

**TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM-FY 2022-2026**

	DEPARTMENT/ AGENCY:	Waterford Recreation & Parks Commission						
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2021-2022	FISCAL YEAR 2022-2023	FISCAL YEAR 2023-2024	FISCAL YEAR 2024-2025	FISCAL YEAR 2025-2026	TOTAL
1	Veteran's Field Light Replacement	1	341,000.00					341,000.00
2	Equipment Storage Plan	1	21,000.00					21,000.00
3	Children's Playground Equipment	1	14,200.00					14,200.00
3	Children's Playground Equipment	8	36,000.00					36,000.00
4	Mago Point Light Replacement	1	25,990.00					25,990.00
5	Stenger Farm Restrooms	3,7		151,704.00				151,704.00
6	Tennis Court Replacement	3,7					164,800.00	164,800.00
								0.00
								0.00
	TOTALS		438,190.00	151,704.00	0.00	0.00	164,800.00	754,694.00

INDEX TO FUNDING SOURCES,

- 1 CURRENT YEAR CAPITAL IMPROVEMENTS
- 3 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
- 3 TRANSFER TO CAPITAL & NONRECURRING.
- 4 SHORT AND LONG TERM DEBT FINANCING
- 5 LoCIP
- 6 CNR UNDESIGNATED FUND BALANCE
- 7 FEDERAL/STATE GRANTS
- 8 OTHER FUNDING
- CONTRIBUTED GIFTS (GARDINER FAMILY FOUNDATION)

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**TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM**

DEPARTMENT/AGENCY <u>Waterford Recreation & Parks Commission</u>	CONTACT PERSON <u>Brian W. Flaherty</u>
PROJECT NAME <u>Veteran's Field Light Replacement</u>	DEPARTMENT PRIORITY <u>1</u>

1	DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)																																																																						
	The existing lights/poles at Veteran's Field were installed in the 1960's and need replaced. The current HID lights are outdated, do not properly illuminate the field, are not energy efficient, and replacement parts are difficult to locate. Repairs to these lights are growing in frequency which is a cost our department is responsible for. The LED lights being proposed will save energy and maintenance costs by approximately 50%. The current number of eight light poles will be reduced to six. Spill lighting/glare will be reduced. The bases are pre-cast concrete and the light poles are galvanized steel. The twenty-five year warranty covers the lights and onsite maintenance. Several organizations utilize this field (please refer to attached letter). Estimated yearly revenue is \$20,000. We have been contacted by new groups that have shown interest in renting the field as well. Estimated cost: \$325,000 + \$16,000 5% Contingency = \$341,000. This includes the demo & removal of existing equipment as well as the installation of the new equipment.																																																																						
2	PROJECT STATUS IF IN PROGRESS																																																																						
3	LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST																																																																						
	The public works department recently coordinated the replacement of all town street lights to energy saving LED's. Our department has had light audits done in our buildings and replaced old lighting technology with new energy efficient lighting. New dugouts were built by our maintenance crew in the spring of 2019. Irrigation is planned for this field.																																																																						
4	DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)																																																																						
	Cost savings in energy and maintenance costs due to the energy efficiency gained and twenty-five year warranty covering any work.																																																																						
5	GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)																																																																						
6	ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)																																																																						
	Budget estimate, equipment layout, illumination summary, usage letter attached.																																																																						
7	COST/FUNDING SOURCE																																																																						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;">FUNDING SOURCE</th> <th style="width: 15%;">APPROVED FUNDING TO DATE</th> <th style="width: 10%;">FY 2022</th> <th style="width: 10%;">FY 2023</th> <th style="width: 10%;">FY 2024</th> <th style="width: 10%;">FY 2025</th> <th style="width: 10%;">FY 2026</th> </tr> </thead> <tbody> <tr> <td>1 Current Year Capital</td> <td></td> <td style="text-align: center;">341,000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2 Utility Budget/Sewer Cap Maint Fund</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3 Transfer to CNR</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4 Short/Long-term Bonds</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5 LoCIP (detail in section 5 above)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6 CNR Undesignated Fund Balance</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7 Federal/State Grants (detail in section 5)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8 Other Funding (detail in section 5 above)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTALS</td> <td style="text-align: center;">0</td> <td style="text-align: center;">341,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	1 Current Year Capital		341,000					2 Utility Budget/Sewer Cap Maint Fund							3 Transfer to CNR							4 Short/Long-term Bonds							5 LoCIP (detail in section 5 above)							6 CNR Undesignated Fund Balance							7 Federal/State Grants (detail in section 5)							8 Other Funding (detail in section 5 above)							TOTALS	0	341,000	0	0	0	0
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Budget Estimate

Veterans Field Softball
Waterford, CT
October 7, 2020
Brian Flaherty

Budget Estimate – Materials and Installation

Musco's Light-Structure™ System as described below and installed:

Veterans Field Softball @ 265'/288'/265' with LED source: \$325,000 plus/minus 10%

Equipment Description

Light-Structure™ System in 5 Easy Pieces™

- Pre-Cast concrete bases
- Galvanized steel poles
- Remote electrical component enclosures
- Pole length wire harnesses
- Factory-aimed and assembled luminaries

Benefits of Light-Structure System with TLC for LED™ Total Light Control

- Reduction of energy and maintenance costs by 50% or more over HID equipment
- Reduction of spill light and glare by 50% or more
- A warranty for 25 years for our LED light source, that includes onsite maintenance
- Guaranteed light levels of 50 foot-candles infield and 30 foot-candles outfield
- Includes our Control-Link® Control & Monitoring System for remote on/off control and performance monitoring with 24/7 customer support

Notes

- Requires confirmation of field dimensions, pole locations and Musco lighting design prior to providing quote.
- Based upon projects similar in scope and is intended for preliminary planning purposes only
- Getting electrical power to the site, coordination with the utility and any power company fees are the responsibility of the owner
- Pricing is based on October 2020 pricing and is subject to change
- Assumes standard soil conditions – rock, bottomless, wet or unsuitable soil may require additional engineering, special installation methods and additional cost
- Assumes building code and wind speed – 2015 IBC and 140 mph wind speed

Thank you for choosing Musco for your sports lighting needs. Please feel free to contact us with any questions you may have.

Mike Mahoney
Musco Sports Lighting, LLC
Phone: 614-352-7438
Email: Mike.Mahoney@Musco.com



Brian Flaherty

From: Mike Mahoney <mike.mahoney@musco.com>
Sent: Wednesday, October 07, 2020 3:03 PM
To: Brian Flaherty
Subject: Re: vet's lights

CAUTION: This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

It's included, as long as there are no environmental issues regarding disposal.

Thanks

Get [Outlook for iOS](#)

From: Brian Flaherty <bflaherty@waterfordct.org>
Sent: Wednesday, October 7, 2020 2:41:43 PM
To: Mike Mahoney <mike.mahoney@musco.com>
Subject: RE: vet's lights

Hi Mike:

Does the quote include removal of the existing lights? If not, could you please provide a budget figure?

Best,

Brian

Brian W. Flaherty

Brian W. Flaherty, CPRP

Director

Waterford Recreation & Parks Commission

24 Rope Ferry Road

(Mailing Address: 15 Rope Ferry Road)

Waterford, CT 06385

860-444-5881



Please consider the environment before printing this email.

From: Mike Mahoney <mike.mahoney@musco.com>
Sent: Wednesday, October 07, 2020 12:26 PM
To: Brian Flaherty <bflaherty@waterfordct.org>
Subject: RE: vet's lights

CAUTION: This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

Brian,

Hope all is well. Please see attached.

Thanks,

Mike

@MikeM_Musco

From: Brian Flaherty <bflaherty@waterfordct.org>

Sent: Tuesday, October 6, 2020 12:07 PM

To: Mike Mahoney <mike.mahoney@musco.com>

Subject: vet's lights

Good Afternoon Mike:

It's that time of the year again. Could you please provide an updated quote for Veteran's Softball Field Lighting please? Hoping to get this approved one of these days!

Thanks,

Brian

Brian W. Flaherty

Brian W. Flaherty, CPRP

Director

Waterford Recreation & Parks Commission

24 Rope Ferry Road

(Mailing Address: 15 Rope Ferry Road)

Waterford, CT 06385

860-444-5881



Please consider the environment before printing this email.

Veterans Field Softball

Worcester, CT

INCLUDES:

Electrical System Requirements: Refer to Appendix
Draw-Check notes: The Musco General System Summary
for electrical layout.
Installation Requirements: Details as shown in 200
National Lighting Handbook, Table 11.1 and 11.2
located within 3 feet (1m) of everyon's direction.

TYPE	LOCATION	WATTAGE	WATTAGE	WATTAGE	WATTAGE
1	A1-A2	400	11.1/10m	11.1/10m	2.4/1
2	B1-B2	400	11.1/10m	11.1/10m	2.4/1
3	C1-C2	400	11.1/10m	11.1/10m	2.4/1
4	D1-D2	400	11.1/10m	11.1/10m	2.4/1
5	E1-E2	400	11.1/10m	11.1/10m	2.4/1
6	F1-F2	400	11.1/10m	11.1/10m	2.4/1

Ballast Specifications	Line Ampere Per Luminaires
1. Luminaires: 1000W	1000W
2. Single Phase (VOLTAGE)	200V
3. Luminaires: 1000W	1000W
4. Single Phase (VOLTAGE)	200V
5. Luminaires: 1000W	1000W
6. Single Phase (VOLTAGE)	200V
7. Luminaires: 1000W	1000W
8. Single Phase (VOLTAGE)	200V
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10. Single Phase (VOLTAGE)	200V
11. Luminaires: 1000W	1000W
12. Single Phase (VOLTAGE)	200V
13. Luminaires: 1000W	1000W
14. Single Phase (VOLTAGE)	200V
15. Luminaires: 1000W	1000W
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25. Luminaires: 1000W	1000W
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71. Luminaires: 1000W	1000W
72. Single Phase (VOLTAGE)	200V
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96. Single Phase (VOLTAGE)	200V
97. Luminaires: 1000W	1000W
98. Single Phase (VOLTAGE)	200V
99. Luminaires: 1000W	1000W
100. Single Phase (VOLTAGE)	200V

SCALE IN FEET 1:40
ENGINEERED DESIGN BY: INKMEYER • File #156012A • 06-Nov-19

Final Permitted, ± dimensions as shown.
to 0.01 inches (0.25mm).

MUSCO
lighting
We Make It Happen
EQUIPMENT LAYOUT

[illegible]

from the overall χ^2 distribution, the relative to O.D. reference points.


PUSCO
Engineering
 We Make It Happen

ILLUSTRATION SUMMARY

There is no restriction on whole or part removal of the patented component of Musical Sports Lighting, LLC. ©1997, 2012 Musical Sports Lighting, LLC.

Make it happen

300

Figure 3. Form 1. List of design locations.

Requirements: Results assume $\pm 3\sigma$ limits at 95% level of confidence and 4000

...the "Musco Control Systems Sun-

Received: 11/11/2015; Accepted: 12/11/2015

elements: individual, the group, the

announced by the state in 1995

Performance: The Information Systems

1.575 281.000 281.000

File Type	250 hrs	250 hrs
0-1500	282,000	281,000

Wires: 24
 Total Load: 29.19 MW

Color / CR1 5700K - 75 CRI
 3600K / 52,000 lumens

No. of parts	25	348.
Box 1000-3000		

Wavenumber (cm ⁻¹)	1,234	2,822
Cu	0.24	

Time (min)	Flow Rate (mL/min)	Temperature (°C)
1.0	1.0	100
1.5	1.0	100
2.0	1.0	100
2.5	1.0	100
3.0	1.0	100
3.5	1.0	100
4.0	1.0	100
4.5	1.0	100
5.0	1.0	100
5.5	1.0	100
6.0	1.0	100
6.5	1.0	100
7.0	1.0	100
7.5	1.0	100
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42.0	1.0	100
42.5	1.0	100
43.0	1.0	100
43.5	1.0	100
44.0	1.0	100
44.5	1.0	100
45.0	1.0	100
45.5	1.0	100
46.0	1.0	100
46.5	1.0	100
47.0	1.0	100
47.5	1.0	100
48.0	1.0	100
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53.5	1.0	100
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55.5	1.0	100
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56.5	1.0	100
57.0	1.0	100
57.5	1.0	100
58.0	1.0	100
58.5	1.0	100

Variable	Unit	Value
Age	Years	25.5
Gender	Male/Female	15/10
Height	cm	175
Weight	kg	75
Heart rate	beats/min	120
Blood pressure	mmHg	120/80
Respiratory rate	breaths/min	18
SpO ₂	%	98
Temperature	°C	37.5

d Average	50	30
Standard Deviation	30.94	30.94

COPY

Spacing: 20.0 x 20.0
Height: 24" above grade

Näme: Softball

100

es. The Software

WATERFORD RECREATION AND PARKS COMMISSION

October 27, 2020

To: Brian Flaherty, Director
From: Kerry Sullivan, Program Coordinator
Re: Use of Vet's Field

Brian:

Here is the approximate usage of time, weeks, hours, and possible revenue, if we have the availability to rent out Veteran's Field. I am going by groups that have requested the usage of the field in past and groups that were hoping to get usage of it this past spring and summer because the field had more availability with the high school going to their own field. However, with the covid-19 we all know that was put on hold.

