

Town of Braintree
Department of Public Works
Capital Budget - Golf
Fiscal Years 2022-2026

James Arsenault, PE
Director of Public Works

**Town of Braintree
 Department of Public Works
 Schedule H-1 Summary of Capital Budget Request - Golf
 Fiscal Years 2022-2026**

Rank	Reference	Project / Item	Type	New/ Replacement	Age of Replacement	Total Dollars	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
1	GO1	Fairway Mower	Capital Equipment	Replacement	10+	110,000	110,000	-	-	-	-
2	GO2	Rough Mower	Capital Equipment	Replacement	10+	44,000	44,000	-	-	-	-
3	GO3	Aeration Core Remover	Capital Equipment	Replacement	10+	17,000	17,000	-	-	-	-
4	GO4	Triplex Mower	Capital Equipment	Replacement	10+	60,000	-	60,000	-	-	-
5	GO5	Golf Utility Vehicle	Capital Equipment	Replacement	10+	40,000	-	40,000	-	-	-
6	GO6	Parking Lot Repaving	Construction/Renovation	Replacement	25+	60,000	-	60,000	-	-	-
7	GO7	Irrigation System	Capital Equipment	Replacement	45+	1,885,000	-	1,885,000	-	-	-
Totals						2,216,000	171,000	2,045,000	-	-	-

Town of Braintree
Department of Public Works: Golf
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference GO1

1. Department: DPW
2. Sub-Department: Golf Manager
3. Date: 1/10/2022
4. Contact Person: Daryn Brown
5. Contact Title: Golf Manager
6. Phone: 781-843-9780
7. Project Name: Fairway Mower
8. Number of Units Requested: 1
9. Number of Similar Items in Inventory: 2
10. Purpose of Expenditure (check as appropriate):
 Scheduled replacement
 Replace worn-out equipment
 Expanded service
 Increased safety
 Present equipment obsolete
 Reduce personnel time
 New operation
 Improve procedures, record, etc.

11. Estimated Use of Requested Item

Days per year: 250
Average days per week: 5
Estimated life in years: 6

12. Purchase Price

	Per Unit	Total
Cost:	\$110,000	\$110,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$110,000	\$110,000

13. Replaced Equipment

Item:
Make: Older unit is becoming unreliable
Age:

14. Recommended disposal of Replaced Item(s):

Sale
 Possible use by other departments
 Other (Trade-in)

15. Available Aid or Grants (specify):

N/A

16. Comments:

Our current fleet of fairway mowers is aging quickly and one has already been taken out of service due to costly repairs and parts availability issues. We were able to purchased a used fairway this summer when on of our 2 fairway mowers had a significant issue and could not be repaired.

17. Submitted by:

Daryn Brown
Golf Manager

18. Priority:

1



turf products

157 Moody Road • PO Box 1200 • Enfield, CT 06082
Main Office: (800) 243-4355 • FAX: (860) 763-5550

QUOTE

Prepared For: Daryn Brown
Braintree Municipal Golf Course
101 Jefferson St. Braintree, Massachusetts
United States

Ship To: Braintree Municipal GC 1.13.22
Quote Number: Q95581
Quoted Date: **01/13/2022**
Prepared By: Nathaniel Binns
nbinns@turfproductscorp.com
339-235-5189

Qty	Model #	Description	Award	Extended
1	03674_ACCY	Reelmaster 5010-H Accessories	\$0.00	\$0.00
1	03406	5 Inch Powered Rear Roller Brush For Cutting Units Without Groomers (Kit Of 5)	\$3,212.14	\$3,212.14
1	03413	5-inch Weight for CUs with 1 or more Attachments (Kit of 5)	\$271.76	\$271.76
1	03647	5 Inch DPA Cutting Unit Finish Kit	\$7,205.59	\$7,205.59
5	03621	22 Inch 5 Inch 8 Blade (RR) Radial Reel EdgeSeries	\$3,168.69	\$15,843.45
				\$26,532.94
1	07068	Pro Sweep	\$15,040.81	\$15,040.81
				\$15,040.81
1	30807	Groundsmaster 3500-D	\$40,442.47	\$40,442.47
1	30671	Universal Sunshade, Red	\$769.46	\$769.46
1	136-3315	Wheel Weight Kit	\$816.88	\$816.88
				\$42,028.81
1	03674	Reelmaster 5010-H	\$46,738.77	\$46,738.77
1	30671	Universal Sunshade, Red	\$769.46	\$769.46
1	03647	5 Inch DPA Cutting Unit Finish Kit	\$7,205.59	\$7,205.59
1	03406	5 Inch Powered Rear Roller Brush For Cutting Units Without Groomers (Kit Of 5)	\$3,212.14	\$3,212.14
1	03413	5-inch Weight for CUs with 1 or more Attachments (Kit of 5)	\$271.76	\$271.76
1	03655	Cross Trax All-wheel drive kit	\$4,634.14	\$4,634.14
1	03656	CrossTrax All-Wheel Drive Finishing Kit	\$247.27	\$247.27
5	03621	22 Inch 5 Inch 8 Blade (RR) Radial Reel EdgeSeries	\$3,168.69	\$15,843.45
				\$78,922.58

Toro Total:	\$162,525.14
Non – Toro Total:	\$0.00
Set Up:	\$0.00



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Main Office: (800) 243-4355 • FAX: (860) 763-5550

QUOTE

<i>Freight:</i>	<i>\$0.00</i>
<i>Trade Ins:</i>	<i>(\$0.00)</i>
<i>State Sales Tax:</i>	<i>\$0.00</i>
Total Price:	\$162,525.14

While it is our intent to hold this pricing, this pricing is subject to change due to factors that are beyond the control of Turf Products and our vendors.

