



**State of Connecticut  
Office of Policy and Management  
Intergovernmental Policy and Planning Division**

**APPLICATION FOR 2023 STEAP GRANT FUNDING  
Pursuant to Connecticut General Statutes Section 4-66g**

--- IMPORTANT ---

**DO NOT ENTER "SEE ATTACHED" IN SECTIONS THAT ASK FOR DETAILS.  
PLEASE PROVIDE THE REQUESTED INFORMATION ON THE ACTUAL APPLICATION UNLESS A  
SECTION SUGGESTS USING A SEPARATE PAGE OR ATTACHMENT.**

Municipality: **Andover** Tax ID (FEIN) No.: **06-6009786**  
Chief Executive Officer: **Eric Anderson**  
Title: **Town Administrator**  
Email: **eanderson@andoverct.org**  
Phone Number: **860-742-7305** Extension: **4210**  
Office Street Address / PO Box: **17 School Road, Andover CT** Zip Code: **06422**

Project Name/Title: **Andover Recreation Facility Enhancements Phase II**  
Proposed Project Street Address: **Riverside Drive** Zip Code: **06422**  
If no project address is available, please provide street intersection detail. **Riverside/Long Hill**  
**Requested amount of STEAP Funding (cannot exceed \$500,000.00): \$500,000**

Name, phone and email address of person preparing this application: **John Guskowski, Town Planner – [planner@andoverct.org](mailto:planner@andoverct.org) – 860-455-8251**  
Identify municipal officials and professionals that may be contacted with questions regarding this application: **Eric Anderson, Town Administrator – [eanderson@andoverct.org](mailto:eanderson@andoverct.org) – 860-742-7305 x4210**

**Send your completed application and all other required attachments to  
[opm.steapapplications@ct.gov](mailto:opm.steapapplications@ct.gov)**

**IMPORTANT NOTE**

**Maximum file size: Files must be in a ZIP file not to exceed 10MB. If your ZIP file exceeds 10MB you will need to separate your submission into smaller ZIP files and send them in separate emails clearly identified, for example, 1 of 3, 2 of 3, 3 of 3.**

**Include the material listed below with your completed and signed application in the following order:**

- ☐ Application
- ☐ Site location indicated on a flood map
- ☐ Property boundary map
- ☐ Copy of lease, if STEAP-funded work to be undertaken on leased property which is not owned by the municipality.
- ☐ Two separate real estate appraisals, if land acquisition is proposed. ***\*Note: STEAP funds cannot exceed the appraised value established in the appraisals***
- ☐ Project plans / concept plans
- ☐ Proposed project schedule prepared by a qualified professional based on scope of project, including the duration of the total project (or project phase) to be funded by these STEAP funds should they be awarded.
- ☐ Project cost estimates supporting the request for funding developed and signed off by a qualified professional.
- ☐ List of necessary local, state, and federal permits and approvals required for the project; list the status of each if applicable
- ☐ Environmental site assessments (if applicable)
- ☐ Any state approvals/compliance including but not limited to:
  - Connecticut Environmental Policy Act ([CEPA](#)) evaluation
  - Connecticut Human Rights and Opportunities ([CHRO](#)) Contract Compliance
  - Flood Management Certification ([FMC](#))
  - State Historic and Preservation Office ([SHPO](#)) review and determination
- ☐ Acceptance & Certification (pages 6 and 7 of this document)
- ☐ Any town resolution(s) in support of application for this grant and/or resolutions in support of the project for which you are seeking this grant. (An authorizing resolution to apply for this grant is not required, however other resolutions will be required as part of your contracting process should you be selected to receive an award.) A sample resolution is provided on page 8 of this document.
- ☐ [Municipal Certification of Eligibility for OPM Discretionary State Funding \(rev. 03/26/18\)](#) (page 9)
- ☐ Statement of Work (page 10 & 11)
- ☐ Budget Worksheet (page 12)

1.) Provide a description of the proposed project which includes the purpose of the project. **Please be as comprehensive as possible in the description of this project (\*Note: only capital projects will be considered:** new construction, expansion, renovation, or replacement project for an existing facility or facilities. Project costs can include the cost of land, construction and contract services needed to complete the project. For a description of expenditures that **cannot** be funded with 2023 STEAP funds, see Guideline document).

**The Town of Andover has developed a broad and comprehensive approach to improving its recreational facilities that serve its residents' changing needs.**

**This is Phase 2 of a Town Recreation Facility Enhancements project that Andover has undertaken over the last several years. The Town Recreation Facility is located at the corner of Riverside Drive and Long Hill Road, just north of the intersection of Route 6 along the Hop River. Phase 1 reconstructed and improved the Town's main soccer field, adding irrigation, a walking track, fencing, and a formalized parking area. This field is heavily used, with more than 600 hours of formal activity every year (5 year olds through adult leagues). It has demand even into evening hours, for which it must now use portable generator-powered field lights.**

**Phase 2 will expand the use of this field and the walking track through the addition of permanent light towers. It will also extend the existing irrigation system across Riverside Drive to the existing softball field so that this facility can be properly watered. Finally, the recreation facility will be extended to the west with the addition of three fenced and lighted pickleball courts, an accessible playscape, and additional formalized parking. Currently, the only municipal playscape is located at Andover Elementary School, which is not accessible to the public during school hours or when the afterschool program is in session. The only pickleball facilities, which are heavily in demand, are indoors twice a week in the elementary school gymnasium, which is not air conditioned for summer comfort. Pickleball court time competes with youth basketball, indoor disk golf, adult volleyball, afterschool latchkey program and a summer camp program, all using a single gymnasium court.**

**Together, these improvements will meet the changing demographics and demands of the community for all-ages recreational activities and provide for proper maintenance and parking.**

2.) How will this project impact and benefit the community? Please include any projected economic impact and job creation or retention estimates.

**The project will provide extensive positive quality of life impacts to all residents by expanding recreational options and responding to demand for new and extended facilities. It is anticipated that the expanded facilities will improve both perceived and actual value of an Andover residence, raising property values. The project itself will create several temporary jobs for design and construction (estimated 3 jobs) and two permanent jobs for recreation and maintenance.**

3.) What is the total project cost? Amount \$ **660,000**

4.) Please summarize work completed and types of funds, if any, that have been expended to date for this project.

**Phase 1 of project completed in 2016. Preliminary engineering design, including lighting schematics have been completed on Phase 2. Both STEAP (State of Connecticut) and Town funds were expended on Phase 1. Thus far, only Town funds have been expended on Phase 2 design work. Additional funding from a DOT Community Connectivity grant has been used to increase accessibility to the fields via pedestrian and cycling from the Hop River Rail Trail**

5.) Please provide a list of parcels on which STEAP funded work will be undertaken.

**Town of Andover parcels: Map 27, Block 7, Lot 21 and 21A, Corner of Riverside Drive and Long Hill Road**

6.) Does the town own the property on which the STEAP-funded work will be undertaken?

YES or NO **YES**

7.) If NO, does the town hold a long-term lease on the property? **N/A**

8.) If YES, include copy of lease and enter lease end date here. **N/A**

9.) Is this project a phase of a larger plan? YES or NO **YES** If no skip to question 10.

STEAP Phase # Applying	# 2 of 2			
	SCOPE OF PHASE	COST OF PHASE	SCHEDULED START DATE	COMPLETED DATE
Phase 1	<b>Rebuilding soccer field with irrigation, adding walking track, fencing, and parking area</b>	<b>\$450,000</b>	9/2016	11/2016
Phase 2	Lighting of soccer field, new pickleball courts, playscape, and extending irrigation to softball field	<b>\$660,000</b>	5/2024	8/2024
Phase 3				
	ADMINISTERING STATE AGENCY FOR PHASE	STATE AGENCY CONTACT NAME		
Phase 1	<b>CT-DEEP</b>	<b>Alison Chase/David Stygar (860) 424 3081</b>		
Phase 2	<b>CT-DECD</b>	<b>To be determined</b>		

10.) Attach additional information regarding the overarching, long-term plan if applicable. Attachment heading should read "Long Term Plan." Attached: YES or NO **NO**

**In 2019 Andover completed a study by a Long-Term Planning Committee. While this study was wide ranging, at its core was the overarching goal of increasing the quality of life for residents and responding to changing needs and demographics. The vision was that all residents live in a walkable bikeable town that encouraged physical activities and recreation for all ages and abilities. There are two basic tenants to this plan relevant to this grant application.**

**This first tenet was to increase social and recreational opportunities for residents of all ages and ability levels to encourage healthy, active lifestyles. This involves multiple departments and programs including; building a new Community/ Senior Center (anticipated groundbreaking 8/18/2023); increasing access to the Hop Rail Trail, creating new walking trails; and adding additional recreational opportunities for all ages. Our success in encouraging active lifestyles and recreation has increased the usage of our current facilities. This grant application is necessary because of increased demand for existing recreational opportunities from this proactive approach.**

**The second tenet is to make all the town facilities interconnected. The town has a complete street master plan, and is actively making the town walkable and bikeable for residents of all ages. Using a DOT Community Connectivity grant, there is safe walkable and bikeable access to these athletic fields from much of the town. The town has legislative funding to help continue that connection to the remaining town facilities.**

11.) Is the proposed project consistent with the [CT Conservation & Development Policies Plan](#)? YES or NO **YES**

12.) Is the proposed project consistent with your Municipal Plan of Conservation & Development (POCD) Plan? YES or NO **YES**

13.) Last date Municipal Plan of Conservation and Development (POCD) Adopted: **10/15/2015** (mm/dd/yyyy)

14.) Will the project require the conversion of lands currently in agricultural use to non-agricultural use? YES or NO **NO**

15.) Does the project area contain prime or important agricultural soils that are greater than 25 acres in area? YES or NO **NO**

16.) Does this project impact state-owned property (i.e.: state facilities, state roads and/or bridges, state parks, forests or other state-owned land.) If yes, please provide the location and a brief explanation.**NO**

17.) Will any project related activities be conducted within a floodplain?

YES or NO **YES**

(\*If you answer “yes” to question 16, please be advised that the provisions of the [Dept. of Energy and Environmental Protection’s Flood Management Certification are applicable.](#))

18.) Describe the environmental and social impacts of the proposed project. For example, impacts related to traffic, floodplains, natural resources/wetlands, endangered species, archeological resources, historical structures, neighborhoods, utilities, parks, cemeteries etc. *(If necessary, attach response in a separate document with the following heading: “Environmental & Social Impacts”.)*

**The project will have broadly positive social impacts with minimal environmental disturbance. The entirety of the work will take place out of public travel ways and on Town-owned recreation property that is already cleared, graded, and developed as a multi-use athletic field. Some very temporary traffic disruption will occur on Riverside Drive when irrigation lines are being extended under the road from the soccer field to the softball field, but that is only a matter of a few hours. All work is being done outside of wetlands or areas of environmental, species, archeological, or historic sensitivity. The new pickleball courts will be constructed in the floodplain, but appropriate permitting will be sought, and the project will actually increase the flood storage capacity of the area, with no critical or habitable structures being placed below flood stage.**

19.) Does this project require State Historic and Preservation Office ([SHPO](#)) review and determination? If you answer “yes” please advise if the determination has been received and include a copy with the application.

YES or NO **NO** Unsure

If yes, determination date: **N/A**

20.) Should this project be awarded a STEAP grant, how soon after the contract is fully executed, would STEAP funded project work begin? (CHECK ONE BOX BELOW)

30 days                  60 days                  90 days **X**    90+ days

21.) Will this project move forward if the requested STEAP funds are not awarded?

Yes or No

**No – There is no current contingency funding should STEAP funds not be available.**

22.) Was this project not selected in a previous round of STEAP grants?

Yes or No **NO** If yes, provide year **N/A**

23.) Will this project require a referendum/legislative body vote? **YES** If “no”, check this box and skip to question 23. If already approved by vote, enter vote date here **N/A**. If to be voted on in future, enter projected date of vote here **Within 30 days of Grant Acceptance**. If

your application is selected for an award, the project must be approved by vote within 30 days of being notified of the award. A copy of the municipality's approval of the project, whether in resolution format or memorialized in meeting minutes, must be submitted to the administering agency.

24.) Has this project been rejected at a previous referendum/legislative body vote? YES or NO  
**NO** . If yes, what has changed that leads you to believe that it will pass at the next referendum/legislative body vote? **N/A**

25.) Has there been, or do you anticipate a measurable level of local opposition to the project which may interfere with the expedient use of grant funds should this project be selected for an award?