We have received requests from EBAC (Electric Boat Athletic Club) to use the field. In the past we were able to work with them a little however, they knew the field would have been opened up more this past spring. Currently they have requested three days a week from 4:00pm to 10:00pm. This would be for approximately 30 weeks x 3 days x 4 hours of time for 360 hours. The cost of this would be \$7,200 for just use of the field. There could be additional cost for the lights and use of the scoreboard depending on how the commission would like to charge.

We also have on Sundays the Friendship League that uses the field for approximately 10 dates at 4 - 6 hours per date, so this could bring in revenue of \$1,200.

Another group that uses the field for approximately 5-8 usages at 3 hours is the firefighters. Currently we do not charge them. Hours of usage equals, 24 hours.

ASA has inquired about running a women's league using our field. This is something that I believe would be beneficial as we would not have to budget for the league and they would pay to use our field. This would be two evenings at 4 hours per evening and again bringing in approximately \$2,400 and again an additional fee for the lights and scoreboard should the commission want.

Another group that has been looking for property is the Frisbee League. This we could offer them usage of the field Saturday evenings for four hours and their time would be for approximately 12 weeks times 4 hours for 48 hours and bring in revenue of \$960.

We also receive requests from groups for travel teams and would be able to fit them in when we can.

So approximate usage of the Veteran's Field from March to October could roughly be the following:

- 360 hours by EBAC
- 60 hours by Friendship League
- 24 hours by Firefighters League
- 120 hours by ASA League
- 48 hours by Frisbee League

For a total of 612 hours and could potentially bring in over \$11,760 in revenue. This would be from April until October.

On top of this, our men's league would also be using the field for approximately 22 weeks x 2 days per week x 4 hours per day for 176 hours. This league currently brings in \$6,000 per year.

These figures do not include fitting in travel teams or other groups requesting usage. I would estimate we would be get approximately an addition 20 hours per month from May to October for usage of this field. This would include camps, travel teams, practice times, senior league and possibly additional time with the high school JV team requesting to use the field if it is available.

Total time of usage for the season of April until October could be 908 hours. At the current fee for revenue of \$20 for 2 hours for residents and \$40 for two hours for out of town this is \$11,760, plus our men's softball league of an additional \$6,000 this close to approximately \$20,000 adding in the extra usages.

**TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM**

DEPARTMENT/AGENCY

Waterford Recreation & Parks Commission

CONTACT PERSON

Brian W. Flaherty

PROJECT NAME

Equipment Storage Plan Engineering Services

DEPARTMENT PRIORITY

2

1	DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project) This request has been moved up in the plan due to the need to start the process of storing and preserving our equipment. The department is looking to store and preserve equipment and materials indoors or at least on pads with roofs to cover materials such as mulch, clay, and stone dust. Maintenance operations have steadily grown over the past decade which requires additional equipment and materials. We currently operate with two garages; one located at Waterford Beach Park and the other located at Veterans Civic Triangle Park. There is simply not enough room to store all of the equipment on hand to include trucks, mowers, field grooming machines, tractors, sand/salt spreaders, beach groomers, hand tools, etc. Equipment is being exposed to the climate and weather conditions that provide unnecessary wear and damage to the equipment/machines. Materials also need a more suitable location. This survey & engineering proposal will identify the requirements and future funds needed to properly store our equipment and vehicles. Veterans' garage serves as our main garage facility. The access road needs improved as well. Indoor equipment & general maintenance work occurs at both garages as well. TL: \$20,000 + 5% contingency= \$21,000.																																																																													
2	PROJECT STATUS IF IN PROGRESS Initial Proposal received by Anchor who is currently a vendor under contract with the Town of Waterford for engineering consulting services. Work outside completed by our staff by the Vet's garage such as improving the area where materials are stored and the access road.																																																																													
3	LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST Improvements to drainage and a new accessible sidewalk were installed by the restroom facility (connected to the garage) in the fall of 2019.																																																																													
4	DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable) The department's operational budget will increase if any addition that is added requiring utilities, but will be offset by the ability to retain and properly store expensive machinery and equipment. Labor savings byway of a more efficient garage.																																																																													
5	GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)																																																																													
6	ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below) Scope of services attached by Anchor(Barton & Loguidice, LLC) A 5% contingency was included (\$20,000 + \$1,000 contingency) \$21,000. Pictures attached.																																																																													
7	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="7" style="text-align: center;">COST/FUNDING SOURCE</th> </tr> <tr> <th style="width: 35%;">FUNDING SOURCE</th> <th style="width: 15%;">APPROVED FUNDING TO DATE</th> <th style="width: 10%;">FY 2022</th> <th style="width: 10%;">FY 2023</th> <th style="width: 10%;">FY 2024</th> <th style="width: 10%;">FY 2025</th> <th style="width: 10%;">FY 2026</th> </tr> </thead> <tbody> <tr> <td>1 Current Year Capital</td> <td></td> <td style="text-align: center;">21,000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2 Utility Budget/Sewer Cap Maint Fund</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3 Transfer to CNR</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4 Short/Long-term Bonds</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5 LoCIP (detail in section 5 above)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6 CNR Undesignated Fund Balance</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7 Federal/State Grants (detail in section 5)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8 Other Funding (detail in section 5 above)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTALS</td> <td style="text-align: center;">0</td> <td style="text-align: center;">21,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	COST/FUNDING SOURCE							FUNDING SOURCE	APPROVED FUNDING TO DATE	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	1 Current Year Capital		21,000					2 Utility Budget/Sewer Cap Maint Fund							3 Transfer to CNR							4 Short/Long-term Bonds							5 LoCIP (detail in section 5 above)							6 CNR Undesignated Fund Balance							7 Federal/State Grants (detail in section 5)							8 Other Funding (detail in section 5 above)							TOTALS	0	21,000	0	0	0	0
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November 12, 2020

Brian Flaherty, Director
Town of Waterford Recreation & Parks Department
15 Rope Ferry Road
Waterford, Connecticut. 06385-2886

Re: **Survey & Engineering Proposal**
Evaluation of Maintenance Facility Improvements

Dear Mr. Flaherty:

Barton and Loguidice, LLC is pleased to submit this proposal for engineering services related to the evaluation of improvements at the Department's maintenance facilities located adjacent to Town Hall and at the Waterford Beach Park property. Based upon our discussion, it is our understanding that the Town would like to evaluate a variety of improvements at both sites, including potential building additions and other exterior site improvements to allow for improved storage capacity and operations.

SCOPE OF SERVICES

TASK 1 – DATA ACQUISITION & BASEMAPPING – TOWN HALL SITE

Barton & Loguidice, LLC will prepare a base map depicting existing conditions, boundary information, and inland wetlands and watercourses. This task is necessary for site design and to establish project parameters.

A - BOUNDARY SURVEY & HORIZONTAL CONTROL:

A boundary survey for the project area conforming to a horizontal accuracy of Class A-2 is required for this project. Sufficient boundary survey will be completed in order to design and permit the proposed garage expansion. Anchor does not propose to prepare a boundary survey for the entire parcel(s) of land that the project area will take place on.

B – INLAND WETLANDS DELINEATION:

Barton & Loguidice will engage the services of a certified soil scientist to delineate the limits of inland wetlands & watercourses, if any, within the parcel area. If wetlands are found and delineated, B&L will obtain the location of the wetlands flags and incorporate them into the basemapping.

November 12, 2020
 Evaluation of Maintenance Facility Improvements
 Waterford, Connecticut

C – TOPOGRAPHIC SURVEY AND CONTROL:

Topographic mapping will be done by performing on-the-ground survey work to a T-2 certification standard. Anchor Engineering Services, Inc. will provide ground control and obtain mapping with two-foot contour increments. This will be necessary, at a minimum, for site design, layout and grading in the proposed project area.

TASK 2 – DATA ACQUISITION & BASEMAPPING – BEACH PARK SITE

Barton & Loguidice, LLC will compile publicly available information in order to prepare a base map for this site. The expected available information includes aerial imagery, GIS information, LIDAR mapping, as well as other sources. No survey services are proposed for this site at this time due to the expected lack of adjacent wetlands and property boundaries.

TASK 3 – CONCEPTUAL SITE IMPROVEMENT PLANS

Barton & Loguidice will meet with Town staff to discuss desired site improvements and, based upon feedback received at that meeting, prepare conceptual site improvement plans for each of the two department sites. The conceptual plans will include the location of any proposed building additions and exterior site improvements. Anchor will deliver the conceptual improvement plans to the Town for review and comment and make appropriate changes as necessary to respond to any comments received.

PROFESSIONAL FEES

Anchor Engineering proposes to complete the work described above on an hourly basis in accordance with our established rates with the Town. An estimate of fees associated with each task is as follows:

TASK 1:	Data Acquisition & Basemapping – Town Hall Site	\$ 4,600
TASK 2:	Data Acquisition & Basemapping – Beach Park Site	\$ 1,200
TASK 3:	Conceptual Site Improvement Plans	\$ 2,500

Barton & Loguidice proposes to complete the Scope of Services for the estimated fees listed above. Actual hourly fees will be based on actual work performed. Direct costs such as printing and mileage will be billed accordingly.

Costs for future services, including final site plan development, local permitting assistance, structural design, bid package preparation, and bidding assistance will be dependent upon what improvements will be pursued at each of the two sites. Presuming, based upon our conversation, that these improvements will include minor exterior storage and maneuverability improvements at the Town Hall site as well as a building addition in addition to exterior storage improvements at the Beach Park site, we anticipate fees for these services to be in the range of approximately \$20,000. We will prepare a formal proposal for these services after completion of the phase of work included in this proposal.

November 12, 2020
Evaluation of Maintenance Facility Improvements
Waterford, Connecticut

We look forward to this opportunity to provide our services to you. Please call me should you have any questions or comments regarding this proposal.

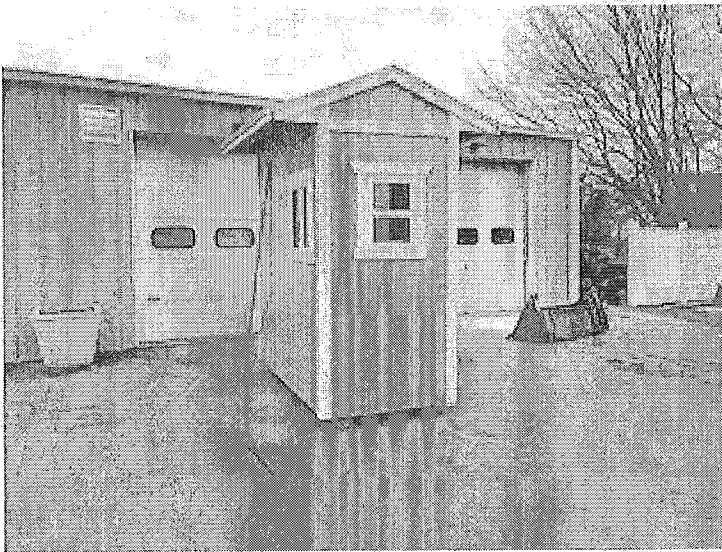
Sincerely,
BARTON & LOGUIDICE, LLC

A handwritten signature in black ink, appearing to read "Matt Brown". The signature is stylized with a large, looped "M" and a cursive "Brown".