Final pricing will be determined 60 days prior to delivery.

Town of Braintree
Department of Public Works: Golf
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference GO2

1. Department: DPW
2. Sub-Department: Golf Manager
3. Date: 1/10/2022
4. Contact Person: Daryn Brown
5. Contact Title: Golf Manager
6. Phone: 781-843-9780
7. Project Name: Rough Mower
8. Number of Units Requested: 1
9. Number of Similar Items in Inventory: 1
10. Purpose of Expenditure (check as appropriate):
 Scheduled replacement
 Replace worn-out equipment
 Expanded service
 Increased safety
 Present equipment obsolete
 Reduce personnel time
 New operation
 Improve procedures, record, etc.

11. Estimated Use of Requested Item

Days per year:
Average days per week: 5
Estimated life in years: 7

12. Purchase Price

	Per Unit	Total
Cost:	\$44,000	\$44,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$44,000	\$44,000

13. Replaced Equipment

Item:
Make:
Age:

14. Recommended disposal of Replaced Item(s):

- Sale
 Possible use by other departments
 Other (Trade-in)

15. Available Aid or Grants (specify):

N/A

16. Comments:

This smaller "Rough" mower is used to mow tighter areas throughout the golf course that our larger mower can't get to. It is also small enough to to have summer staff operate it.

17. Submitted by:

Daryn Brown
Golf Manager

18. Priority:

2

Town of Braintree
Department of Public Works: Golf
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference GO3

1. Department: DPW
2. Sub-Department: Golf Manager
3. Date: 1/10/2022
4. Contact Person: Daryn Brown
5. Contact Title: Golf Manager
6. Phone: 781-843-9780
7. Project Name: Aeration Core Remover
8. Number of Units Requested: 1
9. Number of Similar Items in Inventory: 1
10. Purpose of Expenditure (check as appropriate):
- Scheduled replacement
 - Replace worn-out equipment
 - Expanded service
 - Increased safety
 - Present equipment obsolete
 - Reduce personnel time
 - New operation
 - Improve procedures, record, etc.
11. Estimated Use of Requested Item
- Days per year:
- Average days per week: 5
- Estimated life in years: 10
12. Purchase Price
- | | Per Unit | Total |
|-----------------------------------|----------|----------|
| Cost: | \$17,000 | \$17,000 |
| Plus Installation or other costs: | \$0 | \$0 |
| Less Trade-in/other discounts: | \$0 | \$0 |
| Net Purchase: | \$17,000 | \$17,000 |
13. Replaced Equipment
- Item:
- Make:
- Age:
14. Recommended disposal of Replaced Item(s):
- Sale
 - Possible use by other departments
 - Other (Trade-in)
15. Available Aid or Grants (specify): N/A
16. Comments: This piece of equipment is used to pick and clean up debris left behind when areating greens & tees. Our current model is 20+ years old and we can no longer get parts for.
17. Submitted by: Daryn Brown
Golf Manager
18. Priority: 3

Town of Braintree
Department of Public Works: Golf
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference GO4

1. Department: DPW
2. Sub-Department: Golf Manager
3. Date: 1/10/2022
4. Contact Person: Daryn Brown
5. Contact Title: Golf Manager
6. Phone: 781-843-9780
7. Project Name: Golf Tri-Plex Mower Replacement
8. Number of Units Requested: 1
9. Number of Similar Items in Inventory: 4
10. Purpose of Expenditure (check as appropriate):
 Scheduled replacement
 Replace worn-out equipment
 Expanded service
 Increased safety
 Present equipment obsolete
 Reduce personnel time
 New operation
 Improve procedures, record, etc.

11. Estimated Use of Requested Item

Days per year:
Average days per week: 3
Estimated life in years: 10

12. Purchase Price

	Per Unit	Total
Cost:	\$60,000	\$60,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$60,000	\$60,000

13. Replaced Equipment

Item:
Make:
Age:

14. Recommended disposal of Replaced Item(s):

Sale
 Possible use by other departments
 Other (Trade-in)

15. Available Aid or Grants (specify):

N/A

16. Comments:

This type of mower is used to mow tees and collars at the golf course 3-5 days a week April thru November. One of our existing units will eventually experience frequent breakdowns and become unreliable.