**No – this project is a direct response to widespread public support and clamor for expanded community recreational facilities. Broad community support is anticipated.**

26.) If there is any other relevant information you feel may be helpful, please include it below:

**This project represents a major step forward for the Town in providing a more comprehensive and connected recreation facility to its residents and visitors.**

**ACCEPTANCE & CERTIFICATION**  
**(Page 1 of 2)**

**This Acceptance and Certification must be read and signed by the Chief Executive Officer of the municipality in order for the municipality/project to be considered for STEAP funding.**

My signature below, as Chief Executive Officer of the municipality of **Andover**, indicates acceptance of the following and further certifies that:

1. I understand that should this grant application be approved I will be required to sign an assistance agreement/contract with the assigned administering agency delineating the terms and conditions of this grant;
2. I will comply with any grant terms and conditions required by the administering agency;
3. I understand that various permits and permit-related documentation may be required by the administering agency as required by either the Connecticut General Statutes or Connecticut regulations, including but not limited to the Connecticut Environmental Policy Act Evaluation, Environmental Impact Evaluation, Flood Management Certification; State Historic and Preservation Office and/or Municipal Plan of Conservation and Development;
4. I understand that funding associated with this grant application is one-time in nature and that there is no obligation for additional funding from the Office of Policy and Management or the State of Connecticut;
5. I understand that if this project warrants a Connecticut Environmental Policy Act (CEPA) review pursuant to Sections 22a-1 through 22a-1h of the Connecticut General Statutes that I will comply with such an environmental assessment. Further, if a CEPA is required, I understand that there are costs associated with such a review and that the municipality is in a position to continue with the proposed project despite this cost;
6. I understand that this application will be examined by the Intergovernmental Policy and Planning Division of the Office of Policy and Management for consistency with the State Plan of Conservation and Development and that I may be contacted if additional information is required for that review;
7. I understand that projects which convert twenty-five or more acres of prime farmland to a nonagricultural use will be reviewed by the Commissioner of Agriculture, in accordance with Section 22-6 of the Connecticut General Statutes;
8. I understand that I am responsible for meeting the requirements to remain eligible for discretionary state funding as outlined at [this link](#).



## ACCEPTANCE & CERTIFICATION

(Page 2 of 2)

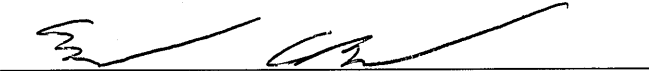
9. I will supply the Office of Policy and Management with all documentation supporting my authority to enter into an assistance agreement, including but not limited to applicable certified minutes and by-laws from the town denoting my authority to apply for the grant and the authority to enter into such an agreement should a grant be awarded;
10. I understand that if this application leads to the award of a STEAP grant for this project, that no payment will be made for project expenses incurred prior to the start date or after the end date as set forth in the fully executed contract; and
11. I have read, in full, all pages of this application package and the 2023 Small Town Economic Assistance Program (STEAP) Guidelines.

**Eric Anderson**

Chief Executive Officer Signatory's Name (Please Print)

**Town Administrator**

Title

A handwritten signature in black ink, appearing to read 'Eric Anderson', is written over a horizontal line.

Signature

**August 18, 2023**

Date

**Municipal Certification of  
Eligibility for Discretionary State Funding**

*(This form to be completed by municipality)*

Name of Discretionary Grant Funding Program: Small Town Economic Assistance Program (STEAP)

Name of Municipality & Town Code: **001 Andover** (hereinafter referred to as "Town/City")

In accordance with C.G.S. § 8-23, as amended by **Public Act 15-95**, any municipality that has not adopted a plan of conservation and development (POCD) within the past ten years is ineligible for **discretionary state funding** unless they submit a "Notice of Expired POCD" to the OPM Secretary and to the Commissioners of Transportation, Energy and Environmental Protection, and Community and Economic Development, **and** they request and receive a waiver from the prohibition on a grant-by-grant basis from the OPM Secretary

☒ In accordance with C.G.S. § 8-23(a)(1), the Town/City has adopted a POCD within the last ten years; the adopted plan expires **10/15/2025**.

☐ The Town/City has **not** adopted a POCD within the last ten years as required by C.G.S. § 8-23(a)(1) and:

☐ In accordance with C.G.S. § 8-23(a)(2), the Town/City has submitted a "**Notice of Expired POCD**" to the OPM Secretary and the Commissioners of Transportation, Energy and Environmental Protection, and Economic and Community Development that explains why such plan was not adopted within the required ten year period (copy attached).

**AND**

☐ In accordance with C.G.S. § 8-23(b), the Town/City has submitted a "**Waiver Request Letter**" to the OPM Secretary requesting a waiver of the discretionary state funding prohibition for this grant application (copy attached).

I attest that the aforementioned information is accurate and complete and that I am the representative of the Town/City who is authorized to execute this certification.

Eric Anderson, Town Administrator

Signature: \_\_\_\_\_

001 Andover

8/18/2023

*THE FOLLOWING IS PROPOSED SUBJECT TO AWARD AND MAY BE AMENDED AND FINALIZED, AS MUTUALLY AGREED UPON, BY THE ADMINISTERING AGENCY AND GRANTEE.*

## **STATEMENT OF WORK AND GRANT AWARD BUDGET**

**NAME OF APPLICANT TOWN:** Andover

**GRANT PROGRAM NAME:** Small Town Economic Assistance Program (STEAP) 2023

**CONCISE GRANT PROGRAM SUMMARY (PROGRAM PURPOSE/INTENT/MISSION):** The Small Town Economic Assistance Program (C.G.S. Section 4-66g) funds economic development, community conservation and quality of life projects for localities that are ineligible to receive Urban Action bonds (CGS Section 4-66c). STEAP funds are issued by the State Bond Commission and can only be used for capital projects. Project costs can include contract services and expenditures related to capital projects for new construction, expansion, renovation or replacement for an existing facility or facilities. (see page 5 of guidelines for unallowable expenditures.)

**PROJECT TITLE/NAME (as appears on application):** Andover Recreation Facility Enhancements Phase II

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### **I. INTRODUCTION**

**CONCISE PROJECT DESCRIPTION (Limited to 300 characters):**

**Phase 2 of the Town's Recreation Facility Enhancements will:** Add permanent lighting to the Town's main recreation field and walking track; Extend the irrigation system to a softball field; and Construct three new fenced and lighted pickleball courts, an accessible playscape, and additional parking.

*THE FOLLOWING IS PROPOSED SUBJECT TO AWARD AND MAY BE AMENDED AND FINALIZED, AS MUTUALLY AGREED UPON, BY THE ADMINISTERING AGENCY AND GRANTEE.*

## **II. STATEMENT OF WORK**

The grantee proposes to complete the work and/or proposes to purchase goods and/or services as delineated in the following table and in accordance with the below proposed budget.

<b>Category (Optional): Overarching type of work (for example: planning/design/construction/reports)</b>	<b>Tasks: The individual tasks to be performed in order to accomplish the objective of the grant award.</b>	<b>Target Completion Date for Each Task</b>
<b>Design</b>	Final project engineering design and preparation of bid set	<b>2 months following NTP</b>
<b>Bidding</b>	Advertising construction bidding	<b>3 months following NTP</b>
<b>Public Outreach</b>	Public information meetings regarding project scope	<b>3 months following NTP</b>
<b>Permitting</b>	Acquisition of necessary local and state permitting	<b>5 months following NTP</b>
<b>Contracting</b>	Selection of construction team and contracting	<b>5 months following NTP</b>
<b>Construction</b>	Installation of improvements	<b>10 months following NTP</b>
<b>Reporting</b>	Project close-out and reporting	<b>12 months following NTP</b>

*THE FOLLOWING IS PROPOSED SUBJECT TO AWARD AND MAY BE AMENDED AND FINALIZED, AS MUTUALLY AGREED UPON, BY THE ADMINISTERING AGENCY AND GRANTEE.*

### III. PROPOSED STEAP GRANT AWARD BUDGET :

List proposed grant award budget items below.

Description	Amount of anticipated STEAP Funding	Amount Federal Funding	Amount Grantee Match Funding	Amount Other Funding	If "Other", list source name and type (private, state, etc.)	TOTALS:
Engineering and Permitting			\$35,000			\$35,000
Site Preparation and Excavation			\$30,000			\$30,000
Trenching and Infrastructure Installation	\$30,000		\$20,000			\$50,000
Sidewalk and Parking Lot Improvement	\$20,000		\$10,000			\$30,000
Irrigation System Extension	\$20,000					\$20,000
Pickleball Court Installation	\$150,000					\$150,000
Playscape Installation	\$75,000				\$10,000*	\$85,000
Athletic Field Lighting Installation	\$150,000					\$150,000
Administration/Inspection	\$20,000		\$5,000			\$25,000
Mobilization and General	\$20,000		\$20,000			\$40,000
Contingency	\$15,000		\$30,000			\$45,000
<b>TOTALS:</b>	\$500,000		\$150,000		\$10,000	\$660,000

\*Private resident of Andover has pledged \$10,000 toward the installation of a new playscape.

### PAYMENT TERMS

- Grantee provides the above proposed budget understanding that should a grant be awarded no reimbursements will be made for expenditures incurred prior to the grant start date or after the grant end date.

TOWN OF ANDOVER  
BOARD OF SELECTMEN  
Resolution of Authorization

**Resolved:** That the Board of Selectmen as the legislative body of the Town of Andover hereby authorizes Eric Anderson, Town Administrator to enter into and execute any and all agreements, contracts and documents necessary to obtain said 2023 STEAP Grant with the State of Connecticut and accept such grant if awarded.

**Improvements include:**

Addition of 3 pickle ball courts with fencing and Lighting  
Playground optimized for 2-10 year olds  
Soccer Field Lighting  
Water and Electrical service to the Softball fields  
Paving the Upper Parking area to increase access.

Award Amount requested \$500,000 from the State and Town will contribute \$100,000 to the project,

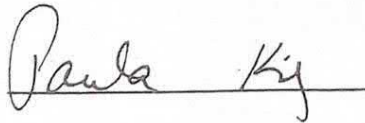
Adopted and signed this 14<sup>th</sup> day of August, 2023 by the Board of Selectmen of the Town of Andover, CT.



Jeffrey Maguire  
First Selectman



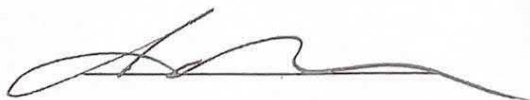
Jeffrey Murray  
Selectman



Paula King  
Selectman



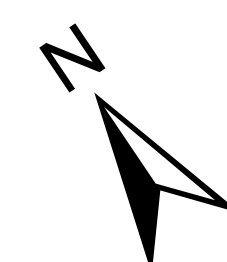
Scott Person  
Selectman



Adrian Mandeville  
Selectman









<b>TOWN OF ANDOVER</b>					8/16/2023
<b>ANDOVER VETERANS MEMORIAL FIELD - SITE IMPROVEMENTS</b>					CLA-5077
<b>Engineer's Opinion of Probable Construction Costs</b>					
	<b>Item</b>	<b>Qty.</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Estimate</b>
1	Maintenance & Protection of Traffic	1	L.S.	\$7,500.00	\$7,500.00
2	Erosion & Sedimentation Control	1	L.S.	\$5,000.00	\$5,000.00
3	General Excavation	400	C.Y.	\$15.00	\$6,000.00
4	Temporary Trench Pavement for Road	20	S.Y.	\$40.00	\$800.00
5	Permanent Trench Pavement for Road	30	S.Y.	\$60.00	\$1,800.00
6	Parking Lot: Processed Gravel Base	100	C.Y.	\$55.00	\$5,500.00
7	Parking Lot: Two Course Bituminous Concrete Pavement	100	Ton	\$110.00	\$11,000.00
8	Bituminous Concrete Sidewalk	500	S.F	\$5.00	\$2,500.00
9	Pickleball Courts (Incl. base, bit. surface, fence, and equipment)	1	L.S.	\$150,000.00	\$150,000.00
10	Playscape preparation and landscaped base material	1	L.S.	\$25,000.00	\$25,000.00
11	Playscape equipment with installation	1	L.S.	\$100,000.00	\$100,000.00
12	Water Piping (2" Assumed)	320	L.F.	\$50.00	\$16,000.00
13	Modifications to Existing Irrigation Equipemnt for new Service	1	L.S.	\$2,500.00	\$2,500.00
14	Lighting infrastructure preparation	1	L.S.	\$80,000.00	\$80,000.00
15	Athletic field lighting	8	L.S.	\$20,000.00	\$160,000.00
16	Topsoil, Seed, Fertilizer, and Mulch	600	S.Y.	\$10.00	\$6,000.00
Subtotal :					\$579,600.00
Contractor Mobilization & General Conditions :				10%	\$57,960.00
Construction Subtotal :					\$ 637,560.00
Engineering / Permitting / Bid Services :				8.0%	\$51,004.80
Construction Administration / Inspection :				5.0%	\$31,878.00
Contingency :				10.0%	\$63,756.00
<b>Total Project Estimate :</b>					<b>\$784,198.80</b>
<b>Say :</b>					<b>\$785,000.00</b>



## Andover STEAP Grant Application 2023: Time schedule & Permits Needed

Andover Recreation Facility Enhancements Phase II Project anticipated schedule is as follows:

	Months 1-2 Following Contract Execution	Months 3-4 Following Contract Execution	Months 5-6 Following Contract Execution	Months 7-8 Following Contract Execution	Months 9-10 Following Contract Execution	Months 11-12 Following Contract Execution
Notice of Award and State Contract						
Establishment of Project Team						
Completion of Civil Design						
Public Outreach						
Permitting						
Bidding and Contracting for Construction						
Construction Phase						
Project Completion and Reporting						

Project schedule completed by John Guskowski, Town Planner and Eric Anderson, Town Administrator

### Anticipated Permits Required:

- Connecticut Department of Energy & Environmental Protection: Flood Management Certification
- Andover Inland Wetlands & Watercourses Commission: Regulated activity in an Upland Review Area