Matthew N. Brown, P.E.
Senior Associate



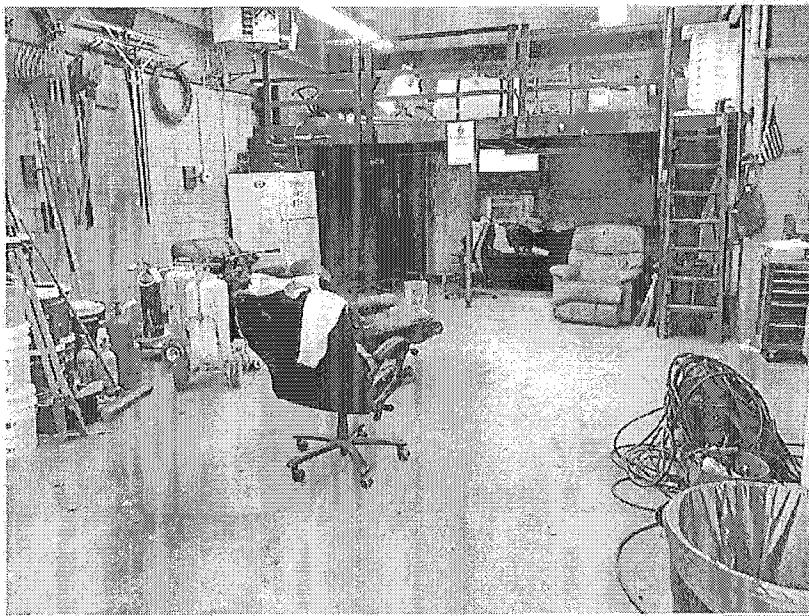
Veteran's garage Maintenance building. Note vehicles parked outside and storage trailer. Dirt road.



Waterford Beach three bay garage, note equipment outside.



Veteran's garage interior.



Veteran's Garage Break Area.

**TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM**

DEPARTMENT/AGENCY

Waterford Recreation & Parks Commission

CONTACT PERSON

Brian W. Flaherty

PROJECT NAME

Children's Playground Equipment

DEPARTMENT PRIORITY

3

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The Children's Playground continues to grow thanks to the generosity of the Gardiner's Family Foundation, town capital funding, volunteer and staff efforts. It was opened in May of 2011 and continues to serve many families in our community. Children of all abilities can enjoy utilizing the playground. The intent from the beginning was to add equipment to the playground as funds become available. The area for expansion is becoming smaller in size. An older playscape near the new playground would be removed to make room for new equipment. Poured-in-place rubber safety surfacing would be installed as well for an approximate cost of \$25,000. Patrons have requested shade structures that would help keep children and the playground surfacing cooler on hot summer days. The quote from O'Brien & Sons for the shade structure and installation is \$23,978 + 5% contingency for a total of \$25,200. The contributed gift fund balance as of 10/20 is approximately \$26,000. The Gardiner Family Foundation will be donating another \$10,000 for a total of \$36,000. We are requesting a \$14,200 designation of town capital funds to bring the project budget estimate total to \$ 50,200, 71% raised by donated funds.

2 PROJECT STATUS IF IN PROGRESS

Project is reviewed yearly. In the summer of 2019, spinner equipment was installed along with poured in place safety surfacing.

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

*A plan including this area of the Civic Triangle Park is being developed with the planning department and other town departments. The accessible sidewalk by the bathrooms along with drainage and landscaping improvements, was completed in the fall of 2019. Landscaping & grading has begun in 2019 in the Gazebo area and continues. The result will be a much improved and accessible park and recreation area in the Town's Civic Triangle. We are also working with the First Selectman to improve the Duck Pond area.

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

Continued donations by the Gardiner Family Foundation will allow us to continue this worthwhile project. The contributed gift fund balance designated for this project stands at \$26,000 with an additional pledge of \$10,000 expected from the foundation in 7/2021.

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the below)

State contract quote and map provided by O'Brien & Sons for the shade structure. Quote for the additional playground equipment will be \$25,000 and we expect to receive it in November of 2020.

7 COST/FUNDING SOURCE

FUNDING SOURCE	DATE	FY2022	FY2023	FY2024	FY2025	FY2026
1 Current Year Capital		14,200				
2 Utility Budget/Sewer Cap Maint Fund						
3 Transfer to CNR						
4 Short/Long-term Bonds						
5 LoCIP (detail in section 5 above)						
6 CNR Undesignated Fund Balance						
7 Federal/State Grants (detail in section 5)						
8 Other Funding (detail in section 5 above)		36,000				
TOTALS		0	50,200	0	0	0



M.E. O'BRIEN & SONS, INC.
17 Trotter Drive - P O Box 718 / Medway MA 02053
508-359-4200 (phone) / 508-533-6342 (fax)
SDO Certified WBE (MA Only)

QUOTATION

Date: September 3, 2020

Page 1 of 2

Job: Triangle Park

Location: Waterford, CT

Salesman: Peter Wallace, CPSI / Phone: 508-906-1628 / Fax: 203-805-4265
Peter_Wallace@obrienandsons.com

Attention: Brian Flaherty / bflaherty@waterfordct.org

We are pleased to offer our quotation on the following for the above subject job:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>TOTAL</u>
	<i>As Manufactured by Shade Systems:</i>	
(1)	Mega Span 24'x28' with 10' Eave Height and Pier Mounted Columns <i>Price includes CT Professional Engineer Sealed Drawings & Calculations</i>	\$13,178.00
(1)	Installation Services • Receive product delivery • Auger holes, install concrete pier footings • Assemble shade structure, bolt to pier footings • Repair damaged soil areas	\$10,800.00
Total Project Price		\$23,978.00

Date: _____ Signature of Approval: _____
PO# (if any): _____ Printed Name: _____
Tax Exempt ID #: _____ Total Amount \$: _____
Bill to name/dept: _____
Bill to address: _____
Ship to name/dept: _____
Ship to address: _____
24-hr. before delivery Contact Name & Phone #: _____

Continued...

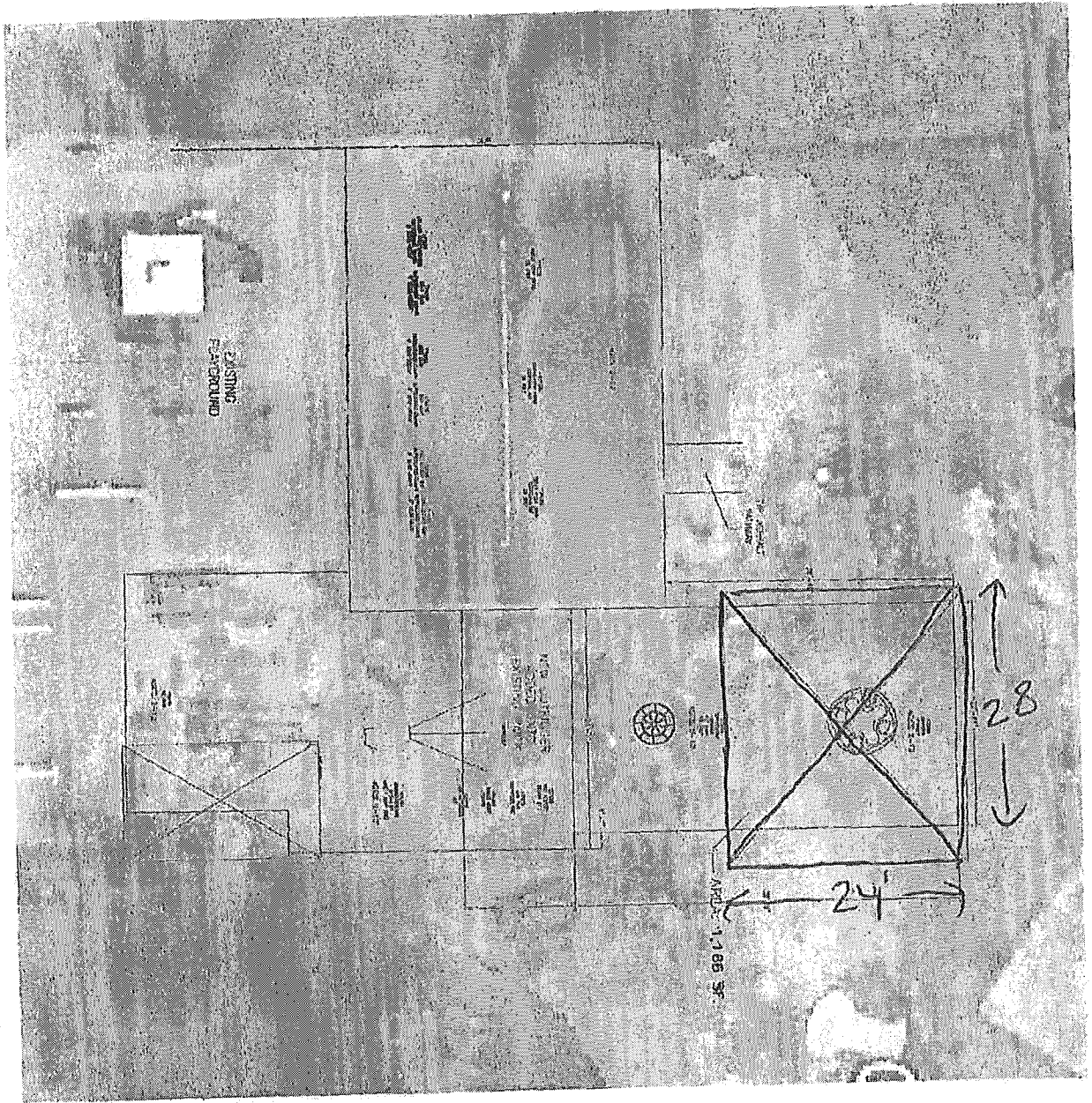
Re: Triangle Park
Waterford, CT
September 3, 2020

Page 2 of 2

****PLEASE READ – IMPORTANT NOTES – PLEASE READ****

- Quote is based on information at the time of bid/request. Any changes, updates, addenda, etc. may require quote to be revised.
- Contractor/Customer is responsible for quantity, color, and product confirmation.
- Prices based on quantities listed. Any change to quantities may impact prices quoted.
- M.E. O'Brien & Sons is NOT responsible for plan take-offs. All quantities, square footages, thicknesses, etc. are the responsibility of the purchaser. Confirm and double check quantities quoted. It is the responsibility of the purchaser to approve/purchase items "per plan".
- Prices are quoted for 2020, are firm for 30 days only and are subject to review thereafter.
- Prices are for materials only unless otherwise noted.
- Prices do NOT include off-loading, lift-gate (lift-gate is an additional charge) or inside delivery.
- Prices do NOT include sales tax, resilient surfacing, assembly or installation.
- If installation is included, M.E. O'Brien & Sons is NOT responsible for buried underground hazards including, but not limited to: ledge, unsuitable bearing soils, unmarked utilities, boulders, construction debris and any other conditions beyond our control. Additional cost will be required to rectify these situations.
- Prices do NOT include cost for electrical cut outs or staining of tongue and groove roof decking unless otherwise noted.
- E3 engineered drawings are not site specific. If site specific engineered drawings are required, a soil test must be provided by the customer prior to requesting E3 engineered drawings.
- Shade Systems fabric must be removed should winds be expected to exceed 90 mph.
- Regarding LSI Skyways Fabric Shade Structure, price includes Sealed Engineered Drawings (Electronic Format only).
- Standard manufacturer's design, colors, specifications, and construction apply.
- If ordered, inspect entire delivery carefully, making note on delivery receipt of ANY damage so a freight claim can be filed if damage is discovered after opening package(s).
- Retainage does not apply.
- Returns must be made within 30 calendar days of receipt of order. Customer is responsible for re-stocking fee plus shipping charges (to and from) for all returned items. Custom products are NOT returnable.
- Our terms are: to be arranged – 1st order requires 50% deposit and execution of credit application.
- Allow 8 to 10 weeks for delivery of materials after receipt of order and architectural approval if required.