17. Submitted by:

Daryn Brown
Golf Manager

18. Priority:

4



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Main Office: (800) 243-4355 • FAX: (860) 763-5550

QUOTE

Prepared For: Daryn Brown
Braintree Municipal Golf Course
101 Jefferson St Braintree, Massachusetts
02184-7407 United States

Ship To: Braintree Municipal GC 9.9.20
Quote Number: Q55344
Quoted Date: **09/10/2020**
Prepared By: Nathaniel Binns
nbinns@turfproductscorp.com
339-235-5189

Qty	Model #	Description	Award	Extended
1	04590	Greensmaster eTriflex 3370 (Lithium-Ion All Battery)	\$50,985.81	\$50,985.81
1	04508	Seat Kit, Standard		
1	04626	Narrow Wiehle Roller (.200 Inch Spacing) (Set of 3)		
1	04500	Light Kit		
3	04653	11 Blade Cutting Unit		
3	04653	11 Blade Cutting Unit	\$2,322.60	\$6,967.80
1	04520	Greensmaster TriFlex 3400 Hydraulic Diesel	\$39,091.57	\$39,091.57
1	04626	Narrow Wiehle Roller (.200 Inch Spacing) (Set of 3)		
1	04508	Seat Kit, Standard		
1	04554	Light Kit - LED		
3	04653	11 Blade Cutting Unit		
1	04580	Greensmaster eTriflex 3360 (Engine/Generator)	\$46,087.81	\$46,087.81
1	04626	Narrow Wiehle Roller (.200 Inch Spacing) (Set of 3)		
1	04500	Light Kit		
1	04508	Seat Kit, Standard		
3	04653	11 Blade Cutting Unit		
1	04626	Narrow Wiehle Roller (.200 Inch Spacing) (Set of 3)	\$968.54	\$968.54

All priced with MA State Contract FAC88

Toro Total:	\$0.00
Non – Toro Total:	\$0.00
Set Up:	\$0.00
Freight:	\$0.00
Trade Ins:	(\$0.00)
State Sales Tax:	\$0.00
Total Price:	\$0.00

Town of Braintree
Department of Public Works: Golf
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference GO5

1. Department: DPW
 2. Sub-Department: Golf Manager
 3. Date: 1/10/2022
 4. Contact Person: Daryn Brown
 5. Contact Title: Golf Manager
 6. Phone: 781-843-9780
 7. Project Name: Golf Course Utility Vehicle
 8. Number of Units Requested: 1
 9. Number of Similar Items in Inventory: 3
 10. Purpose of Expenditure (check as appropriate):
 Scheduled replacement
 Replace worn-out equipment
 Expanded service
 Increased safety
 Present equipment obsolete
 Reduce personnel time
 New operation
 Improve procedures, record, etc.

11. Estimated Use of Requested Item

Days per year:
 Average days per week: 5
 Estimated life in years: 10

12. Purchase Price

	Per Unit	Total
Cost:	\$40,000	\$40,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$40,000	\$40,000

13. Replaced Equipment

Item:
 Make:
 Age:

14. Recommended disposal of Replaced Item(s):

- Sale
 Possible use by other departments
 Other (Trade-in)

15. Available Aid or Grants (specify):

N/A

16. Comments:

We have multiple styles of utility small Truckster vehicles that are used on a daily basis for maintenance activities and we are looking to replace our oldest unit.

17. Submitted by:

Daryn Brown
 Golf Manager

18. Priority:

5



Turf Products Corp
157 Moody Road P.O. Box 1200
Enfield CT 06083

Prepared for:
Braintree Municipal GC
Braintree, MA

Proposal Date: 01/28/2016
Expiration Date: 02/27/2016
Quote ID: 1992462

Attn: Daryn Brown

Prepared by:
Nathaniel Binns
nbinns@turfproductscorp.com

Qty	Model Number	Description	Unit Price	Extension
1	07387	Workman HDX-D 4WD (Kubota)	\$27,044.07	\$27,044.07
1	07316	High Flow Hydraulic Kit		
--	07387	Accessories for Workman HDX-D	\$5,746.67	\$5,746.67
1	07349	Cab Heater		
1	07392	ROPS Certified Hard Cab (Doors Sold		
1	07393	Door Kit		
1	130-5449	KIT-MIRROR, INTERIOR		

MA State Contract FAC88
21% discount

TOTALS	
Equipment Total	\$32,790.74
Total	\$32,790.74

Town of Braintree
Department of Public Works: Golf
Capital Improvement Project Request Form
Schedule G-2 Construction/Renovation
Fiscal Year 2022-Reference GO6