LONG HILL RD

Location LONG HILL RD

Mblu 27/ 7/ 21/ /

Acct# 325

Owner ANDOVER TOWN OF

Assessment \$14,840

Appraisal \$21,200

PID 325

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$0	\$21,200	\$21,200
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$0	\$14,840	\$14,840

Owner of Record

Owner ANDOVER TOWN OF  
Co-Owner  
Address PO BOX 328  
ANDOVER, CT 06232

Sale Price \$0  
Certificate  
Book & Page 0034/0266  
Sale Date

Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
ANDOVER TOWN OF	\$0		0034/0266	

Building Information

Building 1 : Section 1

Year Built:  
Living Area: 0  
Replacement Cost: \$0  
Building Percent Good:  
Replacement Cost  
Less Depreciation: \$0

Building Attributes
---------------------

Field	Description
Style:	Vacant Land
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Num Kitchens	
Cndtn	
Num Park	
Fireplaces	
Fndtn Cndtn	
Basement	

Building Photo



(https://images.vgsi.com/photos2/AndoverCTPhotos//default.jpg)

Building Layout

(ParcelSketch.ashx?pid=325&bid=325)

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use		Land Line Valuation	
Use Code	9030	Size (Acres)	15.13
Description	Municipal	Frontage	0

Zone	ARD	Depth	0
Neighborhood		Assessed Value	\$14,840
Alt Land Appr Category	No	Appraised Value	\$21,200

Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$0	\$21,200	\$21,200
2020	\$0	\$21,200	\$21,200
2015	\$0	\$24,200	\$24,200

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$0	\$14,840	\$14,840
2020	\$0	\$14,800	\$14,800
2015	\$0	\$16,900	\$16,900

LONG HILL RD

Location LONG HILL RD

Mblu 27/ 7/ 21A/ /

Acct# 332

Owner ANDOVER TOWN OF

Assessment \$26,880

Appraisal \$38,400

PID 332

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$1,400	\$37,000	\$38,400
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$980	\$25,900	\$26,880

Owner of Record

Owner ANDOVER TOWN OF  
Co-Owner  
Address PO BOX 328  
ANDOVER, CT 06232

Sale Price \$0  
Certificate  
Book & Page 0026/0430  
Sale Date

Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
ANDOVER TOWN OF	\$0		0026/0430	

Building Information

Building 1 : Section 1

Year Built:  
Living Area: 0  
Replacement Cost: \$0  
Building Percent Good:  
Replacement Cost  
Less Depreciation: \$0

Building Attributes
---------------------

Field	Description
Style:	Vacant Land
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Num Kitchens	
Cndtn	
Num Park	
Fireplaces	
Fndtn Cndtn	
Basement	

Building Photo



(https://images.vgsi.com/photos2/AndoverCTPhotos//default.jpg)

Building Layout

(ParcelSketch.ashx?pid=332&bid=332)

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use		Land Line Valuation	
Use Code	9030	Size (Acres)	4.4
Description	Municipal	Frontage	0

Zone

Neighborhood

Alt Land Appr

Category

ARD

12

No

Depth

Assessed Value

Appraised Value

0

\$25,900

\$37,000

Outbuildings

Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
FN2	Fence-5' Chain			400.00 L.F.	\$1,400	1

Valuation History

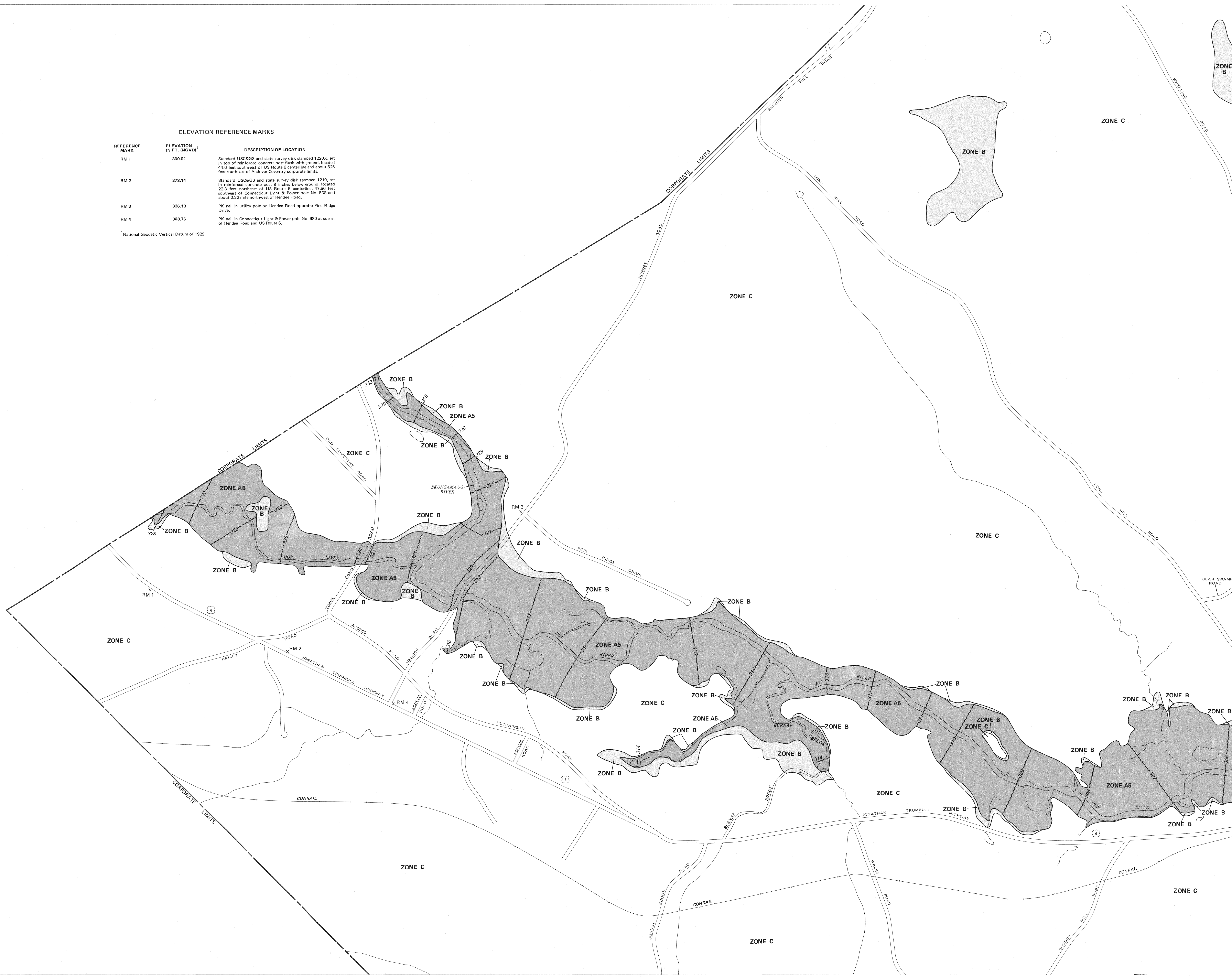
Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$1,400	\$37,000	\$38,400
2020	\$1,400	\$37,900	\$39,300
2015	\$0	\$22,600	\$22,600

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$980	\$25,900	\$26,880
2020	\$1,000	\$26,500	\$27,500
2015	\$0	\$15,900	\$15,900



ELEVATION REFERENCE MARKS		
REFERENCE MARK	ELEVATION IN FT. (NGVD) 1	DESCRIPTION OF LOCATION
RM 1	360.01	Standard USC&GS and state survey disk stamped 1220X, set in top of reinforced concrete post flush with ground, located 44.8 feet southwest of US Route 6 centerline and about 625 feet southeast of Andover-County corporate limits.
RM 2	373.14	Standard USC&GS and state survey disk stamped 1219, set in reinforced concrete post 9 inches below ground, located 22.3 feet northeast of US Route 6 centerline, 47.66 feet southeast of Connecticut Light & Power pole No. 538 and about 0.22 mile northwest of Hendee Road.
RM 3	336.13	PK nail in utility pole on Hendee Road opposite Pine Ridge Drive.
RM 4	368.76	PK nail in Connecticut Light & Power pole No. 680 at corner of Hendee Road and US Route 6.

1 National Geodetic Vertical Datum of 1929



KEY TO MAP

500-Year Flood Boundary ——— ZONE B

100-Year Flood Boundary ——— ZONE A1

Zone Designations\* ——— ZONE A5

100-Year Flood Boundary ——— ZONE B

500-Year Flood Boundary ——— ZONE B

Base Flood Elevation Line With Elevation In Feet\*\* ——— 513

Base Flood Elevation in Feet Where Uniform Within Zone\*\* (EL 987)

Elevation Reference Mark RM7x

Zone D Boundary ———

River Mile ——— 1.5

\*\*Referenced to the National Geodetic Vertical Datum of 1929

\*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Index To Map Panels.

INITIAL IDENTIFICATION:  
APRIL 18, 1975

FLOOD HAZARD BOUNDARY MAP REVISIONS:

FLOOD INSURANCE RATE MAP EFFECTIVE:  
FEBRUARY 3, 1982

FLOOD INSURANCE RATE MAP REVISIONS:

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program at (800) 638-6620.

APPROXIMATE SCALE  
400 0 400 FEET

NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

TOWN OF  
ANDOVER,  
CONNECTICUT  
TOLLAND COUNTY

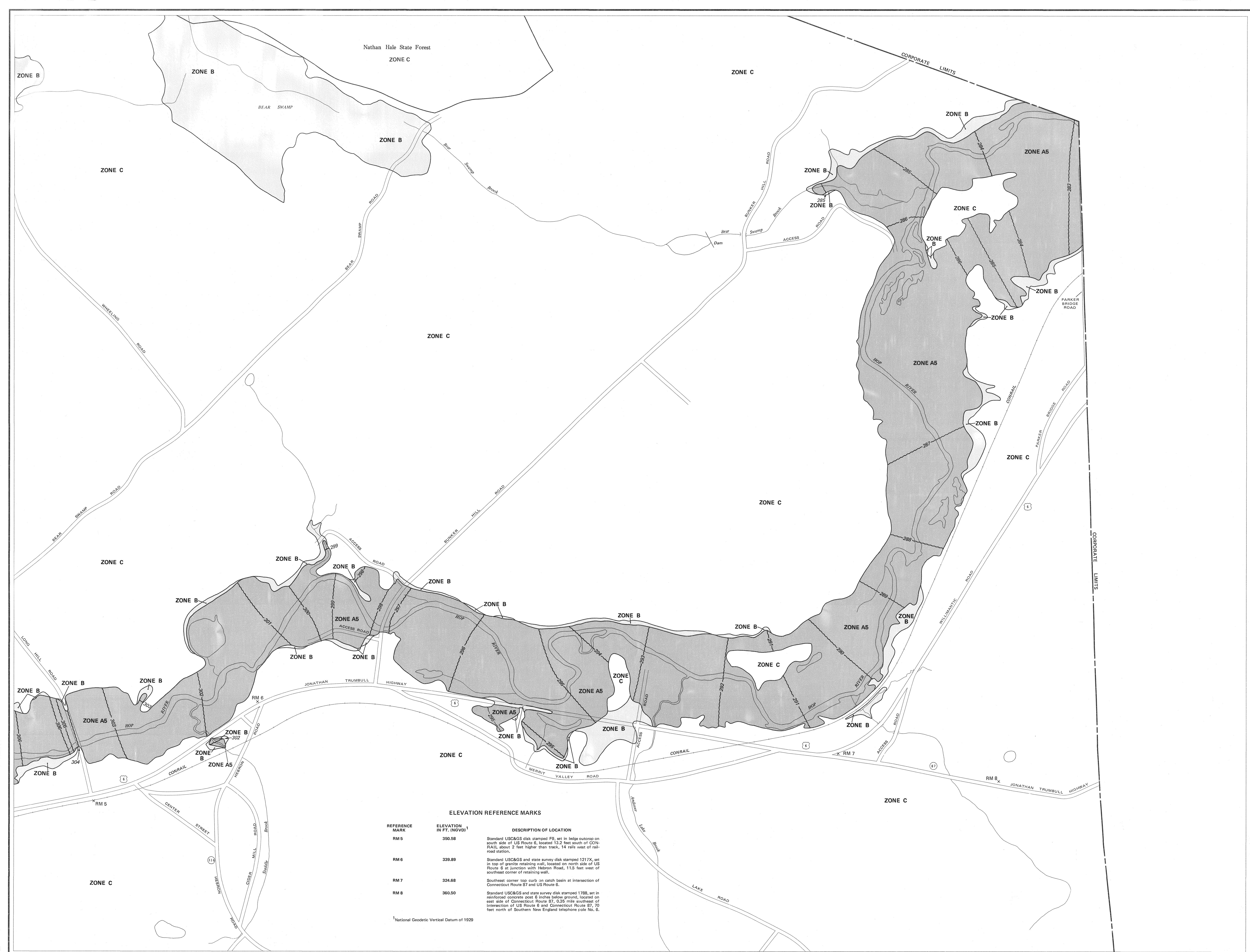
PANEL 3 OF 10  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER  
090161 0003 A

EFFECTIVE DATE:  
FEBRUARY 3, 1982

Federal Emergency Management Agency





**KEY TO MAP**

500-Year Flood Boundary  
100-Year Flood Boundary  
Zone Designations\*

100-Year Flood Boundary  
500-Year Flood Boundary  
Base Flood Elevation Line With Elevation In Feet\*\*  
Base Flood Elevation in Feet Where Uniform Within Zone\*\*  
Elevation Reference Mark  
Zone D Boundary  
River Mile  
M1.5

ZONE B  
ZONE A1  
ZONE A5  
ZONE B  
513  
(EL 987)  
RM7x  
M1.5

\*\*Referenced to the National Geodetic Vertical Datum of 1929

- \*EXPLANATION OF ZONE DESIGNATIONS**
- | ZONE   | EXPLANATION  |
|--------|--|
| A      | Areas of 100-year flood; base flood elevations and flood hazard factors not determined.  |
| A0     | Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.  |
| AH     | Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.   |
| A1-A30 | Areas of 100-year flood; base flood elevations and flood hazard factors not determined.  |
| A99    | Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.  |
| B      | Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading) |
| C      | Areas of minimal flooding. (No shading)  |
| D      | Areas of undetermined, but possible, flood hazards.  |
| V      | Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.  |
| V1-V30 | Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.  |

**NOTES TO USER**

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Index To Map Panels.

