



DATE: MAY 5, 2016

**RE: BID NO. 2016-4
TRACK AND FIELD IMPROVEMENTS
AT MASUK HIGH SCHOOL
1014 MONROE TURNPIKE
MONROE, CONNECTICUT
MMI #5660-02**

This Addendum No. 1 includes responses to questions received at the May 2, 2016 nonmandatory prebid walk-through, additional written questions submitted to Milone & MacBroom, Inc. (MMI) and/or the Town of Monroe Board of Education, and clarifications and revisions to the Project Manual and Drawings. Modifications are hereby made to the Project Manual dated April 25, 2016 for the above-referenced project.

PREBID CONFERENCE: MAY 2, 2016

Walk-through attendee sign-in sheet, meeting agenda, and questions from the prebid meeting are included herewith as part of this Addendum No. 1.

QUESTIONS AT PREBID MEETING

- Q1. Which side are the two additional lanes being added?
- R1. The two additional lanes will be on the west side of the track in front of the grandstands.**
- Q2. Who is responsible for the utility connection fees and coordination?
- R2. We have had preliminary contact and coordination with Eversource. The contractor will be responsible for all the remaining coordination for the service upgrade. The owner will pay the utility company's fee without any contractor markup. The contractor will provide all necessary labor and materials to perform the work.**
- Q3. Will we provide contacts for the utility coordination?
- R3. The electrical utility for the electrical service upgrade is Eversource – contact Walt Moskaluk, 203-270-5830.**
- Q4. If Bid Alternate No. 3: New Athletic Field Lighting System is selected but Bid Alternate No. 2: New Audio System is not, then how will we handle the existing light pole mounted audio speakers?
- R4. A temporary solution will be coordinated with the contractor if this sequence of alternates occurs.**
- Q5. What is the budget for the project?
- R5. The town has agreed to bond \$1.7M for the project.**

CLARIFICATIONS PROVIDED AT PREBID MEETING

1. The topsoil from the existing field shall remain the property of the owner. The contractor is to remove the topsoil and transport it to the parking lot on the south side of the school as depicted in SK-2.
2. Plans and specifications are available from Gabriella DiBlasi for \$40 at the Monroe Public Schools's office.

PROJECT MANUAL

1. Remove the following Section in its entirety in the Project Manual and replace with the attached Section: **Section 26 56 68 EXTERIOR ATHLETIC LIGHTING**. (Revisions to this Section include clarification regarding luminaires, pole height, and the removal of text referencing base plates.)
2. The Town Attorney prepared the attached Supplemental Legal Terms for the project. The parties shall agree that if there is any conflict between the language of the Request for Proposal and this Bid Addendum that the language of the Bid Addendum will prevail.

DRAWINGS

1. The electrical plans have been modified to include some additional conduit and a revised electrical service upgrade design.
2. A temporary storm drainage outlet riser has been detailed for the two existing outlet pipes from the field as depicted in SK-1. This detail should replace the note on the Grading Sheet, which stated, "Block existing outlet from field during construction."

OTHER INFORMATION

1. Addendum No. 2 will be issued on Monday, May 9, 2016. Please check the town's website for updates. This addendum will include the selected turf manufacturer and associated bid numbers.
2. Attached is the local Inland Wetlands Commission's approval for this project. The contractor will be responsible for complying with the stipulations highlighted in the attached approval.
3. The bid proposal form has been revised and is included in this addendum. We are requesting unit pricing for potential bituminous crack sealing around the exterior of the track and potential bituminous/track repairs where the track has minor cracks/heaves.

THIS ENDS ADDENDUM NO. 1

Enclosures

5660-02-m416-rpt

SUPPLEMENTAL LEGAL TERMS FOR PROJECT

The following Bid Addendum shall be added to and made a part of the Request for Proposals #2016-4/Track and Field Improvements at Masuk High School dated April 25, 2016 as it pertains to services and/or construction work by the successful bidder to the Town of Monroe and/or the Monroe Board of Education as it pertains to the track and field improvements at Masuk High School located in the Town of Monroe. The parties agree that if there is any conflict between the language of the Request for Proposal and this Bid Addendum that the language of the Bid Addendum will prevail. The following is hereby incorporated into the aforesaid Request for Proposals #2016-4:

1. **FUNDING:** This Agreement shall remain in full force and effect only as long as the expenditures provided for in the Agreement have been appropriated by the Town in the annual budget and/or bond funding approval and receipt for each fiscal year of this Agreement, and is subject to termination based on lack of funding.

2. **ATTORNEY'F FEES:** In the event of any legal action to enforce the terms of this Agreement, each party shall bear its own attorney's fees and costs, except as follows. If the Contractor defaults in his obligations under this Agreement, the Town will be entitled to reasonable attorney's fees and costs of collection.

3. **GOVERNING LAW:** This Agreement shall be governed, interpreted and construed according to the laws of the State of Connecticut.

4. **VENUE:** Venue for any legal action by any party to this Agreement to interpret, construe or enforce this Agreement shall be in a court of competent jurisdiction in and for Fairfield County, Connecticut, and any trial shall be non-jury.

5. **TERMINATION:** This Agreement may be terminated by the Town for convenience, upon thirty (30) days of written notice to Contractor. In such event, the Contractor shall be paid its compensation for services performed prior to the termination date. However, there is no obligation on the part of the Town to pay for work performed by the Contractor that does not meet the requirements of this Agreement due to the fault or negligence of Contractor. In the event that the Contractor abandons this Agreement or causes it to be terminated, Contractor is liable to the Town for any and all loss pertaining to this termination.

6. **INSURANCE:** The Contractor, at its own expense, shall purchase and maintain such commercial (occurrence form) or comprehensive general liability, workers compensation, professional liability, and other insurance as is appropriate for the services being performed hereunder by Contractor, its employees or agents. The amounts and types of insurance shall conform to the following minimum requirements:

a. **Comprehensive General Liability Insurance:** General Liability Insurance Issued by responsible insurance companies and in a form acceptable to the Town, with combined single limits of not less than Two Million Dollars (\$2,000,000) for Bodily Injury and Property Damage, per occurrence; Three Million Dollars (\$3,000,000) general aggregate.

b. **Comprehensive Automobile Liability Insurance:** Automobile Liability coverage shall be in the minimum amount of Two Million Dollars (\$2,000,000) combined single limits for Bodily Injury and Property Damage per accident.

c. **Worker's Compensation Coverage:** Full and complete Workers' Compensation Coverage, as required by the State of Connecticut, shall be provided.

d. **Insurance Certificates:** The Contractor shall provide the Town with Certificate(s) of Insurance on all the policies of insurance and renewals thereof in a form(s) acceptable to the Town. Said Liability Policies shall provide that the Town be an additional insured. The Town shall be notified in writing of any reduction, cancellation or substantial change of policy or policies at least thirty (30) days prior to the effective date of said action. All insurance policies shall be issued by responsible companies who are acceptable to the Town and licensed and authorized under the laws of the State of Connecticut.

7. The Contractor agrees that it is in compliance with the additions and requirement of Section 4a-100 of the Connecticut General Statutes.

8. The Contractor represents and confirms that _____ has never been on the State Department of Labor Contractor Disqualification list per Connecticut General Statute Sections 31-53a and Section 37-57(c). The Contractor agrees that its failure to provide proper information or representations or documentation in regard to this requirement shall be an immediate ground for termination and the Town shall not be responsible for any expenses associated with this project that may have been incurred by the contractor.

9. The Contractor shall provide a performance bond and a labor and material payment bond per Connecticut General Statutes 49-41 and any Surety Bond required under the terms of this Agreement shall contain mandatory language contained in Connecticut General Statutes 49-41(f).

10. Any language in this Agreement as to change order approval shall contain language that any agreed-upon date for the extension of the contractual compliance, if any, is also included in the change order to avoid later disputes.

11. The Contractor represents that all municipal land use permits and approvals by the appropriate agencies of the Town of Monroe have been obtained prior to the execution of this agreement. It is the responsibility of the Contractor to obtain all required building permits prior to the start of construction, or as required, by the Town of Monroe.

The parties also acknowledge that the Contract for the work to be performed pursuant to this request for bids will not be signed and is contingent upon the appeal period for the Planning and Zoning Commission approval has passed.

12. The parties and the Contractor reaffirm that in the bid package that it received that the following is applicable to this Contract:

a. The Town will not intentionally award or enter into contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provision contained in 8 U.S.C. Section 1324A(e) Section 274 A9e) of the immigration and Nationality Act (INA).

b. The Town shall consider the Contractor's intentional employment of unauthorized aliens as grounds for immediate termination of this Agreement.

c. The Contractor represents further that the Contractor's and subcontractor's employees are treated equally during the hiring and employment in regards to race, color, religion, disability, sex, age, national origin, ancestry, or marital status.

13. The Contractor shall not engage the services of any person or persons now employed by the Town, including any department, agency, board or commission thereof, to provide services relating to this Agreement without the written consent of the Town.

This Addendum entered into on the _____ day of April, 2014.

