



9-1-2014	Victoria Boulevard irrigation system	
Rev 05	Item	Fernao Magalhaes Lote 4
1	Waterpump	Working
	Action to be taken	N/A, no issues found
	Status	N/A
2	Watertanks	When too much water is used they will empty too soon, pump stops
	Action to be taken	Program start times of each group in such a way that this problem will not occur
	Status	3 programs are used (A,B,C) to divide irrigation duration per each sector
3	Rainbird Irrigation controller	Is working but wiring seems to be wrong
	Action to be taken	Needs further investigation, see 4, 5 and 6
		Wire of sector 3 and 7 have been placed together on sector 7, on group B
		This due to high pressure on sector 3 that causes the pump to turn on and off
	Status	Seems to work fine
4	Run timed auto total cycle	Working
	Action to be taken	N/A
5	Run manual total cycle	Sector 3 not working
	Action to be taken	See 3
6	Run manual each station	Sector 3 not working
	Action to be taken	See 3
7	Electrovalves	Seems to work fine
	Action to be taken	N/A
8	Manual shutoff valve	Seems to work fine
	Action to be taken	N/A
9	Aspersores and sprayers	Several are damaged and/or leaking, many remained under the ground during irrigation
	Action to be taken	The ones under the ground were brought to the surface and damaged ones were replaced
	Status	Done
10	Drip line tubing and ends	Not sufficient water supply, some tubing and ends are leaking too much
	Action to be taken	Needs to be repaired on several places
		There is a large waterflood beneath the calcada (Box TV Cabo) at the entrada da garagem
		Needs to be investigated, appointment with LDC Pedro Ricardo on 12-05-2013 14,30
	Status	Waterflood was caused by a loose connection of a 40 mm tube, this has been repaired
		Damaged parts have been repaired, but during irrigation more bad connections might get separated
11	Wiring of controller and valves	Inspected
	Action to be taken	Some need to be cleaned and re-connected
	Status	Done
12	Rainsensor	Inspected
	Status	Done, works fine
13	Pressure of sectors	Seems to be fine
	Action to be taken	N/A
14	Study start and watering times	Defined
	Status	Done, saved a lot of water
15	Check 9 V accu and connector	Voltage was less than 1V and connector showed corrosion and had one wire broken
	Action to be taken	Replace accu and install new connector
	Status	Done