

# *McGee & Associates*

Landscape Architecture

**Project:** GOLDEN GATE BEAUTIFICATION, M.S.T.U.  
**Project Manager:** Darryl Richards, r.l.a., P.S.D. – P.T.N.E. Dept.  
**Consultant:** McGee & Associates  
**Contractor:** Hannula Landscaping & Irrigation  
**Report Period:** FY 14-15, March 2015

**Location:** Coronado Pkwy. and Hunter Blvd.  
**Consultant's Representative:** Michael A. McGee, rla, isa  
**Contractor's Representative:** Dale Hannula  
**Report No.:** Six - FY 14-15

**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 items are addressed. 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>MAINTENANCE SERVICES OBSERVATIONS &amp; RECOMMENDATIONS</u>	<u>RESPONSE or COMMENTS</u>
Observation dates: 03/10-13/15				<u>MONTHLY ADDRESSED</u>	Please provide responses as completed, ongoing or proposal submitted and any notation deemed important.
<u>Coronado Pkwy.</u>					
<b>Median 3,4,5,7,9-14</b>		X	3	Reposition and restake tree bubblers. Bubblers in narrow medians need to have the bubblers positioned on the centerline of the median, which is the highest point of the median.	M&A: 3-10-15 Set bubblers to be in line with the centerline of the median on each side of the tree about one foot off the trunk. Add piping and anchors as needed.
<b>Median #10, 11 &amp; 14</b>					
<b>Median #1- Pavers</b>					
<b>Median #2- Pavers</b>					
<b>Median #3</b>		X		Southernmost Foxtail palm trunk has been scared. No apparent damage to trunk.	
		X	10	Review and treat Bulbine and Society garlic plants for fungus.	M&A: 7/8/14 There are (7) Society garlic plants that are dead and need to be replaced. 1 gal. size. M&A: 10-16-14 There are (25) Bulbine that are dead and/or missing. It is recommended to remove all remaining and replant areas with Blueberry Flax Lily, 1 gal. size, provide counts
<b>Median #4</b>		X		Adjust bubblers and increase watering.	
<b>Median #5</b>		X	3	Adjust bubblers and increase watering.	
<b>Median #6</b>		X	3	Adjust bubblers and increase watering.	
		X	8	On east end <del>one</del> (4) (5) (8) Big Rose recently planted crown of thorn are dead and/or missing and need to be replaced.	

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

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LOCATION/WORK AREA	S	C	R	MAINTENANCE SERVICES OBSERVATIONS & RECOMMENDATIONS	RESPONSE or COMMENTS
	X	X	6	For a second time the westernmost Alexander palm has been hit by an auto. It is recommended not to replace this palm. Close off bubbler and review Big Rose crown of thorns for replacements (8 +/-).	2/11/15 M&A: (5) 1 gal. Big Rose plants are needed.
<b>Median #7</b>					
<b>Median #8</b>		X	3	Adjust bubblers and increase watering.	
<b>Median #9 - Pavers</b>					
<b>Median #10</b>		X		Treat ant mounds in median.	
		X	2	Increase watering on Flax lily plants.	
		X	5	Provide estimate to replace missing Society garlic plants. (6) 1 gal. size.	
		X	11	Flax lily plants have rust disease and oleander or false oleander scale. Spray signs dated 5-9-14 were present, but review and treat as necessary. Remove dead foliage from base of plants. Treat for rust disease.	M&A: 10-16-14 Treat plants for snails. M&A: 11-13-14 It is recommended to treat Flax lily for root and/or stem rot disease.
		X	18	At address 5291: Eight dead Coontie/Zamia need to be replaced. Please provide replacement plants at 3 gal. container size 16" ht./spr. One dwarf Bougainvillea 'Helen Johnson' plant is missing. Replant with 3 gal size.	Hannula 1/10/14: Estimate #14-0006 submitted. Staff approved 1/13/14.
		X	20	At address 5254: Five dead Coontie/Zamia need to be replaced. Please provide replacement plants at 3 gal. container size 16" ht./spr.	Hannula 1/10/14: Estimate #14-0006 submitted. Staff approved 1/13/14.
		X	20	At address 5401 & 5388: Lantana bed being replaced with Blueberry Flax Lily.	M&A: 9-12-13 Replacements on hold until Committee reviews and approves plant types for replacements M&A: 12-12-13 Refer to renovation plans for replacement plantings recommendations. An on-site meeting will be required with the contractor to develop quantities for plants and soil replacements. M&A 1/15/14: Provide proposal to remove Lantana and extend Blueberry Flax Lily on 30" centers. Install four rows on 30" centers from existing Flax lily to Alexander palm. Estimated quantity is (190) three gallon size plants.
<b>Median #11 Bridge</b>		X	3	Increase watering on Flax lily plants.	
		X	5	Remove dead foliage at base of Flax lily plants.	
		X	15	Review Flax lily for any replacements. (4) missing at Alexander palm.	Provide proposal ASAP so to coordinate plantings with existing approved replacement proposals.

