



AQUA TURF INTERNATIONAL
200 Pleasant Run Rd
Smyrna, TN 37167
Phone: (561) 371-1815
www.aquaturfintl.com



LEGEND

VALVE-IN-HEAD SPRINKLERS TOTAL (475)

- Blue dot: Part Circle Toro 855S-54 V-H Sprinkler, 75' Spacing @ 60.65 psi (48)
- Red dot: Full Circle Toro 855S-54 V-H Sprinkler, 75' Spacing @ 60.65 psi (239)
- Orange dot: Part Circle Toro 855S-54 V-H Sprinkler, 65' Spacing @ 60.65 psi (127)
- Purple dot: Full Circle Toro 855S-54 V-H Sprinkler, 65' Spacing @ 60.65 psi (61)
- Green dot: Part Circle Toro 835S-31 V-H Sprinkler, 30'-50' Spacing @ 60.65 psi (0)
- Pink dot: Full Circle Toro 835S-31 V-H Sprinkler, 30'-50' Spacing @ 60.65 psi (0)

VALVES

- Orange triangle: Mainline Gate Valve (20)
- Blue triangle: Lateral 90 Degree Valve Assy. (60)
- Yellow triangle: 1" Quick Coupling Valve (21)
- Red triangle: 2" C.I. Drain Valve (5)
- Green triangle: 2" Air Relief Valve Assy. (7)
- Blue triangle: 2" Locking Air Valve (1)

LATERAL PIPE

- Blue line: 2" HDPE SDR 13.5
- Orange line: All Sprinkler Lateral Pipe is 2" (36,700 LF)

HDPE MAINLINE PIPE

- Red line: 4" HDPE 4710 IPS - DR 13.5 Pipe - (14,000 LF)
- Orange line: 6" HDPE 4710 IPS - DR 13.5 Pipe - (4,500 LF)
- Green line: 8" HDPE 4710 IPS - DR 13.5 Pipe - (2,600 LF)
- Purple line: 10" HDPE 4710 IPS - DR 13.5 Pipe - (0 LF)
- Blue line: 12" HDPE 4710 IPS - DR 13.5 Pipe - (60 LF)

HDPE CANAL BRIDGE CROSSING PIPE

- Red line: 4" High Density Polyethylene DR 11 pipe - (0 LF)
- Orange line: 6" High Density Polyethylene DR 11 pipe - (0 LF)
- Green line: 8" High Density Polyethylene DR 11 pipe - (240 LF)

SATELLITE CONTROL

- Blue line: 120/240V Direct Burial Tree Cable Power Wire (6,000F)
- Blue line: Satellite Location Control Limits

NOTES:

1. QUANTITIES SHOWN ARE TO ESTIMATE THE QUANTITIES OF MATERIALS REQUIRED FOR THE QUANTITIES LISTED ABOVE. THE CONTRACTOR SHALL VERIFY THE QUANTITIES AND MAKE ANY NECESSARY ADJUSTMENTS TO THE QUANTITIES LISTED ABOVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE QUANTITIES LISTED ABOVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE QUANTITIES LISTED ABOVE.

Zone Number

Stations within Zone

Pump Station

Power Source #1

Wood Bridge Canal Crossing (0/2)

Hole Number

Satellite Locations (0) (Relocate) (2) (Relocate)

Spot Wire

Indicates Fall Assembly Attached Sprinkler - Decrease in Range #

Relocate #1 - Add: Flow 1.0 gpm @ 50 psi



Head Count
06.28.17

ATI_SPR_75_P.....48
ATI_SPR_65_F.....61
ATI_SPR_75_F.....239
ATI_SPR_65_P.....127

Total: 475

BUTTERNUT CREEK GOLF COURSE
BLAIRSVILLE, GEORGIA
GOLF IRRIGATION DESIGN

SCALE
1"=100'

DATE - 10.03.17
DESIGN BY - TAH
DRAWN BY - TAH

FILE NAME
ATI Butternut Creek 10017.dwg

PROJECT NO.
012-617

REVISION DATE

SHEET
OV