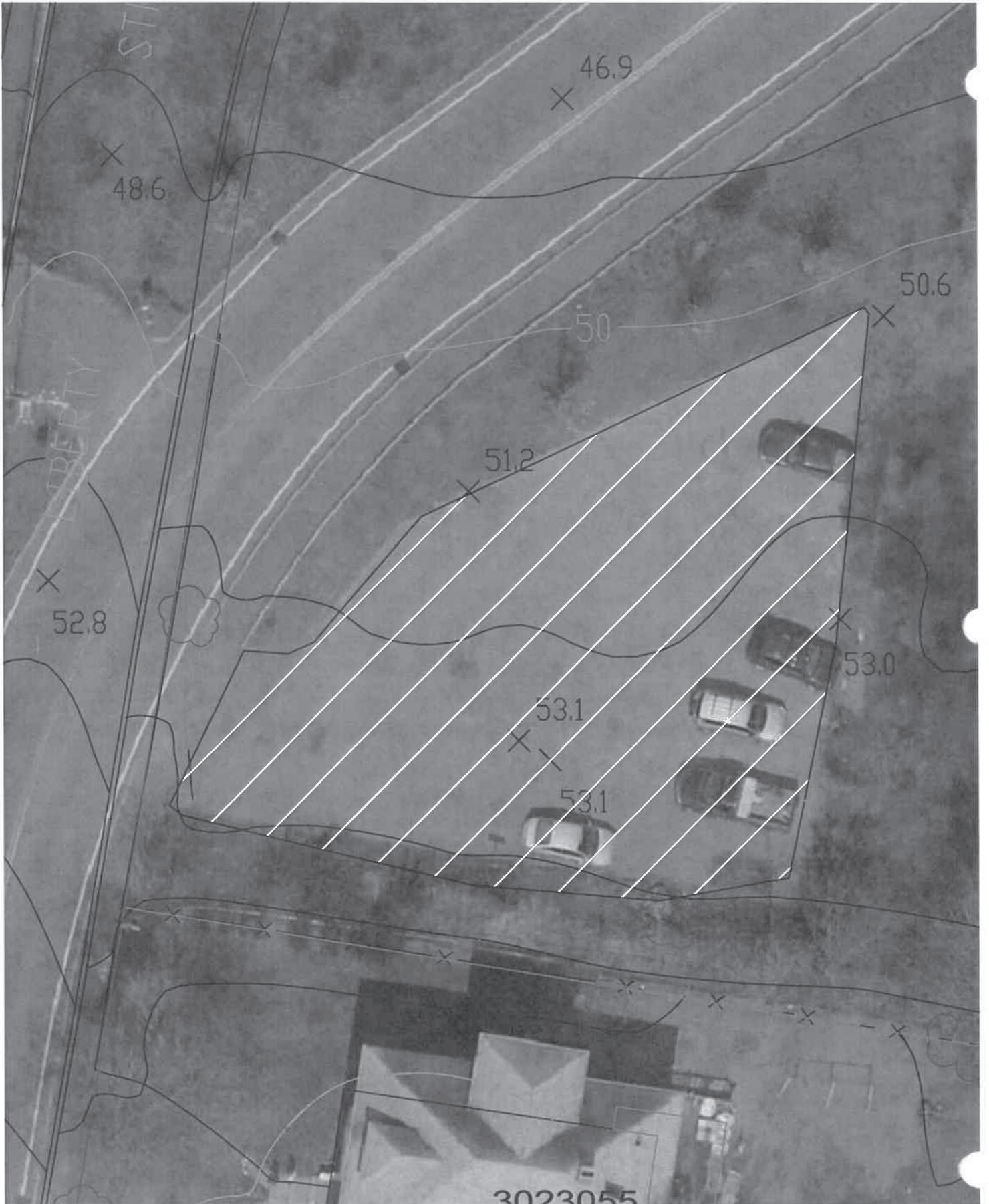
1. Department: DPW
2. Sub-Department: Golf Manager
3. Date: 1/10/2022
4. Contact Person: Daryn Brown
5. Contact Title: Golf Manager
6. Phone: 781-843-9780
7. Project Name: Parking Lot Repaving
8. Costs: \$60,000
9. Expenditure Schedule:
 FY22 \$0
 FY23 \$60,000
 FY24 \$0
 FY25 \$0
 FY26 \$0
10. Planning & Design: \$0
11. Site Improvement & Utilities:
 FY22 \$0
 FY23 \$0
 FY24 \$0
 FY25 \$0
 FY26 \$0
12. Construction/renovation: \$60,000
13. Other (Specify):
14. Cost Totals: \$60,000
15. Available Aid or Grant (specify):
16. Description and Justification:
17. Submitted by:
18. Priority:

Golf Course parking lot was last paved in 1994 and is in need of repair and resurfacing. We have an estimate to fill the cracks and seal coat all asphalt surfaces at the golf course parking lot and surrounding clubhouse areas.