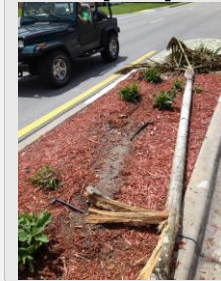
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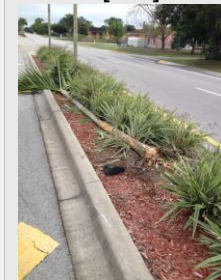
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LOCATION/WORK AREA	S	C	R	MAINTENANCE SERVICES OBSERVATIONS & RECOMMENDATIONS	RESPONSE or COMMENTS
		X	17	On west end: Review Blueberry Flax Lily for replacements due to recent guardrail installation. Please provide replacement plants at 3 gal. container size 18" ht./spr. (9) plants required.	Hannula 1/10/14: Quantities needed. M&A 1/15/14: Bed is not being renovated. Replacements are to replace dead or damaged plants. Contractor to review planting and provide replacement count. 3 gallon size.
<b>Median #12</b>		X	7	Auto accident (1) Alexander palm needs to be replaced.(photo)	Provide estimate for replacement.
<b>Median #13</b>		X	3	Increase watering on Society Garlic plants.	
		X	5	(4) missing Society garlic plants.	Provide estimate for replacements at 1 gal. size.
<b>Median #14</b>		X	3	Spray Flax lily plants for insects. Oleander scale observed.	
		X	3	Increase watering on Flax lily plants.	
		X	3	Alexander palm destroyed due to auto accident. (photo)	
<b>R/W Areas</b>					
<b>Hunter Blvd.</b>					
<b>Median 1 thru 12</b>		X	3	Reposition and restake tree bubblers. Bubblers in narrow medians need to have the bubblers positioned on the centerline of the median, which is the highest point of the median.	M&A: 3-10-15 Set bubblers to be in line with the centerline of the median on each side of the tree about one foot off the trunk. Add piping and anchors as needed.
<b>Median #1</b>		X	16	Lantana being replaced with Juniper parsoni as part of previous flood damage.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to replant this median with Juniper as planned. It was not washed over during the street flooding. Update estimate for replanting.
<b>Median #2</b>		X	5	(1) Big Rose plant is dead.	Provide estimate for replacement at 1 gal . size.
		X	16	9/13 roadway flooding washed away soil, uprooted plants and left plants with root exposure. The current estimated plant lose is 22 Lantana plants will need to be replaced. Due to past flooding additional top dress soil will need to be applied to the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval.
		X	18	Lantana plantings being removed and replaced with Juniper, Big Rose or Flax lily due to prior flood damage.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to replant this median with Big Rose as planned. It was not washed over during the street flooding. Update estimate for replanting.