Customer: Town of Monroe
By: Stephen J. Vavrek
First Selectman

Contractor:
By:
Title:

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BID ALTERNATE NO. 3

SECTION 26 56 68 EXTERIOR ATHLETIC LIGHTING

PART 1 – GENERAL

1.1 SUMMARY

- A. Work covered by this section of the specifications shall conform to the contract documents, engineering plans as well as state and local codes.
- B. The purpose of these specifications is to define the performance and design standards for Masuk High School. The manufacturer / contractor shall supply lighting equipment to meet or exceed the standards set forth in these specifications.
- C. Scope of Work- Furnish and install four new 80' base plate poles & foundations with new fixtures, crossarms, ballasts wiring harnesses and associated hardware.
- D. The sports lighting will be for the Multi-Use Field
- E. The primary goals of this sports lighting project are:
 - 1. Guaranteed Light Levels: Selection of appropriate light levels impact the safety of the players and the enjoyment of spectators. Therefore light levels are guaranteed to not drop below specified target values for a period of 25 years. Life-cycle Cost: In order to reduce the operating budget, the preferred lighting system shall be energy efficient and cost effective to operate. All maintenance costs shall be eliminated.
 - 2. Control and Monitoring: To allow for optimized use of labor resources and avoid unneeded operation of the facility, customer requires a remote on/off control system for the lighting system including all costs to monitor for 25 years. Fields should be proactively monitored to detect fixture outages over a 25-year life cycle. All communication costs shall be included in the bid.
 - 3. Environmental Light Control: It is the primary goal of this project to minimize spill light and glare to the players, spectators and adjoining properties

1.2 LIGHTING PERFORMANCE

- A. Performance Requirements: Playing surfaces shall be lit to an average target light level and uniformity as specified in the chart below. Lighting calculations shall be developed and field measurements taken on the grid spacing with the minimum number of grid points specified below. Average illumination level shall be measured in accordance with the IESNA LM-5-04. Light levels shall be guaranteed not to drop below desired target values from the first 100 hours of operation for the maximum warranty period of 25 years or 10,000 hours.
- B. Mounting Heights: To ensure proper aiming angles for reduced glare and to provide better playability, minimum mounting heights shall be 80. Ensure the top of the beam angle is a minimum of 10 degrees below horizontal.

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C. Lighting Methodology: There are two methods that will be considered for calculation of the lighting designs for this project. The approved Lighting Method #1, automated timed power adjustments, as described in C.1 utilizes methodology that adjusts light levels through a series of programmed adjustments. The alternate Lighting Method #2, straight depreciation, as described in C.2 uses continuous lamp lumen depreciation which is recovered by relamping and cleaning lenses of the luminaires. Both methods must be at or above target light values throughout the 25 years of the contract/warranty provided by the manufacturer. Scans shall reflect initial design lumens, end of life design lumens, recoverable light loss factor (RLLF), and the Coefficient Utilization (CU) for the design. A +/- 10% design/testing allowance is not acceptable.

1. Lighting Method #1: Automated Timed Power Adjustments:

- a. The lighting system shall use automated timed power adjustments to achieve a lumen maintenance control strategy as described in the IESNA Lighting Handbook 10th Edition, Lighting Controls Section page 16-8: "Lumen maintenance involves adjusting lamp output over time to maintain constant light output as lamps age and dirt accumulation reduces luminaire output. With lumen maintenance control, either lamps are dimmed when new, or the lamp's current is increased as the system ages."
- b. Independent Test Report: If lamp replacement interval is greater than 3,000 hours, manufacturer shall supply an independent test report with applicable recoverable light loss factors. Manufacturers bidding an automated timed power adjustment system must provide an independent test report certifying the system meets the lumen maintenance control strategy above and verifying the field performance of the system for the duration of the useful life of the lamp based on lamp replacement hours. Report shall be signed by a licensed professional engineer with outdoor lighting experience. If report is not provided at least 10 days prior to bid opening, the manufacturer shall provide the initial and maintained designs called for in this specification under Lighting Method #2: Alternate Manufacturers, section 1.2.C.2.
- c. Project References: Manufacturers bidding any form of Automated Timed Power Adjustment light system must provide a minimum of 10 project references within the state of Connecticut that have been completed within the last 12 months utilizing this exact technology. Manufacturer will include project name, project city, and if requested, contact name and contact phone number for each reference.

Area of Lighting	Average Target Light Levels	Maximum to Minimum Uniformity Ratio	Grid Points	Grid Spacing
Football/Soccer	50 footcandles	2.0:1.0	84	30' x 30'

2. Lighting Method #2 – Straight Depreciation

- a. Light Level Requirements: Manufacturer shall provide computer models and guarantee target light levels on the field over 25 years. The specified maximum Recoverable Light Loss Factor of 0.65 and maintenance/group relamping schedule shall be provided in accordance with recommendations in the Leukos Abstract Volume 6, Number 3, January 2010, page 183-201: "Light Loss Factors for Sports Lighting", and presented at the 2009 IESNA Annual Conference.

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For Lighting Method #2, scans for both initial and target light levels are required.

1500w Fixture RLLF Requirements

Lamp Replacement Interval (hours)	Recoverable Light Loss Factor (RLLF)
3000	.65

- b. Based on anticipated hours of usage (200 hours per year), Option #2 systems would require a minimum of 2 group lamp replacements over the 25 years. Data would reflect the actual RLLF adopted by the designer

Area of Lighting	Average Initial Light Levels	Average Target Light Levels	Maximum to Minimum Uniformity Ratio	Grid Points	Grid Spacing
Football/Soccer Field	76.9 footcandles	50 footcandles	2.0:1.0	84	30' x 30'

- c. Revised Electrical Distribution: Manufacturer shall provide revised electrical distribution plans to include changes to service entrance, panel, and wire sizing if exceed specified design loads.

1.3 LIFE CYCLE ENERGY COSTS

25 Year Life Energy Cost: Manufacturer shall submit 25-year life energy cost calculations as follows. If lamp replacement interval is greater than 3000 hours, manufacturer shall supply an independent test report with applicable recoverable light loss factors.

Lamp replacement schedule per charts below:

		Lighting Method 1	Lighting Method 2
a.	Luminaire energy consumption 52 luminaires x 1.56 kW demand per luminaire x .16 kWh rate x 200 annual usage hours x 25 years		
b.	Demand charges, if applicable	+	
	TOTAL 25 -Year Life Energy Operating Cost	=	

Lighting Method 1 Lamp Replacement	Lighting Method 2 Lamp Replacement
5,000 hour intervals	3,000 hour intervals

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PART 2 – PRODUCT

2.1 SPORTS LIGHTING SYSTEM CONSTRUCTION

- A. Manufacturing Requirements: All components shall be designed and manufactured as a system. All luminaires, wire harnesses, ballast and other enclosures shall be factory assembled, aimed, wired and tested.
- B. Durability: All exposed components shall be constructed of corrosion resistant material and/or coated to help prevent corrosion. All exposed carbon steel shall be hot dip galvanized per ASTM A123. All exposed aluminum shall be powder coated with high performance polyester or anodized. All exterior reflective inserts shall be anodized, coated, and protected from direct environmental exposure to prevent reflective degradation or corrosion. All exposed hardware and fasteners shall be stainless steel of 18-8 grade or better, passivated and coated with aluminum-based thermosetting epoxy resin for protection against corrosion and stress corrosion cracking. Structural fasteners may be carbon steel and galvanized meeting ASTM A153 and ISO/EN 1461 (for hot dipped galvanizing), or ASTM B695 (for mechanical galvanizing). All wiring shall be enclosed within the crossarms, pole, or electrical components enclosure.
- C. System Description: Lighting system shall consist of the following:
1. 4- 80' Galvanized steel base plate poles and crossarm assembly.
 2. ~~New crossarms and fixtures for existing poles F3 and F4.~~
 3. Non-approved pole technology. Square static cast poles will not be accepted. Direct bury steel poles which utilize the extended portion of the steel shaft for their foundation will not be accepted due to potential for internal and external corrosive reaction to the soils and long term performance concerns.
 4. Pre-stressed concrete base embedded in concrete backfill allowed to cure for 12-24 hours before pole stress is applied. Alternate may be an anchor bolt foundation designed such that the steel pole and any exposed steel portion of the foundation is located a minimum of 18 inches above final grade. The concrete for anchor bolt foundations shall be allowed to cure for a minimum of 28 days before the pole stress is applied.
 5. All luminaires shall be constructed with a die-cast aluminum housing or external hail shroud to protect the luminaire reflector system.
 6. Manufacturer will remote all ballasts and supporting electrical equipment in aluminum enclosures mounted approximately 10' above grade. The enclosures shall be touch-safe and include ballast, capacitor and fusing with indicator lights on fuses to notify when a fuse is to be replaced for each luminaire. Safety disconnect per circuit for each pole structure will be located in the enclosure. Integral ballast fixtures will not be accepted.
 7. Wire harness complete with an abrasion protection sleeve, strain relief and plug-in connections for fast, trouble-free installation.
 8. Controls and Monitoring Cabinet to provide on-off control and monitoring of the lighting system constructed of NEMA Type 4 aluminum. Communication method shall be provided by manufacturer. Cabinet shall contain custom configured contactor modules for 30, 60, and 100

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amps, labeled to match field diagrams and electrical design. Manual Off-On-Auto selector switches shall be provided.

9. Lightning Protection: Manufacturer shall provide integrated lightning grounding via concrete encased electrode grounding system as defined by NFPA 780 and be UL Listed per UL 96 and UL 96A. If grounding is not integrated into the structure, the Manufacturer shall supply grounding electrodes, copper down conductors and exothermic weld kits. Electrodes and conductors shall be sized as required by NFPA 780. The grounding electrode shall be not less than 5/8 inch diameter and 8 feet long, with a minimum of 10 feet embedment. Grounding electrode shall be connected to the structure by a grounding electrode conductor with a minimum size of 2 AWG for poles with 75 feet mounting height or less, and 2/0 AWG for poles with more than 75 feet mounting height.