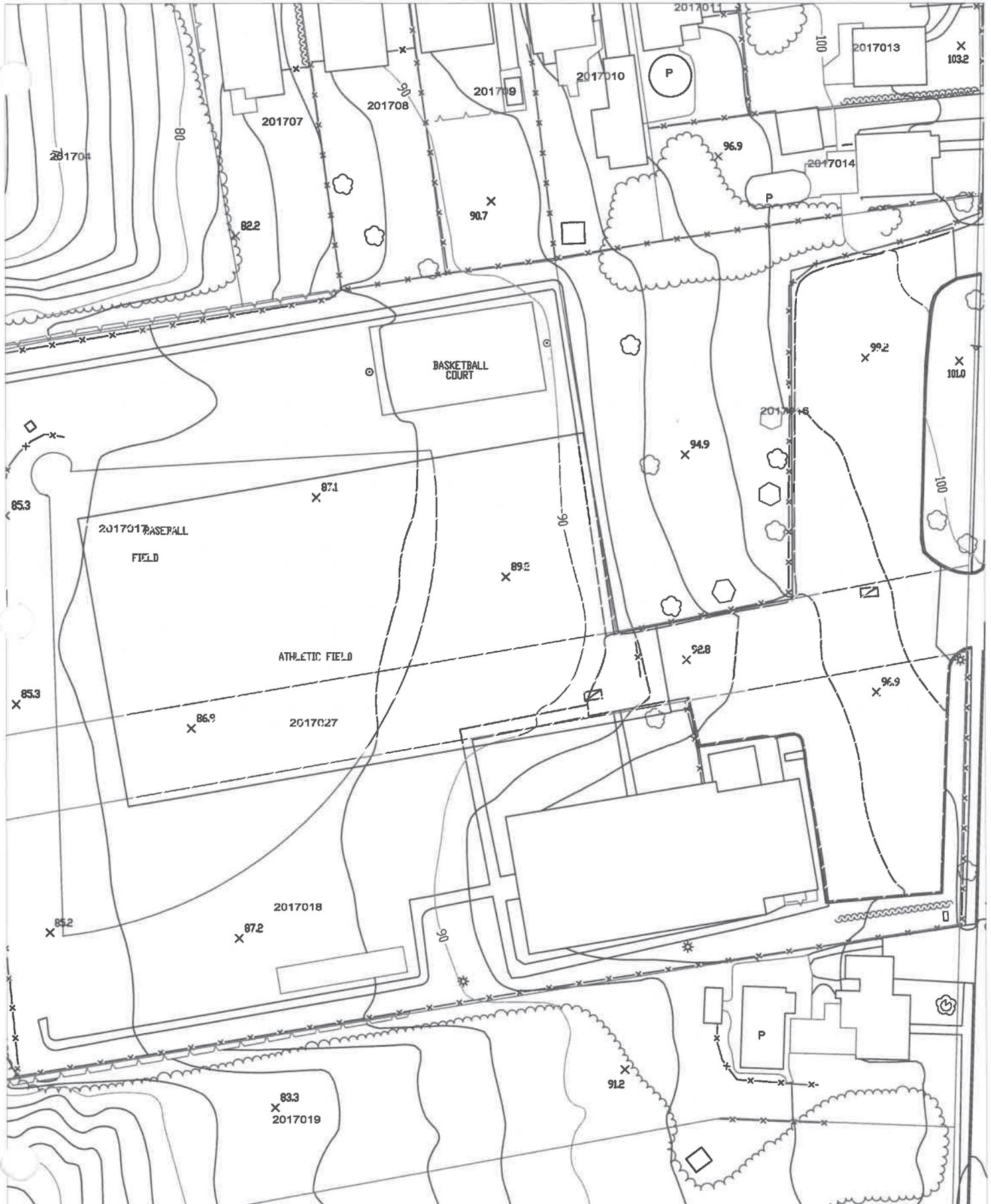
Daryn Brown
Golf Manager
6



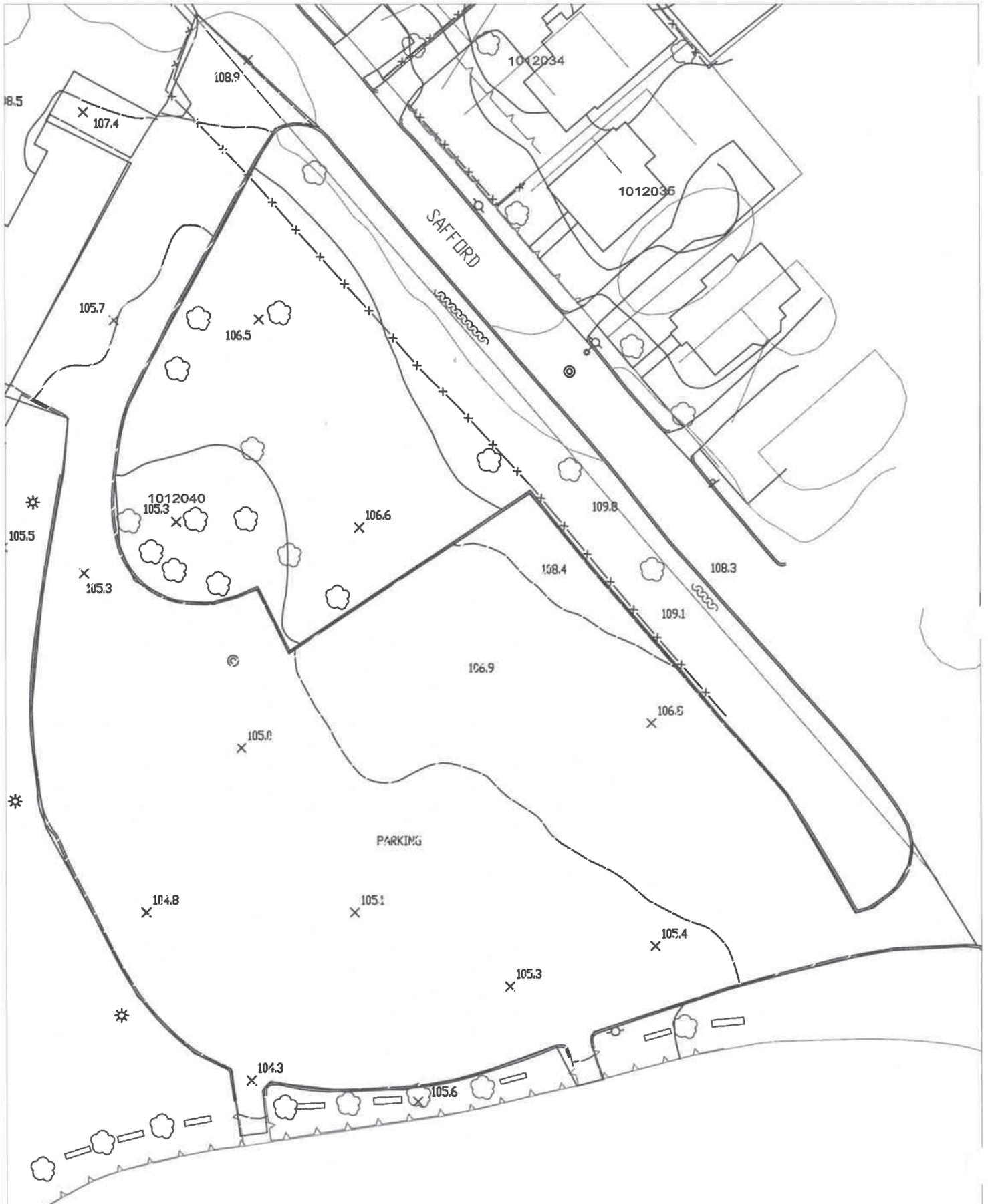