**Comment [MAM1]:**



**Comment [MM2]:**



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<b>Median #3</b>		X	3	Increase watering on Flax lily plants.	
		X	14	9/13 roadway flooding washed away soil, uprooted plants and left plants with root exposure. The current estimated plant lose is south end 30 Lantana, 54 Big Rose and 4 Blueberry flax lily plants will need to be replaced. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval.
		X	16	Lantana plantings being removed and replaced with Juniper, Big Rose or Flax lily due to prior flood damage.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval.
<b>Median #4</b>		X	3	Increase watering on Big Rose plants.	
		X	16	9/13 roadway flooding washed away soil, uprooted plants and left plants with root exposure. The current estimated plant lose is south end 30 Lantana plants will need to be replaced. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to remulch median it did not get washed over in the last flood event.
		X	18	Lantana plantings being removed and replaced with Juniper, Big Rose or Flax lily due to prior flood damage.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to replant this median with Big Rose, Juniper or Flax Lily as planned. It was not washed over during the street flooding. Update estimate for replanting. M&A: 1-15-15 Remove Lantana on north end. M&A: 3-10-15 Lantana removed.
<b>Electric meter- 22<sup>nd</sup> Pl. S.W.</b>					
<b>Median #5</b> <b>Pump station</b> – Median #5, 7.5 hp, 8" well feeds Hunter & Coronado, G.G. Pkwy. median #12 Irrinet #34 controls Piccolos					
		X	17	Due to the poor performance it is recommended to remove remaining Coontie plants on each side of the pump station and then install (8) 7 gal. 'Helen Johnson' dwarf Bougainvillea shrubs. 5 to the south and 3 to the north. Review and treat Coontie for scale insects. <del>Please provide replacement plants at (8) 3 gal. container size 16" ht./spr.</del>	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to replant this median with dwarf Bougainvillea as

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					planned. It was not washed over during the street flooding. Update estimate for replanting.
<b>Median #6</b>		X		All Muhly grasses in the median needs to be pruned back.	
		X	6	At address 2164: Remove dead stalk out of Paurotis palm.	
		X	13	At address 2036: Auto accident. (23) (6) Firebush and one Crape myrtle damaged and need to be replaced. (photo)	
		X	18	9/13 roadway flooding washed away soil, uprooted plants and left plants with root exposure. The current estimated plant lose is south end 60 Lantana, @ 2148 24-Muhly grass, @ 2116 50-Muhly grass, @ 2100 14-Helen Johnson Bougainvillea and 6-Ms. Alice Bougainvillea plants will need to be replaced. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval.
		X	18	At address 2148-2164: Due to 9/13 flooding Muhly grass planting will need to be reviewed for replacements. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval.
		X	18	At address 2100-2116: Due to 9/13 flooding Muhly grass planting will need to be reviewed for replacements. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval.
		X	17	At address 2072: Due to 9/13 flooding Muhly grass planting will need to be reviewed for replacements. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval.
		X	17	At address 2090-2100: Remove remaining Coontie and replant with (12) 'Helen Johnson' dwarf Bougainvillea 3 gal. size. (5) Coontie are missing and/or dead and need to be replaced. 3 gal. size plants.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval.
<b>Median #7</b>		X	3	Increase watering on Big Rose plants.	
		X	6	Review and treat as needed Big Rose plants for fungus and/or insect (i.e leaf spot, snails)	M&A: 10-16-14 Treat all plants for snails. Snails were found in multiple plants. (6) plants are dead or heavily damaged.
<b>Median #8</b>		X	3	Review and treat Flax lily for rust disease and scale insects.	
		X	7	Lantana on east end of median contains numerous weeds and Torpedo grass in also present.	M&A: The Lantana dieback is a result of the weeds and the removal process. M&A: Due to the poor performance of the Lantana plants it is recommended to remove them and expand the Flax lily bed to the

