

Marvin NC Manager

From: Marvin NC Manager
Sent: Wednesday, June 29, 2022 2:36 PM
To: viviana.rrirrigation@gmail.com
Subject: Request for Quote: Irrigation for Roundabout
Attachments: RAB Irrigation_06_29_2022.pdf

Good Afternoon,

The Village of Marvin is requesting quotes for the installation of 700+/- feet of pvc irrigation line from a well to public right of way as depicted in images attached and under the road through existing conduit pipe. The zones should be connected to the existing irrigation controller. The conduit is ran underground from the subject property from the well to the inside of the Roundabouts (RABs). Once inside the RABs, an irrigation system such as drip or other recommended irrigation methods to address the planting list as attached should be added in the quote. Please see the attached. Please submit by July 15, 2022.

Let me know if you have any questions.

Thanks,



Christina Amos | MPA | Manager | ICMA-CM
Village of Marvin
10006 Marvin School Road, Marvin, NC 28173
(o) (704) 843-1680 | (f) (704) 843-1660
www.MarvinNC.gov

NOTE: My email address has changed from .org to .gov, please update your records accordingly.

Pursuant to North Carolina General Statutes, Chapter 132, et.seq., this electronic mail message and any attachments hereto, as well as any electronic mail message(s) that may be sent in response to it may be considered public record and as such are subject to requests for review.

Marvin NC Manager

From: Marvin NC Manager
Sent: Thursday, July 07, 2022 2:22 PM
To: office@watersaverirrigation.com
Cc: Derek Durst
Subject: Request for Quote: Irrigation for Roundabout
Attachments: RAB Irrigation_06_29_2022.pdf

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Marvin NC Manager

From: Marvin NC Manager
Sent: Wednesday, June 29, 2022 2:40 PM
To: thegreatoutdoors@carolina.rr.com
Subject: FW: Request for Quote: Irrigation for Roundabout
Attachments: RAB Irrigation_06_29_2022.pdf

From: Marvin NC Manager
Sent: Wednesday, June 29, 2022 2:35 PM
To: thegreatoutdoorscarolina@carolina.rr.com
Subject: Request for Quote: Irrigation for Roundabout

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March 21, 2022

- ☐ Address Points
- ☐ Parcels
- ☐ Parcel Hooks
- ☐ Highways
- ☐ Parcel Encumbrances
- ☐ Roads

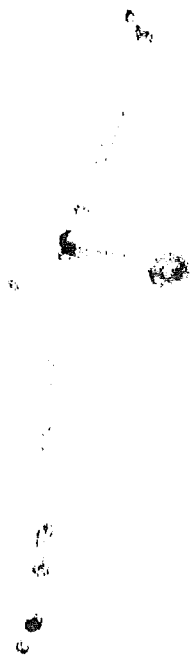
Black rep. where line needs to be van thruout parcel