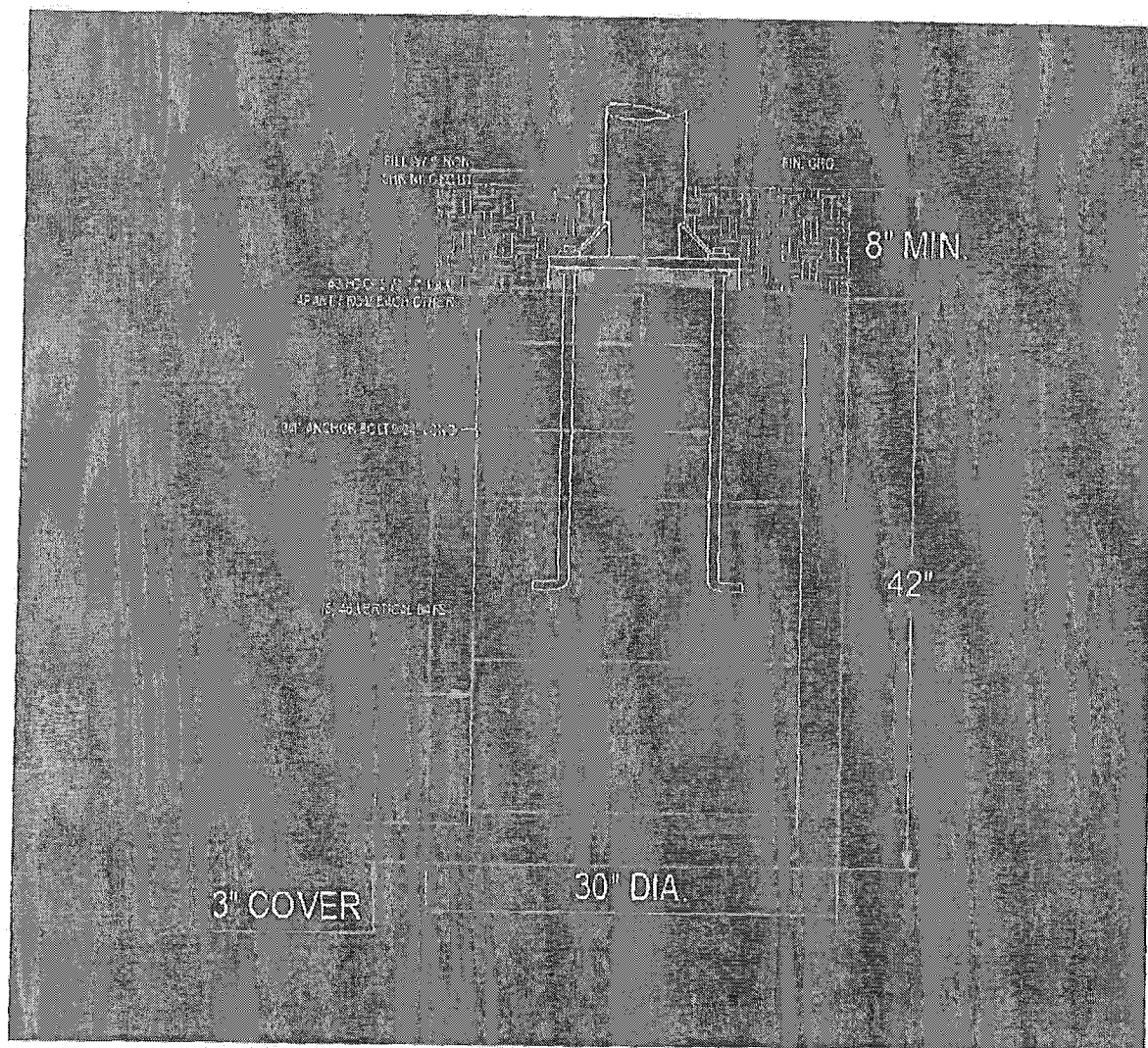
*If we can be of further assistance, please do not hesitate to contact us.
Thank you!*



Peter Wallace

From: matt.shadesystemsinc.com <matt@shadesystemsinc.com>
Sent: Wednesday, September 2, 2020 3:15 PM
To: Peter Wallace
Subject: RE: Triangle Park, Waterford CT
Attachments: R242810.pdf; COTC122010 No Offset.pdf

Here are the drawings and the Pier mount footers below



**TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM**

DEPARTMENT/AGENCY

Waterford Recreation & Parks Commission

CONTACT PERSON

Brian W. Flaherty

PROJECT NAME

Mago Point Light Replacement

DEPARTMENT PRIORITY

4

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The Mago Point Redevelopment ADHOC Committee was tasked with improving the Town's Mago Point area. The Mago Point Park benefited byway of an accessible fishing pier, new sidewalks, and decking. Four new nautically themed lights were installed as well. This project was achieved with State grant funds. The funds are expended, and two existing lights in the park still need replaced. They do not always work, and it would benefit the the park by having LED light saving technology. Prime Electric supplied the other lights and pricing is per state contract. The cost includes installation: \$ 25,990 (includes 5% contingency)

2 PROJECT STATUS IF IN PROGRESS

See number 1.

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

The public works department recently coordinated the replacement of all town street lights to energy saving LED's. Our department has had light audits done in our buildings and replaced old lighting technology with new energy efficient lighting. New dugouts were built by our maintenance

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

Cost savings in energy and maintenance costs due to the energy efficiency gained with the LED lights.

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in area below)

Price estimate and specification sheet.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
1	Current Year Capital		25,990				
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS		0 25,990	0	0	0	0



33 Wisconsin Avenue
Suite 101
Norwich, CT 06360

Estimate

Date	Estimate No.
01/05/2018	5292

Customer
Town of Waterford Abby Piersall 15 Rope Ferry Road Waterford, CT 06385

Customer Number	Terms	Rep
	Net 30	BB

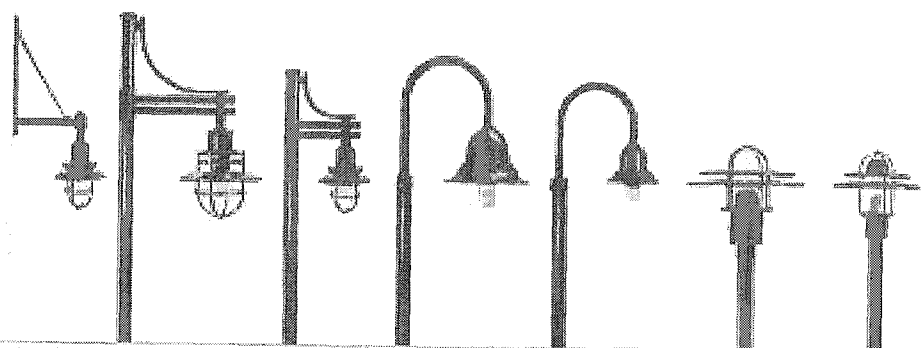
Description	Cost	Total
Waterford Pier Lights- REV-2	0.00	0.00
Scope-		
Provide pricing for fixture replacement options per our discussion.		
Fixture Cost- the proposed Phillips - Lumec fixture spec you provided is included in this estimate, the pole and fixture style is a CANDS with fixture equivalent to 70w	21,040.00	21,040.00
Poles are rated for the marine environment, pole height is 16ft, color is black. one pole one head option.		
This cost is per pole delivered to the town (not installed) Cost per pole \$5260.00 / 4 fixture are included in this line item.		
Install cost per pole-	3,712.00	3,712.00
Existing light pole base must have power present at the base, anchors must be reusable.		
Pole must be delivered to the site. cost per pole \$928.00 / 4 fixture installs are included in this line item.		
Notes- all pricing is per state contract 13PSX0235 Labor rate of \$60.00 per hr Markup allowed of 20%	0.00	0.00
2 % on past due accounts, 24% Annum. plus attorney and collection fees can be added to past due act's. Work will be sch. upon acceptance. Quote valid for 60 days.		
Subtotal		\$24,752.00
CT Tax (6.35%)		\$0.00
Total		\$24,752.00

Authorized Signature _____

Phone (860)889-0823
www.primeelectricllc.com

Toll Free (800)291-2119
License #CT125431-E1/CT123648-E1 AA/EOE/SBE

Fax (860)886-2344



CANDS1-RMS-M

CAND1-CN1

CANDS1-CN1S

CAND3-SM

CANDS3-SMS

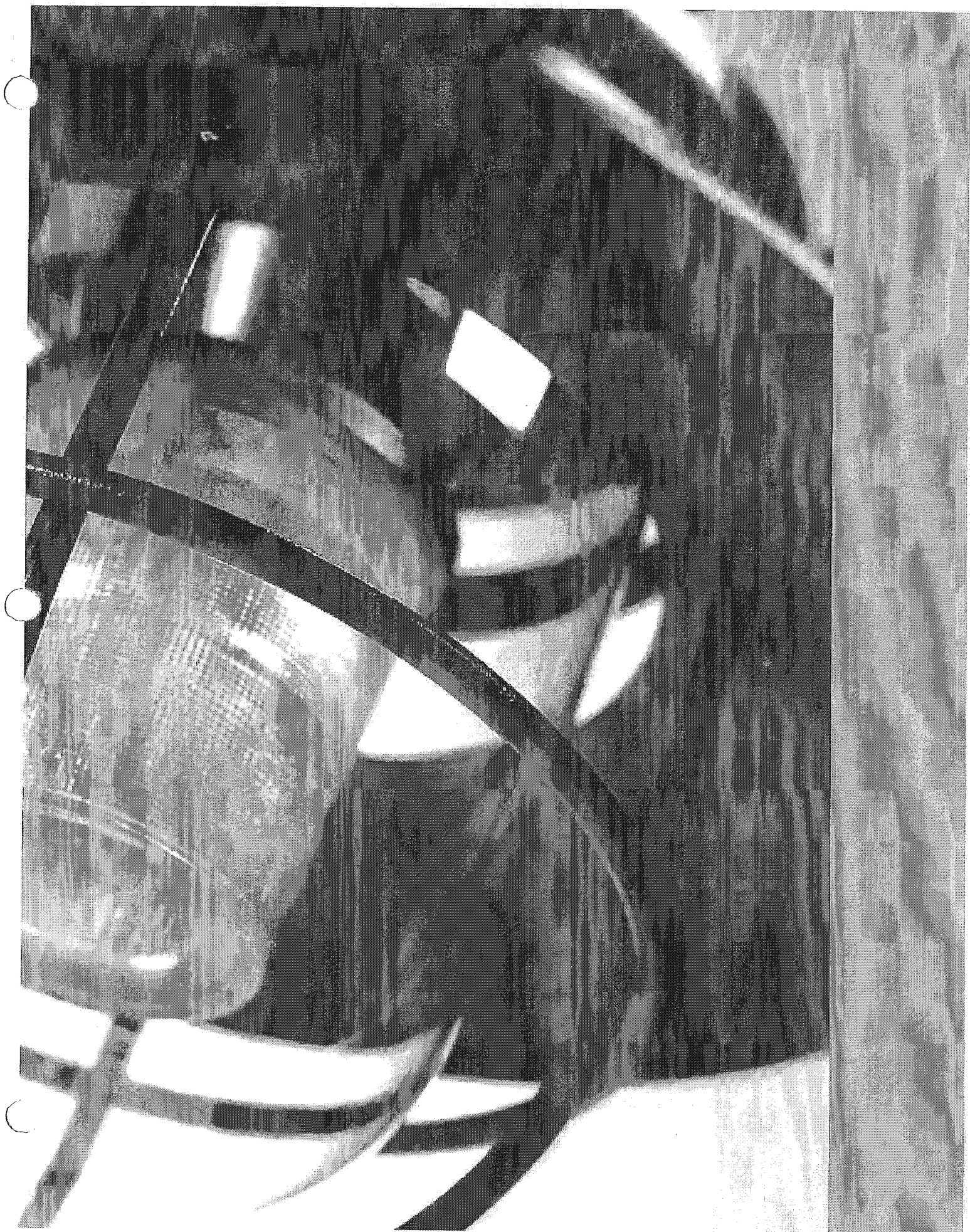
CAND2

CANDS2

CANDELA

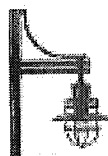
SERIES

Traditional Evolution / Attention to detail is perhaps the most important aspect of the Candela Series. From the European inspired nautical design to the wide range of optical systems available, to the wide assortment of complementary products that harmonize with this luminaire, no stone has been left unturned to give decision makers unprecedented flexibility and design options. >>



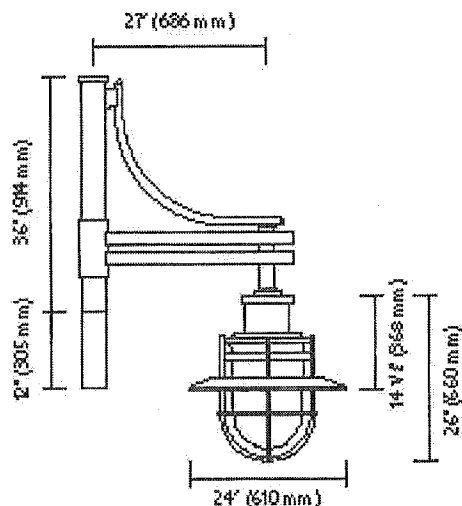
CAND1-CN1

CANDELA SERIES



LUMINAIRES

Conform to the UL 1598 and CSA C22.2 No. 250.0-08 standards



These globes are available in the following finishes:

PCC: Clear Polycarbonate
PCO: Opal Polycarbonate
PCCPD: POND Polycarbonate

s_cand1_cn_eng.ep
SAND1-CN1
E.P.A.: 4.67 sq. ft.
Weight: 58 lbs (26.3kg)

CAND1-CN1, CANDS1-CN1S and CANDS1-CN5-M luminaires are UL and CSA approved

SPECIFICATIONS

Housing

Made from round shaped die cast aluminum (356), c/w a watertight grommet, mechanically assembled to the bracket with four bolts 3/8 16 UNC. This suspension system permits for a full rotation of the luminaire in 90 degrees increments.