Town Hall Parking Lot



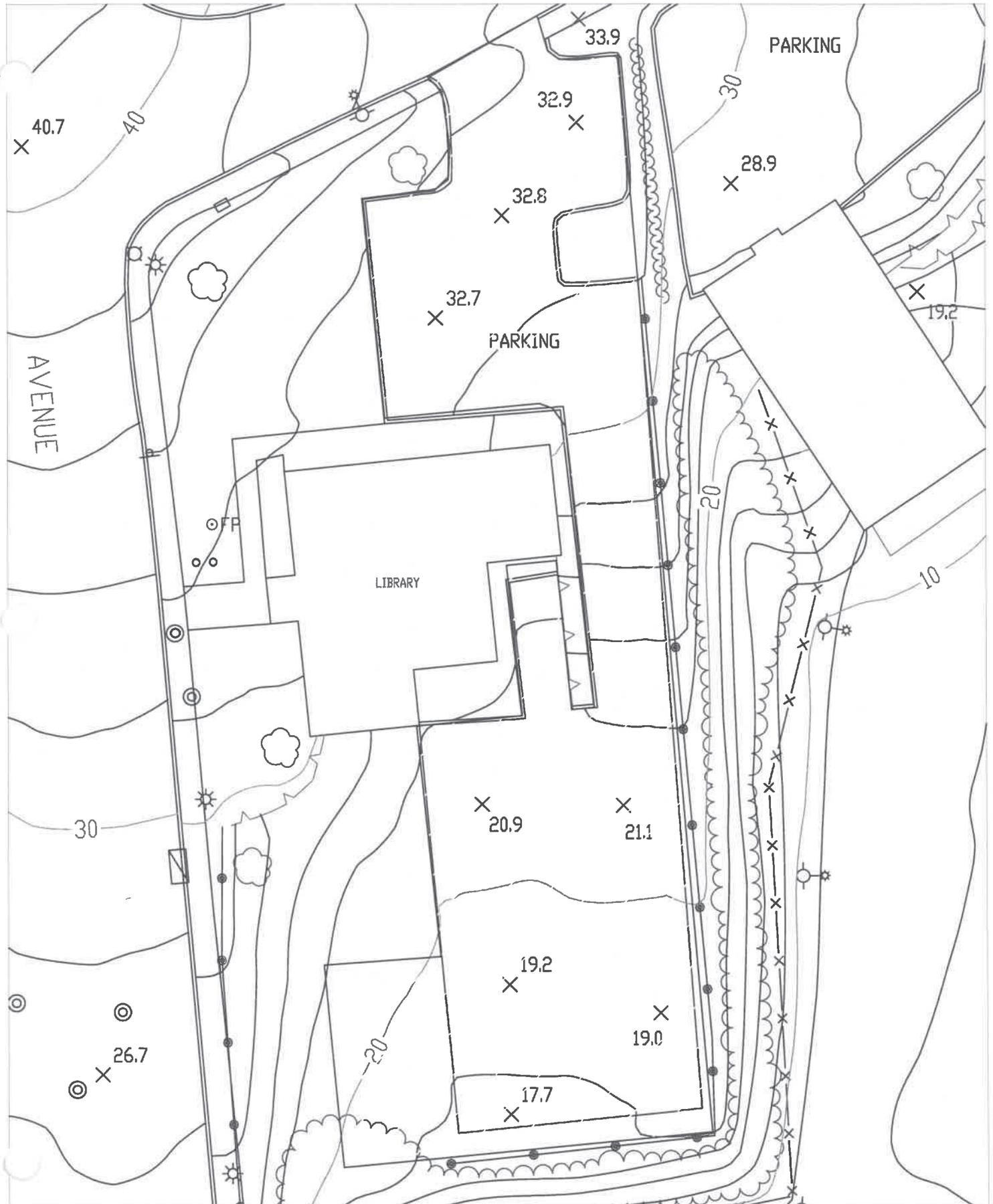
Perkins Park Parking Lot