1:2,210

0 0.0175 0.035 0.07 mi

0 0.0275 0.055 0.11 km

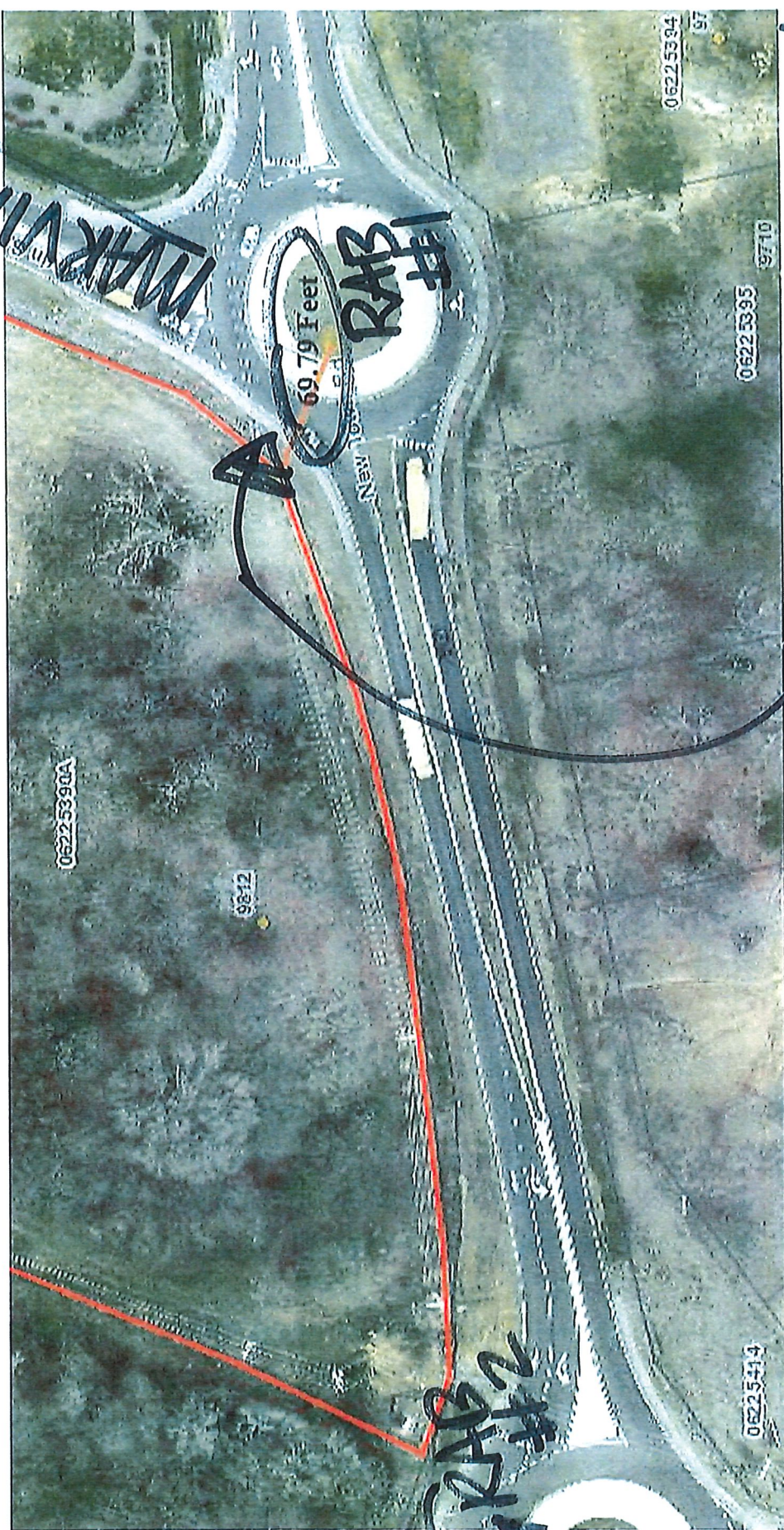
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