D. Safety: All system components shall be UL listed for the appropriate application.

2.2 ELECTRICAL

A. Electric Power Requirements for the Sports Lighting Equipment:

1. Electric power: ~~208 Volt, 3 Phase~~ 240 Volt, Single Phase
2. Maximum total voltage drop: Voltage drop to the disconnect switch located on the poles shall not exceed three (3) percent of the rated voltage.

B. Energy Consumption: The average kW consumption for the field lighting system shall be 82 kW for metal halide fixtures in Lighting Method 1. Lighting Method 2 kW will be defined in Life Cycle calculation chart (1.3) using a RLLF of .65.

C. Revised Electrical Distribution: Manufacturer shall provide, at their cost, revised electrical distribution plans to include changes to service entrance, panel, and wire sizing if using Lighting Method 2.

2.3 STRUCTURAL PARAMETERS

A. Mounting Heights: To ensure proper aiming angles for reduced glare and to provide better playability, the minimum pole mounting heights from the playing field surface shall be as noted in Section 1.2.B. Higher mounting heights may be required based on photometric performance of manufacturer's luminaires to meet spill and glare requirements.

B. Support Structure Wind Load Strength: Poles and other support structures, brackets, arms, bases, anchorages and foundations shall be determined based on the IBC Building Code, wind speed of 110, exposure category C. Luminaire, visor, and crossarm shall withstand 150mph winds and maintain luminaire aiming alignment.

C. Structural Design: The stress analysis and safety factor of the poles shall conform to AASHTO, Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

D. Soil Conditions: The design criteria for these specifications are based on soil design parameters as outlined in the geotechnical report. If a geotechnical report is not provided by the owner, the

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foundation design shall be based on soils that meet or exceed those of a Class 5 material as defined by IBC.

It shall be the contractor's responsibility to notify the owner if soil conditions exist other than those on which the foundation design is based, or if the soil cannot be readily excavated. Contractor may issue a change order request / estimate for the owner's approval / payment for additional costs associated with:

1. Providing engineered foundation embedment design by a registered engineer in the State of Connecticut.
 2. Additional materials required to achieve alternate foundation.
 3. Excavation and removal of materials other than normal soils, such as rock, caliche, etc.
- E. Foundation Drawings: Project specific foundation drawings stamped by a registered engineer in the state where the project is located are required. The foundation drawings must list the moment, shear (horizontal) force, and axial (vertical) force at ground level for each pole. These drawings must be submitted at time of bid to allow for accurate pricing.

2.4 CONTROLS AND MONITORING

- A. Remote Monitoring System: System shall monitor lighting performance and notify manufacturer if individual luminaire outage is detected so that appropriate maintenance can be scheduled. The manufacturer shall notify the owner of outages within 24 hours, or the next business day. The controller shall determine switch position (Manual or Auto) and contactor status (open or closed)
- B. Remote Lighting Control System: System shall allow owner and users with a security code to schedule on/off system operation via a web site, phone, fax or email up to ten years in advance. Manufacturer shall provide and maintain a two-way TCP/IP communication link. Trained staff shall be available 24/7 to provide scheduling support and assist with reporting needs.

The owner may assign various security levels to schedulers by function and/or fields. This function must be flexible to allow a range of privileges such as full scheduling capabilities for all fields, to only having permission to execute "early off" commands by phone.

Controller shall accept and store 7-day schedules, be protected against memory loss during power outages, and shall reboot once power is regained and execute any commands that would have occurred during outage.

- C. Management Tools: Manufacturer shall provide a web-based database and dashboard tool of actual field usage and provide reports by facility and user group. Dashboard shall also show current status of lamp outages, control operation and service scheduling including relamping operations completed and scheduled.

Hours of Usage: Manufacturer shall provide a means of tracking actual hours of usage for the field lighting system that is readily accessible to the owner.

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1. Cumulative hours: shall be tracked to show the total hours used by the facility
 2. Current lamp hours: shall be tracked separately to reflect the amount of hours on the current set of lamps being used, so relamping can be scheduled accurately.
- D. Communication Costs: Manufacturer shall include communication costs for operating the controls and monitoring system for a period of 25 years.

PART 3 – EXECUTION

3.1 FIELD QUALITY CONTROL

- A. Delivery Timing Equipment On-Site: The equipment must be on-site 4-6 weeks from receipt of approved submittals and receipt of complete order information.
- B. Illumination Measurements: Upon substantial completion of the project and in the presence of the Contractor, Project Engineer, Owner's Representative, and Manufacturer's Representative, illumination measurements shall be taken and verified. The illumination measurements shall be conducted in accordance with IESNA LM-5-04. For Lighting Method 1, Timed Power Adjustment systems, light levels must be measured and exceed the specified target levels. For Lighting Method 2, light levels must be measured and meet the specified initial light levels.
- C. Field Light Level Accountability
1. Light levels are guaranteed not to fall below the target maintained light levels for the entire warrantee period of 25 Years.
 2. The contractor/manufacturer shall be responsible for an additional inspection one year from the date of commissioning of the lighting system and will utilize the owner's light meter in the presence of the owner.
 3. The contractor/manufacturer will be held responsible for any and all changes needed to bring these fields back to compliance for light levels and uniformities. Contractor/Manufacturer will be held responsible for any damage to the fields during these repairs.
- D. Correcting Non-Conformance: If, in the opinion of the Owner or his appointed Representative, the actual performance levels including foot-candles, uniformity ratios, and maximum kilowatt consumptions are not in conformance with the requirements of the performance specifications and submitted information, the manufacturer shall be liable to any or all of the following:
1. Manufacturer shall at his expense provide and install any necessary additional fixtures to meet the minimum lighting standards. The Manufacturer shall also either replace the existing poles to meet the new wind load (EPA) requirements or verify by certification by a licensed structural engineer that the existing poles will withstand the additional wind load.
 2. Manufacturer shall minimize the Owner's additional long term fixture maintenance and energy consumption costs created by the additional fixtures by reimbursing the Owner the amount of \$1,000.00 (one thousand dollars) for each additional fixture required.
 3. Manufacturer shall remove the entire unacceptable lighting system and install a new lighting system to meet the specifications

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3.2 25 YEAR WARRANTY

- A. Each manufacturer shall supply a signed warranty covering the entire system for 25 years or for the maximum hours of coverage based on the estimated annual usage, whichever occurs first. Warranty shall guarantee that the average light levels will not fall below target levels; lamp replacements; system energy consumption; monitoring, maintenance and control services, spill light control, and structural integrity. Manufacturer shall maintain specifically funded financial reserves to assure fulfillment of the warranty for the full term. Warranty may exclude fuses, storm damage, vandalism, abuse and unauthorized repairs or alterations.
- B. Preventative and Spot Maintenance: Manufacturer shall provide all preventative and spot maintenance, including parts and labor for 25 years from the date of equipment shipment. Individual lamp outages shall be repaired when the usage of any field is materially impacted. Owner agrees to check fuses in the event of a luminaire outage.

3.3 PRE-BID SUBMITTAL REQUIREMENTS

- A. Approved Product: Musco’s Green Generation Lighting® sports lighting system is the approved “Lighting Method 1” product. All submittal information at the end of this section must be submitted at least 10 days prior to bid for any alternates using Method #1 or any manufacture using Method #2. An addendum will be issued prior to bid, listing any approved alternate lighting manufacturers and the design method to be used.
- B. Design Approval: The owner / engineer will review pre-bid submittals per section 3.3.A from all the manufacturers to ensure compliance to the specification. If the design meets the design requirements of the specifications, a letter and/or addendum will be issued to the manufacturer indicating approval for the specific design submitted.
- C. Bidders are required to bid only products that have been approved by this specification or addendum by the owner or owner’s representative. Bids received that do not utilize an approved system/design, will be rejected.

REQUIRED SUBMITTAL INFORMATION ANY ALTERNATE MANUFACTURERS 10 DAYS PRIOR TO BID

All items listed below are mandatory, shall comply with the specification and be submitted according to pre-bid submittal requirements

Tab	Item	Description
A	Letter/ Checklist	Listing of all information being submitted must be included on the table of contents. List the name of the manufacturer’s local representative and his/her phone number. Signed submittal checklist to be included.
B	Equipment Layout	Drawing(s) showing field layouts with pole locations
C	On Field Lighting Design	Lighting design drawing(s) showing: a. Field Name, date, file number, prepared by b. Outline of field(s) being lighted, as well as pole locations referenced to the center of the field (x & y), Illuminance levels at grid spacing specified