Guard

Made from round shaped aluminum (6063T5) with 1/2" (13 mm) rods and is mechanically assembled to the access mechanism.

Arm

Twin arms made from welded rectangular aluminum tubing (6061T6) of 2" x 3" (51 mm x 76 mm), with a 1/8" (3 mm) wall thickness, complete with an access door covering a 2 1/4" x 2 7/8" (57 mm x 73 mm) opening.

Decorative Element

Made from welded die cast aluminum (356), with a 1 5/8" (42 mm) outside diameter.

Central Tubing

Made from aluminum (6063T6), with a 4" (102 mm) outside diameter, complete with a tenon that slips 12" (305 mm) inside the pole. The tenon is mechanically fastened to the pole by two sets of three setscrews at 120 degrees around the pole.

Wiring

Gauge (#14) TEW wires, 6" (152 mm) minimum exceeding top of the bracket.

Hardware

All exposed hardware is stainless steel. All seals and sealing devices are made of and/or lined with EPDM and/or silicone.

Finish

"Hot dip" chemical etching preparation. Lumital™ polyester powder coat finish. Excellent color retention as per #ASTM D2244, and outstanding salt-spray resistance according to #ASTM B117 testing procedures.

ORDERING INFORMATION

PRODUCT	LAMP	REFLECTOR	VOLTAGE	LUMINAIRE OPTION	FINISH ¹
CAND1-CN1-1A	50 MH, medium	RR3	120	DR ²	BE2/TX
CAND1-CN1-2	70 MH, medium	RR3MD	208	GFI ³	BE6/TX
	100 MH, medium	RR5	240		BE8/TX
	150 MH ¹ , medium		277		BK/TX
	200 MH ¹ , mogul		347		BR/TX
	250 MH ¹ , mogul	SE3		HS ⁴	GN/TX
		SE5			GN4/TX
	35 HPS, medium				GN6/TX
	50 HPS, mogul	RACE3			GN8/TX
	70 HPS, mogul	RACE3D			GY3/TX
	150 HPS ¹ , mogul	RACE5			RD2/TX
	200 HPS ¹ , mogul				RD4/TX
	250 HPS ¹ , mogul				WH/TX
	18 CF ³				NP
	26 CF ³				TG
	32 CF ³				TS
	42 CF ³				
	40W42LED4K-R				
	65W42LED4K-R				

¹ Remote ballast (pole with an enlarge base)

² DR: Duplex receptacle (120 V only)

³ GFI: Duplex receptacle with ground fault interruptor on mounting (120 V only)

⁴ HS: House shield

¹ Socket: GX24Q-2 (18W), GX24Q-3 (26 or 32W), GX24Q-4 (42W), triple tube compact fluorescent (lamp not included)

> See end of document for details on line of poles available.

LED LAMP DETAILS

These LED lamp details are showing typical delivered lumens relative to the complete luminaire with EcoSwap.

LED = Philips Lumileds Luxeon R, CRI = 70, CCT = 4000K (+/- 350K)

LED rated life = 70,000 hrs¹ - Driver rated life = 100,000 hrs

LAMP	TYPICAL DELIVERED LUMENS ¹	TYPICAL LAMP WATTAGE (W)	TYPICAL SYSTEM WATTAGE ¹ (W)	TYPICAL CURRENT @ 120 V (A)	TYPICAL CURRENT @ 240 V (A)	TYPICAL CURRENT @ 277 V (A)	LED CURRENT (mA)	HPS EQUIVALENT ²	LUMINAIRE EFFICACY RATING (LM/W)
40W42LED4K-R	4093	40	45	0.48	0.24	0.22	333	70	91
65W42LED4K-R	6020	65	70	0.72	0.36	0.32	500	100	86

¹ L70 = 70,000 hrs (at ambient temperature = 25°C and forward current = 500 mA).

² May vary depending on the optical distribution used.

¹ System wattage includes the lamp and the LED driver.

² Equivalence should always be confirmed by a photometric layout.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Philips.

ORDERING SAMPLE

PRODUCT	LAMP	REFLECTOR	VOLTAGE	LUMINAIRE OPTION	FINISH
CAND1-CN1-1A	100 MH	SE3	240	DR-HS	GN6/TX

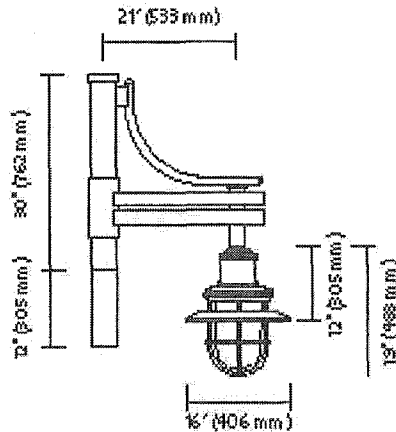
CANDS1-CNS

CANDELA SERIES

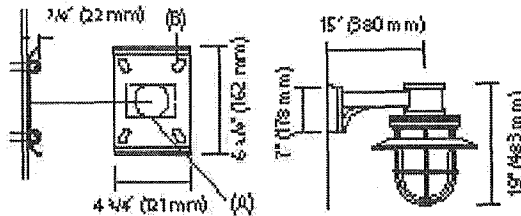


LUMINAIRES

Conform to the UL 1598 and CSA C22.2 No. 250, 0-08 standards



CANDS1-CN1S
E.P.A.: 3.33 sq. ft.
Weight: 40.5 lbs (18.37 kg)



CANDS1-CNS-M mounting details

(A) One 2" hole (51 mm) $\varnothing$ for wiring
(B) 4 oblong holes 1/2" x 1" (13 mm x 25 mm) for anchoring
Horizontal junction box of 2" x 3" (51 x 76 mm) and
4 anchor bolts of 3/8" $\varnothing$ (9.5 mm) not included

> Structural members must be present in wall to accept bolts

SPECIFICATIONS

Housing

Made from round shaped die cast aluminum (356), c/w a watertight grommet, mechanically assembled to the bracket with four bolts 3/8 16 UNC. This suspension system permits for a full rotation of the luminaire in 90 degrees increments.

Guard

Made from round shaped aluminum (6063T5) with 3/8" (10 mm) rods and is mechanically assembled to the access mechanism.

Hardware

All exposed hardware is stainless steel. All seals and sealing devices are made of and/or lined with EPDM and/or silicone.

Finish

"Hot dip" chemical etching preparation. Lumital™ polyester powder coat finish. Excellent color retention as per #ASTM D2244, and outstanding salt-spray resistance according to #ASTM B117 testing procedures.

CANDS1-CNS-1A and CANDS1-CNS-2

Arm

Made from aluminium tubing (6063-T6) of 2" x 3" (51 mm x 76 mm), mechanically assembled.

Decorative Element

Made from welded die cast aluminum (356), with a 1 5/8" (42 mm) outside diameter.

Central Tubing

Made from aluminum (6063T6), with a 4" (102 mm) outside diameter, complete with a tenon that slips 12" (305 mm) inside the pole. The tenon is mechanically fastened to the pole by two sets of three setscrews at 120 degrees around the pole.

Wiring

Gauge (#14) TEW wires, 6" (152 mm) minimum exceeding top of the bracket.

CANDS1-CNS-M

Arm

Twin arms made from welded rectangular aluminum tubing (6061T6) of 2" x 3" (51 mm x 76 mm), mechanically assembled.

Decorative Element

Bent aluminum rod (6063-T5) of 5/8" (16 mm) exterior diameter, welded to the arm.

ORDERING INFORMATION

PRODUCT	LAMP	OPTICAL SYSTEM	VOLTAGE	LUMINAIRE OPTION ¹	FINISH
CANDS1-CN1-1A	50 MH, medium	SR5	120	DR ²	BE2/TX
CANDS1-CN1-2	70 MH ³ , medium	SR5D	208	GFI ³	BE6/TX
CANDS1-CNS-M ⁴	100 MH ³ , medium		240		BE8/TX
			277		BK/TX
	35 HPS, medium		347		BR/TX
	50 HPS, medium				GN/TX
	70 HPS, medium				GN4/TX
	150 HPS, medium				GN6/TX
	18 CF ⁵				GN8/TX
	26 CF ⁵				GY3/TX
	32 CF ⁵				RD2/TX
	42 CF ⁵				RD4/TX
					WH/TX
					NP
					TG
					TS

¹ Remote ballast (pole with an enlarge base)

² DR: Duplex receptacle (120 V only)

³ GFI: Duplex receptacle with ground fault interruptor on mounting (120 V only)

⁴ Options not available for wall mount CANDS1-CNS-M

⁵ Socket: GX24Q-2 (18W), GX24Q-3 (26 or 32W), GX24Q-4 (42W), triple tube compact fluorescent (lamp not included)

⁶ 50 watt maximum. (70 watt and more, consult Philips Lumec)

> See end of document for details on line of poles available.

ORDERING SAMPLE

PRODUCT	LAMP	OPTICAL SYSTEM	VOLTAGE	LUMINAIRE OPTION	FINISH
CANDS1-CNS-M	100 MH	SR5	240	—	GN6/TX

**TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM**

DEPARTMENT/AGENCY

Waterford Recreation & Parks Commission

CONTACT PERSON

Brian W. Flaherty

PROJECT NAME

Stenger Farm Park Restrooms

DEPARTMENT PRIORITY

5

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

This park located across from the Clark Lane Middle School is approximately 100 + acres in size. It currently does not have a restroom facility. Visitors utilize this park year-round and due to its size and popularity, a restroom facility is justified and appropriate (The original Stenger Farm Advisory Committee recommended a restroom facility early in the park planning stage). The pre-cast concrete restroom (Model # 7042 single occupancy) being considered meets all building codes as well as ADA accessibility requirements. The structure can be placed on a compacted stone base which eliminates the need for a traditional foundation. It would be vandal resistant and require minimal maintenance. Many activities take place in this park which houses the popular town dog park. Many outdoor recreation activities occur here (hiking, dog walking, biking, nature appreciation, running, photography, and cross country skiing). Special events occur here as well along with local and regional cross country races. Clark Lane Middle School utilizes the park as an outdoor classroom and for physical education and cross country running. The cycling club rides in the park as well. Additional revenue could be generated by renting the park for special events. Approximate costs: Building: \$87,500 Eversource: \$600 Crane Rental: \$4,000 Water, sewer, saw cut road, electrical installation costs: \$25,700 City of New London 2" water main tap fee: \$13,280 Building site prep: \$13,400 TL: \$144,480 Contingency: \$7,224 Total: \$151,704 After reviewing the utility locations with town staff, no sewer laterals were available on Clark Lane near the location where we would like to install the restroom(south entrance of parking lot). This substantially increased the cost of this project over past estimates.

2 PROJECT STATUS IF IN PROGRESS

Eversource has provided an underground service estimate. I've met with Utility Department staff on location of sewer laterals and water lines in the area to determine cost of connections. I've met with United Concrete staff and reviewed building details and plans and prices have been updated. Deedy construction has provided a cost proposal on estimated utility connections and foundation preparation.

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

The dog park fence was replaced in the fall of 2019.