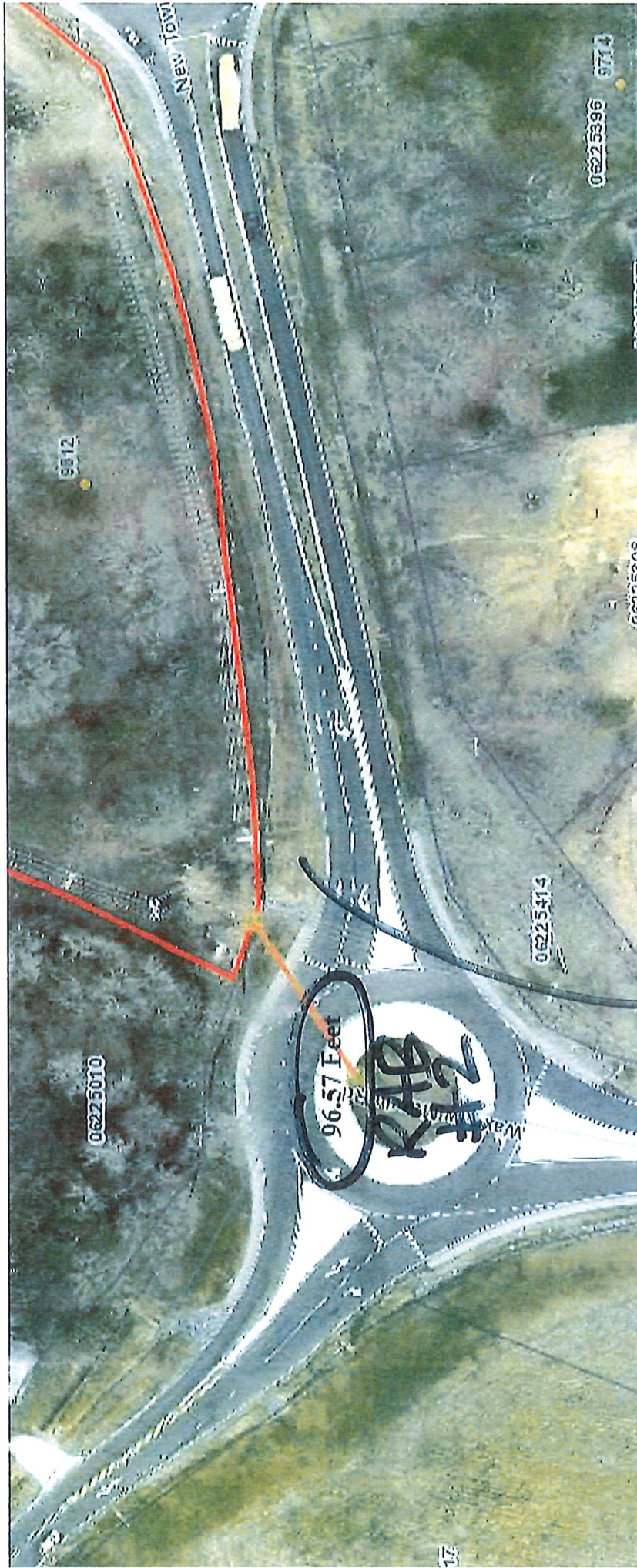


Approximate locations of control box
& well

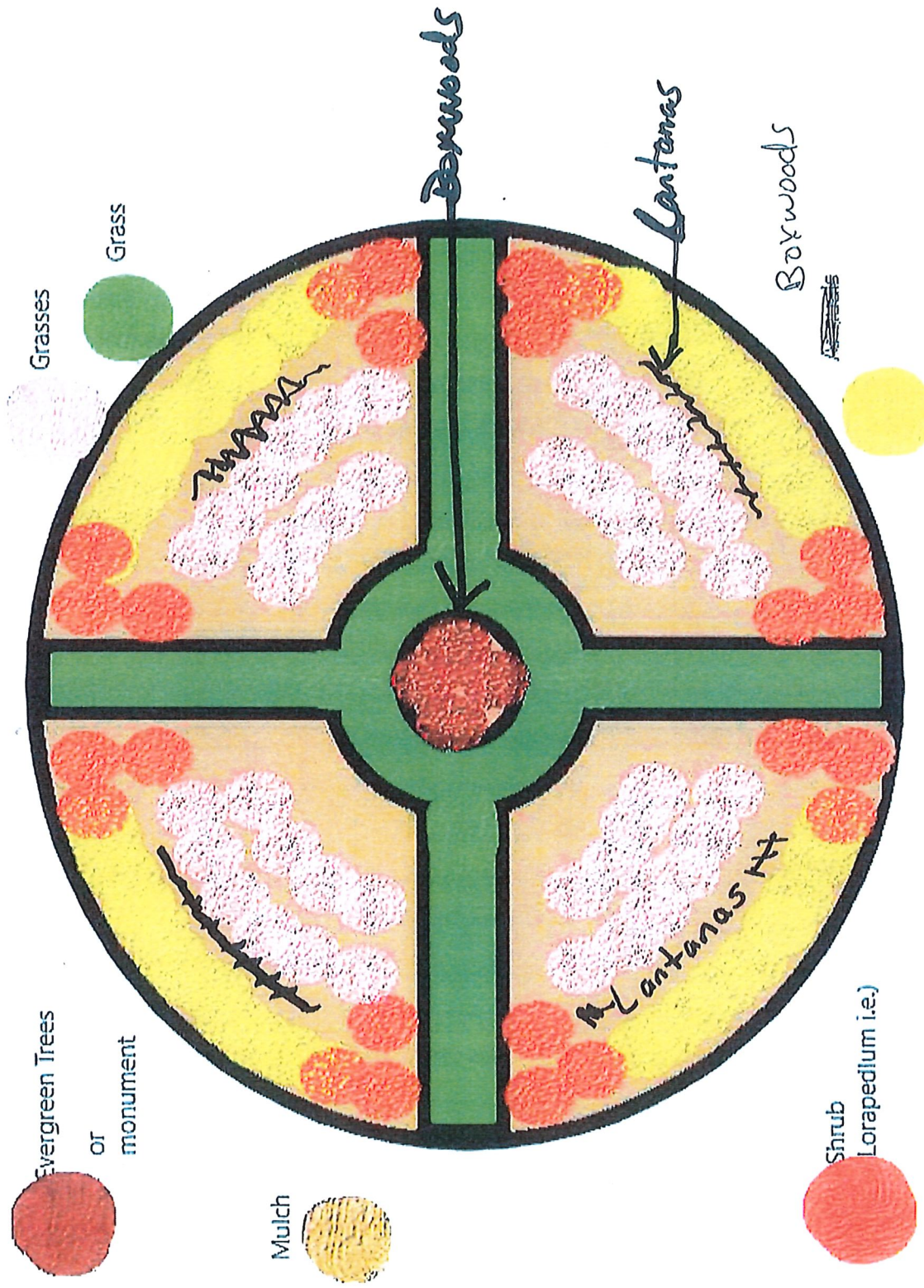
MARKVIN SCHOOL



Distance from road
Stub to RAB (inside)



Distance from road stub
to KAB (inside)



* - Combo of drip irrigation in plant beds & sprayers at vendors recommendation

SECTION 5: XE Series 4" Submersible Motors

Table 5-4: Three Phase Motor Specifications (230, 460, 200 and 575 Volt, 60 Hz, 3450 RPM)

Fentek Part Number	Rating					Full Load		Maximum Load (SF Load)	
	HP	kW	Volts	Hz	Service Factor	Amps	Watts	Amps	Watts
F41E0005A8	1/2	0.37	200	60	1.6	2.9	600	3.4	870
F41E0005A3			230			2.4	610	2.9	880
F41E0005A4			460			1.3	610	1.5	875
F41E0007A8	3/4	0.55	200		1.5	3.8	812	4.5	1140
F41E0007A3			230			3.3	850	3.9	1185
F41E0007A4			460			1.7	820	2.0	1140
F41E0010A8	1	0.75	200		1.4	4.4	1150	5.5	1500
F41E0010A3			230			4.0	1090	4.7	1450