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		<p>c. Pole height, number of fixtures per pole, as well as luminaire information including wattage, lumens and optics</p> <p>d. Height of light test meter above field surface.</p> <p>e. Summary table showing the number and spacing of grid points; average, minimum and maximum illuminance levels in foot candles (fc); uniformity including maximum to minimum ratio, coefficient of variance (CV), coefficient of utilization (CU) uniformity gradient; number of luminaires, total kilowatts, average tilt factor; light loss factor.</p> <p>f. Manufacturer's using Lighting Method 2 shall provide both initial and maintained light scans using a maximum Recoverable Light Loss Factor (RLLF) as specified in section 1.2.C.2</p>
D	Off Field Lighting Design	Lighting design drawing showing initial spill light levels along the boundary line (defined on bid drawings) in footcandles. Light levels shall be taken at 30-foot intervals along the boundary line. Readings shall be taken with the meter orientation at both horizontal and aimed towards the most intense bank of lights.
E	Structural Calculations	Pole structural calculations and foundation design showing foundation shape, depth backfill requirements, rebar and anchor bolts (if required). Pole base reaction forces shall be shown on the foundation drawing along with soil bearing pressures. Design must be stamped by a structural engineer in the state of Connecticut, if required by owner. (May be supplied upon award).
F	Control & Monitoring System	Manufacturer of the control and monitoring system shall provide written definition and schematics for automated control system to include monitoring. They will also provide ten (10) references currently using proposed system in the state of Connecticut.
G	Electrical Distribution Plans	Manufacturer using Lighting Method 2 must include a revised electrical distribution plan including changes to service entrance, panels and wire sizing, signed by a licensed Electrical Engineer in the state of Connecticut.
H	Warranty	Provide written warranty information including all terms and conditions. Provide ten (10) references of customers currently under specified warranty in the state of Connecticut.
I	Independent Testing Report	<p>a. Lighting Method 1 is to provide an independent test report certifying the system meets the lumen maintenance control strategy defined in Section 1.2.C.1.a, verifying the field performance of the system for the duration of the useful life of the lamp based on lamp replacement hours. Report shall be signed by a licensed professional engineer with outdoor lighting experience.</p> <p>b. If Manufacturer using Lighting Method 2 desires to provide a recoverable light loss factor other than specified in section 1.2.C.2, Independent field test report from licensed professional engineer will be required to substantiate the ability to maintain light levels in accordance with section 1.7-A of the specification. Both initial and maintained light scans must still be provided. Independent Engineer conducting the report must have no affiliation with the manufacturer and report must be based on actual testing data. Testing must be done on the system as a whole, not on individual components.</p>
J	Project References	Manufacturer to provide a list of 10 projects where the technology and specific fixture proposed for this project has been installed in the state of Connecticut. Reference list will include project name, project city, installation date, and if requested, contact name and contact phone number. Manufacturer bidding Lighting Method 2 must supply independent test report if lamp life relamping projection is greater than 3000 hours.

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K	Product Information	Complete bill of material for all product being provided.
L	Non-Compliance	Manufacturer shall list all items that do not comply with the specifications. If in full compliance, tab may be omitted.
M	Life-cycle Cost Calculation	Document life-cycle cost calculations as defined in the specification. Identify energy costs for operating the luminaires, maintenance cost for the system including spot lamp replacement, and group relamping costs. All costs should be based on 25 Years. (complete table below)

			Lighting Method 1	Lighting Method 2
a.	Luminaire energy consumption 52 luminaires x 1.56kW demand per luminaire x .16 kWh rate x # annual usage hours x 25 years			
b.	Demand charges, if applicable	+		
c.	Cost for spot relamping and maintenance over 25 years Assume 7.5 repairs at \$500 each if not included with the bid	+		
d.	Cost to relamp all luminaires during 25 years # annual usage hours x 25 years / 3000 hours x \$125 lamp & labor x fixtures if not included with the bid	+		
e.	Extra energy used without base bid automated control system \$ Energy consumption in item a. x 10% if control system not included with the bid	+		
	TOTAL 25 -Year Life-cycle Operating Cost	=		

The information supplied herein shall be used for the purpose of complying with the specifications for Masuk High School. By signing below I agree that all requirements of the specifications have been met and that the manufacturer will be responsible for any future costs incurred to bring their equipment into compliance for all items not meeting specifications and not listed in the Non-Compliance section.

Manufacturer: _____ Signature: _____

Contact Name: _____ Date: ____/____/____

END OF SECTION 26 56 68

5660-02-a2516-specs-265668 - exterior athletic lighting

ADDENDUM NO. 1

May 5, 2016

**MONROE BOARD OF EDUCATION
TOWN OF MONROE, CONNECTICUT**

REQUEST FOR PROPOSALS #2016-4

TRACK AND FIELD IMPROVEMENTS AT MASUK HIGH SCHOOL

BID PROPOSAL FORM

BIDDER'S FULL LEGAL NAME: _____

NAME OF COMPANY BIDDER IS ASSOCIATED WITH: _____

The respondent hereby acknowledges receipt of the Addenda listed below and further acknowledges that the provisions of each Addendum have been included in the preparation of this Bid:

Addendum No. & Date

Acknowledgement Signature

Addendum No. 1

LUMP SUM BASE BID PRICES:

Refer to Notice to Contractor - Schedule of Value sheets (SP-4 through SP-6) for descriptions of lump sum bid items.

ITEM	BASE BID ITEM DESCRIPTION (ITEM PRICE IN WORDS – DOLLARS AND CENTS)	ITEM PRICE (IN FIGURES)
A	Site Preparation _____ _____ _____ per LS	\$
B	Site Removals _____ _____ _____ per LS	\$

ADDENDUM NO. 1

May 5, 2016

ITEM	BASE BID ITEM DESCRIPTION (ITEM PRICE IN WORDS – DOLLARS AND CENTS)	ITEM PRICE (IN FIGURES)
C	Earthwork and Grading _____ _____ per LS	\$
D	Athletic Field Subsurface Drainage System _____ _____ per LS	\$
E	Synthetic Turf and Resilient Polypropylene Shock/Drainage Pad _____ _____ per LS	TO BE PROVIDED AFTER RECEIPT OF TURF BIDS
F	Running Track Expansion and D-Zones, Complete _____ _____ per LS	\$
G	Site Amenities _____ _____ per LS	\$
H	Site Electrical Improvements _____ _____ per LS	\$

BASE PRICE BID

Pursuant to and in full compliance with the solicitation, the undersigned bidder, having visited the site or property if applicable, and having thoroughly examined each and every document comprising the solicitation, including any addenda, hereby offers and agrees as follows:

To provide the products and/or services specified in, and upon the terms and conditions of, the solicitation for the total sum of _____
_____/100 Dollars (write out in words) (\$_____).

ADDENDUM NO. 1

May 5, 2016

SYNTHETIC TURF BID ITEMS NO. A1 THRU A3

Monroe bid the synthetic turf and resilient polypropylene base furnishment, installation and warranty as part of RFP# 2016-3 which is included in the appendix of this document. The Contractor shall include in his bid the price for Synthetic In-Filled Athletic Turf as provided. The Contractor shall not alter the provided price in anyway and shall carry the cost provided as part of their base bid value.

ITEM NO.	ALTERNATE BID ITEM DESCRIPTION (ITEM PRICE IN WORDS – DOLLARS AND CENTS)	ITEM PRICE (IN FIGURES)
A 1	FIELD MAINTENANCE _____ _____per LS	TO BE PROVIDED AFTER RECEIPT OF TURF BIDS
A 2	FURNISH AND INSTALL CENTER FIELD "M" LOGO _____ _____per LS	TO BE PROVIDED AFTER RECEIPT OF TURF BIDS
A 3	FURNISH AND INSTALL END ZONE LETTERING _____ _____per LS	TO BE PROVIDED AFTER RECEIPT OF TURF BIDS

ADDENDUM NO. 1

May 5, 2016

ALTERNATE BID ITEMS

The undersigned bidder further proposes and agrees that should any or all the following Alternate Proposal Items be selected for inclusion in the contract with the General Contractor, the amount of the Base Price Proposal set forth above shall be adjusted by the amount(s) stated for the accepted Alternate Proposal Item(s). If selected, the Alternate Proposal Items will be selected as funds allow per the prices provided below. All materials and workmanship shall be in strict accordance with the Drawings and Specifications, and shall be "in-place" prices including all overhead and profit.

ALTERNATE BID ITEMS

ITEM NO.	ALTERNATE PROPOSAL ITEM DESCRIPTION (ITEM PRICE IN WORDS – DOLLARS AND CENTS)	ITEM PRICE (IN FIGURES)
1	NEW SCOREBOARD _____ _____per LS	\$
2	NEW AUDIO SYSTEM _____ _____per LS	\$
3	NEW ATHLETIC FIELD LIGHTING SYSTEM _____ _____per LS	\$
4	NEW CONDUIT FROM CONCESSIONS TO MAIN BUILDING _____ _____per LS	\$
5	BALL SAFETY NETTING AND POSTS IN D-ZONES _____ _____per LS	\$

ADDENDUM NO. 1

May 5, 2016

UNIT PRICES

The undersigned agrees that the following supplemental Unit Prices shall be the basis of compensation for the addition in the Work. These Unit Prices shall include all overhead and profit. (Note: Bidder shall fill in).

	<u>UNIT PRICES</u>	<u>Unit</u>	<u>Price per Unit</u>
1.	Rock Excavation	per cubic yard	\$ _____
2.	Installation of 4" PVC Electrical Conduit	per linear foot	\$ _____
3.	Removal and Replacement of Bituminous Pavement	per square foot	\$ _____
4.	Bituminous Concrete/Track Surface Patching and Repair at Running Track	per square foot (assume minimum of 100 square feet)	\$ _____
5.	Bituminous Concrete Crack Seal and Repair around perimeter of Running Track	per linear foot (assume minimum of 100 linear feet)	\$ _____

ACKNOWLEDGEMENT

In submitting this Bid Proposal Form, the undersigned proposer acknowledges that the price(s) include all labor, materials, transportation, hauling, overhead, fees and insurances, bonds or letters of credit, profit, security, permits and licenses, and all other costs to cover the completed work called for in the solicitation. Except as otherwise expressly stated in the solicitation, no additional payment of any kind will be made for work accomplished under the price(s) as proposed.

ADDENDUM NO. 1

May 5, 2016

REQUIRED DISCLOSURES

1. Exceptions to the solicitation

_____ This bid does not take exception to any requirement of the solicitation, including but not only any of the items included in the Standard Instructions to Bidders.

OR

_____ This bid takes exception(s) to certain of the solicitation requirements. **Attached is a sheet fully describing each such exception.**

2. State Debarment List

Is the proposer on the State of Connecticut's Debarment List?

