

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: 05/13/13

Landscape Observation Report: April - May 2013

Consultant's Representative: Michael A. McGee, rla, isa
Contractor's Representative: Robert Kindelan
Observation Date: 05/13/13

Report No. 8

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 | | Tip prune Arborcola shrubs behind entry sign to level of sign. | |
| | | X | 4 | Replant 6-3gal Bougainvillea Silhouette that were previous plant replacements or additions. (photo) | |
| | | X | 5 | Remove dead turf and replace.(photo) | |
| | | X | 6 | All beds need mulch. | |
| | | X | 6 | Remove stakes on Tabebuia tree at east end of parking lot. | |
| | | X | 14 | Multiple turf areas along roadway contain dead areas, broadleaf weeds, crabgrass and Bermuda grass. Treat areas to remove grasses or weeds and then prepare proposal to replace turf as needed.(Approx. 110 sq. ft.) | M & A: 5-13-13 – Dead turf areas have grown over with weeds and still need to be treated and new sod installed. |
| | | X | 9 | Prune Oak tree branches two feet back of sidewalk edge and away from light poles. | |
| | | X | 9 | Remove White Fountain grass out of Muhly grass. | |
| | | X | 11 | Prune entire stalks from under utility lines.(photo) | |
| | | X | 7 | At bench location just east of the Tuscany Villa driveway and news paper machines the turf around the bench needs to be treated for crabgrass. If treatment will remove more than 75% of the turf area then it is recommended to remove all turf and replant area with Bougainvillea Silhouette. (10) 3 gal. Bougainvillea. | Provide proposal. |
| | | X | 4 | Deadwood Silver Buttonwood tree behind sign wall on north end. | |
| | | X | 4 | Remove Silver Buttonwood tree growing inside Ligustrum tree at south end of sign wall. | Provide proposal. |
| Out bound R/W North | X | | | One of the sign lights needs to have the cover repaired. Screws are missing. | |
| | X | | 3 | Sign banding is pulling away from base. | |
| | | X | 3 | Prune Oak tree branches away from light poles. | |
| | | X | 6 | All beds need mulch. | |

Comment [s21]:



Comment [s22]:



Comment [DJ3]:



Design * Environmental Management * Planning * Arborist

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|--------------------------|---|---|----|---|---|
| | | X | 6 | Cut and remove Oak tree roots that are above or lifting the asphalt pavement. (photo) | Provide proposal. |
| | | X | 16 | Multiple turf areas along roadway contain dead areas, broadleaf weeds, crabgrass and Bermuda grass. Treat areas to remove grasses or weeds and then prepare proposal to replace turf as needed.(Approx. 50 sq. ft.) | M & A: 5-13-13 – Dead turf areas have grown over with weeds and still need to be treated and new sod installed. |
| St. Andrews Blvd. | | | | | |
| Median #1 | | X | | Please review and replace as needed. | |
| | | X | 6 | All beds need mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| | | X | 13 | Multiple turf areas along roadway contain dead areas, broadleaf weeds, crabgrass and Bermuda grass. Treat areas to remove grasses or weeds and then prepare proposal to replace turf as needed.(Approx. 400 sq. ft.) | M & A: 5-13-13 – Dead turf areas have grown over with weeds and still need to be treated and new sod installed. |
| Median #2 | | X | 6 | All beds need mulch. | |
| Median #3 | | X | 2 | West end irrigation head has been run over. Relocate head to side of Crown of thorn because it has been run over before.(photo) | Provide proposal. |
| | | X | 6 | All beds need mulch. | |
| | | X | 12 | Stake bubbler down and cover with mulch at base of Queen's Crape myrtle tree. | |
| | | X | 14 | Treat to remove Bermuda grass in turf at culvert crossing. | |
| Median #4 | | X | 5 | Median needs mulch. | |
| Median #5 | X | X | | Auto damage to Juniper plants and irrigation head on north side of east end. May have been from previous auto accident in area.Prune broken and dead foliage out of plants. Review for replacements. (photo) | |
| | | X | 3 | Replace one missing Juniper parsoni 3 gal., west end | Provide proposal. |
| | | X | 5 | Median needs mulch. | |
| | | X | 5 | Prune off seed stalks from Foxtail palms. | |
| | | X | 8 | The top third of the main leader of the newly planted tree has broken off and caused main trunk damage that will not permit the re-establishment of a new leader by corrective pruning. Based upon the above it is recommended the tree be replaced. (Previous comment): The tree trunk is too small to support upper portion of tree. Remove trunk bamboo support stakes and prune top 1/3 of the tree off at lateral branch to create new central leader. (photo) | |
| Median #6 | | X | 4 | At address 232: Prune dead out of Plumbago shrubs and provide count for replacements, 3 gal. size. (photo) | |

