

Irrigation Asset Report

7/20/2015



Olive Chapel Village

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This report was generated on 7/20/2015 and is based on the set of irrigation assets that have been identified and geolocated using the Tapigo Irrigation Maintenance solution. (Ver. 1.0.0)


tapigo 

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How to Use

Instructions

This report can be used in the office or in the field to identify all of the irrigation assets located at Olive Chapel Village. It is generated based on the irrigation assets that are registered and geolocated in the Tapigo® Irrigation Maintenance solution being used by to better manage the irrigation system at Olive Chapel Village.

The report is divided into the following sections:

- **Property Maps** — The property maps provide a satellite view of the entire property with the most relevant assets displayed and labeled as described in the legend below. Only a subset of irrigation assets are displayed in this view to avoid it from becoming overcrowded. These include: (1) property level assets displayed in green, and (2) controller level assets displayed in a different color for each controller. There are two map views in this section. The first contains the underlying satellite view with the irrigation assets as an overlay. The second adds a page grid overlay to indicate the page number reference where a more detailed asset view can be found.
- **Detailed Maps** — The detailed maps provide a more detailed view of the irrigation assets in a zoomed in area. All registered irrigation assets are displayed and labeled as described in the legend below. These include: (1) property level assets displayed in green, (2) controller level assets displayed in a different color for each controller, and (3) zone level assets displayed in a different color for each zone. There are as many maps in this section as are indicated in the property overview and will vary by property. Each detailed map includes a set of coordinates on the edge of the map to assist in the identification of assets when using the location index in the Asset Detail section. For example, the index may indicate that an asset is located at P12-B5 or Page 12 at the intersection of column B and row 5. If the detailed map is adjacent in any direction to another detail map, then a triangle with a number will be displayed indicating the page number of the adjoining detail map in that direction.
- **Asset Detail** — The asset index section lists each irrigation asset arranged into a hierarchy of parent/child relationships along with other identifying information. In Tapigo®, each asset is assigned a parent as either the property or another asset. This section helps the user understand the current arrangement of assets, information about each asset, and where to find each item based on its listed locator. For example, the locator may indicate that an asset is located at P12-B5 or Page 12 at the intersection of column B and row 5.








The map colors can appear confusing at first, but once you understand the pattern, the colors will be helpful in identifying the asset relationships without having to refer to the Asset Detail section. The color patterns are:

- **Property Level Assets** — All assets whose parent is the property itself are displayed in green across the Property and Detailed Maps. See below for a listing of property level asset types.
- **Controllers** — On both the Property and Detailed Maps, each controller is displayed in a unique color.
- **Zones** — Because the Property Map is a higher level summary view, all zones for a given controller are displayed in the same color as its parent controller. On the Detail Maps, however, the outline of each zone is the same color as its parent controller, but the shaded interior color is unique for each zone. This will help to distinguish one zone from the next. For those zones that are made up of multiple regions, all regions will have the same outline and shaded interior color for the given zone.
- **Controller Level Assets** — All assets (with the exception of zones on the Detail Maps) whose parent is a controller will be displayed in the same color as its parent controller. See below for a listing of controller level asset types.






Legend

The following irrigation assets can be identified in this report.