_____ Yes

_____ No

3. Occupational Safety and Health Law Violations

Has the bidder or any firm, corporation, partnership or association in which it has an interest (1) been cited for three (3) or more willful or serious violations of any occupational safety and health act or of any standard, order or regulation promulgated pursuant to such act, during the three-year period preceding the bid (provided such violations were cited in accordance with the provisions of any state occupational safety and health act or the Occupational Safety and Health Act of 1970, and not abated within the time fixed by the citation and such citation has not been set aside following appeal to the appropriate agency or court having jurisdiction) or (2) received one or more criminal convictions related to the injury or death of any employee in the three-year period preceding the bid?

_____ Yes

_____ No

If "yes," attach a sheet fully describing each such matter.

ADDENDUM NO. 1

May 5, 2016

4. Arbitration/Litigation

Has either the bidder or any of its principals (regardless of place of employment) been involved for the most recent ten (10) years in any resolved or pending arbitration or litigation?

Yes
 No

If "yes," attach a sheet fully describing each such matter.

5. Criminal Proceedings

Has the bidder or any of its principals (regardless of place of employment) ever been the subject of any criminal proceedings?

Yes
 No

If "yes," attach a sheet fully describing each such matter.

6. Ethics and Offenses in Public Projects or Contracts

Has either the bidder or any of its principals (regardless of place of employment) ever been found to have violated any state or local ethics law, regulation, ordinance, code, policy or standard, or to have committed any other offense arising out of the submission of proposals or bids or the performance of work on public works projects or contracts?

Yes
 No

If "yes," attach a sheet fully describing each such matter.

ADDENDUM NO. 1

May 5, 2016

PROPOSAL (BID) SECURITY

I/we have included herein the required certified check or proposal (bid) bond in the amount of 5% of the base proposal amount.

NOTE: THIS DOCUMENT, IN ORDER TO BE CONSIDERED A VALID PROPOSAL, MUST BE SIGNED BY A PRINCIPAL OFFICER OR OWNER OF THE BUSINESS ENTITY THAT IS SUBMITTING THE BID. SUCH SIGNATURE CONSTITUTES THE BIDDER'S REPRESENTATIONS THAT IT HAS READ, UNDERSTOOD AND FULLY ACCEPTED EACH AND EVERY PROVISION OF EACH DOCUMENT COMPROMISING THE SOLICITATION, UNLESS AN EXCEPTION IS DESCRIBED ABOVE.

BY: _____
(PRINT NAME)

TITLE: _____

(SIGNATURE)

DATE: _____

END OF BID PROPOSAL

5660-02-a2516-specs-09-bid proposal form

DESCRIPTION	DATE	BY
A. 1-ADDITION#1	5-3-16	RRB

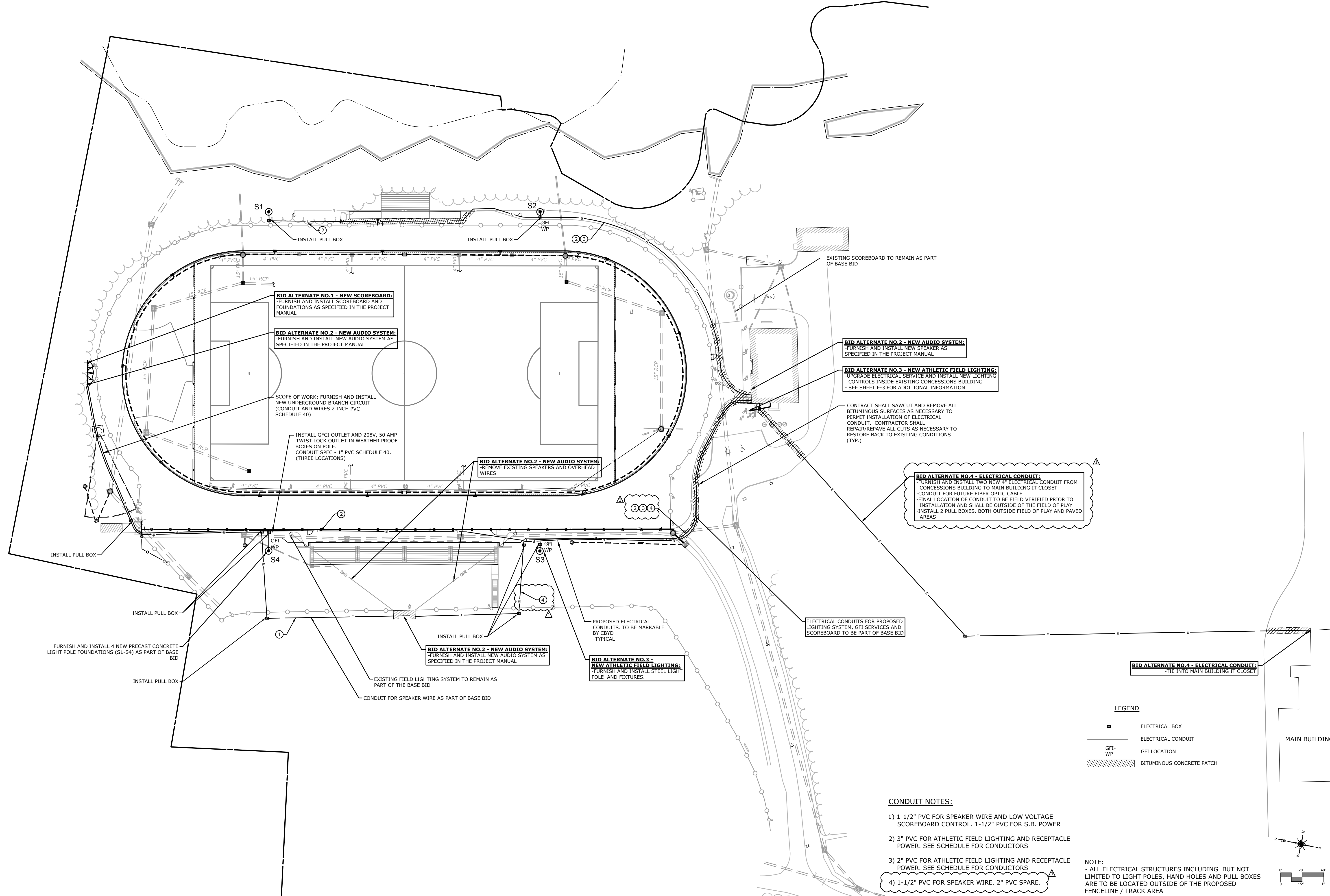
BID DOCUMENTS

SITE ELECTRICAL PLAN
MASUK HIGH SCHOOL
TRACK & FIELD IMPROVEMENTS
1014 MONROE TURNPIKE
MONROE, CONNECTICUT

CEH	HAR	DJK
DESIGNED	DRAWN	CHECKED

SCALE: 1"=40'
DATE: APRIL 25, 2016
PROJECT NO. 5660-02

E-1



BID ALTERNATE NO. 1 - NEW SCOREBOARD:
- FURNISH AND INSTALL SCOREBOARD AND FOUNDATIONS AS SPECIFIED IN THE PROJECT MANUAL.

BID ALTERNATE NO. 2 - NEW AUDIO SYSTEM:
- FURNISH AND INSTALL NEW AUDIO SYSTEM AS SPECIFIED IN THE PROJECT MANUAL.

SCOPE OF WORK: FURNISH AND INSTALL NEW UNDERGROUND BRANCH CIRCUIT (CONDUIT AND WIRES 2 INCH PVC SCHEDULE 40).

INSTALL GFCI OUTLET AND 208V, 50 AMP TWIST LOCK OUTLET IN WEATHER PROOF BOXES ON POLE.
CONDUIT SPEC - 1" PVC SCHEDULE 40.
(THREE LOCATIONS)

BID ALTERNATE NO. 2 - NEW AUDIO SYSTEM:
- REMOVE EXISTING SPEAKERS AND OVERHEAD WIRES

BID ALTERNATE NO. 2 - NEW AUDIO SYSTEM:
- FURNISH AND INSTALL NEW AUDIO SYSTEM AS SPECIFIED IN THE PROJECT MANUAL.

BID ALTERNATE NO. 3 - NEW ATHLETIC FIELD LIGHTING:
- FURNISH AND INSTALL STEEL LIGHT POLE AND FIXTURES.

BID ALTERNATE NO. 2 - NEW AUDIO SYSTEM:
- FURNISH AND INSTALL NEW SPEAKER AS SPECIFIED IN THE PROJECT MANUAL.

BID ALTERNATE NO. 3 - NEW ATHLETIC FIELD LIGHTING:
- UPGRADE ELECTRICAL SERVICE AND INSTALL NEW LIGHTING CONTROLS INSIDE EXISTING CONCESSIONS BUILDING.
- SEE SHEET E-3 FOR ADDITIONAL INFORMATION.

CONTRACT SHALL SAWCUT AND REMOVE ALL BITUMINOUS SURFACES AS NECESSARY TO PERMIT INSTALLATION OF ELECTRICAL CONDUIT. CONTRACTOR SHALL REPAIR/REPAVE ALL CUTS AS NECESSARY TO RESTORE BACK TO EXISTING CONDITIONS. (TYP.)