**INITIAL IDENTIFICATION:**  
APRIL 18, 1976

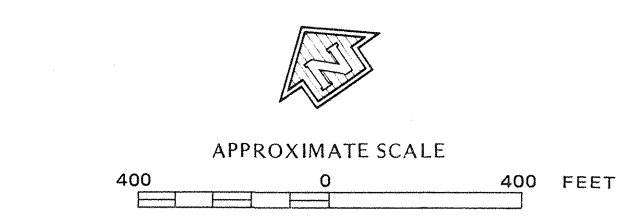
**FLOOD HAZARD BOUNDARY MAP REVISIONS:**

**FLOOD INSURANCE RATE MAP EFFECTIVE:**  
FEBRUARY 3, 1982

**FLOOD INSURANCE RATE MAP REVISIONS:**

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6630.



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
**FLOOD INSURANCE RATE MAP**

**TOWN OF ANDOVER, CONNECTICUT**  
**TOLLAND COUNTY**

**PANEL 4 OF 10**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

**COMMUNITY-PANEL NUMBER**  
**090161 0004 A**

**EFFECTIVE DATE:**  
**FEBRUARY 3, 1982**

Federal Emergency Management Agency





## State of Connecticut

**HOUSE OF REPRESENTATIVES**  
STATE CAPITOL  
HARTFORD, CONNECTICUT 06106-1591

**REPRESENTATIVE STEVE WEIR**  
FIFTY-FIFTH ASSEMBLY DISTRICT

LEGISLATIVE OFFICE BUILDING, ROOM 4200  
300 CAPITOL AVENUE  
HARTFORD, CT 06106-1591

CAPITOL: (860) 240-8700  
TOLL FREE: (800) 842-1423  
Steve.Weir@housegop.ct.gov

**MEMBER**  
HIGHER EDUCATION AND EMPLOYMENT  
ADVANCEMENT COMMITTEE  
HOUSING COMMITTEE  
LABOR AND PUBLIC EMPLOYEES COMMITTEE

August 16, 2023

Dear STEAP Program Administrator,

As Andover's State Representative, I would like to offer my support for this grant Application. Like other small towns, Andover has limited resources and this grant will make a measurable improvement in the quality of life for the whole community.

The town of Andover has made a commitment to enhance recreational access for residents of all ages. This Grant will help further that goal. This will make it possible for the town to improve their athletic field as well as broaden the usage to additional sports and age ranges.

Currently the soccer field is used by 4 organizations ranging from youth to adult soccer leagues and currently sees over 600 hours of annual usage. Currently diesel-powered construction lights are used to extend the season for evening practices in the fall. The town wants to add more functional and environmentally friendly lighting to extend the usefulness of the field.

Andover, like many towns has seen huge growth in adult pickleball playing in town. Currently the town uses the Elementary school Gym 3 nights per week, but there is a lot more demand than court availability. The town seeks to build 3 outdoor courts at its recreation complex on Riverside Drive to help ease demand and promote senior fitness and exercise.

Additionally, the town needs to have water and electricity available on its youth softball field which is separated from the other fields by Riverside Drive.

Sincerely,

A handwritten signature in black ink that reads "Steve Weir".

Steve Weir  
CT State Representative, 55th District

August 8, 2023

Martin Heft, Undersecretary  
Intergovernmental Policy and Planning Division  
Office of Policy and Management  
450 Capitol Avenue MS# 54SLP  
Hartford CT 06106-1379DD

**Re: Town of Andover - 2023 STEAP Program Application**

Dear Mr. Heft,

I am writing to express the Capitol Region Council of Governments' (CRCOG) strong support for the town of Andover's 2023 STEAP Grant application. We believe that the proposed improvements to Veterans Memorial field on Riverside Drive would greatly benefit the community and provide much-needed amenities for residents of all ages.

Andover residents have expressed a strong desire for more pickleball courts, and we believe that the addition of 2-3 courts with lighting for evening play would help the town meet this need and enhance opportunities for players to enjoy the sport during normal school hours. Additionally, the proposed playground for 2–10-year-olds would provide a safe and fun space for children to play and socialize, while the lighting for the soccer field would allow for better spacing of games and practices in the fall.

We are also pleased to see that the grant would provide a water connection for irrigation for the softball field, electrical power for the softball field, and additional picnic tables near the fields. These improvements would enhance the overall experience for players and spectators alike.

It is worth noting that the town currently uses diesel-powered worksite lights in the fall when it gets dark early, which is environmentally unfriendly. The proposed field lighting would provide a more sustainable solution to this issue.

The proposed improvements to Veterans Memorial field are consistent with CRCOG's Regional Plan of Conservation & Development and we urge you to approve the town's application.

We appreciate your time and consideration.

Sincerely,



Digitally signed by Matt W. Hart  
Reason: I am approving this document  
Date: 2023-08-08 11:46:04:00

Matthew W. Hart

CC: Jeffrey Maguire, First Selectman  
Eric Anderson, Town Administrator  
CRCOG Policy Board  
C. Palmer, Director of Regional Planning and Development

Aug 4, 2023

MD Rahman  
CT State Senator 4<sup>th</sup> District  
Proudly serving the residents of the District,

Dear Commissioner Heft,

As Andover's State Senator for the fourth district, I would like to offer my support for this Small Town Economic Assistance Program grant. As the smallest town in my district and the Capital Region, Andover has unique challenges and limited resources to provide opportunities for their residents. This grant will make a measurable improvement in the quality of life for the community.

The town of Andover has made a commitment to enhance recreational opportunities for residents of all ages and ability levels. This STEAP grant will help further that goal. This will make it possible for the town to improve their athletic field as well as broaden the usage to additional sports that appeal to a wide age ranges.

Currently the soccer field is used by 3 youth and one Adult soccer leagues for both practice and games, and currently sees over 600 hours of annual usage. Currently diesel-powered construction lights are used to extend the season for evening practices in the fall. The town seeks to add better, more functional and environmentally friendly lighting to extend the usefulness of the field.

Andover, like many towns has seen huge growth in adult pickleball playing in town. Currently the town uses the Elementary school Gym 3 nights per week, but there is a lot more demand than court availability. The town seeks to build 3 outdoor courts at its recreation complex on Riverside Drive to help ease demand and promote senior fitness and exercise.

Additionally the town needs to have water and electricity available on its youth softball field which is separated from the other fields by Riverside Drive.

Given the obesity crisis in America promoting fitness for all ages is a worthy goal, and this grant will do just that.

Respectfully,

A handwritten signature in blue ink, appearing to read "MD Rahman", with a small blue circular stamp or mark to the right.

MD Rahman  
CT State Senator, 4<sup>th</sup> District

Aug 15, 2022

Scott Person  
Andover Coordinator for Pickleball

Dear Commissioner Heft,

As an avid player of pickleball, I endorse the Small Town Economic Assistance Program grant for the town.

Andover, has had a lot of interest in adult pickleball playing in town. Currently we use the Elementary school Gym 2-3 nights per week, but there is a lot more demand than court availability. We have asked the town to build 2-3 additional outdoor courts at either the school or town veterans monument field on Riverside Drive to help ease demand and promote senior fitness and exercise. Because of space limitations, we feel locating the field at Monument field will be beneficial and it will also be located within easy walking distance from the town Senior Housing complex.

We support enhanced recreational opportunities for residents of all ages and ability levels. This is good for the town and fits in with other improvements at the field.

Sincerely,



Scott Person

Avid Pickleball Player and Coordinator



**Andover Recreation Commission  
17 School Road  
Andover, CT 06232**

---

Dear Eric,

The only playground in Andover is the one located at the elementary school and this area is not accessible during school or summer camp hours. Due to the limited hours of use, this play area is not available during the prime hours that parents of young children would be going out to play so, this STEAP grant will provide a much needed play area.

The elementary school gym which is used as a court for an adult pickle ball program, adult and youth basketball programs, disc golf program and volleyball is also inaccessible during school hours, the before and after school latchkey program and summer camp hours. Our town doesn't have any outdoor courts so; these groups count on the gym as their only court and due to the extremely limited hours that the gym is available these programs don't have the space to grow so, this STEAP grant will provide much needed outdoor courts.

We, the undersigned Recreation Commission members are writing in support of your application for a STEAP grant to fund a playground, outdoor courts, lighting and other amenities for the residents of Andover and surrounding communities.

Thank you for applying for the STEAP grant.

Brian Briggs  
Annmarie Daigle  
Kimberly Hawes  
Carol Lee  
Cynthia Murray

David and Grace Gostanian  
520 Lake Road  
Andover, CT 06232

Mr. Eric Anderson  
Town Administrator  
17 School Road  
Andover, CT 06232

August 15, 2023

Dear Eric,

We are writing this letter in support of your STEAP grant application for the town of Andover. Our newly established pickleball program at Andover Elementary School has been well received by many community members. The recreation committee graciously allowed us to run this program two nights per week beginning in February, 2023 until early August, 2023. Initially, there were only 8 participants. However, our program has now grown to approximately 80 members.

In preparation for the upcoming school year, our program can no longer access the elementary school gym and have relocated to the outdoor pickleball courts in Columbia, CT. Building outdoor pickleball courts with lighting in our town will be a great asset for the community! With the availability of outdoor courts, the opportunities to play pickleball will be limitless! Studies have shown that pickleball not only supports the physical health of the players but also our emotional health. With the population of Andover's residents who are 50+ increasing, it is critical that our town provides these healthy opportunities for us.

In addition, while playing at courts in Columbia, Colchester, and Windham, we have noticed their courts are surrounded by playground areas and basketball courts for children and young adults. We envision a similar setup in Andover where friends and neighbors of all ages can gather, socialize and have some fun!

Thank you again for applying for the STEAP grant. We fully support your efforts!

Sincerely,  
David and Grace Gostanian

The Andover team in the Southern New England Adult Soccer League traces its history to a group of Andover parents who met while their children played in the town's youth league and decided to form an adult team about 10 years ago. The current version of the team has used Andover's Veterans Memorial Field as its home field since the facility was renovated several years ago. The team typically rosters about 25 players and plays eight game sessions in the spring and fall, hosting competitors from all around central Connecticut for home games. Moreover, the team, along with a wider group of players, uses the field for practices and informal games throughout the year as weather conditions and daylight allow. Much as the renovation project allowed us to bring our home games to Andover, we expect that lighting the field will enable us to increase our use of the facility. This will be a boost not only for our team, but for the town as a whole, as more people spend more time in Andover.