F41E0010A4			460			2.2	1145	2.5	1505
F41E0015A8	1-1/2	1.1	200		1.3	6.3	1560	7.2	1950
F41E0015A3			230			5.2	1490	6.1	1930
F41E0015A4			460			2.8	1560	3.2	1980
F41E0015A5			575			2	1520	2.4	1950
F41E0020A8	2	1.5	200		1.25	7.5	2015	8.8	2490
F41E0020A3			230			6.5	1990	7.6	2450
F41E0020A4			460			3.3	2018	3.8	2470
F41E0020A5			575			2.7	1610	3.3	2400
F41E0030A8	3	2.2	200		1.15	10.9	2890	12.0	3290
F41E0030A3			230			9.2	2880	10.1	3280
F41E0030A4			460			4.8	2920	5.3	3320
F41E0030A5			575			3.7	2850	4.1	3240
F41E0050A8	5	3.7	200			18.3	4850	20.2	5515
F41E0050A3			230			15.7	4925	17.5	5650
F41E0050A4			460			7.6	4810	8.5	5530
F41E0050A5			575			7.0	5080	7.6	5750
F41E0075A8	7-1/2	5.6	200			27.0	7600	30.0	8800
F41E0075A3			230			24.0	7480	26.4	8570
F41E0075A4			460			12.2	7400	13.5	8560
F41E0075A5			575			9.1	7260	10.0	8310
F41E0100A4	10	7.5	460			15.6	9600	17.2	11000

Fentek Corporation