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

Estimated utility costs: \$1000 (\$400 electric, \$300 water, \$300 sewage) Janitorial: \$150 Miscellaneous: \$100 Total: \$1250

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

Our department will continue to reach out to the federal Land & Water Conservation fund grant program for potential funding. This was the grant program which helped the town purchase the park. Once we are notified of our grant application, this could cut the project total in half.

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

United concrete proposal, plans, and Deedy Construction proposal attached.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			151,704			
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)			TBD			
8	Other Funding (detail in section 5 above)						
	TOTALS	0	0	151,704	0	0	0



Building Group
69 North Plains Highway
Wallingford, CT. 06492
(800) 234-3119 or (203) 269-3119
Fax: (203) 265-4941

TO:	Waterford Recreation & Parks	FROM:	John Duffy
ATTENTION:	Brian Flaherty, CPRP	DATE:	January 3, 2019
PHONE:		EMAIL:	bflaherty@waterfordct.org
PROJECT:	Stenger Farm Proposal	PAGES:	4

PROPOSAL NO: 7042-R1

Stenger Farm Proposal (R-1)

Pre-cast Concrete building (9'-8" x 18'-10" x 9'-0" interior ceiling):

- The precast concrete buildings shall have 4" walls, 6" to 4" pitched roof and an 8" floor. The roof shall receive a silicone sealer.
- The building shall be prefabricated and shipped as two modular units including fixtures and electrical components.
- Proposal is based on United Concrete Products, Inc. "Preliminary – Not for construction" drawings for Stenger Farm – Single Occupancy Bathroom unit as dated on 11-21-2016

Exterior of building will consist of the following:

- Exterior walls shall receive a simulated clapboard siding finish that shall be coated with Loxon XP coating to match the owner's color selection

Interior of building will consist of the following:

- Walls and ceiling of each restroom area shall be coated with Sherwin Williams water based epoxy to match the owner's color selection.
- Walls, ceiling and floor of the utility chase and storage areas shall be bare concrete.
- Floor of each restroom shall be coated with Sikaguard 62 with a non-skid additive to match the owner's color selection.
- (3) CECO 3'-0" x 7'-0" 18 gauge galvanized steel doors w/ SS hinges. Color to be determined by owner
- (3) CECO 3'-0" x 7'-0" 16 gauge galvanized steel doorframes
- (3) Lot of weather-stripping
- (3) Door sweeps and thresholds
- (3) Drip caps
- (3) Door closers with hold open
- (3) Mortise locksets with levers
- (2) Two mirrors
- (2) Two 48" grab bars
- (2) Two 36" grab bars
- (2) Two 18" grab bars
- (2) Two 29" swing arm grab bars
- (2) Two stainless steel soap dispensers
- (3) Two toilet paper dispensers
- Restroom door signage (handicap Male & Female)
- (1) One blow off valve for winterization of building



PROPOSAL NO: 2223
December 23, 2018

- (2) Two 12" square passive louvers with manual crank operator

Electrical for the building will consist of the following:

- (1) 100 amp, single phase, 240 volt electrical panel
- (7) Vapor tight four foot, dual bulb, vapor tight LED interior light fixtures
- (2) LED wallpaks
- (2) Emergency exit lights
- (2) Remote heads
- (2) Call for aids with pull cords
- (2) Two Electric hand dryers manufactured by Excel color white
- (1) GFCI receptacle
- (1) One exhaust fan & wall vents
- (3) Occupancy sensors
- Wiring of water heater
- Surface mounted EMT

Plumbing and HVAC for the building will consist of the following:

- (1) Hot water heater manufactured by AO-Smith
- (2) Vitreous china toilets with plastic seats with manual flushometers
- (2) Vitreous china sinks with metering faucets

Option #1 – Electric Door Strikes:

- (2) Two Sargent Mortise lock Sets with Electric Door Strikes and Timer option

Option #2 – Roof Truss System

- Prefabricated wood truss system (hip system)
- Thirty (30) year asphalt shingles with required ridge bent. (Color by owner)
- Required sill plate and plywood, with ice and water shield and associated accessories
- Raid diverters above doors
- All required PVC trim, fascia trim and vented soffit
- Roof system will be shipped as complete unit and placed on top of restroom and secured by UCP prior to shipping

Site installation and startup:

- Complete start-up and training (as required) will be provided.

Restroom Structure (Men's and Women's Single Occupancy)	\$ 87,396.15
Option #1 – Electric door strikes	\$ 3,475.00
Option #2 – Truss Roof system	\$ 13,280.00
PRICING COMPLETE	\$ 104,151.15



PROPOSAL NO: 2223
December 23, 2018

Lead Time:

- Submittals and shop drawings will be issued approximately **6 to 8 Weeks** after receipt of Purchase Order of Contract.
- Delivery will occur **12 – 16 Weeks** from final approval of submittals and shop drawings and will

Payment Terms:

- Per Schedule of Values – Net (30) days from date of invoice

Excluded from this Proposal:

- Structure will be delivered to the site and set by United Concrete Field crew providing we can safely reach the excavation.
- The crane required for off-loading and setting shall be by others.
- All Excavation and backfill. Foundation or stone base by others.
- All piping external to the building – penetrations to be provided for incoming water supply, sewer and main electrical connections where required.
- Electrical conduits and wiring to the building.

Standard Contract Conditions:

- This quotation is valid for (90) calendar days.
- Customer shall pay for the services and/or equipment furnished by United Concrete Products, Inc. in accordance with the invoice submitted on a monthly basis utilizing invoicing required per contract, within (30) days of the date of the invoice. (Unless specifically stated above) All invoices not contested in writing within fifteen (15) business days of receipt are deemed accepted by the Customer as true and accurate and are payable in full. Interest will be charged on all accounts not paid when due at a rate of 1.5% per month.
- Clear access must be provided for safe and adequate operation, free from all obstruction for transport and site installation. Installation charges are based on average costs and allow for a maximum of (4) hours offload. Weather and site conditions may adversely affect offload time. Any additional charges incurred after (4) hours will be invoiced separately, as will any and all local surcharges incurred.
- This proposal does **NOT** include any state, federal, or local sales, use, or excise taxes or any other taxes not specifically detailed in this proposal. Any and all taxes will be added at time of invoicing, unless United Concrete Products, Inc. is provided with the proper tax certifications.

Please review the above revised proposal and do not hesitate to contact me to discuss further.

Thank you for the opportunity.

Sincerely,

Jon Duffly

(203) 678-0587



PROPOSAL NO: 2223
December 23, 2018

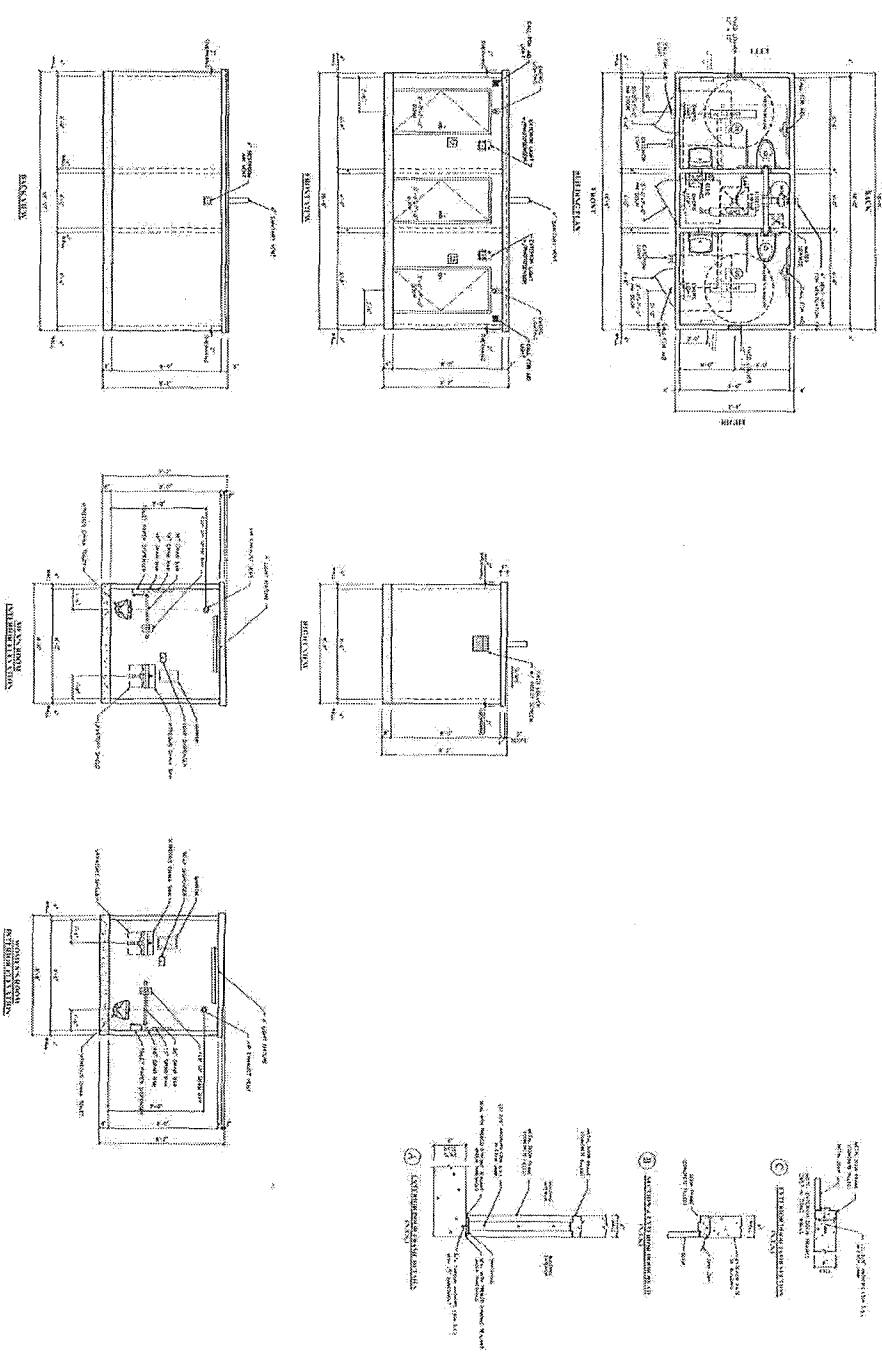
Proposal Term

Any alterations or deviations from the above specifications involving extra cost of material and/or labor will only be executed upon written orders for same, and will become an extra charge over the sum mentioned in this document. All agreements must be made in writing.

By accepting below, you are hereby authorizing United Concrete Products, Inc. – Building Group to furnish all materials and labor required to complete the work mentioned in the above proposal, for which you agree to pay the amount mentioned in said proposal and according to the terms thereof.

Accepted _____ Date _____

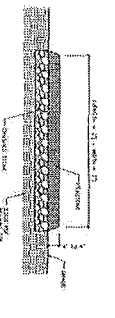
This proposal and its contents shall not be duplicated, used or disclosed – in whole or in part – for any purpose other than to evaluate the proposal. This proposal is not intended to be binding or form the terms of a contract. The scope and price of this proposal will be superseded by the contract. If this proposal is accepted and a contract is awarded to United Concrete Products, Inc. as a result of – or in connection with – the submission of this proposal, United Concrete Products, Inc. and/or the client shall have the right to make appropriate revisions of its terms, including scope and price, for purposes of the contract. Further, client shall have the right to duplicate, use or disclose the data contained in this proposal only to the extent provided in the resulting contract.



GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
2. FINISH FLOOR IS TO BE 1/2" THICK POLISHED CONCRETE.
3. ROOFING IS TO BE 2" THICK POLYSTYRENE INSULATION OVER 1/2" THICK CONCRETE SLAB.
4. EXTERIOR WALLS ARE TO BE 12" THICK CMU WITH 1" MIN. THICK EXTERIOR FINISH.
5. INTERIOR WALLS ARE TO BE 8" THICK CMU WITH 1/2" MIN. THICK INTERIOR FINISH.
6. DOORS ARE TO BE 1 1/2" THICK SOLID CORE WITH 1" MIN. THICK FINISH.
7. WINDOWS ARE TO BE 1/2" THICK ALUMINUM FRAME WITH 1" MIN. THICK GLASS.
8. ROOF DRAINAGE IS TO BE TO THE REAR OF THE BUILDING.
9. FOUNDATION IS TO BE 12" THICK CONCRETE WITH 4" MIN. THICK EXTERIOR FINISH.
10. ALL EXTERIOR SURFACES ARE TO BE 1/2" THICK POLISHED CONCRETE.