**LIGHTING AFFILIATES LTD**  
1208 CROMWELL AVE  
ROCKY HILL, CT 06067-3436  
(Phn) (860) 721-1171  
(Fax) (860) 721-7093

**Quoted To:** Langley, Ric  
Lenco Electrical Contractors  
434 Wall Street  
Unit C  
HEBRON, CT 06248

**Job Name:** Riverside Drive Recreation Field Improvements

**Quote #:** 23-84007-0

**Quote Label:** Initial Version

**Job Location:** Andover, Connecticut

**Issue Date:** 8/17/2023

**Good Through:** 9/18/2023

**Quoted By:** Loda, Greg

Type	Qty	Manufacturer/Brand	Catalog #	Line Comment	Unit \$	Ext \$
<b>(3) PICKELBALL COURTS</b>						
NLS Lighting LLC			VUE-34X-SP-224L-70-50K7-UNV-KM-STDFIN-FSS			
NLS Lighting LLC			18 DEG TILT	TWIN IN-LINE ARM		
NLS Lighting LLC			ICAR-D-48-SR-STDFIN	30FT POLE		
NLS Lighting LLC			RSSP-30-SR-7G-12BC-ND-STDFIN	ANCHOR BOLT SET, 1" X 36" GALV WITH DOUBLE NUTS AND WASHERS		
NLS Lighting LLC			ANCHORSET00001			
<b>(3) PICKELBALL COURTS - Subtotal</b>						
<b>SOCCER FIELDS</b>						
NLS Lighting LLC			NV-F5-15-805W-1-50K-UNV-TM-NGC-STDFIN-NA			
NLS Lighting LLC			SLS-X5-PX-DC-N-LENGTH-X-GALV	5 FIXTURE CROSS ARM		
NLS Lighting LLC			RTSP-37-7G-15BC-ND-STDFIN-125X40-GLV	37FT POLES		
<b>(3) SOCCER FIELDS - Subtotal</b>						

**Notes**

- \* ALL LAMPS & SPARES BY OTHERS UNLESS NOTED
- \* ALL PURCHASE ORDERS MUST BE ACCOMPANIED BY AN LAL QUOTE NUMBER
- \* THIS QUOTATION REPRESENTS OUR BEST INTERPRETATION OF INFORMATION RECEIVED BY THIS OFFICE.
- \* QUOTATION IS VOID IF CHANGED
- \* PRICING BASED ON MATERIALS SHIPPING INTO CT & WESTERN MASSACHUSETTS ONLY!
- \* ALL INVERTERS 5000 WATTS OR LESS ARE ALWAYS PLUS FREIGHT
- \* ALL CAT5 CABLE & RJ45 CONNECTORS ARE BY OTHERS.
- \* ESTIMATED LEAD TIMES SUBJECT TO CHANGE UPON RELEASE OF PO.
- \* ALL MANUFACTURERS ARE PLUS FREIGHT UNLESS OTHERWISE NOTED

# Quote

**Job Name:** Riverside Drive Recreation Field Improvements

**Quote #:** 23-84007-0

**Quote Label:** Initial Version

**Job Location:** Andover, Connecticut

**Issue Date:** 8/17/2023

**Good Through:** 9/18/2023

**Quoted By:** Loda, Greg



## Notes

- \* ALL QUOTES ARE VALID FOR 30 DAYS UNLESS TARIFFS ARE IMPLEMENTED
- \* ALL START-UPS REQUIRE MINIMUM 2-WEEKS NOTICE, AFTER RECEIPT OF COMPLETED FORMS (inverters, controls, etc.)
- \* FREIGHT ALLOWED ORDERS SHIP STANDARD CARRIER - NO LIFT GATE TRUCKS
- \* NO SPARES OR MAINTENANCE STOCK ARE INCLUDED UNLESS OTHERWISE NOTED
- \* ALL UPS, FEDEX, AND DHL SHIPMENTS WILL NOT HAVE A 24HR CALL BEFORE
- \* ANCHOR BOLTS CAN BE PRE SHIPPED BUT FREIGHT WILL BE CHARGED
- \* STANDARD FACTORY WARRANTIES APPLY UNLESS OTHERWISE NOTED
- \* ALL MADE TO ORDER(MTO) FIXTURES ARE NON-RETURNABLE
- \* ALL COUNTS RUN AND PATTERN INFORMATION IS BASED ON INFORMATION PROVIDED TO LAL WE ARE NOT RESPONSIBLE FOR TAKE OFFS
- \* DIGITAL CONTROLS SYSTEMS REQUIRE COMMISSIONING BY A FACTORY AUTHORIZED TECHNICIAN. WHERE APPLICABLE, THIS MANDATORY START-UP/TRAINING SERVICE IS LISTED IN THE BOM AND CANNOT BE WAIVED.

## Freight/Order Terms

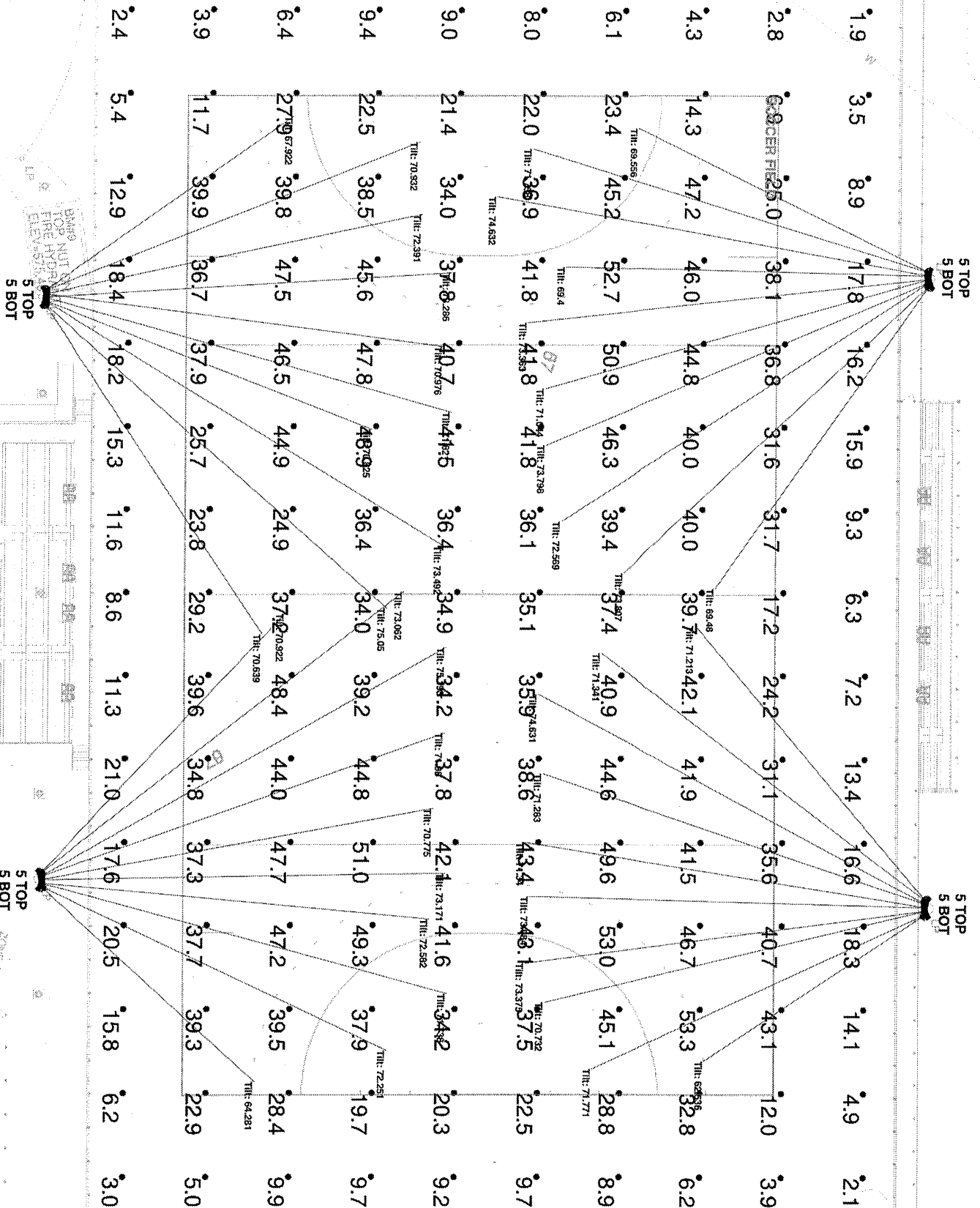
NLS Lighting LLC:

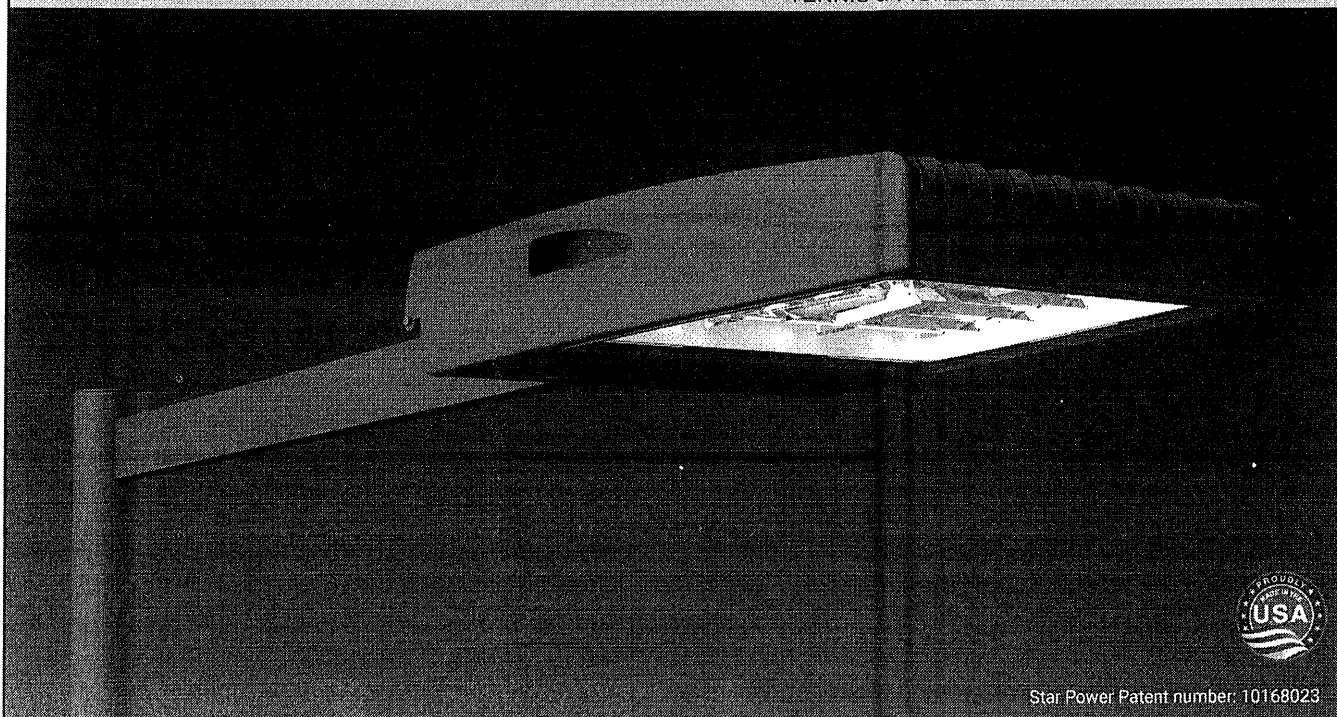
Freight Minimum:

\$3,000

Qualifies: Yes

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE CALCS	Illuminance	Fc	28.72	53.3	1.9	15.12	28.05
SOCCER FIELD	Illuminance	Fc	39.69	53.3	19.7	2.01	2.71





Star Power Patent number: 10168023

#### UNMATCHED PERFORMANCE

VUE-34X @ 648 Watts achieves United States Tennis Association "Level II" 75-Foot Candle Average with less than 1.75 Maximum to Minimum Uniformity in the extended Primary Playing Area with eight fixtures spaced thirty feet apart. Designed specifically for court lighting, the VUE-34X can replace 1000 watt metal halide traditional court fixtures at 45% less energy and provide 3-4 times the existing light levels evenly across the court using the same existing fixture arms and poles. VUE-34X has a 30% or greater photometric light level advantage compared to competitors at the same wattage across the court.

#### GLARE & LIGHT TRESPASS SENSITIVITY

The VUE-34X fixture creates one of the most environmentally sensitive courts in the nation. VUE-34X recesses & conceals its light source 3 inches above the bottom plane of the fixture eliminating neighborhood & dark sky glare.

Player Disability Glare is significantly reduced as well, enabling players to compete at their highest level. VUE-34X is endorsed by Dr. David Crawford, Founder of the International Dark Sky Association.

#### TRACK RECORD

The VUE fixture is one of Americas most prolific court fixture, having been installed in over 300 of the most prestigious tennis/pickleball multi-courts around the nation.

#### RELIABILITY

VUE-34X is Made in America. The VUE-34X is Die Cast, 3G Vibration Rated, IP66 Rated against Dust and water, L70 Depreciation Rated at more than 130,000 hours, IK08 Impact resistant, Low Iron Safety Glass Lens, 20kA Surge Protection Standard, and Powder Coated.

VUE-34X does not use Plastic Acrylic or Polycarbonate Lenses, which will yellow and cause rapid LED depreciation. Driver compartment & LEDs separate so heat from one does not depreciate the life and output of the other.

#### SERVICE

Cost Competitive, Supply Chain Friendly, and short Shipping Lead Times in Days & Weeks.