BID ALTERNATE NO. 4 - ELECTRICAL CONDUIT:
- FURNISH AND INSTALL TWO NEW 4" ELECTRICAL CONDUIT FROM CONCESSIONS BUILDING TO MAIN BUILDING IT CLOSET
- CONDUIT FOR FUTURE FIBER OPTIC CABLE
- FINAL LOCATION OF CONDUIT TO BE FIELD VERIFIED PRIOR TO INSTALLATION AND SHALL BE OUTSIDE OF THE FIELD OF PLAY
- INSTALL 2 PULL BOXES, BOTH OUTSIDE FIELD OF PLAY AND PAVED AREAS

ELECTRICAL CONDUITS FOR PROPOSED LIGHTING SYSTEM, GFI SERVICES AND SCOREBOARD TO BE PART OF BASE BID

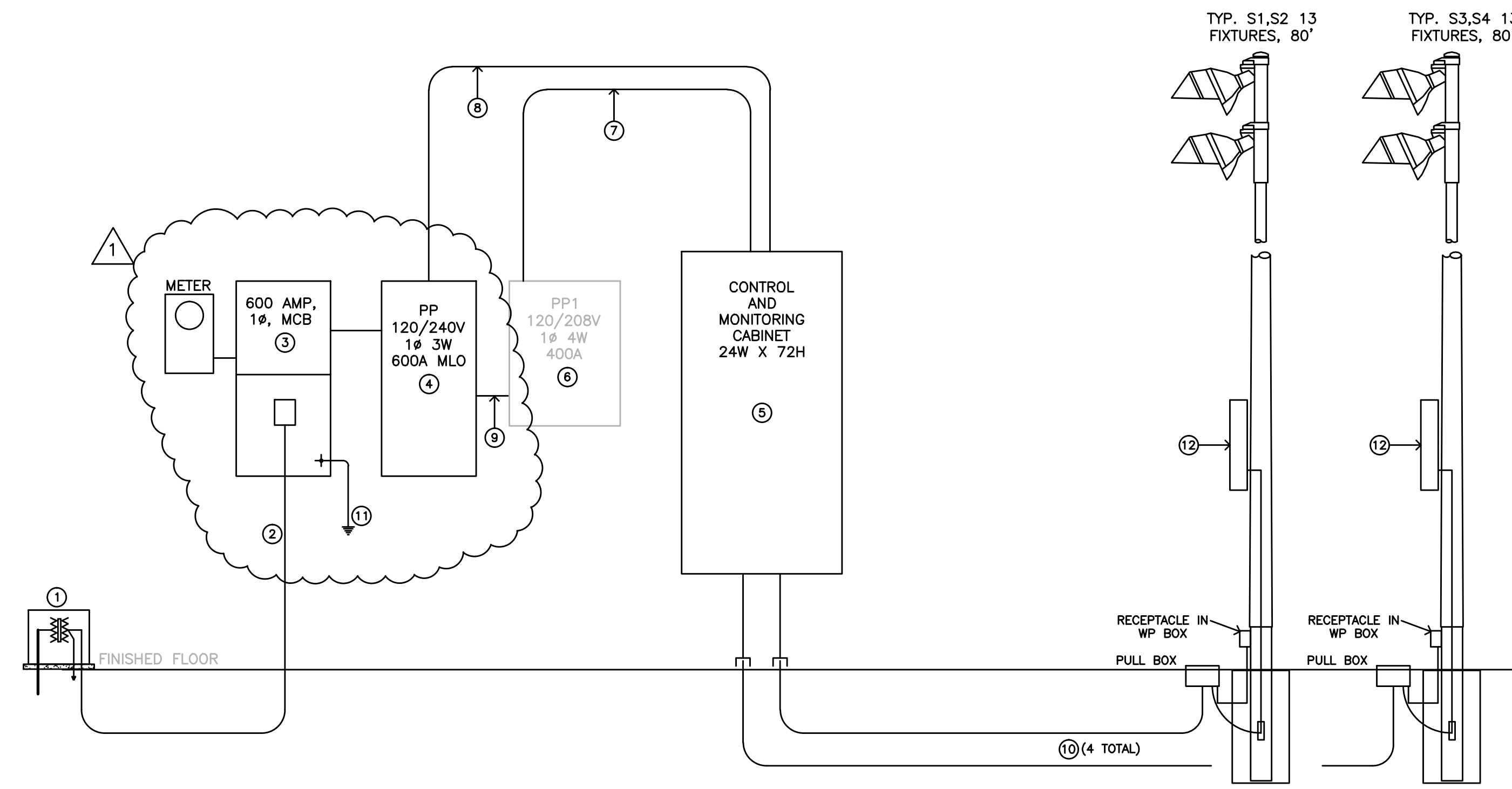
BID ALTERNATE NO. 4 - ELECTRICAL CONDUIT:
- TIE INTO MAIN BUILDING IT CLOSET

LEGEND
■ ELECTRICAL BOX
— ELECTRICAL CONDUIT
GFI-WP GFI LOCATION
Bituminous Concrete Patch BITUMINOUS CONCRETE PATCH

- CONDUIT NOTES:**
- 1-1/2" PVC FOR SPEAKER WIRE AND LOW VOLTAGE SCOREBOARD CONTROL. 1-1/2" PVC FOR S.B. POWER
 - 2" PVC FOR ATHLETIC FIELD LIGHTING AND RECEPTACLE POWER. SEE SCHEDULE FOR CONDUCTORS
 - 2" PVC FOR ATHLETIC FIELD LIGHTING AND RECEPTACLE POWER. SEE SCHEDULE FOR CONDUCTORS
 - 1-1/2" PVC FOR SPEAKER WIRE. 2" PVC SPARE.

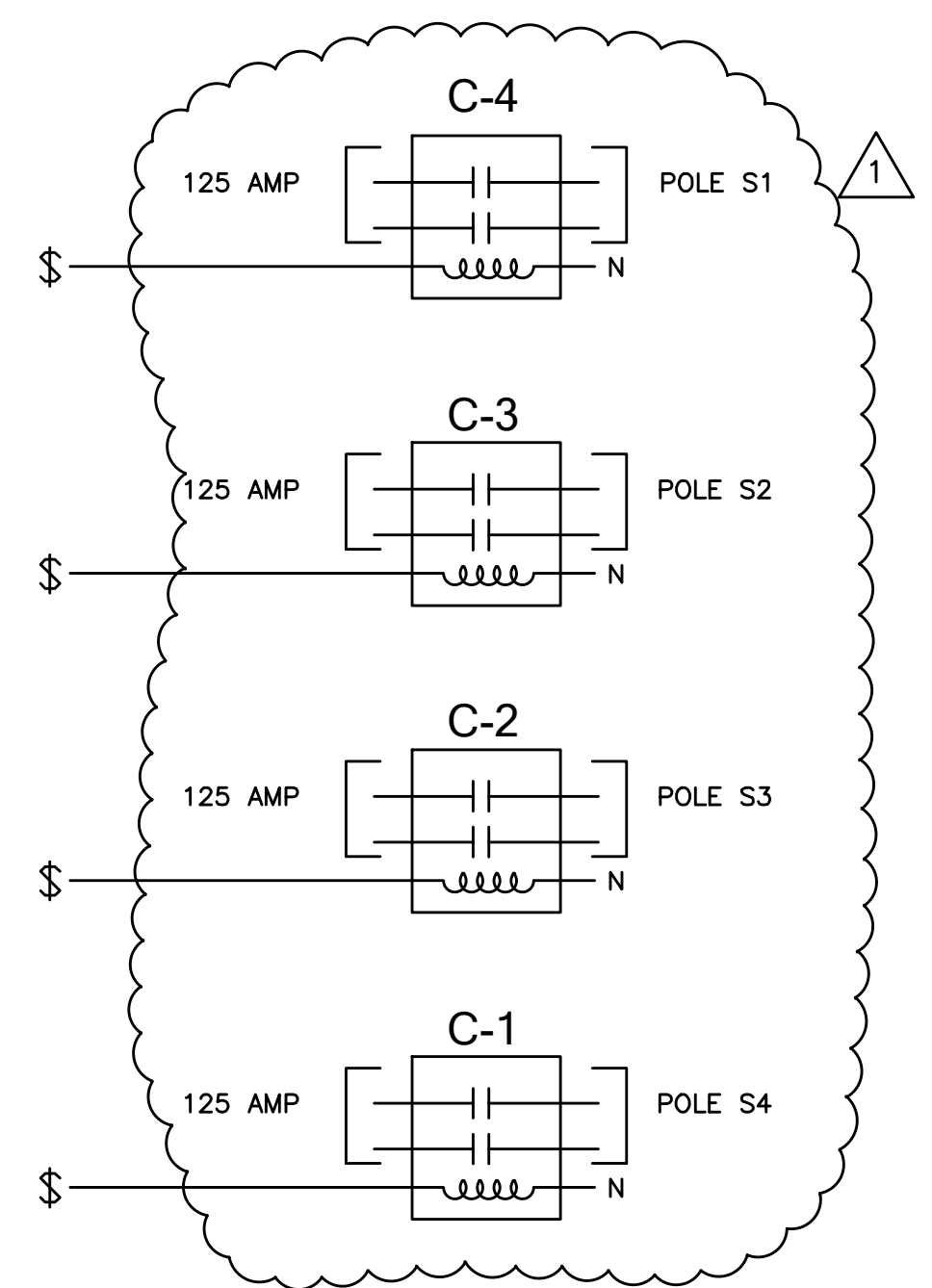
NOTE:
- ALL ELECTRICAL STRUCTURES INCLUDING BUT NOT LIMITED TO LIGHT POLES, HAND HOLES AND PULL BOXES ARE TO BE LOCATED OUTSIDE OF THE PROPOSED FENCELINE / TRACK AREA