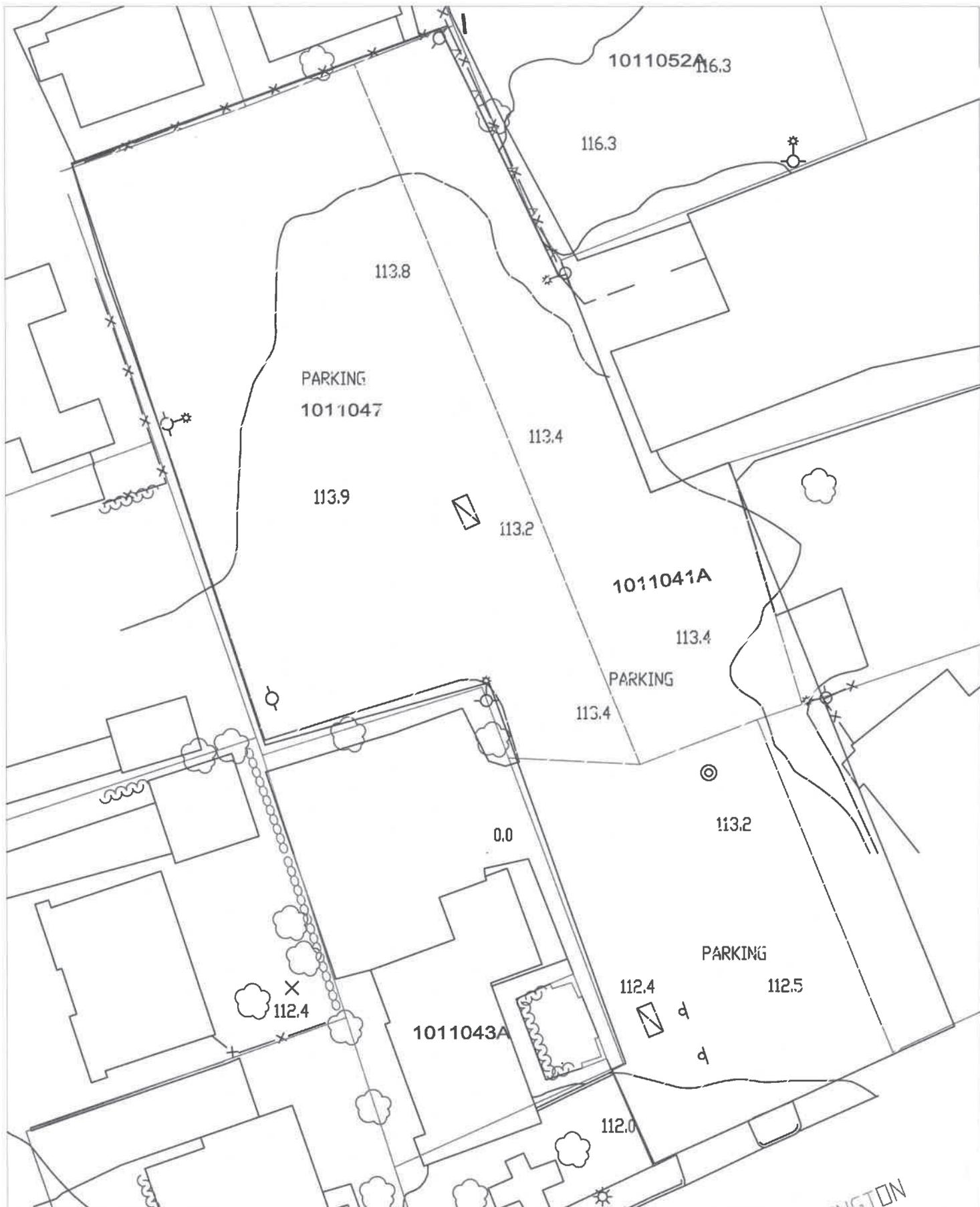
Penniman Park Parking Lot, (with expansion)