**Comment [MAM3]:**



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					east. Provide estimate to install a double row of Flax lilies from the existing to the end of the median. (90) 1 gal. size plants. Install (18) plants between palm trees. M&A: 1-15-15 Remove Lantana plants. M&A: 2-11-15 Remove remaining Lantana plants it looks bad. M&A: 3-10-15 Lantana removed.
		X	9	At address 5203: (1) Alexander palm has be run over. (photo)	Provide proposal for replacement. Match existing.
		X	9	At address 5281: Stake leaning Jatropha tree.	
		X	12	At address 5250: One dead Silver palmetto plant needs to be replaced. 7 gal. size	
		X	13	At address 5345: (3) Muhly grass are missing and need to be replaced. 3 gal. size replacements.	
		X	18	At address 5203: Review Lantana on east end for replacements. 4 – plants need to be replaced. 2 – white, 2 – Lavender. 3 – gal. or 8” basket size if available.	Provide proposal. M&A 1/15/14: Provide proposal ASAP so to coordinate plantings with existing approved replacement proposals.
		X	19	At address 5224 – 5241: Blueberry Flax Lily replacements. 4 – (35) plants are dead or missing and need to be replaced. Replace with 3 gal. 24” ht./spr. Size plants.	Hannula 1/10/14; Estimate #14-0007 submitted 01/10/14. Staff approved 1/13/14. M&A: 5/12/14 A total of 20 plants are missing and/or dead. Treat plants for rust disease and insects. M&A: 10-16-14 Treat plants for snails. M&A: 11-13-14 Remove dead foliage at base of plants. It is recommended to treat Flax lily for root and/or stem rot disease.
		X	23	At address 5261: One replacement Ms Alice Bougainvillea plant has rolled out of its root ball and needs to be replaced with a 7 gal. size plant. (photo)	Hannula 1/10/14; Estimate #14-0007 submitted 01/10/14. Staff approved 1/13/14.
<b>Median #9</b>		X	18	See COMMENTS column. At address 5481: Review Lantana on west end for replacements. 8 – plants need to be replaced. 4 – white, 4 – Lavender. 3 – gal. or 8” basket size if available.	M&A: 12 -12 1-13 If the Lantana plantings are to be replaced then it is recommended the median be replanted with Big Rose Crown of thorn. Hannula 1/10/14; Estimate #14-0007 submitted 01/10/14. Staff approved 1/13/14. It is recommended to remove Lantana due to poor performance and replace with Big Rose Crown of thorn. M&A: 10-16-14 It is recommended to replant this median with Big Rose as planned. M&A: provide estimate to remove

**Comment [MAM4]:**



**Comment [MAM5]:**



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					Lantana and install (119) 1 gal. size Big Rose crown of thorns.
Median #10		X	3	Increase watering on Big Rose.	
		X	8	See COMMENTS column. (5) Big Rose crown of thorn are dead and/or missing. Review and provide replacements.	M&A: 10-16-14 Treat plants for snails. (13) plants are now dead and need to be replaced. <b>M&amp;A: 11-13-14 Snails are still present and active. (18) plants are now dead or declined and need to be replaced. 1 gal. size.</b>
Median #11		X	3	Society garlic plants need to be replaced due to auto accident.. (6) 1 gal. plants needed.	M&A: 10-16-14 (2) 1 gal. plants need to be replaced.
Median #12		X	8	See COMMENTS column. (5 to 8) Lantana are dead and/or missing. Provide count for replacements at 1 gal. size. 50% mix of white and Lavender colors.	M&A: Multiple plants are missing. It is recommended to change Lantana to Flax lily, 1 gal. size. Provide proposal for (53) plants in a double row planting. M&A: 2-11-15 Remove remaining Lantana plants it looks bad. M&A: 3-10-15 Lantana removed.
R/W Areas					
				<u>QUARTERLY ADDRESSED</u>	
Fertilization:		X		Next fertilization: May 2015 8-2-12-180, 15 lbs. per 1,000 S.F., (21) -50 lb. bags for shrubs & ground covers (13) - 50 lb. bags for Palms – Alexander’s 4 lbs., Paurotis 10 lbs., Foxtail 5 lbs. (No fertilizer on Sabal palms), (5) – 50 lb. bags for trees – 4 lbs. per trees.	
General Irrigation:	X	X	3	If the Bermad pulse counter is working then request from Darryl’s office to contact the County Irrigation Project Manager to set the maximum flow per week at 25,000 gallons at which time an alarm will be sent to Hannula Landscaping.	