PROJECT NO. 5660-02 SHEET E-1 OF 04



ONE-LINE RISER DIAGRAM
SCALE: NONE

- ### RISER KEY NOTES
- COORDINATE WITH EVERSOURCE FOR REPLACEMENT OF EXISTING PAD MOUNTED TRANSFORMER TO UPGRADE CONCESSION BUILDING SERVICE TO 600 AMPS, 120/240V. COORDINATE TIMING OF OUTAGE WITH OWNER AND EVERSOURCE.
 - PROVIDE NEW SECONDARY SERVICE WITH 2 SETS AT 3 #350KCMIL IN 3" PVC FROM TRANSFORMER TO NEW METER CABINET. CUT & PATCH PAVEMENT AS REQUIRED. REMOVE OLD CONDUCTORS.
 - REMOVE EXISTING 320A, 1Ø METER SOCKET AND PROVIDE NEW 600A, 1Ø, 120/240V, NEMA 3R RATED COMBINATION MAIN BREAKER AND CT CABINET. USE EATON WBM-LD-2-6-A-ER OR EQUAL. PROVIDE NEW CT RATED METER SOCKET. MAINTAIN MINIMUM 24" CLEAR FROM DOOR.
 - PROVIDE NEW MAIN DISTRIBUTION PANEL 'PP'. REFER TO SCHEDULE FOR ADDITIONAL REQUIREMENTS. MOUNT ON EXTERIOR WALL OF ELECTRICAL ROOM. REMOVE EXISTING 8 CIRCUIT LOAD CENTER IN THIS LOCATION & SWAP CIRCUITS INTO PANEL PP1.
 - INSTALL NEW LIGHTING CONTROL PANEL WITH 4 RELAYS AS SHOWN ON THE DRAWING. SEE LIGHTING CONTROL PANEL SPEC FOR ADDITIONAL INFORMATION. REMOVE FOUR EXISTING INDEPENDENT CONTACTORS SERVING OLD LIGHTS & INSTALL CONTROL PANEL AT THIS LOCATION.
 - EXISTING PANEL PP TO REMAIN. PROVIDE FEED-THRU LUG CONNECTION FROM PANEL PP. REMOVE EXISTING FIELD LIGHTING CIRCUITS.
 - PROVIDE NEW 120V, 20A BRANCH CIRCUIT FROM PP1 FOR CONTROL POWER TO LIGHTING CONTROL PANEL.
 - PROVIDE FOUR 240V, 1Ø, 125A BRANCH CIRCUITS FROM PANEL PP TO CONTACTORS IN CONTROL PANEL FOR FIELD LIGHTING. USE 2 #1 AWG + #6 GROUND IN 1-1/4" CONDUIT.
 - SUBFEED PANEL PP1 FROM PANEL PP WITH 3 #500 KCMIL + #3 GROUND IN 3" EMT OR WIREWAY.
 - PROVIDE NEW BRANCH CIRCUITS FROM LIGHTING CONTROL PANEL TO EACH OF 4 FIELD LIGHTING POLES. REFER TO CIRCUIT SCHEDULE FOR WIRING REQUIREMENTS AND SITE PLAN FOR ROUTING.
 - PROVIDE NEW OR IMPROVE EXISTING SERVICE GROUNDING ELECTRODE AND CONDUCTORS TO MEET CURRENT NEC REQUIREMENTS.
 - PROVIDE A DESIGN THAT EMPLOYS BALLAST BACK BOXES LOCATED AT 10' ABOVE THE FINISHED GRADE. ATTACH SECURELY PER MANUFACTURERS REQUIREMENTS. USE STAINLESS STEEL CLAMPS.
- GEN. EVERSOURCE TECH IS WALT MOSKALUK, 203-270-5830. FILED SERVICE REQUEST NUMBER IS 2717383.



SPORTS LIGHTING CONTROL SCHEMATIC
SCALE: NONE

1. COORDINATE RATINGS OF SPORTS LIGHTING CONTROLS WITH EQUIPMENT FURNISHED.

CIRCUIT #	POLE	CONTACTOR	WIRE
PP-1,3,5	125A	S1	2#350 + #4 GND
PP-17	20A	S1	2#6 + #10 GND
PP-2,4,6	80A	S2	2#3/0 + #6 GND
PP-13,15	50A	S2	2#4 + #8 GND
PP-19	20A	S2	2#8 + #10 GND
PP-7,9,11	80A	S3	2#3/0 + #6 GND
PP-14,16	50A	S3	2#4 + #8 GND
PP-18	20A	S3	2#8 + #10 GND
PP-8,10,12	125A	S4	2#350 + #4 GND
PP-19	20A	S4	2#4 + #8 GND

ALL VALUES BASED ON COPPER CONDUCTORS. 20A CIRCUITS ARE FOR DUPLEX RECEPTACLES ON POLES. 50A CIRCUITS ARE FOR TWIST LOCK RECEPTACLES ON POLES.

- ### GENERAL DRAWING NOTES
- REFER TO PART PLAN ON THIS SHEET FOR WORK WITHIN THIS AREA.
 - COORDINATE LIGHTING POLE WITH EXISTING STUB UP LOCATION IN THE FIELD. TERMINATE WIRING IN ELECTRICAL COMPONENTS ENCLOSURE APPROXIMATE 10' ABOVE GRADE.
 - EXISTING CONDUIT LOCATIONS. CONTRACTOR SHALL EXTEND CONDUIT TO CONTROL AND MONITORING CABINET. REFER TO ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION.

PANEL SCHEDULE

NOTES:

- REFER TO ELECTRICAL SPECIFICATIONS FOR FURTHER INFORMATION.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PANELBOARDS, SIZE, QUANTITY AND TYPES OF C/Bs INDICATED ON THIS SCHEDULE AND ON THE DRAWINGS.
- UPGRADE WIRE SIZE AS REQUIRED TO MAINTAIN 3% (MAXIMUM) VOLTAGE DROP.
- AIC/RMS RATINGS SHALL BE NO LESS THAN UTILITY REQUIREMENT. COORDINATE WITH DOWN STREAM PROTECTION.
- SCHEDULE DOES NOT INCLUDE C/B FOR ALTERNATES. COORDINATE RESPECTIVELY.
- PROVIDE ENGRAVED PANEL DESIGNATION, HARD PLASTIC LABELS.
- PROVIDE TYPED CIRCUIT DIRECTORY.
- FURNISH ALL ADDITIONAL MATERIALS AND ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION TO BE FULLY OPERATIONAL.
- PROVIDE ALL ASSEMBLY REQUIRED.
- PANELBOARDS SHALL BE COMPLETE WITH COPPER BUS AND NEMA 1 ENCLOSURE.

DESIGNATION	VOLTAGE	PHASE	MAINS	MOUNTING	BRANCH CIRCUITS				BRANCH POLE CAPACITY	LOCATION	REMARKS	
					AMPS	POLES	ACTIVE	SPARES				
PP	240/120	1Ø	600A MLO	SURFACE	125 50 20	2 2 1	4 2 10		20A-1P (4)	42	ELECTRICAL ROOM	125A, 2-POLE BREAKERS SERVE SPORTS FIELD LIGHTS. 50/20 BREAKERS SERVE TWIST LOCK RECPs. PROVIDE FEED-THRU LUGS FOR PANEL PP1.
PP1 (EXISTING)	240/120	1Ø	400A MCB	SURFACE	20	1	4		20A-1P (3)	12	ELECTRICAL ROOM	LISTED BREAKERS ARE FOR CONTROL PANEL AND FORMER LOAD CENTER LOADS. OTHER BREAKERS ARE ETR.

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
Tel: 203 239-9007 Fax: 203 239-8247
silverpetrucielli.com

MILONE & MACBROOM
99 Realty Drive
Cheshire, Connecticut 06410
(203) 271-1773 Fax (203) 272-9733
www.miloneandmacbroom.com

DESCRIPTION	DATE	BY
1-ADDENDUM #1	5-3-16	RRB

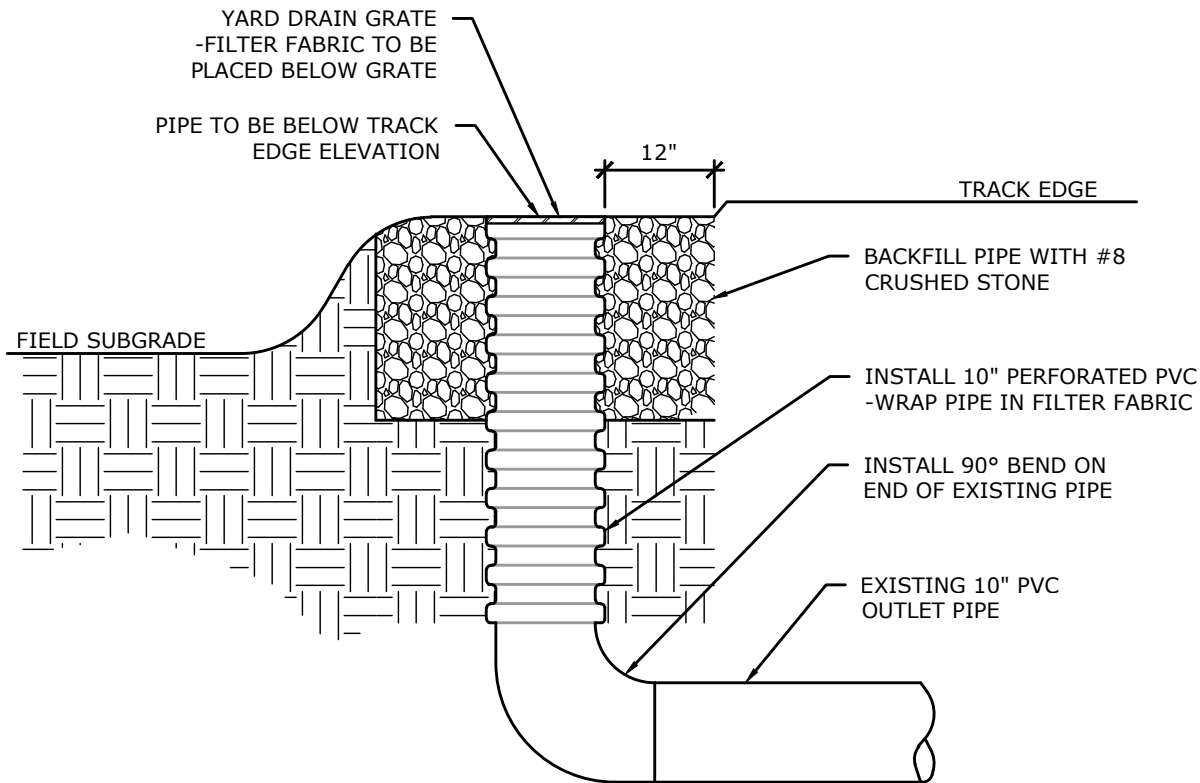
ELECTRICAL DIAGRAMS AND DETAILS
MASUK HIGH SCHOOL
TRACK & FIELD IMPROVEMENTS
1014 MONROE TURNPIKE
MONROE, CONNECTICUT