#### PRODUCT & SPECIFICATION FEATURES

- Ideal and Traditionally Designed for Tennis Clubs, Pickleball Clubs, Universities, High Schools, Residential Community Centers, Public Parks, and Private Homes
- Replaces VUE-3 & VUE-4 with 30% increased performance & better uniformity
- VUE-34X (up to 87,000 Lumens, Weight 58 lbs, EPA: 1.04) uses the patented Star Power™ Optic System for Reduced Glare and Improved Uniformity
- Optimized Sports Optic for Tennis and Pickleball
- 192L and 224L LED Configurations
- 4000K or 5000K CCT Multichip High Power 70 CRI LEDs standard
- IP66 Rated Against Dust & Water Ingress
- IK08 Rated for Impact Protection
- 20kA Surge Protection Standard (120V-480V)
- Highest quality 0-10V Programmable, Dimming LED Drivers
- Driver Compartment physically separated from LED Light Source
- Easy to Retrofit VUE-34X can slip over any existing tennis arm or bolt to any existing pole with a 1.5G to 3G Vibration Rated Mounting
- Pole, Straight Rectangular Tennis Arm, radius Davit Arm, Bolt-on Architectural Sweep Arm, Knuckle Mount, and Trunnion Mount are available with the same finish
- Ten Standard Finishes, Marine Grade Finish, and Custom Finish Available
- Available with NLS Step Dimming and Motion Sensing Controls for additional energy savings, neighborhood compliance, party atmosphere, or to maintain initial light level throughout the life of the product (Details Below)
- Die-Cast Aluminum Housing
- Environmentally Friendly Product Which Reduces Energy Consumption
- L70 Depreciation Factor > 120,000 hours (depreciates up to four times slower than import fixtures)
- Patented VUE-34X Concealed optical system is hidden from sight from neighbors, wildlife, & the dark sky and is the least glary fixture for players to compete under
- Buy America(n) VUE-34X is completely designed, fabricated, powder coated, and assembled in the USA
- \*Contact Factory for custom BKGN (Black/Green) Architectural Finish
- Experienced in-house Tennis and Pickleball design team will layouts and photometric design at no charge based on USTA and National Pickleball Association Published Lighting Criteria

Project Name:

Type:

## VUE-34X ORDERING GUIDE

Cat#	Light Dist.	No. of LEDs	Watts	Kelvin
VUE-34X (VUE-34X)	Type SP (SP)	192 (192L)	414W (41) 503W (50) 577W (57) 621W (62) 648W (64)	4000K, 70 CRI (40K7) ① 5000K, 70 CRI (50K7) ①
		224 (224L)	706W (70)	

Volts	Mounting	Color	CONTROLS	Options
120-277 (UNV)	Tennis Arm Mount (TA)	Bronze Textured (BRZ)	Nema 7-Pin Receptacle (PE7)	Bird Spikes (BS)
347-480 (HV)	Davit Arm Mount (DAM)	White Textured (WHT)	Receptacle + Shorting Cap (PER)	Marine Grade Finish (MGF)
	Knuckle Mount (KM)	Smooth White Gloss (SWT)	FSP-221 with Motion Sensor (120-480V) (FSP-20)	Round Pole Adapter 3"-4" Pole (RPA4) ②
	Trunnion Mount (TM) ③	Silver (SVR)	*9'-20" Heights (FSP-40)	Round Pole Adapter 5"-6" Pole (RPA5) ②
	Architectural Sweep Arm (ASA)	Black Textured (BLK)	*21'-40' Heights	Front Side Shield (FSS)
	Direct Pole 6" Arm Single, D180 (DPS6) ④	Smooth Black Gloss (SBK)	Motion Sensor Control FSIR-100 Remote (FSIR) ⑤	House Side Shield (HSS)
	Direct Pole 11" Arm D90, T90, T120, Quad (DPS11) ④	Graphite Textured (GPH)		
	Wall Mount (WM)	Grey Textured (GRY)		
		Green (GRN)		
		Hunter Green (HG)		
		Custom (CS)		

## Notes:

- ① Standard finish is stainless steel. Can be painted to match fixture
- ② For Round Pole Specify RPA4 or RPA5
- ③ Direct Pole Mount, Architectural Sweep Arm Mount only
- ④ Consult Factory for other CCT options
- ⑤ Consult Factory for Control Options
- ⑥ One remote is required per site

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## PRODUCT SPECIFICATIONS

### ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is  $\geq .95$ , THD maximum load is 15%
- LED Drivers Ambient Temp. Min is -40°C and Ambient Temp. Max ranges from 50°C to 55°C and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All internal wiring UL certified for 600 VAC and 105°C
- All drivers, controls, and sensors housed in separate IP66 compartment
- CRI 70
- Color temperature: 4000K, and 5000K available
- Surge Protection: 20kA supplied as standard.

### CONSTRUCTION

- Die Cast Aluminum
- External cooling fins
- Corrosion resistant external hardware
- One-piece silicone gasket ensures IP66 seal for electronics compartment

### OPTICS

Recessed Star Power™ Optical System is 95% reflective material. Utilizes a linear diffused pattern, softening the light distribution and eliminating any dark shadows or striations.

### CONTROL OPTIONS

#### CONTROL OPTIONS & FEATURES

- FSP-221 (FSP-X) - Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- \* Party Setting Available (10% output) Consult Factory
- \* Can maintain constant foot candles over time. Consult Factory
- FSP-20 mounting heights 9-20 feet
- FSP-40 mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field. Programmable remote must be purchased separately.
- FSIR-100 commissioning remote is required to change sensor settings. Please contact factory for ordering.
- Controls Agnostics: Please contact factory for your preferred controls option.
- NEMA 7-PIN RECEPTACLE (PE7) - An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.
- RECEPTACLE + SHORTING CAP (PER) - 7-Pin Receptacle and Shorting Cap.

### OPTIONS

- BIRD SPIKES (BS) - Offer an effective and humane deterrent for larger bird species and provide a cost-effective long-term solution to nuisance bird infestations and to protect your property.
- MARINE GRADE FINISH (MGF) - A multi-step process creating a protective finishing coat against harsh environments. Chemically washed in a 5-stage cleaning system. Pre-baked, Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.
- ROUND POLE ADAPTER (RPA) - When using round poles, specify Round Pole Adapter (RPA). Specify RPA4 when installing on 3"-4" round poles, and RPA5 when installing on 5"-6" round poles.
- House Side Shield (HSS) is designed for full property line cutoff.
- Front Side Shield (FSS) is designed to reduce glare.

### FINISH

- 3-5 mils electrostatic powder coat.
- NLS Lighting standard high-quality finishes prevent corrosion, and protects against extreme environmental conditions.

### WARRANTY

Five-year limited warranty for drivers and LEDs.  
Consult Factory for 7 or 10 year warranty

### LISTINGS

- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0
- IP66 Rated Fixture
- 1.5G Vibration Rated - Knuckle Mount
- 1.5G Vibration Rated - Direct Pole Mount
- 3G Vibration Rated - Trunnion Mount
- IK08 Rated
- \* DLC Pending
- \* USTA Approved Pending



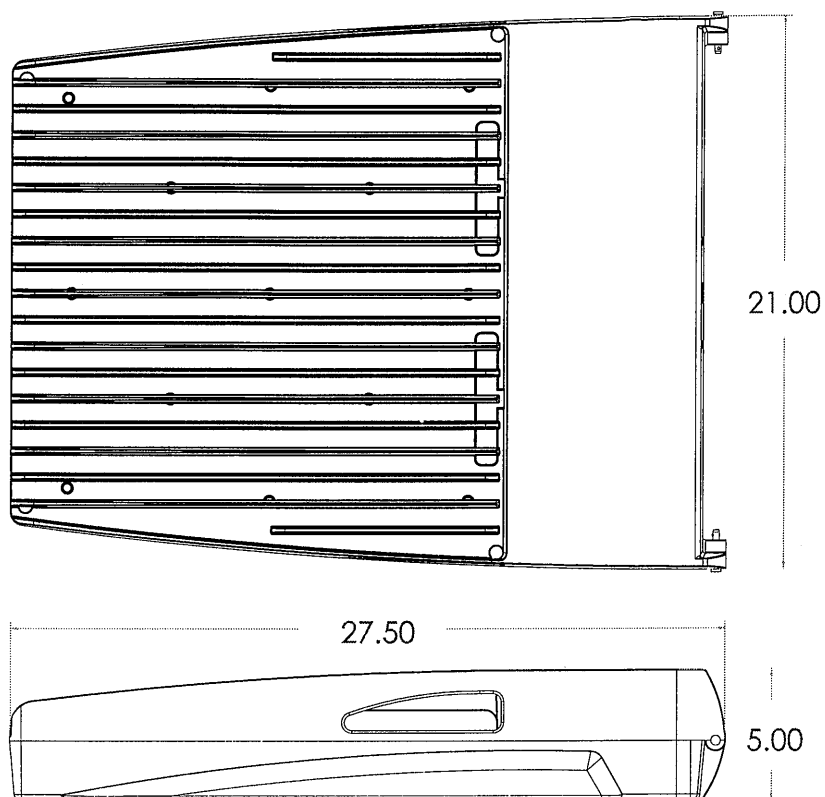
The information and specifications on this document are subject to change without any notification. All values are design, nominal, or typical or prorated values when measured under internal and external laboratory conditions.

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## PRODUCT SPECIFICATIONS



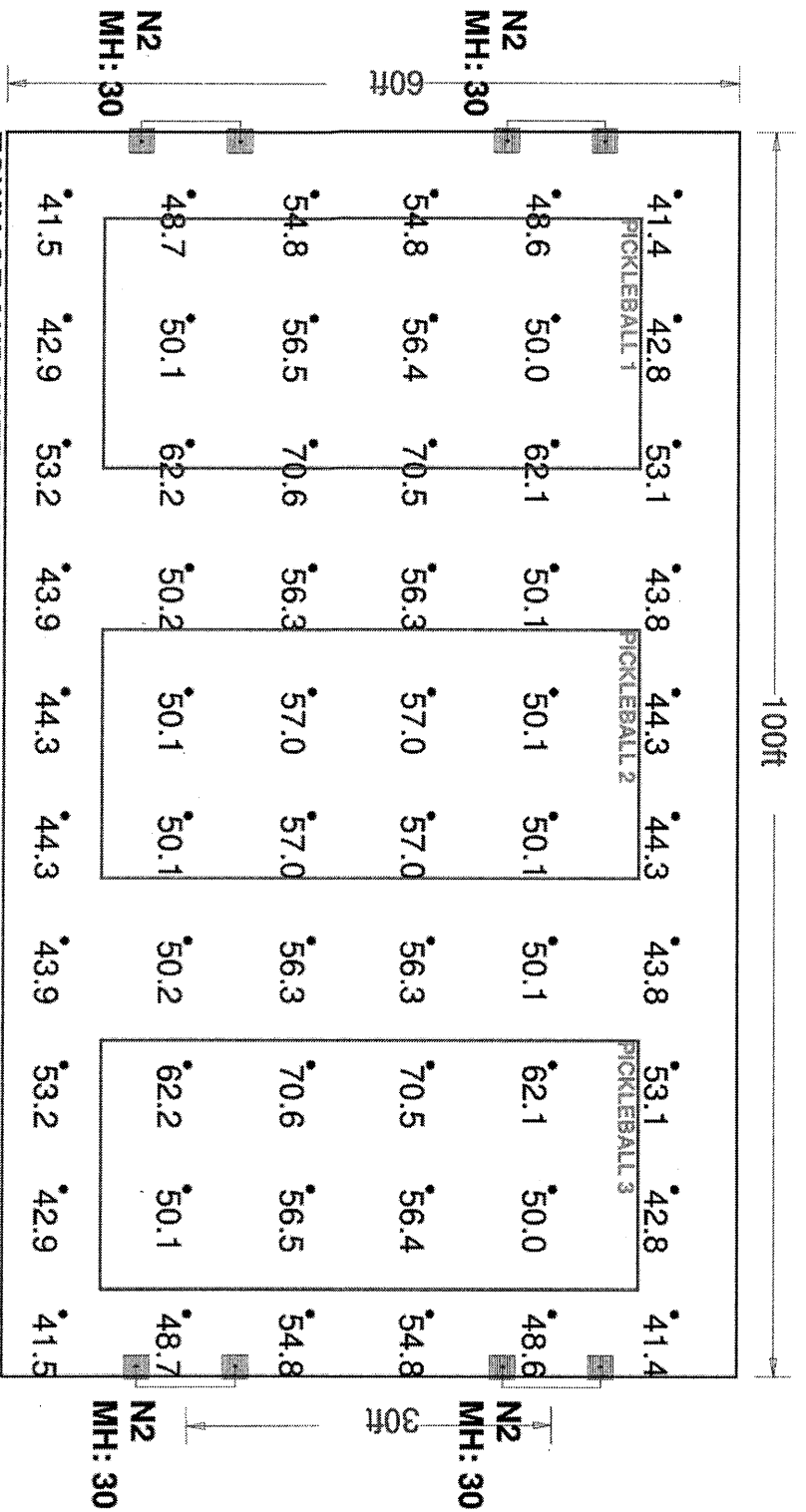
**Weight: 58 lbs**

## PRODUCT SPECIFICATIONS

Lumens				
Part Number	SP Lumens	LM/W	BUG	Watts
VUE-34X-SP-192L-41-50K7	51159	124	B4-U0-G4	414
VUE-34X-SP-192L-50-50K7	62121	124	B4-U0-G4	503
VUE-34X-SP-192L-57-50K7	71257	124	B4-U0-G5	577
VUE-34X-SP-192L-62-50K7	76738	124	B4-U0-G5	621
VUE-34X-SP-192L-64-50K7	79041	122	B5-U0-G5	648
VUE-34X-SP-224L-70-50K7	87361	124	B5-U0-G5	706

Lumen Maintenance Data							
Ambient Temperature	Drive Current	L90 Hours*	L70 Hours**	30,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours**
25°C	Up to 700mA	58,000	173,000	95.7%	91.6%	89.6%	82.1%
	1050mA	43,000	117,000	93.9%	87.8%	84.9%	74.2%
*Reported extrapolations per IESNA TM-21				**Projected extrapolations per IESNA TM-21			