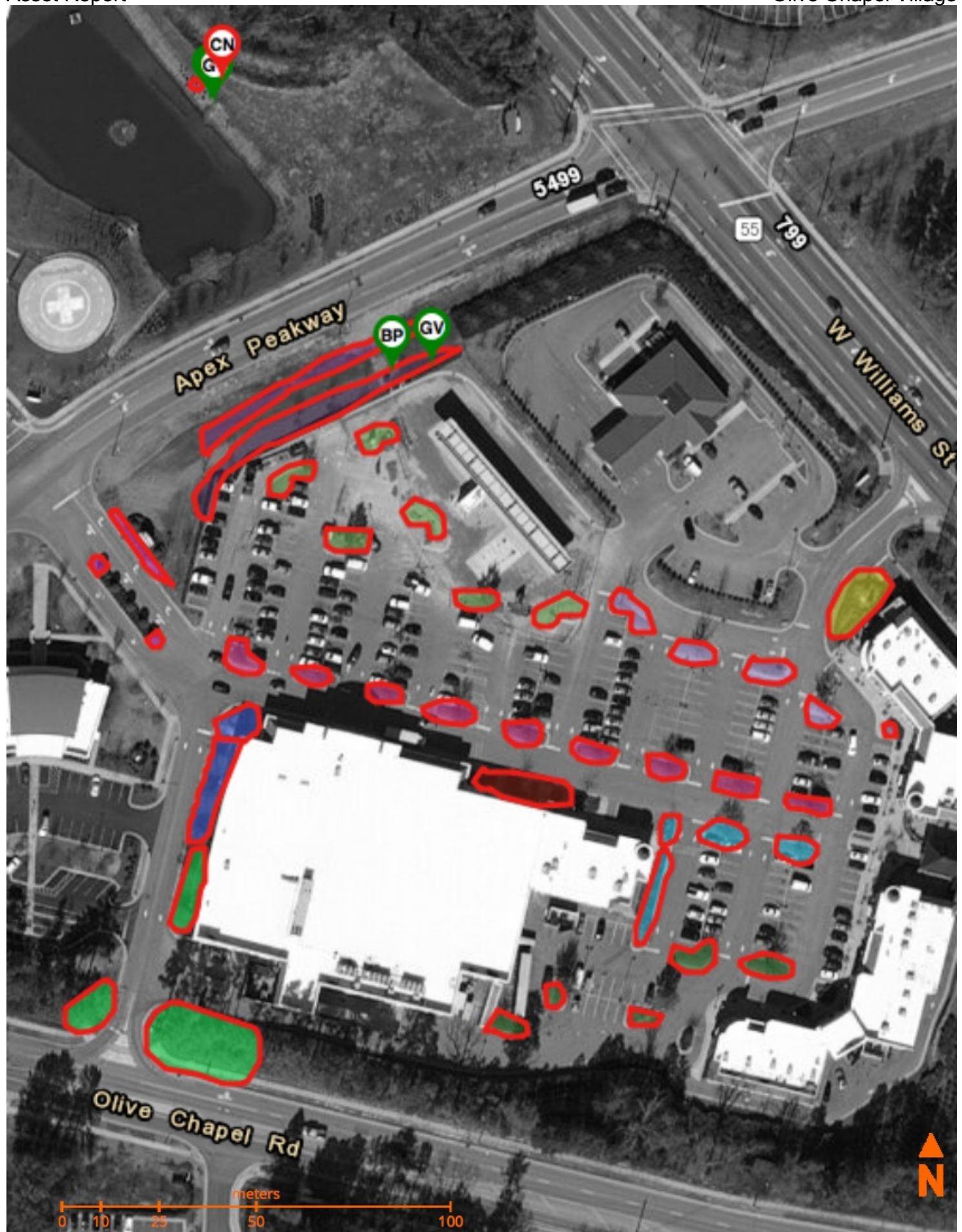
Property Level Assets

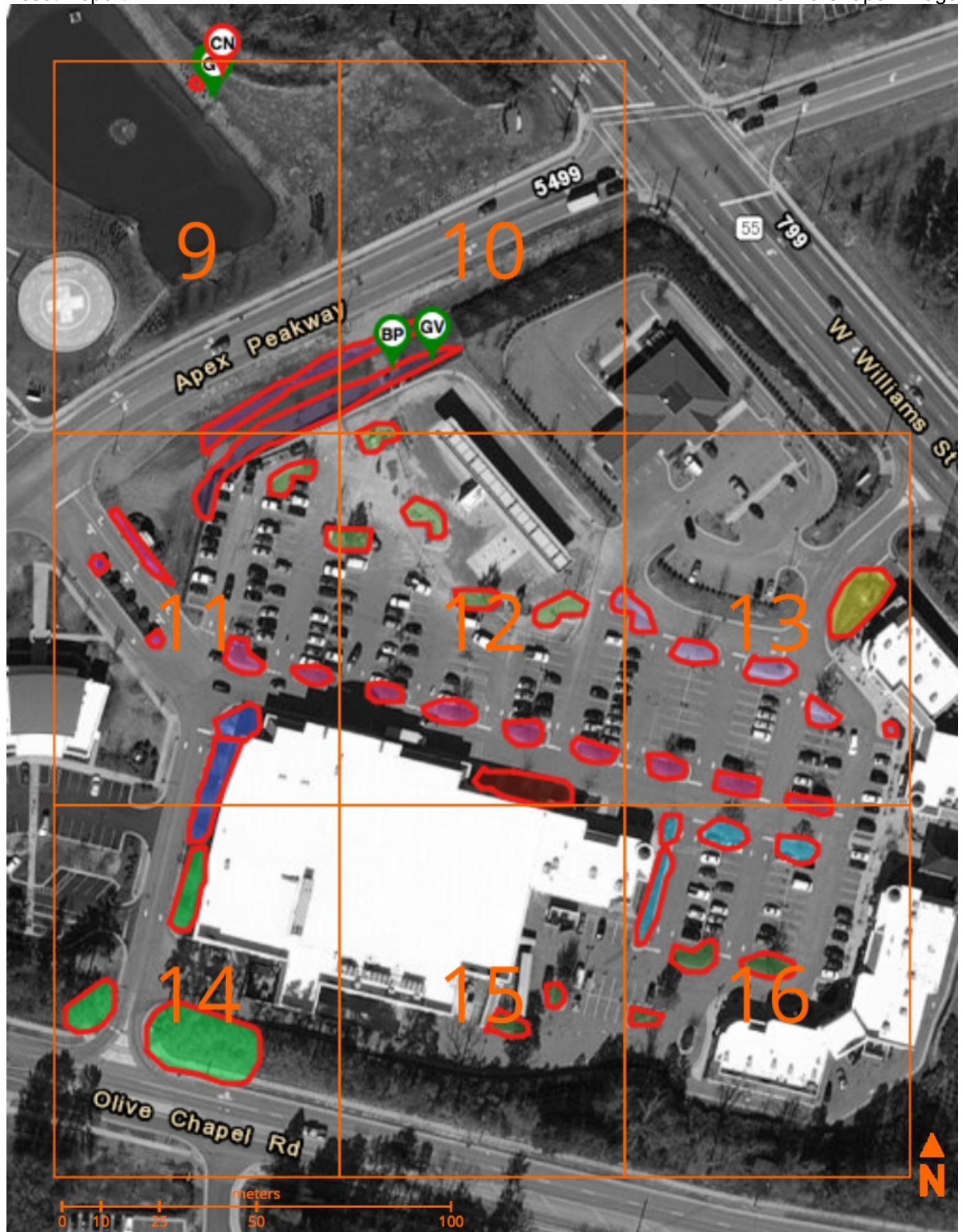
Symbol	Asset Type
	Backflow Preventer
	Controller
	Gate Valve
	Main Line
	Master Valve
	Pump
	Water Meter

Controller Level Assets

Symbol	Asset Type	Parent
	Drip Line	Zone
	Lateral Line	Zone
	Valve	Zone
	Weather Sensor	Controller
	Zone	Controller