FINISH SCHEDULE			
NO.	DESCRIPTION	QTY	UNIT
1	1/2" THICK POLISHED CONCRETE	100	SQ. YD.
2	2" THICK POLYSTYRENE INSULATION	100	SQ. YD.
3	12" THICK CMU	100	SQ. YD.
4	1" THICK EXTERIOR FINISH	100	SQ. YD.
5	1/2" THICK INTERIOR FINISH	100	SQ. YD.
6	1 1/2" THICK SOLID CORE DOORS	10	SQ. YD.
7	1/2" THICK ALUMINUM FRAME WINDOWS	10	SQ. YD.
8	12" THICK CONCRETE FOUNDATION	100	SQ. YD.
9	1/2" THICK POLISHED CONCRETE	100	SQ. YD.
10	1/2" THICK POLISHED CONCRETE	100	SQ. YD.



SECTION A-A

1. 12" THICK CONCRETE FOUNDATION

2. 1" THICK EXTERIOR FINISH

3. 12" THICK CMU

4. 1/2" THICK INTERIOR FINISH

5. 1/2" THICK POLISHED CONCRETE

6. 1/2" THICK POLISHED CONCRETE

7. 1/2" THICK POLISHED CONCRETE

8. 1/2" THICK POLISHED CONCRETE

9. 1/2" THICK POLISHED CONCRETE

10. 1/2" THICK POLISHED CONCRETE

7042 WATERFORD CT
STENGER FARM - SINGLE OCC
SINGLE OCCUPANCY

PRELIMINARY
NOT FOR CONSTRUCTION

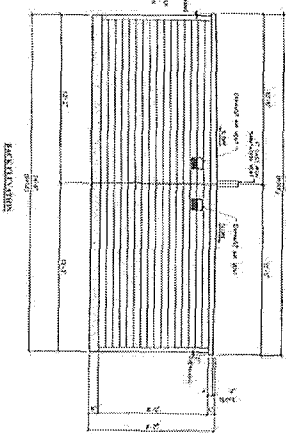
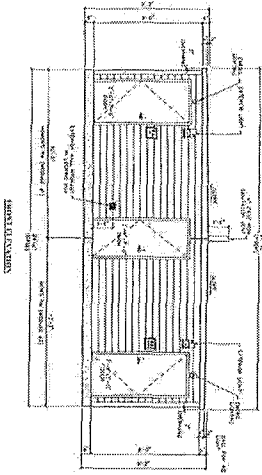
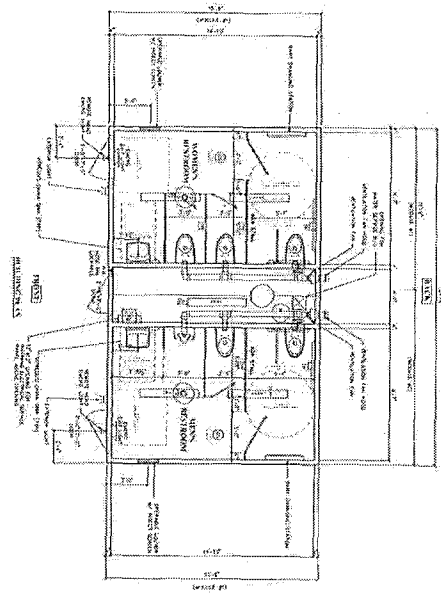
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BY: [Signature]

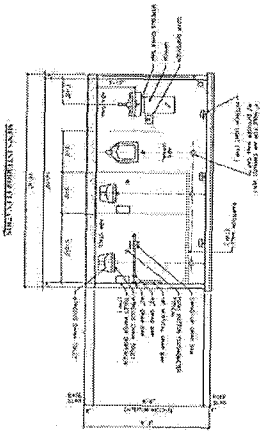
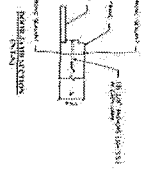
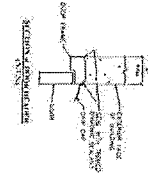
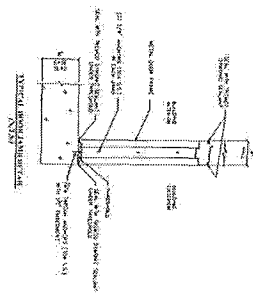
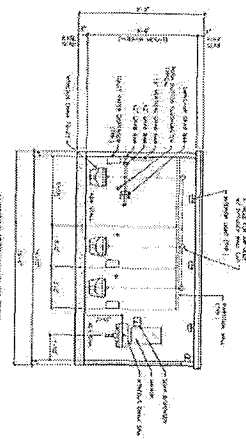
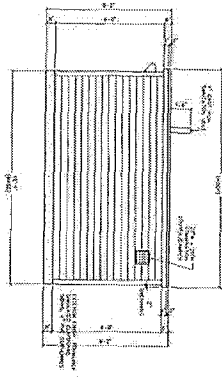
UNITED CONCRETE PRODUCTS, INC.
 1000 N. 10TH AVE., SUITE 100
 DENVER, CO 80202
 (303) 733-1000

PROJECT: 7042 WATERFORD CT
 CLIENT: STENGER FARM - SINGLE OCC
 SINGLE OCCUPANCY

SCALE: AS SHOWN



NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
2. ALL MATERIALS SHALL BE OF THE BEST QUALITY AND SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.
3. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.



7040 WATERFORD CT.
CAUSEWAY RESTROOM BLDG

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
2. ALL MATERIALS SHALL BE OF THE BEST QUALITY AND SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.
3. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.

FINISH SCHEDULE

AREA	FINISH TYPE	FINISH
CEILING	Acoustic tile	Acoustic tile
WALLS	Paint	Paint
FLOORS	Ceramic tile	Ceramic tile
DOORS	Wood	Wood
WINDOWS	Paint	Paint
STAIRS	Paint	Paint
ROOF	Asphalt	Asphalt
FOUNDATION	Concrete	Concrete
EXTERIOR WALLS	Paint	Paint
EXTERIOR FLOORS	Concrete	Concrete
EXTERIOR ROOF	Asphalt	Asphalt

**PRELIMINARY
NOT FOR CONSTRUCTION**

UNITED

UNITED CONSTRUCTION COMPANY, INC.
1700 North Street, Suite 1000, St. Louis, MO 63103
Phone: (314) 426-1000
Fax: (314) 426-1001
E-mail: info@unitedconstruction.com
Website: www.unitedconstruction.com

DATE: 10/1/2000
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]

Deedy Construction Co., Inc.
185 Great Neck Road
Waterford, CT 06385

November 12, 2019

Town of Waterford
Parks & Recreation Commission
15 Rope Ferry Road
Attn: Mr. Brian Flaherty
Waterford, CT 06385

RE: Dog Park Bathrooms Addition

Dear Mr. Flaherty:

Proposal

Deedy Construction Co., Inc. Proposes to install infrastructure work & site work for Bathroom addition at Clark Lane Dog Park according to the following items:

1) Mobilization	\$ 1,600.00
2) Erosion Control	\$ 800.00
3) Traffic Police Officers Allowance	\$ 4,800.00
4) Saw cut Pavement	\$ 2,200.00
5) City of New London 2" Water main Tapping Fee	\$ 13,280.00
6) 2" Meter Pit	\$ 2,700.00
7) 2" CTs Plastic Water Line +/- 220 LF	\$ 6,800.00
8) 220 lf 6" schedule 40 sanitary sewer line installation including Inside drop, coring manhole, road paving	\$10,200.00
9) Building site prep including building excavation, stone & pea stone Foundation, ADA Ramps & Conduits	\$ 6,200.00
10) Underground electrical trenching & conduits +/- 220 LF Including Handhole	\$ 3,800.00
Total	\$52,380.00

If you should have any questions, please feel free to call me at 860 860 514-7958 or email me at nandodazzi@att.net Thank you!

Sincerely,

Carlos F.M. Dazzi

DEPARTMENT/AGENCY
Waterford Recreation & Parks Commission

CONTACT PERSON
Brian W. Flaherty

PROJECT NAME
Town-Wide Tennis Court Replacement & Pickle Ball Court Installation

DEPARTMENT PRIORITY
6

1	DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project) We are responsible for the maintenance of the following tennis courts: Two at Quaker Hill School, four at Leary Park, and two at Waterford Beach Park. The courts are approximately forty-six years old. Over the years, crack, surfacing systems, painting, and other repairs have been made. This repair method typically lasts three years then new cracks form. It is time for a more permanent solution as these courts are well passed their life cycle. Our office has been working with the finance office reviewing post-tensioned concrete courts. Although more expensive (10-15% more than asphalt courts), they are more cost effective over the long run, and provide a long lasting surface with an average warranty of twenty + years, which will provide safe, uninterrupted play. Post-tensioned (PT) concrete courts involves installation of a structural concrete slab over a prepared base (Our courts will either be milled or the slab will be placed over the existing asphalt courts). The concrete is reinforced with cables which is tensioned after the concrete is installed. It has been shown that PT courts have a greater resistance to cracking (Asphalt courts are more affected by freeze/thaw cycles). PT courts require less maintenance and have a longer life expectancy than asphalt courts and do not have subsurface issues common in asphalt courts. The paddle sport of Pickle Ball is very popular in our region and nation-wide. A group of local residents has approached the commission about the possibility of constructing outdoor pickle ball courts. Pickle ball courts could be installed at Leary Park, replacing two of the existing courts. The Quaker Hill courts are in the most need of repair so they would be the first to be completed; \$164,800. Waterford Beach Park courts would be next at \$164,800 +5% contingency for a total of \$173,040. Leary Park cost \$281,600 +5% contingency for a total of \$295,680.																																																																						
2	PROJECT STATUS IF IN PROGRESS Newly constructed PT courts have been toured by our staff in West Hartford. Repairs have been made to all of our courts in 2020. This allowed us to move the funding request forward. Pickleball lines have been painted at Waterford Beach and Leary. The Leary Park courts and Waterford Beach would be a request in FY 2027 as we predict the recent repairs made will hold up until then.																																																																						
3	LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST																																																																						
4	DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable) Cost savings will occur if new PT concrete courts are installed since crack repairs will not be needed. The PT courts will also be built with new court equipment such as net posts, center anchors, nets, and new fencing, adding to the cost savings. Coatings/painting need to be applied to the PT courts every 10-15 years. This cost is estimated to be \$1.50 ft ² , approximately \$4,000 per court. This is currently done to the existing courts approximately every 5 years at a similar cost.																																																																						
5	GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available) We will apply for United States Tennis Association grant funding. If this funding is achieved, it will reduce the funds required from capital.																																																																						
6	ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below) R.S. Sports proposal attached. BMP Construction emails.																																																																						
7	COST/FUNDING SOURCE <table border="1"><thead><tr><th>FUNDING SOURCE</th><th>APPROVED FUNDING TO DATE</th><th>FY 2022</th><th>FY 2023</th><th>FY 2024</th><th>FY 2025</th><th>FY 2026</th></tr></thead><tbody><tr><td>1 Current Year Capital</td><td></td><td></td><td></td><td></td><td></td><td>164,800</td></tr><tr><td>2 Utility Budget/Sewer Cap Maint Fund</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3 Transfer to CNR</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4 Short/Long-term Bonds</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5 LoCIP (detail in section 5 above)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6 CNR Undesignated Fund Balance</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7 Federal/State Grants (detail in section 5)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8 Other Funding (detail in section 5 above)</td><td></td><td></td><td></td><td></td><td></td><td>TBD</td></tr><tr><td>TOTALS</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>164,800</td></tr></tbody></table>	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	1 Current Year Capital						164,800	2 Utility Budget/Sewer Cap Maint Fund							3 Transfer to CNR							4 Short/Long-term Bonds							5 LoCIP (detail in section 5 above)							6 CNR Undesignated Fund Balance							7 Federal/State Grants (detail in section 5)							8 Other Funding (detail in section 5 above)						TBD	TOTALS	0	0	0	0	0	164,800
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Proposal

www.rssiteandsports.com
sales@rssiteandsports.com
203-687-0150

October 28, 2019

Mr. Kevin McNabola
City Hall of Waterford
15 Rope Ferry Road
Waterford, CT 06375

Dear Kevin:

Furnish all materials and labor to build **2 POST TENSION CONCRETE TENNIS COURTS** located at Waterford Beach Park, 305 Great Neck Road in Waterford, Connecticut.