Luminaire Schedule							
Symbol	Qty	Label	LLF	Arrangement	Description	Watts	MTG HT
☐	4	N2	1.000	Twin	VUE-34X-SP-224L-70-50K7W/ICAR-D FSS 18° TILT	706	30

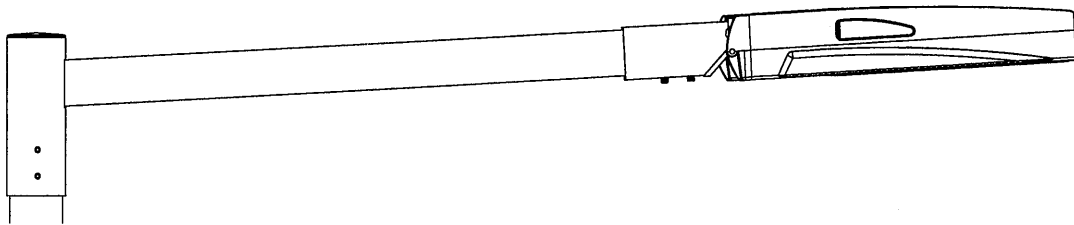
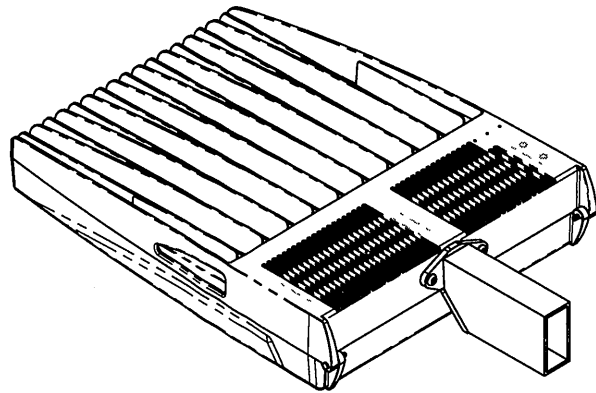
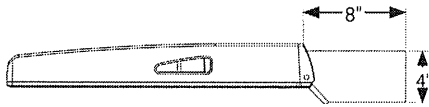
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE CALCS	Illuminance	Fc	52.12	70.6	41.4	1.26	1.71
PICKLEBALL 1	Illuminance	Fc	59.80	70.6	50.0	1.20	1.41
PICKLEBALL 2	Illuminance	Fc	53.55	57.0	50.1	1.07	1.14
PICKLEBALL 3	Illuminance	Fc	59.80	70.6	50.0	1.20	1.41

## MOUNTING OPTIONS

### TENNIS ARM MOUNT (TA)

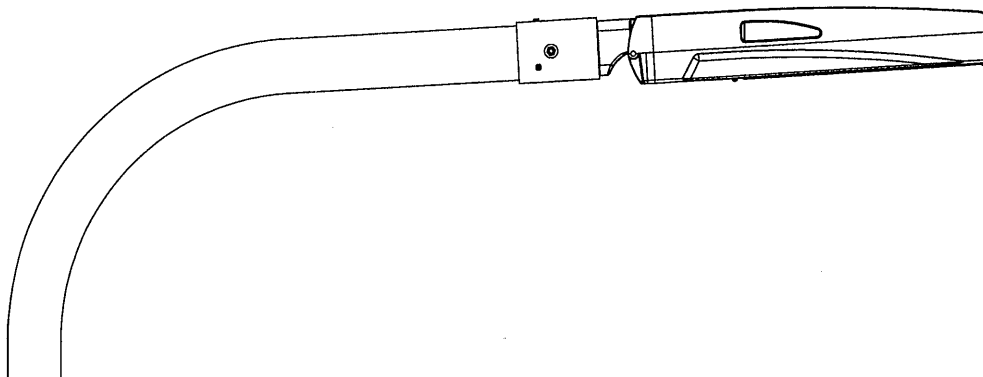
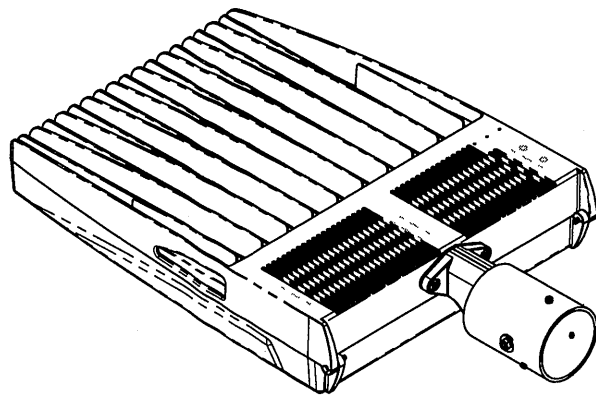
Steel fitter slips over 3.5" x 1.5" rectangular arm.

*\*See Tennis Arm Spec Sheet for details*



### DAVIT ARM MOUNT (DAM)

Steel fitter slips over 4" O.D.

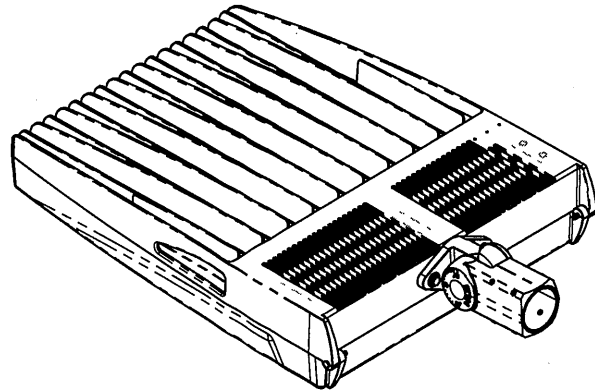
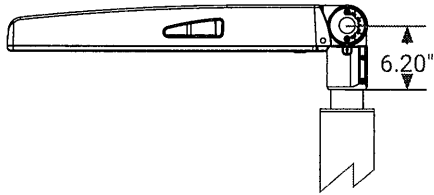


## MOUNTING OPTIONS

### KNUCKLE MOUNT (KM)

Die Cast Knuckle great for adjustable installation on 2-3/8" OD vertical or horizontal tenon.

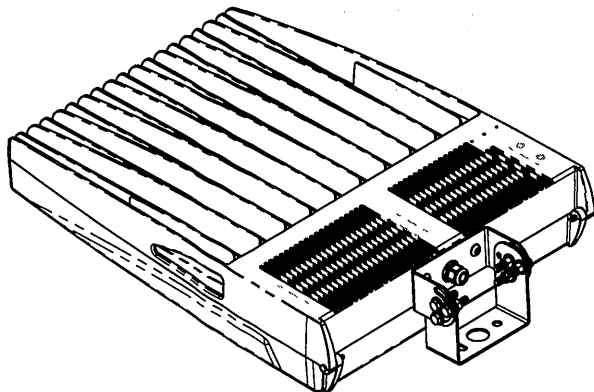
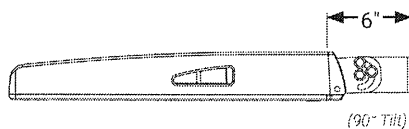
- Max Uplift of 70 degrees
- Adjustable in 6 degree increments



### TRUNNION MOUNT (TM)

Steel, bolt-on-mounting for adjustable installation with a maximum uplift of 70 degrees.

*\*Unpainted stainless steel is standard*



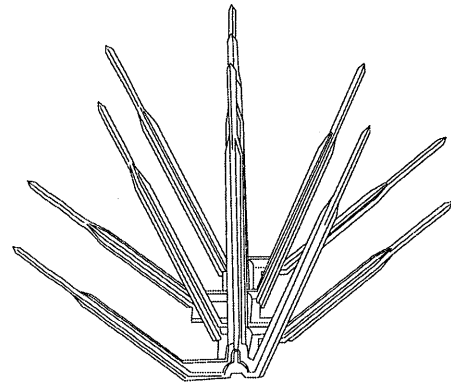
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### BIRD SPIKES (BS)

Bird Deterrent offers effective and humane deterrent for larger bird species and provides cost-effective long-term solution to nuisance bird infestations and protect your property.



### MARINE GRADE FINISH (MGF)

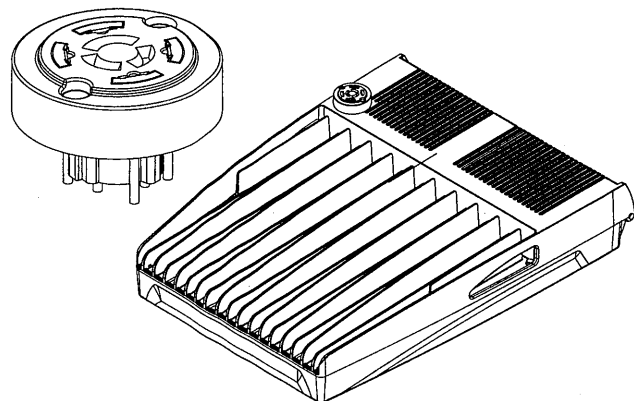


### Marine Grade Finish (MGF)

The **(MGF)** is a multi step process. Chemically washed in a 5 stage cleaning system. Pre-baked. Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.

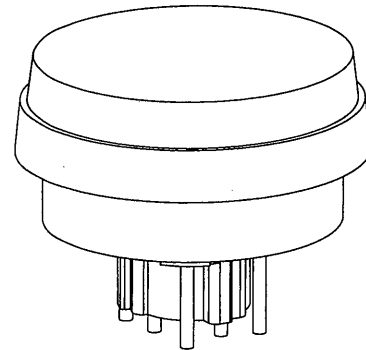
### NEMA 7-PIN RECEPTACLE (PE7)

An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.



## RECEPTACLE + SHORTING CAP (PER)

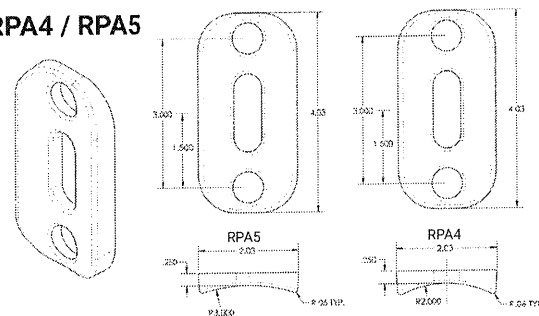
7-Pin Receptacle and Shorting Cap.



## ROUND POLE ADAPTER OPTIONS (RPA4) (RPA5)

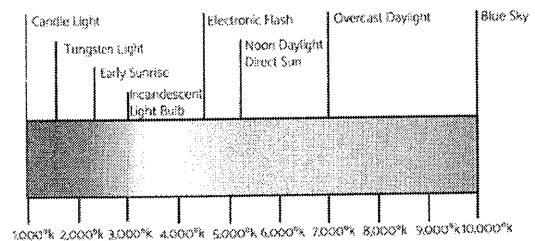
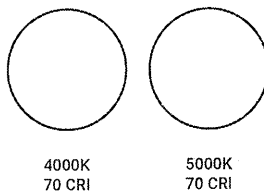
When using round poles, specify Round Pole Adapter (RPA). Specify RPA4 when installing on 3"-4" round poles, and RPA5 when installing on 5"-6" round poles.

### RPA4 / RPA5



## LED KELVIN

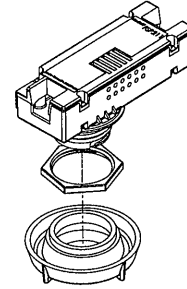
4000K or 5000K, is the ideal color temperature range for Tennis / Pickleball applications. The brightness is several times higher than traditional HID, also you can save up to 50-80% energy consumption and provide farther irradiation distance with more focused lighting with less fixtures.



## FSP-221 WITH MOTION SENSOR (FSP-XX)

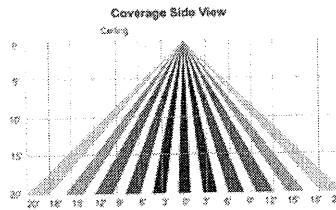
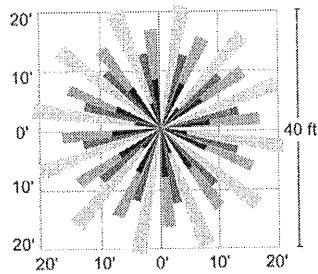
- FSP-221 (FSP-X)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-20HV mounting heights 9-20 feet
- FSP-40HV mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.
- FSIR-100 commissioning remote is required to change sensor settings. Please contact factory for ordering.

## FSP-221



### FSP-20HV

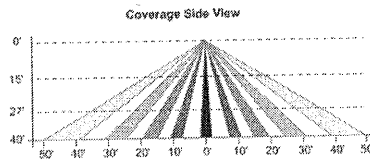
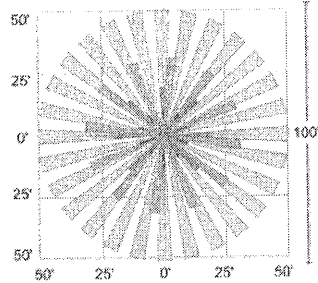
Coverage Top View @ 20 ft.



*N/A*

### FSP-40HV

Coverage Top View @ 40ft



## Sensor Specification




**Height**  
 20' - 39'

**Pole Shaft**

The pole shaft material is a weldable grade hot rolled commercial quality steel tubing with a minimum yield of 55,000 psi. Conforms to ASTM A500 Grade B Standards. Poles have ground lug welded inside hand-hole opposite side of the hand-hole. Pole shaft is welded to base plate on top and bottom of base plate.