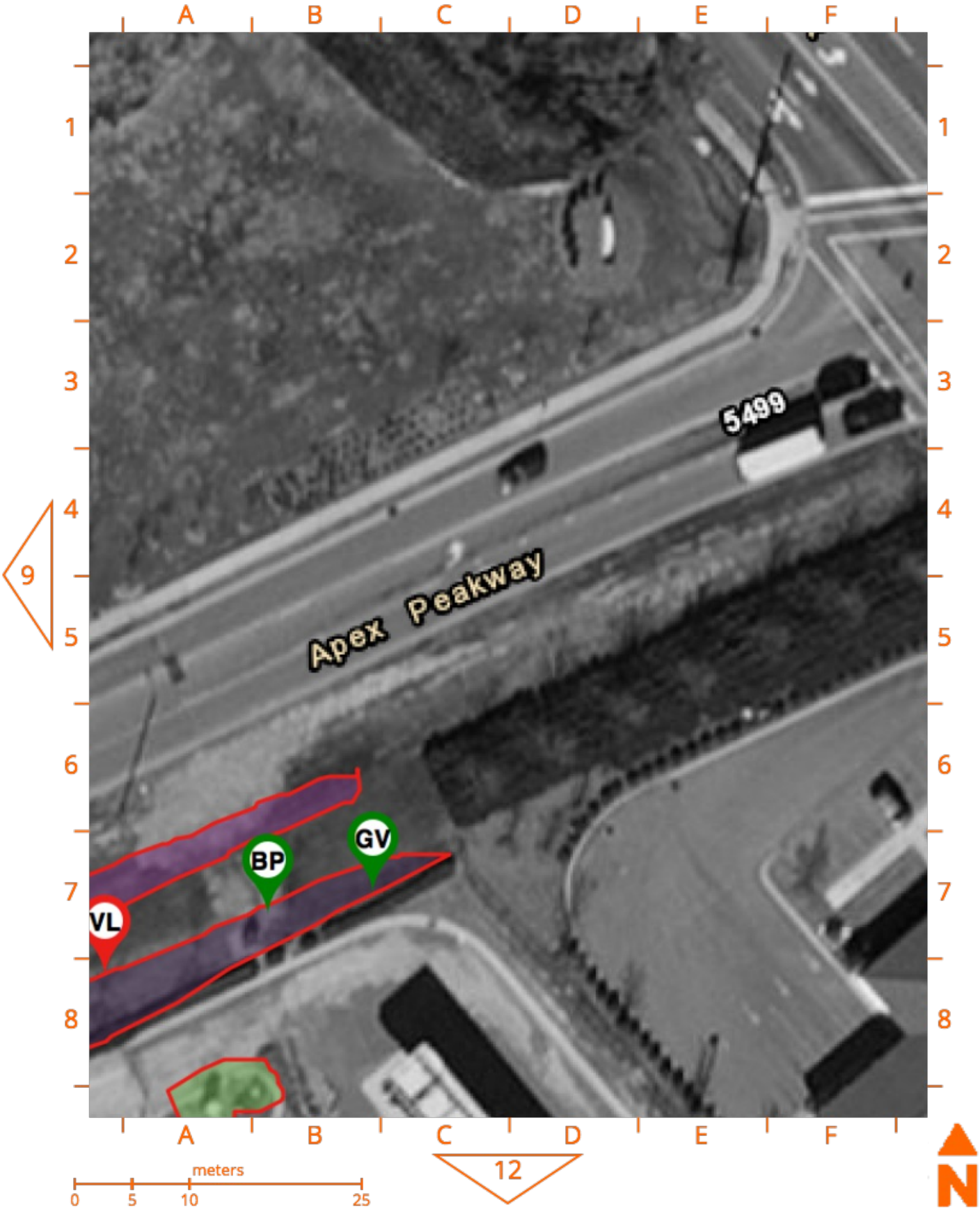
Property Maps





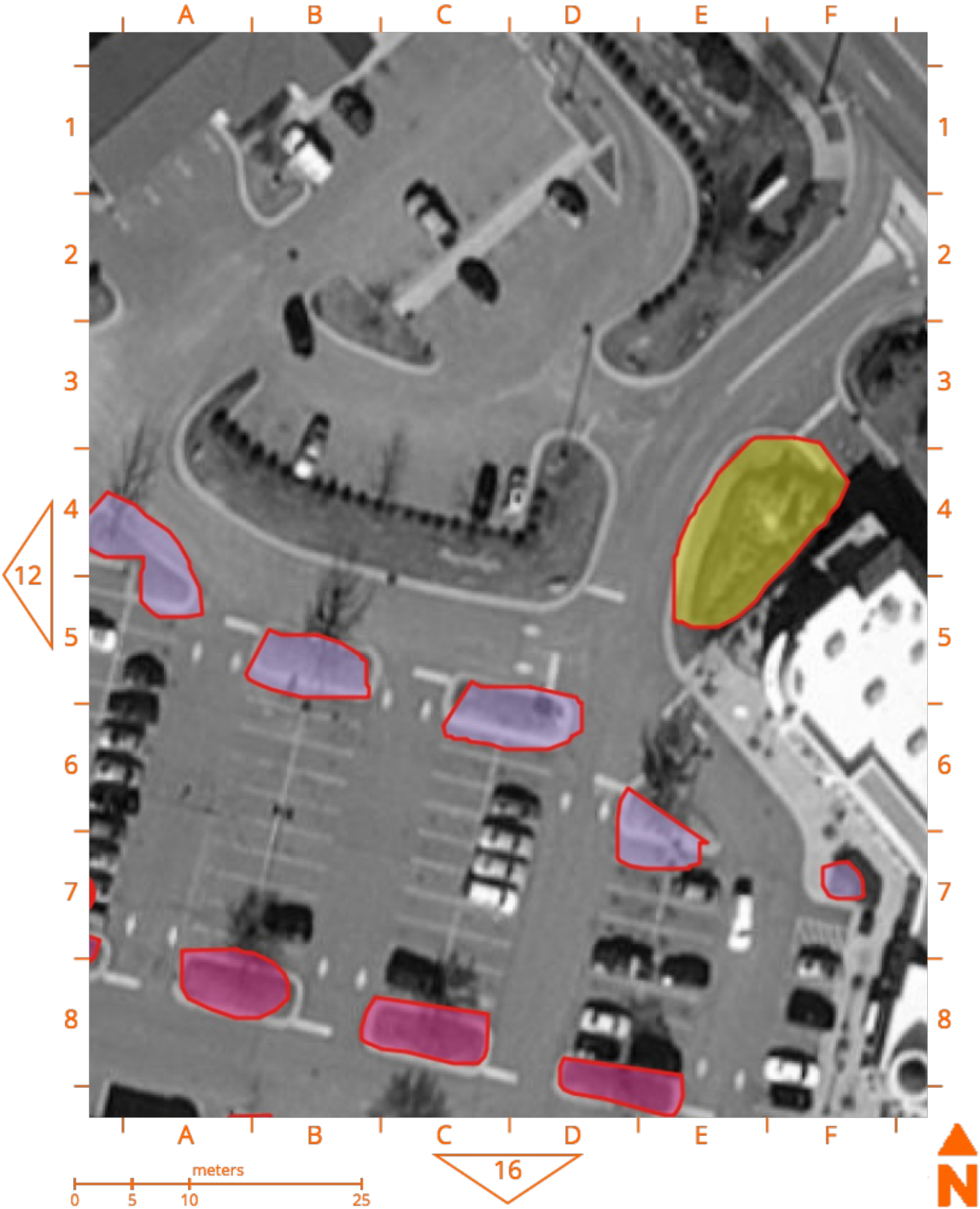
Detail Maps

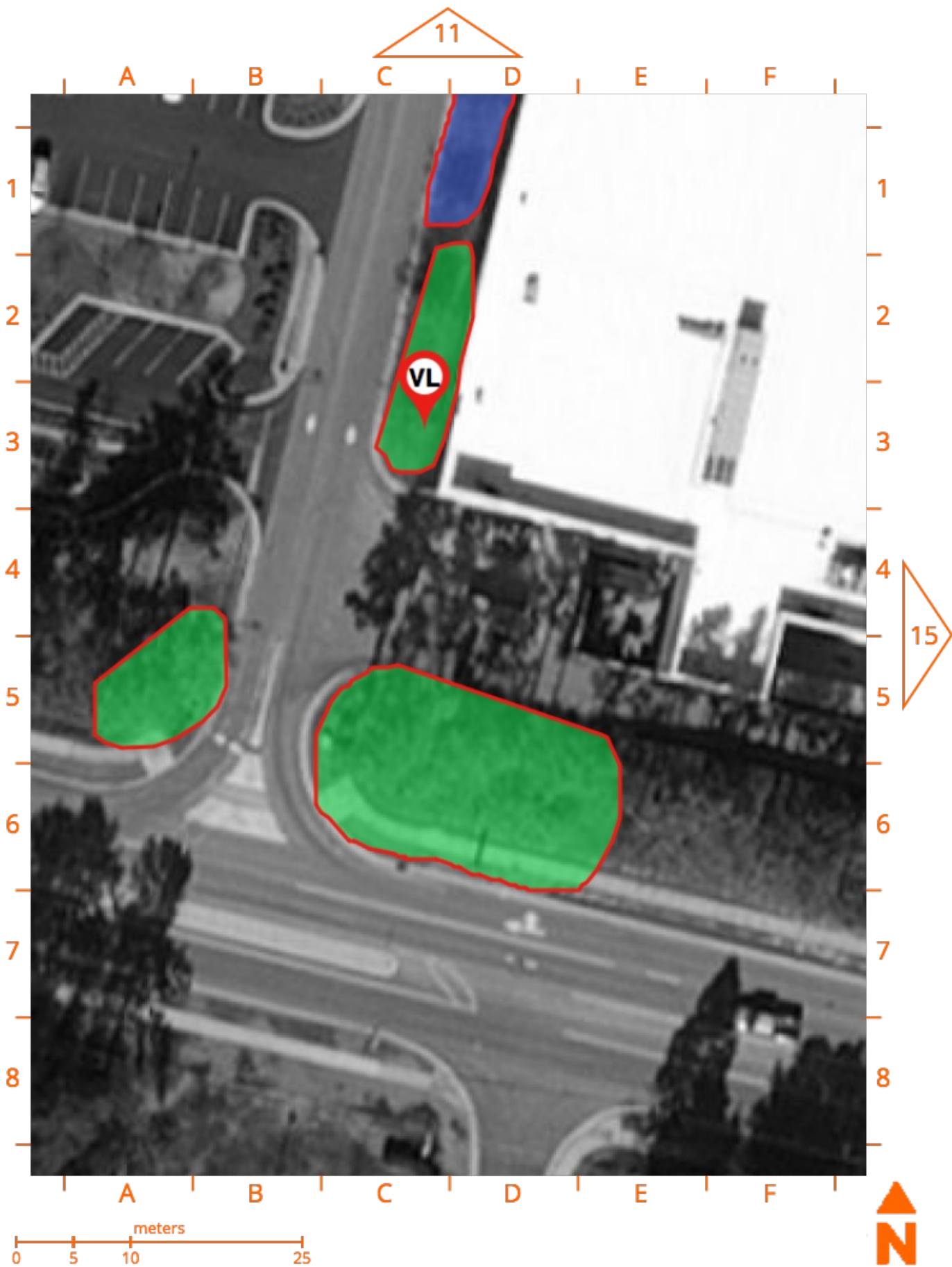