Comment [s24]:



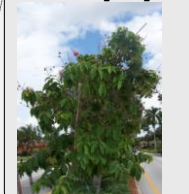
Comment [s25]:



Comment [s26]:



Comment [DJ7]:



Comment [s28]:



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|---|---|---|---|---|---|
| | | X | 6 | Median needs mulch. | |
| | | X | 5 | Prune off seed stalks from Foxtail palms. | |
| Median #7 | | | | | |
| | | X | 6 | Median needs mulch. | |
| Median #8 | | | | | |
| | | X | 6 | Median needs mulch. | |
| Median #8A | | | | | |
| | | X | 6 | Median needs mulch. | |
| Median #9 | | | | | |
| | | X | 2 | Remove staking from Crape myrtle tree. | |
| | | X | 6 | Median needs mulch. | |
| Median #10 | | | | | |
| | | X | 5 | Median needs mulch. | |
| | | X | 5 | Prune off seed stalks from Foxtail palms. | |
| Forrest Hills Blvd | | | | | |
| Median #11 | | | | | |
| | | X | 6 | Median needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| Median #12 | | | | | |
| | | X | 5 | Median needs mulch. | |
| Forrest Hills Cart Crossing & Lake | | | | | |
| | | X | 6 | Needs mulch. | |
| Valley Stream Cr. Median #13 | | X | | Continue weekly hand removal of grass type weeds in Mimosa bed. | M & A: 5-13-13 – Plants in bloom and basically weed free. |
| Pebble Beach Blvd. | | | | | |
| Median #14 | | | | | |
| | | X | 6 | Median needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| Median #15 | | X | | Hand remove grass type weeds in south end Bougainvillea | |
| | | X | 6 | Median needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| | | X | 6 | Plant (2) – 3 gal. dwarf Bougainvillea 'Helen Johnson' shrubs at second Foxtail palm from south end. Locations painted. | On hold until after lighting project. |

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|--|----------|----------|----------|---|---------------------------------------|
| Median #16 | | | | | |
| | | X | 6 | Median needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| Median #17 | | | | | |
| | | X | 6 | Median needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| | | X | 6 | First and second Plumbago beds from south end (2) 3 gal. Plumbago needs to be replaced. | On hold until after lighting project. |
| | | X | 6 | Second Bougainvillea bed from south end replace (2) 3 gal. dwarf Bougainvillea 'Helen Johnson' shrubs. | On hold until after lighting project. |
| | | X | 6 | North end Bougainvillea bed from south end replace (3) 3 gal. dwarf Bougainvillea 'Helen Johnson' shrubs. | On hold until after lighting project. |
| Median #18 | | | | | |
| | | X | 6 | Median needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| | | X | 6 | South end Bougainvillea bed at second Foxtail palm replace (2) 3 gal. dwarf Bougainvillea 'Helen Johnson' shrubs. | On hold until after lighting project. |
| Median #19 | | X | | Irrigation head is leaking on south end north side. | |
| | | X | 5 | Median needs mulch. | |
| | | X | 5 | Prune off seed stalks from Foxtail palms. | |
| Pebble Beach Blvd. Golf Cart Crossing | | X | 6 | Needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | M & A: 5-13-13 – One palm missed. |
| Thorncrest Ln. cul-de-sac #20 | | X | | Needs lite mulch topdress. | |
| Briarcliff Ln. Cu-de-sac #21 | | X | | Needs lite mulch topdress. | |
| Heather Grove Ln. Cul-de-sac #22 | | X | | Needs lite mulch topdress. | |
| Baltusrol Signs | | X | 6 | Needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| | | X | 14 | Provide proposal to install (4) 1- gal. Small leaf red crown of thorn on north side. | |
| Doral Cr. | | | | | |
| East R/W | | X | | Treat torpedo grass weeds in Liriope bed at benches. | |
| | X | | 3 | Recommend moving pedestrian crossing sign to 3 feet off back of valley gutter. | |
| | | X | 6 | Beds need mulch. Also mulch 2 – Royal palms just north of canal bridge. | |
| West R/W | | | | | |