**Base Plate**

The Base Plate is manufactured from structural hot rolled steel that meets or exceeds a minimum yield strength of 36,000 psi, conforms the ASTM-A36 standards. Base Plate is 1" thick.

**Anchor Bolts**

All anchor bolts are hot dipped galvanized steel and come with two galvanized nuts and washers per bolt. Minimum yield strength 50,000 psi. Anchor bolts are not included for Custom Bolt Circle.

**Base Cover**

All base covers are fabricated two-piece 6063 aluminum and powder coated to match the pole. Square base cover comes standard, Round Base Cover optional.

**Hand-Hole**

A reinforced hand-hole is 12" on center from the base plate and is constructed of 3"x 5" rectangular steel tubing which is welded to pole shaft for added strength. The hand-hole covers are provided with internal bridge support and powder coated to match pole finish.

**Pole Cap**

All poles come with a removable polymer pole cap installed. All pole caps are black finish.

**Finish**

All poles are treated with shot blast media for a near white finish, power blasted with 100 psi prior to powder coat application. Electrostatically applied polyester powder coat with a 3 to 5 mil thickness for maximum adherence.

**Marine Grade Finish**

All poles are washed through a 5-stage cleaning system with a deionized rinse, a 3 to 5 mils zinc rich durable polyester primer powder coat, followed by a 3 to 5 mils super durable polyester powder coat finish.

**Galvanized Finish**

All poles are Hot Dipped Galvanized in a multi stage process. Galvanizing Specification, Zinc (Hot Dipped Galvanized) per ASTM A 123/A 123M - 02

Zinc coatings on threaded materials shall conform to specification A 153 /A 153M. The coating shall be continuous and reasonably smooth and uniform in thickness and in weight.

Galvanizing Adherence - The Zinc coating shall withstand handling consistent with the nature and thickness of the coating and normal use of the article without peeling or flaking.

**Galvanized Under Powder**

Galvanized Under Powder (GUP) adheres to above galvanized specification, and the second stage is a light sand blast on the outside of the pole, third stage is a 3-5 mils polyester powder coat finish for maximum adherence.

**Vibration Dampener**

The Vibration Dampener is factory installed. The Vibration Dampener consists of a rugged galvanized chain coated with heavy duty polyester tubing that is factory secured at the bottom 2-3rds of the pole and field secured by contractor at the base during installation.

Project Name:

Type:

**RTSP ORDERING GUIDE**

Cat#	Height	Gauge	Base Pattern	Mounting
Round Tapered Steel Pole (RTSP)	20' (20) 25' (25) 30' (30) 35' (35) 39' (39)	.120 Wall Thickness (11G)  .180 Wall Thickness (7G)	(22'-30') 12-3/4" Bolt Circle (12BC)  Custom Bolt Circle (CBC) <i>* Consult Factory</i>	Single (SGL)  Double (D-90) (D-180)  Triple (T-90)  Quad (QD)  No Drill (ND) <i>*Tenon Option</i>
				<b>Tenon</b>  2 3/8" Round (T2R)  3" Round (T3R)

Color	Bolts	Options
Bronze Textured (BRZ)  White Textured (WHT)  Smooth White Gloss (SWT)  Silver (SVR)  Green Textured (GRN)  Hunter Green Textured (HGN)  Black Textured (BLK)  Smooth Black Gloss (SBK)  Graphite Textured (GPH)  Grey Textured (GRY)  Custom (CS)	1" x 36" (136)  Less Anchor Bolts (LAB)	GFI Kit (GF120A) 20 Amp Weather Proof Receptacle  GFI Provision Only (PROV)  Galvanized (GLV)  Round Base Cover (RBC) <i>*Consult Factory for Pricing</i>  Galvanized Under Powder (GUP)  1/2" Coupling (COUP) <i>* Specify Location</i>  Vibration Dampener (VD)  Extra Hand Hole (XHH) <i>* Specify Location</i>  Marine Grade Finish (MGF)

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Max. allowable EPA - RTSP poles (per AASHTO LRFDLTS-1)

Catalog Number	Shaft Length, ft	Wall thickness, in.	Shaft dia., in.	Base Plate, in.	Bolt Circle, in.	Bolts	80 mph	Max. wt. (lb)	90 mph	Max. wt. (lb)	100 mph	Max. wt. (lb)	110 mph	Max. wt. (lb)	115 mph	Max. wt. (lb)	120 mph	Max. wt. (lb)	130 mph	Max. wt. (lb)	140 mph	Max. wt. (lb)	150 mph	Max. wt. (lb)	160 mph	Max. wt. (lb)	170 mph	Max. wt. (lb)	180 mph	Max. wt. (lb)
RTSP-20-11G-12BC-136	20	0.120	6-3/8	12" sq. X 1"	12-3/4	1"X36"	25.0	625	25.0	625	25.0	625	23.5	588	21.9	548	19.3	483	16.1	403	13.3	333	11.7	293	10.1	253	8.9	223	7.5	188
RTSP-20-7G-12BC-136	20	0.188	6-3/8	12" sq. X 1"	12-3/4	1"X36"	25.0	625	25.0	625	25.0	625	25.0	625	25.0	625	25.0	625	25.0	625	22.1	553	19.1	478	16.7	418	14.7	368	12.7	318
RTSP-25-11G-12BC-136	25	0.120	7-1/8	12" sq. X 1"	12-3/4	1"X36"	25.0	625	25.0	625	22.3	558	17.5	438	15.3	383	13.9	348	11.3	283	9.1	228	7.9	198	6.5	163	5.5	138	5.1	128
RTSP-25-7G-12BC-136	25	0.188	7-1/8	12" sq. X 1"	12-3/4	1"X36"	25.0	625	25.0	625	25.0	625	25.0	625	25.0	625	24.3	608	20.1	503	16.9	423	14.5	363	12.5	313	10.9	273	9.5	238
RTSP-30-11G-12BC-136	30	0.120	7-3/4	12" sq. X 1"	12-3/4	1"X36"	25.0	625	25.0	625	20.3	508	15.7	393	13.9	348	12.1	303	9.9	248	7.9	198	6.9	173	5.9	148	4.7	118	4.3	108
RTSP-30-7G-12BC-136	30	0.188	7-3/4	12" sq. X 1"	12-3/4	1"X36"	25.0	625	25.0	625	25.0	625	25.0	625	25.0	625	23.3	583	18.9	473	15.9	398	13.9	348	11.7	293	10.1	253	9.1	228
RTSP-35-11G-12BC-136	35	0.120	8-3/8	12" sq. X 1"	12-3/4	1"X36"	25.0	625	23.1	578	16.9	423	12.7	318	11.1	278	9.9	248	8.1	203	6.5	163	5.1	128	4.5	113	3.7	93	3.1	78
RTSP-35-7G-12BC-136	35	0.188	8-3/8	12" sq. X 1"	12-3/4	1"X36"	25.0	625	25.0	625	25.0	625	20.9	523	18.9	473	16.7	418	13.9	348	11.3	283	9.5	238	8.1	203	7.1	178	6.1	153
RTSP-39-11G-12BC-136	39	0.120	9-1/8	12" sq. X 1"	12-3/4	1"X36"	25.0	625	23.1	578	16.9	423	12.7	318	11.1	278	9.9	248	8.1	203	6.5	163	5.1	128	4.5	113	3.7	93	3.1	78
RTSP-39-7G-12BC-136	39	0.188	9-1/8	12" sq. X 1"	12-3/4	1"X36"	25.0	625	25.0	625	24.5	613	19.1	478	16.7	418	14.9	373	11.9	298	9.9	248	8.5	213	6.9	173	6.1	153	4.9	123
RTSP-39-7G-15BC-136	39	0.188	9-1/8	15" sq. X 1"	15	1.25"X40"	25.0	625	25.0	625	25.0	625	23.9	598	21.3	533	19.1	478	15.5	388	13.3	333	10.9	273	9.3	233	7.9	198	6.7	168

\*Pole Assemblies With EPA>9.0 Require Specific Review

**CAUTION:** Installation of poles without luminaire(s) will compromise pole strength. Any accessories attached to the pole, or other modifications done in the field, will compromise the pole strength and may result in pole failure. Wind load evaluations and provisions for appendages such as banner arms, signage, cameras, etc., must be evaluated and approved by the factory prior to placing an order. Additional evaluation and approval should be performed by the customer's local structural engineer on the project.

\*Anchor Bolts are NOT included with Custom Bolt Circle.  
\*Do NOT pour concrete referencing this drawing. Consult Factory.  
\*Must Specify 4-Bolt Pattern.

\*All wind loading calculations are based on sustained wind force plus an additional 1.3 gust.

## MOUNTING CONFIGURATION



Single  
(SGL)



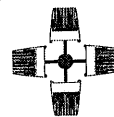
Double  
(D-90)



Double  
(D-180)



Triple  
(T-90)



Quad  
(QD)

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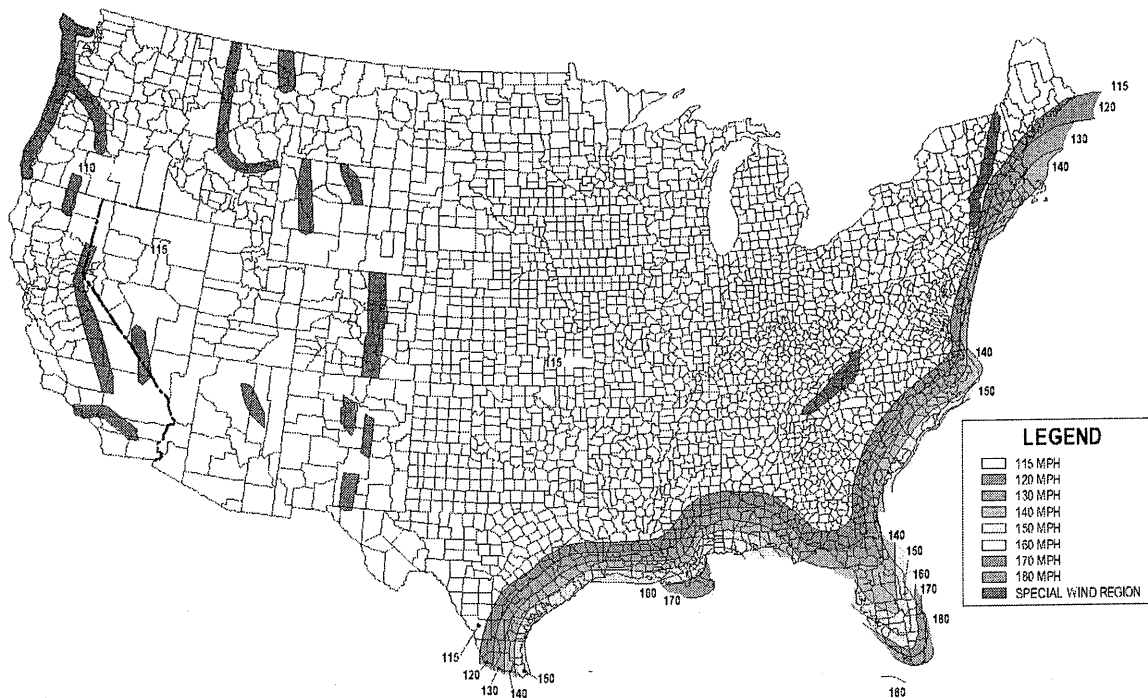
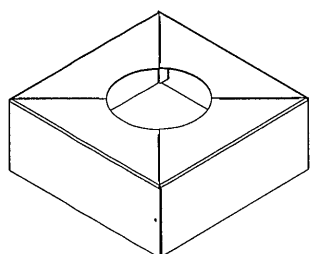
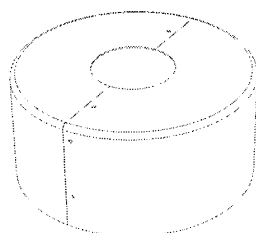


FIG. 3.8-1b - 700-Year MRI Basic Wind Speed, mph (AASHTO LRFDLTS-1)

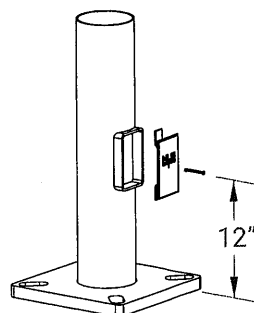
- 1) All wind load calculations are based on sustained wind force plus an additional 1.3 gust
- 2) Wind Map is to be used as a reference only. Please coordinate with local agencies for further review.
- 3) Wind Map values are based on a 50 year mean recurrence. These values do not account for severe conditions, such as hurricanes, tornadoes, etc...
- 4) For review of poles with additional configurations (arms, banners, shorter/longer pole lengths, etc...), please contact factory.



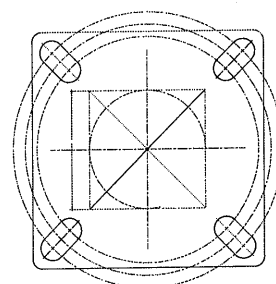
Base Cover



Optional Round  
Base Cover



Base Detail



12" Base Detail

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