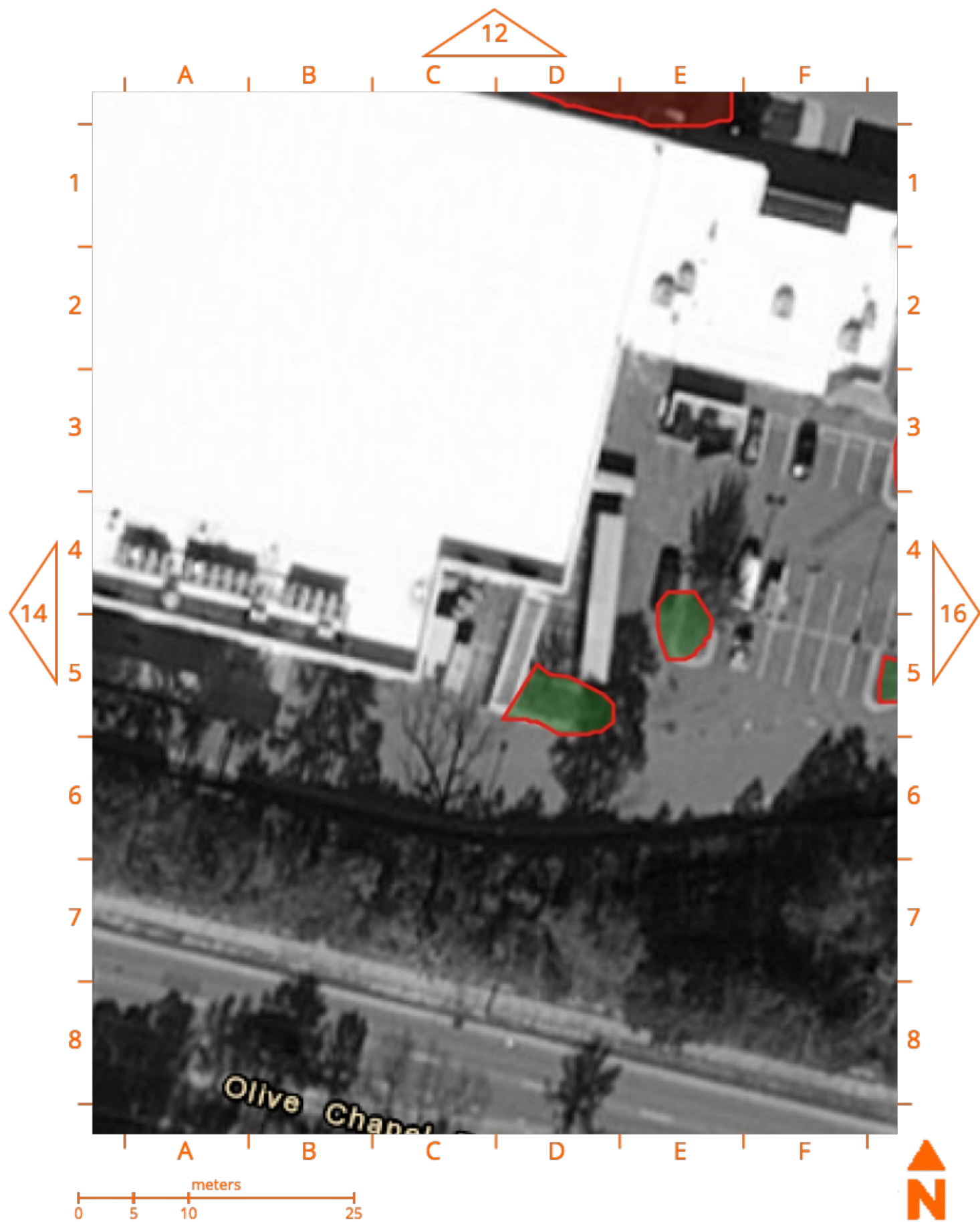









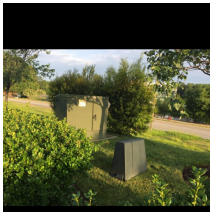


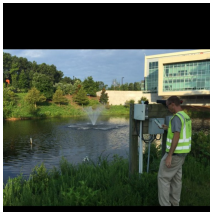











Asset Detail




Survey Assets





Name	Type	Attributes	Locator
Backflow Preventer 1	backflow-preventer	Map Symbol: 	P10-B7
			