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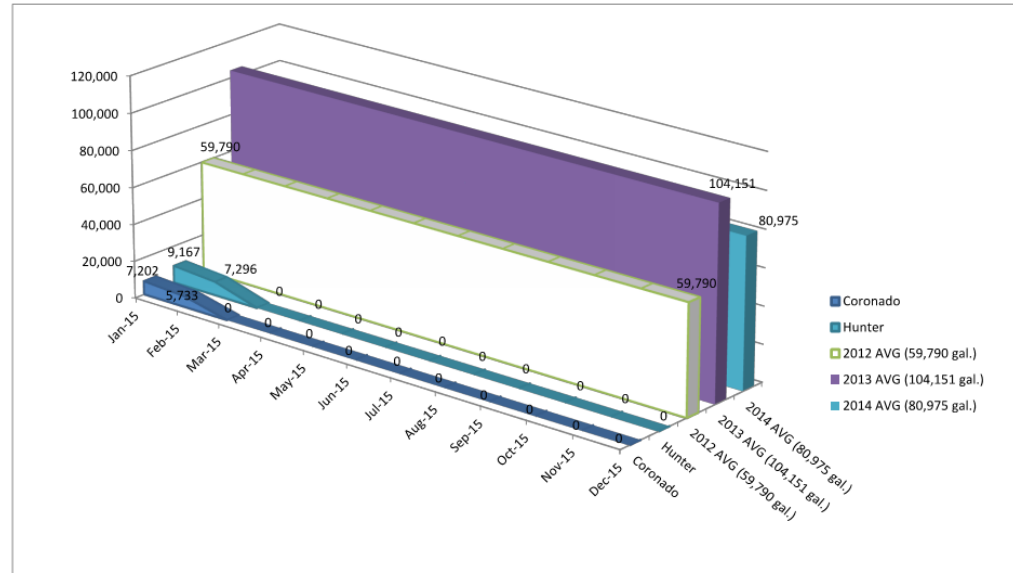
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GG MSTU Coronado - Hunter, Well Annual Water Use for 2015



**Water Use Goal:**

(1.82 ac. of Plants)

Recommended: Supplemental watering rate of .5 or less inches per week. One half inch per week equals 24,846 gallons per week or 99,384 gallons per month.

2012 total water use: 717,484 gallons or 14.44 inches of supplemental water pumped.

2013 total water use: 1,249,815 gallons or 25.15 inches of supplemental water pumped.

2014 total water use: 971,704 gallons or 19.66 inches of supplemental water pumped.

3/2/2015

GOLDEN GATE MSTU FY 14-15 RECOMMENDED FERTILIZATION SCHEDULE - HUNTER BLVD. & CORONADO PKWY.

Plant Type	Palm Trees	Large Canopy Trees	Canopy Trees, Shrubs & G.C., Blooming Plants/ Bougainvillea
Month			
Jan-15			
Feb-15			
Mar-15			
Apr-15			
May-15	8-2-12-180 (Florikote Collier Palm Blend) Alexander palms: 4 lbs. per palm, Purotis palms: 10 lbs. per palm, Foxtail palms: 5 lbs. per palm (13- 50 lb. bags)	8-2-12-180 (Florikote Collier Palm Blend) 48-Oaks, 14-Crape Myrtles 4 lbs. per tree (5-50 LB. Bags)	8-2-12-180 (Florikote Collier Palm Blend) 15 lbs. per 1000 S.F. (21-50 LB. Bags)
Jun-15			
Jul-15			
Aug-15	0-0-22 SPM 1 lb. per 100 S.F. ( 14- 50 lb. bags)		0-0-22 SPM 1 lb. per 100 S.F. ( 14- 50 lb. bags)
Sep-15	Place request for October 2015	Place request for October 2014.	Place request for October 2014.
10/1/2014-2015	8-2-12-180 (Florikote Collier Palm Blend) Alexander palms: 4 lbs. per palm, Purotis palms: 10 lbs. per palm, Foxtail palms: 5 lbs. per palm (13- 50 lb. bags)	8-2-12-180 (Florikote Collier Palm Blend) 48-Oaks, 14-Crape Myrtles 4 lbs. per tree (5-50 LB. Bags)	8-2-12-180 (Florikote Collier Palm Blend) 15 lbs. per 1000 S.F. (21-50 LB. Bags)
Nov-14			
Dec-14			
Do not fertilize Sabal palms.			
Optional: Add to pest and/or disease control sprayings for shrubs and turf: Ferromec AC 15-0-0 plus 6% iron, 3% sulfur @ 1.5 gal./100 gal. H2O. Do not apply to any flower buds or blossoms in flower.			