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| | | X | | Review irrigation head at recently replaced concrete sidewalk location. Head type is wrong and it is not aligned. | |
| | | X | 4 | Prune off seed stalks from Foxtail palms. | |
| | | X | 5 | Podocarpus hedge needs mulch. | |
| | | X | | Continue weekly to review and remove overhanging tree over Podocarpus hedge. | |
| | | X | | Continue weekly to remove volunteer plants at the base of the Podocarpus shrubs adjacent to the fence. | |
| Median #23 | | X | 3 | Prune Bougainvillea off sign lights. | |
| | | X | 6 | Median needs mulch. | |
| | | X | 6 | Prune off seed stalks from Foxtail palms. | |
| | | X | 16 | 12-13 of the previously replaced Ixora shrubs behind the sign have died and need to be replaced by the contractor. Re-mulch after replacement. Apply an application of iron and manganese. Leaf fungus may also be present. Soil and/or plant test maybe needed.(photo) | Provide proposal. |
| Fertilization: | | | | 8-2-12-180 for palms, shrubs & ground covers scheduled for May 15-0-15 for turf scheduled for May | |
| Reuse Pump Station- Warren St. | | | | Mixing chamber pump low water float switch was improperly set. Naples Motor Works reviewed pump station and reset VFD controller. Mixing chamber was down for approximately two to three weeks. Pump station water use and system scheduling still being reviewed by consultant and County Irrigation Project Manager. April 2013: Potable water use 11,300 gallons, Reuse water 132,503 gallons. Meter readings: 5\1\13, potable 2941, reuse . Reuse pressure at 7psi. | |
| Irrigation General: | | | | | |

Comment [mam9]:



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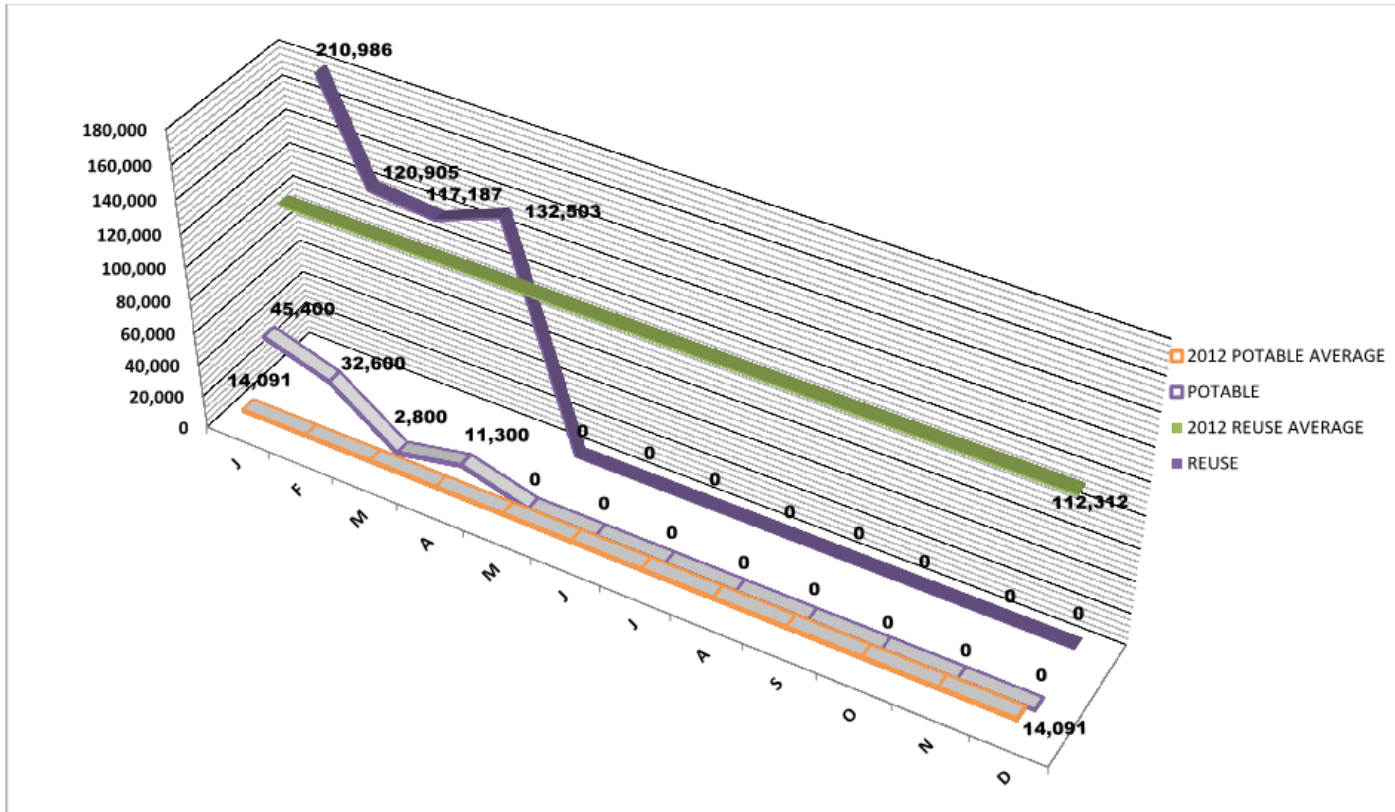
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|---------------------------|----------|----------|----------|--|-----------------------------|
|---------------------------|----------|----------|----------|--|-----------------------------|

| Warren Street Mixing Chamber Water Use Data: 04/2013 | | | | | | | | |
|---|-----|----------|-----------|--|---------------------------|-------------------------------------|-------------------------|---------------------|
| 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 |
| 4/1/2013 | M | 8:30 AM | 7 | 2929.7 | 0 | 1,235,987.00 | - | - |
| 4/7/2013 | M | 8:30 AM | 6 | 2931.6 | 1900 | 1,263,867.00 | 27,880.00 | 29,780.00 |
| 4/15/2013 | M | 8:45 AM | 9 | 2933.7 | 2100 | 1,301,165.00 | 37,298.00 | 39,398.00 |
| 4/22/2013 | T | 8:45 AM | 9 | 2936.4 | 2700 | 1,340,930.00 | 39,765.00 | 42,465.00 |
| 4/29/2013 | M | 11:17AM | 6.5 | 2940.5 | 4100 | 1,361,845.00 | 20,915.00 | 25,015.00 |
| 4/30/2013 | T | 8:30 AM | 7 | 2941 | 500 | 1,366,972.00 | 5,127.00 | 5,627.00 |
| 5/1/2013 | W | 10:45 AM | 7.5 | 2941 | 0 | 1,368,490.00 | 1,518.00 | 1,518.00 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | APRIL 2013 TOTALS: | 11,300.00 | | 132,503.00 | 143,803.00 |
| | | | | PERCENTAGE OF TOTAL VOLUME USED | 7.9% | | 92.1% | |

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|--------------------|---|---|---|-------------------------------|----------------------|
|--------------------|---|---|---|-------------------------------|----------------------|

Lely Golf Estates Beautification MSTU Reuse Mixing Chamber Annual Water Use thru 4/30/13



5/13/2013