Isolation Valve 1	gate-valve	Map Symbol: 	P10-B7
Controller 1	controller	Map Symbol: 	P9-D1
			
Zone 2	zone	Parent: Controller 1 Description: turf & flower Regions (Controller 1 / Zone 2) Map Symbol: 	
		Head Type: spray	P11-D7
		Area Type: annual-color	P11-E6
			P11-E7
		Head Type: spray	P11-C8
		Area Type: annual-color	P11-D7
			P11-D8
			P14-B8
			P14-C1
			P14-C8
			P14-D1
Valve 1	valve	Parents: Controller 1 / Zone 2 Map Symbol: 	P11-D7
Zone 3	zone	Parent: Controller 1 Regions (Controller 1 / Zone 3) Map Symbol: 	
		Head Type: spray	P11-C8
		Area Type: annual-color	P11-D8
			P14-C1
			P14-C3
			P14-D1
			P14-D2
			P14-D3








Name	Type	Attributes	Locator
		Head Type: spray	P14-B5
		Area Type: annual-color	P14-B6
			P14-C5
			P14-C6
			P14-D6
			P14-D7
			P14-E5
			P14-E6
			P14-E7
		Head Type: spray	P14-A4
		Area Type: annual-color	P14-A5
			P14-B4
			P14-B5
Valve 1	valve	Parents: Controller 1 / Zone 3 Map Symbol: 	P14-C3
Zone 4	zone	Parent: Controller 1	
		Regions (Controller 1 / Zone 4)	
		Map Symbol: 	
		Head Type: spray	P11-D5
		Area Type: turf	P11-D6
			P11-E5
			P11-E6
		Head Type: spray	P11-F6
		Area Type: turf	
		Head Type: spray	P11-F8
		Area Type: turf	P12-A6
			P12-B6
		Head Type: spray	P12-B6
		Area Type: turf	P12-B7
			P12-C6
			P12-C7
		Head Type: spray	P12-D7
		Area Type: turf	P12-E7
		Head Type: spray	P12-E7
		Area Type: turf	P12-F7
			P12-F8
			P15-E8
		Head Type: spray	P12-F8
		Area Type: turf	P13-A7
			P13-A8
			P13-B7
			P13-B8
			P15-F8
			P16-A8
		Head Type: spray	P13-B8
		Area Type: turf	P13-C8
			P16-A8
			P16-B8





Asset Report


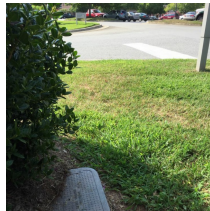


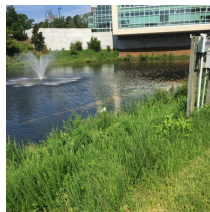






Olive Chapel Village

Name	Type	Attributes	Locator
Sprinkler Head 1	sprinkler-head	Head Type: spray	P13-D8
		Area Type: turf	P13-E8
			P16-C8
			P16-D1
			P16-D8
			P16-E1
Zone 5	zone	Parents: Controller 1 / Zone 4	P12-F7
		Map Symbol: 	
		Parent: Controller 1	
		Description: turf & bed	
		Regions (Controller 1 / Zone 5)	
		Map Symbol: 	
		Head Type: spray	P13-B8
		Area Type: turf	P13-C8
			P16-B1
			P16-C1
Zone 6	zone	Head Type: spray	P13-D8
		Area Type: turf	P13-E8
			P16-D1
			P16-D2
			P16-E1
			P16-E2
		Head Type: spray	P12-F8
		Area Type: turf	P13-A8
			P13-B8
			P15-F8
			P16-A1
			P16-B1
		Head Type: spray	P12-F8
		Area Type: turf	P13-A8
			P15-F8
			P16-A1
			P16-A2
			P16-A3
Zone 6	zone	Parent: Controller 1	
		Regions (Controller 1 / Zone 6)	
		Map Symbol: 	
		Head Type: spray	P15-F8
		Area Type: turf	P16-A4
			P16-B3
			P16-B4
		Head Type: spray	P15-F8
		Area Type: turf	P16-A5
		Head Type: spray	P15-E4
		Area Type: turf	P15-E5
		Head Type: spray	P15-D5
		Area Type: turf	
		Head Type: spray	P16-C4
		Area Type: turf	P16-D4