Sunset Lake Parking Lot



85 Quincy Ave Parking Lot



South Braintree Square Municipal Lot

Estimate for re-paving Town parking lots, 2020 prices

description	U	Town Hall	Perkins Park	Penniman Park	Sunset Lake	85 Quincy Ave	South Braintree Square Munic. Lot	quantity	units	unit price Edwards	extended price	total by contract
street length (or "1" if square footage is used)	1	1	1	1	1	1	1	6	lf	1		
street width, gutter to gutter (or square footage, with "1" in line 2)	1	62300	5700	55700	59000	14800	30700	228200				\$586,000.00
subtotal	1											\$0.00
subtotal	1											\$0.00
4" white single	1	4000	0	4000	5400	850	3000	17250	lf	\$0.39	\$6,727.50	
12" white stop & crosswalk	1	445	30	220	445	75	100	1315	lf	2	\$2,958.75	
8' white "Only" Legend	1	1	0	2	0	0	4	7	each	\$130.00	\$910.00	
arrows, federal size	1	1	0	2	0	0	4	7	each	\$80.00	\$560.00	
8' white "STOP" or "SLOW"	1	1	1	1				3	each		\$285.00	\$ 12,000.00
subtotal	1											
Unclassified Excavation	1	385	35	345	365	92	190	1411	cubic yard	\$17.00	\$23,994.81	
bituminous concrete excavation by cold planer	1	6922	6922	6922	6922	6922	6922	41533	sy	\$3.00	\$124,600.00	
Fine Grading & Compacting removal&disposal of drainage structure sediments	1	51	0	0	0	1646	3412	5109	sy	\$2.00	\$10,217.78	
gutter inlet	1	8	0	2	3	2	0	15	cubic yard	\$100.00	\$1,500.00	
Drainage Structure Adjusted (less than 6" vertical)	1	1	0	0	0	0	0	1	each	\$1,000.00	\$1,000.00	
Drainage Structure Remodeled	1	8	0	2	0	2	0	12	each	\$300.00	\$3,600.00	
Sanitary Structure Adjusted (less than 6" vertical)	1	3	0	0	0	2	0	5	each	\$400.00	\$2,000.00	
Frame and Cover, Town Standard	1	2	0	0	0	0	0	2	each	\$300.00	\$600.00	
Frame and Grate Heavy Duty(bicycle safe)	1	2	0	0	0	2	0	4	each	\$600.00	\$1,200.00	
12" ductile iron pipe	1	50	0	0	0	0	0	50	lf	\$90.00	\$4,500.00	
6" slot perforated corrugated plastic pipe (subdrain)	1	30	0	0	0	0	0	30	lf	\$40.00	\$1,200.00	
Gate Box Adjusted (less than 6")	1	1	0	1	2	0	2	6	each	\$200.00	\$1,200.00	
dense graded crushed stone for sub-base	1	192	18	171	181	45	94	702	cubic yard	\$25.00	\$17,537.59	
Calcium Chloride for Roadway Dust Control	1	1384	127	1238	1311	329	682	5071	lb	\$0.50	\$2,535.56	
Class I Bituminous Concrete Pavement- Type I-1 Binder	1	810	74	724	767	192	399	2967	ton	\$80.00	\$237,328.00	
Class I Bituminous Concrete Pavement - Type ST	1	607	56	543	575	144	299	2225	ton	\$50.00	\$111,247.50	
Bitumen for Tack Coat	1	346	346	346	346	346	346	2077	gallon	\$7.00	\$14,536.67	
Sawing pavement and sidewalk joints	1	2360	200	200	0	0	0	2760	lf	\$2.50	\$6,900.00	
Safety Signing for Construction Operations	1	100	40	40	80	40	80	380	sf	\$10.00	\$3,800.00	
ReflectORIZED Drum with Flasher (Type A)	1	200	50	100	200	50	200	800	drum-day	\$1.00	\$800.00	
subtotal	1											\$573,000.00
	-1											\$586,000.00
	-1											\$0.00
	-1											\$586,000.00
Total cost distributed proportionally ---->		\$159,982	\$14,637	\$143,033	\$151,507	\$38,005	\$78,835					
										Project Subtotal	\$586,000.00	
										Const. Phase Eng.	\$0.00	
										Project Total	\$586,000.00	

**Town of Braintree
 Department of Public Works: Golf
 Capital Improvement Project Request Form
 Schedule G-2 Construction/Renovation
 Fiscal Year 2022-Reference GO7**

- 1. Department: DPW
- 2. Sub-Department: Golf Manager
- 3. Date: 1/10/2022
- 4. Contact Person: Daryn Brown
- 5. Contact Title: Golf Manager
- 6. Phone: 781-843-9780
- 7. Project Name: Irrigation System Replacement
- 8. Costs: \$1,885,000
- 9. Expenditure Schedule:
 - FY22 \$0
 - FY23 \$1,885,000
 - FY24 \$0
 - FY25 \$0
 - FY26 \$0
- 10. Planning & Design: \$65,000
- 11. Site Improvement & Utilities:
 - FY22 \$0
 - FY23 \$0
 - FY24 \$0
 - FY25 \$0
 - FY26 \$0
- 12. Construction/renovation: \$1,820,000
- 13. Other (Specify):
- 14. Cost Totals: \$1,885,000
- 15. Available Aid or Grant (specify):
- 16. Description and Justification:

Our underground irrigation system has reached a critical point with frequent pipe and electrical failures. Over 80% of the piping dates back to the 1950's and 1960's consisting of Asbestos, Steel, and very old PVC. Some system upgrades were made in 1996 to three of the holes, but even those upgrades are now 20 years old. Our current system is having majors issues and now we're repairing leaks on a weekly basis. The current system is also very inefficient and wasteful of water, leading to poor turf conditions in many areas. Todays new systems are highly efficient offering pinpoint control and the ability to turn off certain areas should the State issue water restrictions. The City of Boston and many of the surrounding Towns have upgraded their golf irrigation systems in the last 10 years with ours now being the oldest. Planning and bidding would take place in the spring of 2022 with construction & installation starting September 2022. We are hoping for a 20+ year bond to pay for the system.

- 17. Submitted by: Daryn Brown
Golf Manager
- 18. Priority: 7