water stressed.	
		X	12	At address 232 & 228: Prune dead out of Plumbago shrubs and provide count for replacements, 3 gal. size. (photo)	Hold replacements until sight line review is complete.
Median #7					
Median #8		X		Plumbago shrubs are water stressed due to irrigation pump issue.	
Median #8A					
Median #9	X	X		Sight line Improvements: Viewing east from Valley Stream Cr. onto St. Andrews Blvd. It is recommended to remove the first 90 (+/-) Ln.ft. of dwarf Bougainvillea and 90 (+/-) Ln. ft. of Firebush shrubs from the west end. To avoid future pruning it is further recommended to replant the dwarf Bougainvillea shrub area with 1 gal. size Small leaf red crown of thorn or dwarf Oyster plants on 18 inch centers. Then replant the Firebush shrub area with Blueberry Flax lily. Install three staggered rows of Small leaf red crown of thorn offset 30 inches from the back of curbing and two rows of Flax lily set 30 inches	Provide proposal with counts.

Comment [s24]:



Comment [MAM5]:



Comment [MAM6]:



Comment [s27]:



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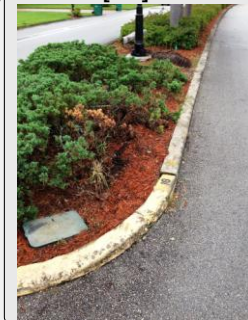
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LOCATION/WORK AREA	S	C	R	OBSERVATION & RECOMMENDATIONS	RESPONSE or COMMENTS
				off back of curbing and 30 inches on center.	
Median #10					
Forrest Hills Blvd					
Median #11					
Median #12		X		Plumbago shrubs are water stressed due to irrigation pump issue.	
		X		One replacement Juniper is dead and needs to be replaced.	
Forrest Hills Cart Crossing & Lake					
Valley Stream Cr. Median #13		X		Hand remove weeds.	
Pebble Beach Blvd.					
Median #14					
Median #15		X	14	Plant (2) – 3 gal. dwarf Bougainvillea 'Helen Johnson' shrubs at second Foxtail palm from south end.	If already included in previous proposal then plant. If not provide proposal and install with lighting project replacements.
Median #16		X	5	One Washington palm has died. Remove and grind stump.	Provide proposal. M&A: Stump grinding was to be part of removal process please review proposal and work order to confirm if it was to be included.
		X	5	Auto damage to Juniper on north end. Remove damaged, 6 – 3 gal. needed. Check sunken area at valve box to make sure there are no leaks. (photo)	Provide proposal.
Median #17		X	3	The northernmost 'Ipe' Tabebuia: prune off branches at yellow flagging. (photo)	
		X	3	Add (5) 3 gal. dwarf Bougainvillea in bed just south of light pole #15.	Provide proposal.
Median #18		X	6	South end Bougainvillea bed at first Ilex tree replace (2) 3 gal. dwarf Bougainvillea 'Helen Johnson' shrubs.	Provide proposal.
		X	14	South end Bougainvillea bed at third Foxtail palm replace (2) 3 gal. dwarf Bougainvillea 'Helen Johnson' shrubs.	If already included in previous proposal then plant. If not provide proposal and install with lighting project replacements.
Median #19					
Pebble Beach Blvd. Golf Cart Crossing		X	6	Review for replacements the Crown of thorn bed at the southeast corner of crossing.	Provide proposal.
Thorncrest Ln. cul-de-sac #20					
Briarcliff Ln. Cu-de-sac #21					
Heather Grove Ln. Cul-de-sac #22					
Baltusrol Signs		X	22	Provide proposal to install (2) 1- gal. Small leaf red crown of thorn on north side.	If already included in previous proposal then plant. If not provide proposal and install with lighting project replacements.

Comment [s28]:



Comment [s29]:



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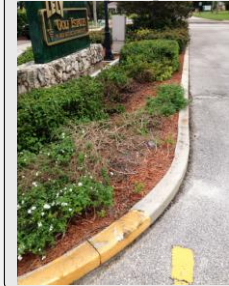
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Doral Cr.					
East R/W					
	X	X	5	Southernmost Tabebuia tree has been removed during utility construction.(photo see below)	
		X	9	Treat torpedo grass weeds in Liriope bed at benches. Not entirely removed	
	X		11	Sign removed during construction. Recommend moving pedestrian crossing sign to 3 feet off back of valley gutter. (photo)	
West R/W		X		Please review battery controller. It was observed running at around 4 PM with no services staff present.	
		X		Remove volunteer plants at the base and growing in of the Podocarpus shrubs adjacent to the fence and sidewalk. Snake plants, Carrotwood and other broadleaf volunteers.	
		X	5	Treat turf for broadleaf weeds as soon as weather permits.	
Median #23		X	4	Provide proposal to plant a 14'-16' oa. Ht.Tabebuia chrysostricha, Gold Trumpet Tree in location where palm was removed.	Provide proposal.
		X	5	Auto damage to Lantana and Bougainvillea on north end west side. 6 – Bougainvillea, 3-gal.and 8 – Lantana, 1 gal. 4-white, 4-Lavender (photo)	Provide proposal. Recommend not replacing until after utility project is completed.
Fertilization:				Please find attached FY13-14 fertilization schedule with amounts. Please let us know if the bag counts are too little or too much.	
Reuse Pump Station- Warren St.		X		Check reuse water filter prior to tank. It is leaking and may need to be cleaned.	
				Pump station water use and system scheduling still being reviewed by consultant and County Irrigation Project Manager. November 2013: Potable water use 0 gallons, Reuse water 139,214 gallons.	
Irrigation General:		X		Multiple turf areas and Plumbago shrubs are water stressed due to irrigation pump issue.	

Comment [s210]:

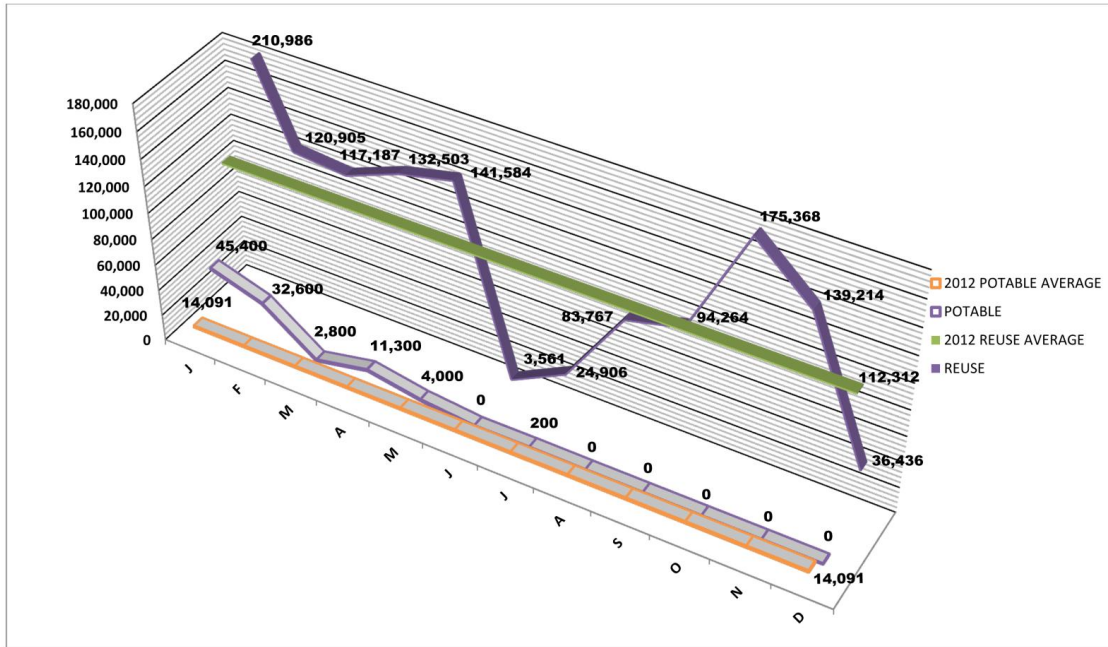


Comment [s211]:



LOCATION/WORK AREA	S	C	R	OBSERVATION & RECOMMENDATIONS	RESPONSE or COMMENTS
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Lely Golf Estates Beautification MSTU Reuse Mixing Chamber Annual Water Use thru 12/31/13



1/3/2014

DATE	DAY	TIME	REUSE PSI	POTABLE WATER METER READING (X x 1000)	POTABLE WATER USE GALLONS	REUSE WATER METER READING (X x 100)	REUSE WATER USE GALLONS	TOTAL WATER APPLIED
12/2/2103	M	8:30 AM	9	2945.2	0	2,031,054.00	0	0
12/10/2013	T	9:30 AM	6	2945.2	0	2,048,200.00	17146	17146
12/16/2013	M	8:30 AM	9.5	2945.2	0	2,064,253.00	16053	16053
12/23/2013	M	8:30 AM	7.5	2945.2	0	2,064,900.00	647	647
12/30/2103	M	8:00 AM	9	2945.2	0	2,064,900.00	0	0
1/1/2104	W	11:45 AM	7	2945.2	0	2,067,490.00	2590	2590
								0
DECEMBER 2013 TOTALS:						0.00	36,436.00	36,436.00
PERCENTAGE OF TOTAL VOLUME USED						0.0%	100.0%	