Name	Type	Attributes	Locator
Zone 8	zone	Parent: Controller 1 Regions (Controller 1 / Zone 8) Map Symbol: 	
		Head Type: rotor Area Type: turf	P13-E3 P13-E4 P13-E5 P13-F3 P13-F4 P13-F5
Zone 9	zone	Parent: Controller 1 Regions (Controller 1 / Zone 9) Map Symbol: 	
		Head Type: spray Area Type: turf	P13-D6 P13-D7 P13-E7
		Head Type: spray Area Type: turf	P13-C5 P13-C6 P13-D5 P13-D6
		Head Type: spray Area Type: turf	P12-F8 P13-A5 P13-B5
		Head Type: spray Area Type: turf	P12-F4 P12-F8 P13-A4 P13-A5
		Head Type: spray Area Type: turf	P13-F7
Zone 11	zone	Parent: Controller 1 Description: spray and rotor	
			
		Regions (Controller 1 / Zone 11) Map Symbol: 	
		Head Type: spray Area Type: annual-color	P11-B5 P11-C5
		Head Type: spray Area Type: annual-color	P11-A3 P11-A4 P11-B3
		Head Type: spray Area Type: annual-color	P11-B2 P11-B3 P11-C3 P11-C4

Name	Type	Attributes	Locator
Valve 1	valve	Parents: Controller 1 / Zone 11 Description: valve and splice box both near this location Map Symbol: 	P11-C4
		 	
Sprinkler Head 1	sprinkler-head	Parents: Controller 1 / Zone 11 Map Symbol: 	P11-B2
Zone 12	zone	Parent: Controller 1 Description: flower / shrubs Regions (Controller 1 / Zone 12) Map Symbol: 	
		Head Type: spray Area Type: annual-color	P12-C8 P12-D8 P12-E8 P15-B8 P15-C8 P15-D8 P15-E1
Zone 13	zone	Parent: Controller 1 Description: 360 Regions (Controller 1 / Zone 13) Map Symbol: 	
		Head Type: rotor Area Type: turf	P9-D8 P9-E8 P9-F8 P10-A7 P10-A8 P10-B7 P10-C7 P11-C2 P11-D1 P11-D2 P11-D8 P11-E1 P11-E8 P11-F1 P11-F8
Valve 1	valve	Parents: Controller 1 / Zone 13 Map Symbol: 	P9-D8 P11-D1

Name	Type	Attributes	Locator
Valve 2	valve	Parents: Controller 1 / Zone 13 Map Symbol: 	P9-F8 P11-E8
			
Zone 14	zone	Parent: Controller 1 Regions (Controller 1 / Zone 14) Map Symbol: 	P9-D8 P9-E7 P9-E8 P9-F7 P9-F8 P10-A6 P10-A7 P10-B6 P10-B7 P11-C8 P11-D1 P11-D8 P11-E8
Zone 7	zone	Parent: Controller 1 Regions (Controller 1 / Zone 7) Map Symbol: 	P9-F8 P10-A8 P10-B8 P11-F8 P12-A1 P12-A8 P12-B1 P9-E8 P9-F8 P11-E1 P11-E2 P11-F1 P12-B2 P12-B3 P12-C2 P12-C3 P11-F3 P11-F8 P12-A3 P12-C4 P12-D4

Name	Type	Attributes	Locator
Valve 1	valve	Head Type: spray	P12-E4
		Area Type: turf	P12-E5
			P12-F4
Valve 1	valve	Parents: Controller 1 / Zone 7	P12-F2
		Map Symbol: 	
			
Zone 16	zone	Parent: Controller 1	
		Regions (Controller 1 / Zone 16)	
		Map Symbol: 	
Flush Valve	valve	Head Type: bubbler	P9-C1
		Area Type: bed	P9-D1
		Parents: Controller 1 / Zone 16	P9-C1
Flush Valve	valve	Description: watch for copperhead snakes	
		Map Symbol: 	
			
Master Valve 1	master-valve	Map Symbol: 	P9-D1
			
Gate Valve 2	gate-valve	Map Symbol: 	P9-D1
			
			
Weather Sensor 1	weather-sensor	Map Symbol: 	P9-D1