- **DEMO-** Remove all existing net poles, Net pole footings, fencing, fence footings and dispose of.
- **RECLAIMING-** Reclaim existing asphalt in place
- **GRADING-** Laser Grade existing reclaimed asphalt to create a cross pitch of 1%.
- **NET POSTS-** Furnish and install 3 sets of Douglas premier posts in 3' x 3' x 3' 3500 psi concrete footing. Also included in this procedure is the installation of (3) center anchors, (3) center straps and (3) new tennis nets.
- **POST TENSION CONCRETE SLAB-**
 - A. Form work will be installed around the entire perimeter of the tennis court.
 - B. New net post sleeves to be set in their own concrete footings.
 - C. Two layers of 6 mil poly will be placed over the entire court area.
 - D. Encapsulated Post-tensioning tendons will be laid out according to PTI specifications.
 - E. A 5" thick, 3000 psi concrete slab will be poured monolithically inside the forms using a laser guided screed.
 - F. Post-tensioning cables will be stressed according to PTI specifications and procedures.

- G. The concrete surface will be checked for flatness, according to the ASBA guidelines. Any deviations will be brought to proper tolerances with 5000 psi epoxy concrete.
- H. After final cable stress, cable ends will be cut off inside the cone holes, grease cap will be inserted and the holes filled with grout.

- **FENCING**-furnish and install black vinyl chain link fencing with top rail and bottom tension wire. Fabric to be 1 ¾ mesh, 6 gauge fuse bonded wire.
- **ETCHING**- etch concrete surface to prepare for coatings after allowing 30 days for concrete to cure.
- **CONCRETE PRIMER**- Apply one coat of EPOXY concrete primer. This coat promotes adhesion of acrylic coatings to concrete court surfaces.
- **APPLICATION OF ACRYLIC RESURFACER**- Apply sand filled resurfacer. This coat will fill voids and blemishes in pavements and re-establish consistent texture prior to installing Color Coatings.
- **ACRYLIC COLOR COATINGS**- Furnish and install (2) coats of acrylic color coating surface system to court surface. Using the highest pigmented 100% acrylic color coating system designed specifically for asphalt and concrete surfaces. Colors to be determined.
- **LINE STRIPING**- Layout and mask all lines per USTA standards. Apply one coat of Line Primer and two coats of textured acrylic white line paint.

PRICES AS INDICATED BELOW

PAYMENT IS EXPECTED UPON TIMELY COMPLETION.

Base Cost: \$164,800.00

In the event that payment is not made as specified above, it is agreed that RS Site and Sports LLC will receive interest at the prevailing wage rate unpaid balance, plus all the cost of collection, including a reasonable attorney's fee.

In the event that payment is not made as specified, RS Site and Sports LLC retains the right to halt works until past due payments are made.

Above prices are submitted for approval within sixty days and after that time may be revised.



Proposal

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203-687-0150

October 28, 2019

Mr. Kevin McNabola
City Hall of Waterford
15 Rope Ferry Road
Waterford, CT 06375

Dear Kevin:

Furnish all materials and labor to build **2 POST TENSION CONCRETE TENNIS COURTS** located at Quaker Hill School, 285 Bloomingdale Road in Waterford, Connecticut.

- **DEMO-** Remove all existing net poles, Net pole footings, fencing, fence footings and dispose of.
- **RECLAIMING-** Reclaim existing asphalt in place
- **GRADING-** Laser Grade existing reclaimed asphalt to create a cross pitch of 1%.
- **NET POSTS-** Furnish and install 3 sets of Douglas premier posts in 3' x 3' x 3' 3500 psi concrete footing. Also included in this procedure is the installation of (3) center anchors, (3) center straps and (3) new tennis nets.
- **POST TENSION CONCRETE SLAB-**
 - A. Form work will be installed around the entire perimeter of the tennis court.
 - B. New net post sleeves to be set in their own concrete footings.
 - C. Two layers of 6 mil poly will be placed over the entire court area.
 - D. Encapsulated Post-tensioning tendons will be laid out according to PTI specifications.
 - E. A 5" thick, 3000 psi concrete slab will be poured monolithically inside the forms using a laser guided screed.
 - F. Post-tensioning cables will be stressed according to PTI specifications and procedures.

- G. The concrete surface will be checked for flatness, according to the ASBA guidelines. Any deviations will be brought to proper tolerances with 5000 psi epoxy concrete.
- H. After final cable stress, cable ends will be cut off inside the cone holes, grease cap will be inserted and the holes filled with grout.

- **FENCING**-furnish and install black vinyl chain link fencing with top rail and bottom tension wire. Fabric to be 1 ¾ mesh, 6 gauge fuse bonded wire.
- **ETCHING**- etch concrete surface to prepare for coatings after allowing 30 days for concrete to cure.
- **CONCRETE PRIMER**- Apply one coat of EPOXY concrete primer. This coat promotes adhesion of acrylic coatings to concrete court surfaces.
- **APPLICATION OF ACRYLIC RESURFACER**- Apply sand filled resurfacer. This coat will fill voids and blemishes in pavements and re-establish consistent texture prior to installing Color Coatings.
- **ACRYLIC COLOR COATINGS**- Furnish and install (2) coats of acrylic color coating surface system to court surface. Using the highest pigmented 100% acrylic color coating system designed specifically for asphalt and concrete surfaces. Colors to be determined.
- **LINE STRIPING**- Layout and mask all lines per USTA standards. Apply one coat of Line Primer and two coats of textured acrylic white line paint.

PRICES AS INDICATED BELOW

PAYMENT IS EXPECTED UPON TIMELY COMPLETION.

Base Cost: \$164,800.00

In the event that payment is not made as specified above, it is agreed that RS Site and Sports LLC will receive interest at the prevailing wage rate unpaid balance, plus all the cost of collection, including a reasonable attorney's fee.

In the event that payment is not made as specified, RS Site and Sports LLC retains the right to halt works until past due payments are made.

Above prices are submitted for approval within sixty days and after that time may be revised.



Proposal

www.rssiteandsports.com
sales@rssiteandsports.com
203-687-0150

October 28, 2019

Mr. Kevin McNabola
City Hall of Waterford
15 Rope Ferry Road
Waterford, CT 06375

Dear Kevin:

*Furnish all materials and labor to build **4 POST TENSION CONCRETE TENNIS COURTS** located at Leary Park, 739 Vauxhall Street Extension in Waterford, Connecticut.*

- **DEMO-** Remove all existing net poles, Net pole footings, fencing, fence footings and dispose of.
- **RECLAIMING-** Reclaim existing asphalt in place
- **GRADING-** Laser Grade existing reclaimed asphalt to create a cross pitch of 1%.
- **NET POSTS-** Furnish and install 3 sets of Douglas premier posts in 3' x 3' x 3' 3500 psi concrete footing. Also included in this procedure is the installation of (3) center anchors, (3) center straps and (3) new tennis nets.
- **POST TENSION CONCRETE SLAB-**
 - A. Form work will be installed around the entire perimeter of the tennis court.
 - B. New net post sleeves to be set in their own concrete footings.
 - C. Two layers of 6 mil poly will be placed over the entire court area.
 - D. Encapsulated Post-tensioning tendons will be laid out according to PTI specifications.
 - E. A 5" thick, 3000 psi concrete slab will be poured monolithically inside the forms using a laser guided screed.
 - F. Post-tensioning cables will be stressed according to PTI specifications and procedures.

- G. The concrete surface will be checked for flatness, according to the ASBA guidelines. Any deviations will be brought to proper tolerances with 5000 psi epoxy concrete.
- H. After final cable stress, cable ends will be cut off inside the cone holes, grease cap will be inserted and the holes filled with grout.

- **FENCING**-furnish and install black vinyl chain link fencing with top rail and bottom tension wire. Fabric to be 1 ¾ mesh, 6 gauge fuse bonded wire.
- **ETCHING**- etch concrete surface to prepare for coatings after allowing 30 days for concrete to cure.
- **CONCRETE PRIMER**- Apply one coat of EPOXY concrete primer. This coat promotes adhesion of acrylic coatings to concrete court surfaces.
- **APPLICATION OF ACRYLIC RESURFACER**- Apply sand filled resurfacer. This coat will fill voids and blemishes in pavements and re-establish consistent texture prior to installing Color Coatings.
- **ACRYLIC COLOR COATINGS**- Furnish and install (2) coats of acrylic color coating surface system to court surface. Using the highest pigmented 100% acrylic color coating system designed specifically for asphalt and concrete surfaces.
Colors to be determined.
- **LINE STRIPING**- Layout and mask all lines per USTA standards. Apply one coat of Line Primer and two coats of textured acrylic white line paint.

PRICES AS INDICATED BELOW

PAYMENT IS EXPECTED UPON TIMELY COMPLETION.

Base Cost: \$281,600.00

In the event that payment is not made as specified above, it is agreed that RS Site and Sports LLC will receive interest at the prevailing wage rate unpaid balance, plus all the cost of collection, including a reasonable attorney's fee.

In the event that payment is not made as specified, RS Site and Sports LLC retains the right to halt works until past due payments are made.

Above prices are submitted for approval within sixty days and after that time may be revised.

Brian Flaherty

From: Jim D'Entremont <jim@bmpconstructioninc.com>
Sent: Friday, October 23, 2020 9:35 AM
To: Brian Flaherty
Cc: Jay Duhamel
Subject: New Tennis Courts

CAUTION: This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

Hello Brian,

Tim and I reviewed the proposals and he said his pricing will remain the same, into next Spring.

He also said the changes to Pickle Ball would be fine and stay inside his number.

If you want to go thru the EZIQC program, which complies with your Public Procurement rules we have to apply the markup and include the Bonding Costs.

Please let me know if you would like us to go that route and I will discuss it with Jay from the Gordian.

Thanks,

Jim D'Entremont

BMP Construction Inc.

50 Beaver Brook Rd Unit 6

Danbury, CT 06810

Cell 203-948-1462

Office 203-743-5601

www.bmpconstructioninc.com

Brian Flaherty

From: Brian Flaherty
Sent: Tuesday, October 13, 2020 11:42 AM
To: 'Jim D'Entremont'
Subject: RE: RS Site Tennis Courts

Hi Jim:

Thanks for contacting me, I meant to get back to you. I would appreciate an update on last year's quote. We had a local contractor make crack repairs recently to keep the courts playable until the town decides if it approves my plan of post tension courts. Is there a cost escalator for each year we wait?

Thanks,

Brian

Brian W. Flaherty

Brian W. Flaherty, CPRP
Director
Waterford Recreation & Parks Commission
24 Rope Ferry Road
(Mailing Address: 15 Rope Ferry Road)
Waterford, CT 06385
860-444-5881

 Please consider the environment before printing this email.

From: Jim D'Entremont <jim@bmpconstructioninc.com>
Sent: Tuesday, October 13, 2020 11:23 AM
To: Brian Flaherty <bflaherty@waterfordct.org>
Subject: RS Site Tennis Courts

CAUTION: This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

Morning Brian,

Tim Sadick from RS Site & Sport reached out to us last week regarding your possible upcoming Tennis Court projects.

He mentioned that you may have interest in working thru Cooperative Purchasing. We hold 2 contracts thru the CRCOG CO-OP one for GC and one for Roads and Bridges, both administered by The Gordian Group. Using this Contract Tim and I have pooled our forces and successfully completed new PT courts for the Town of Bloomfield and we are in the process of completing courts for the Town of Bolton.

If you need more info on the EZIQC process Jay Duhamel the regional Manager would be glad to meet and review.

If you want to move forward on pricing the new courts, please let me know and Tim and I will get together and update the quotes from last year.

As a side note this Spring, we did the bathroom renovations at the Goshen Fire House in Waterford and we also did the addition on the New London Animal Control Facility which was Administered by New London and paid for by Waterford. Both of these projects went thru the EZIQC Contract.

If you have any questions please give me a call.

Thanks,
Jim D'Entremont
BMP Construction Inc.
50 Beaver Brook Rd Unit 6
Danbury, CT 06810
Cell 203-948-1462
Office 203-743-5601
www.bmpconstructioninc.com