KCF	HAR	DJK
DESIGNED	DRAWN	CHECKED

AS NOTED
APRIL 22, 2016
PROJECT NO. 5660-02

E-3

Drawing: W:\DESIGN\5660-02-DE\CAD\WHS-DETAILS.DWG Layout Tab:8.5X11H



TEMPORARY STORM DRAINAGE OUTLET RISER DETAIL

N.T.S.

Plotted by: HANNAHR On this date: Wed, 2016 May 4 - 3:34pm

MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

DATE	MAY 3, 2016
SCALE	N.T.S
PROJ. NO.	5660-02
DESIGNED	DJK
DRAWN	HAR
CHECKED	DJK

TEMPORARY STORM DRAINAGE OUTLET RISER
MASUK HIGH SCHOOL
TRACK & FIELD IMPROVEMENTS
 1014 MONROE TURNPIKE
 MONROE, CONNECTICUT

DRAWING NAME:

SK-1



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

DATE	MAY 3, 2016
SCALE	1"=400'
PROJ. NO.	5660-02
DESIGNED	DJK
DRAWN	HAR
CHECKED	DJK

TOPSOIL STORAGE LOCATION MAP
MASUK HIGH SCHOOL
TRACK & FIELD IMPROVEMENTS
 1014 MONROE TURNPIKE
 MONROE, CONNECTICUT

DRAWING NAME
SK-2

NON-MANDATORY PRE-BID CONFERENCE FOR BID NO. 2016-4
 MASUK HIGH SCHOOL TRACK & FIELD IMPROVEMENTS
 MONROE, CONNECTICUT
 May 2, 2016

NAME	REPRESENTING/ ADDRESS		TELEPHONE NO.	E- -Mail
Rich DeRita	N DeRita & DeRita and Sons. ^{com}	O/C	()	
	860-558-8642	Fax	()	
YVES LEBEL	163 RESEARCH PKWY MERIDEN, CT 06450 LAROSA TRACT GROUP	O/C	(203) 235-1770	YLEBEL@larosabg.com
		Fax	()	
Steve Zoto	Mountain View Inc 67 Old James St. Chicopee, Ma.	O/C	(413) 567-7545	stevez@mountainviewinc.com
		Fax	()	
JOHN CHAFFIN	RAD SPORTS 171 VFW DR. ROCULAND MA	O/C	(508) 400-0955	jc@radsports.com
		Fax	()	zmd@radsports.com
Tim Belansky	Shock Electric 178 Osborne St. Danbury, CT 06810	O/C	(203) 748-5690	shockelectric81@hotmail.com
		Fax	()	
Tim Hill	Classic Turf Co, LLC P.O. Box 55, Woodbury, CT	O/C	(203) 263-0800	tim@classic-turf.org
		Fax	()	sales@classic-turf.org
George Lopez	Guerreiro Construction 154 Christian St. Oxford, CT 06457	O/C	(203) 888-5069	georjpl@guerreiroconstruction.com
		Fax	(203) 583-0600	
DAN DEERING	DEERING CONSTRUCTION, INC 20 SHEPHERD AVE NORWALK, CT 06854	O/C	(203) 855-1396	DJDIV@AOL.COM
		Fax	(203) 855-1137	
ADAM HORTON	TURCO GOLF, INC 212 ORANGE AVE, SUFFERN, NY 09001	O/C	(845) 357-9900	AHORTON1@
		Fax	(845) 357-0966	SUFFERN@TURCOGOLF.COM
		O/C	()	
		Fax	()	
		O/C	()	
		Fax	()	

**TRACK AND FIELD IMPROVEMENTS
MASUK HIGH SCHOOL
MONROE, CONNECTICUT**

PRE-BID MEETING AGENDA

MAY 2, 2016 AT 10:00 AM

PROJECT: Track and Field Improvements
Masuk High School
Monroe, Connecticut

RFP #: 2016-4

MMI NO: 5660-02

INTRODUCTIONS:

A. **OWNER:** Monroe Board of Education

Director of Finance
and Management Services Gabriella DiBlasi

Superintendent of Schools Jim Agostine

B. **FUNDING:** Local Bond Issue

C. **ENGINEER:** Milone & MacBroom, Inc.

Project Manager Dan Kroeber, P.E.
Lead Landscape Architect Kevin Fuselier, L.A.

CORRESPONDENCE:

A. **CORRESPONDENCE TO OWNER:** Gabriella DiBlasi
Monroe Public Schools
375 Monroe Turnpike
Monroe, CT 06468
Tel: 203-452-2860 x2609
Email: gdiblasi@monroeps.org

B. CORRESPONDENCE TO ENGINEER: Milone & MacBroom Inc.
99 Realty Drive
Cheshire, CT 06410
Attn: Dan Kroeber
Project Manager
Tel: (203) 271-1771
Fax: (203) 272-9733
Email: dkroeber@mminc.com

GENERAL INFORMATION:

Non-Mandatory Pre-Bid	May 2 nd at 10:00 AM
Bid Opening Date:	May 11, 2016 at 2:00 PM
Contract Duration:	90 Consecutive Calendar Days following Construction Commencement
Anticipated Notice to Proceed	June 1, 2016
Begin Construction	June 15, 2016 (June 14 th Graduation on Field)
Substantial Completion	September 13, 2016

ITEMS TO BE HIGHLIGHTED:

- Turf Bid Due May 4, 2016
 - Includes Synthetic Turf and Shock/Drainage Pad
 - Building Committee to make decision on turf and issue turf and price in addendum on May 9th

- Track Improvements
 - 2 New Sprints Lanes
 - Track Edge Drain
 - D-zones
 - Structural Spray Coat

- Add Alternates
 - Add Alternate No. 1 – New Scoreboard
 - Add Alternate No. 2 – New Audio System
 - Add Alternate No. 3 – New Athletic Field Lighting
 - Add Alternate No. 4 – Conduit from Concession to Main Building
 - Add Alternate No. 5 – Ball Safety Netting and Posts

All questions during bidding phase must be sent to the Director of Finance and Management Services for the Town of Monroe, in writing, no later than May 6, 2016 at 4:00 pm. All questions and answers will be provided to all bidders.

QUESTIONS FROM BIDDERS:



**TOWN OF MONROE
INLAND WETLANDS COMMISSION**

7 Fan Hill Road
Monroe, CT 06468

Inland Wetlands office (203) 452-2809
Fax: (203) 261-6197

CERTIFIED MAIL RETURN RECEIPT REQUESTED 7011 0110 0002 2153 0257 AND REGULAR MAIL

NOTICE/CERTIFICATE OF DECISION

May 3, 2016

James Agostine
Town of Monroe Public Schools
375 Monroe Turnpike
Monroe, CT 06468

Re: Application No. IWC-2016-05, (File No.989) Masuk High School Site Development
Application Type: Public Hearing
Location of site: 1014 Monroe Turnpike

WHEREAS, the Monroe Inland Wetlands Commission (hereinafter referred to as “Commission”) has considered an application by Town of Monroe Public Schools, James C. Agostine (contact); Daniel J. Kroeber, Milone & MacBroom, Inc. (representative); for the reconstruction of an existing athletic field and track improvements to include new and replacement surface treatments, grading, erosion controls, construct utilities, storm drainage, and installation of lightning;

WHEREAS, the Commission received the following initial Application Submissions:

- Town of Monroe Inland Wetlands Application, received February 9, 2016
- Plans:
 - Cover Sheet, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike... by Milone & MacBroom, dated 2-8-16
 - EX, Existing Conditions, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike... by Milone & MacBroom, dated 2-8-16
 - SR, Site plan-Removals, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike... by Milone & MacBroom, dated 2-8-16
 - LA, Site Plan - Layout, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike... by Milone & MacBroom, dated 2-8-16
 - GR, Site Plan – Grading and Erosion Control Tools, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike... by Milone & MacBroom, dated 2-8-16
 - UT, Site Plan -Utilities, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike... by Milone & MacBroom, dated 2-8-16
 - SD-1, Sediment and Erosion Control Details and Specifications - Layout, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike... by Milone & MacBroom, dated 2-8-16
 - SD-2, Site Details, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike, by Milone & MacBroom, dated 2-8-16
 - SD-3, Site Details, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike, by Milone & MacBroom, dated 2-8-16
 - SD-4, Site Details, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike, by Milone & MacBroom, dated 2-8-16
 - SD-5, Site Details, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike, by Milone & MacBroom, dated 2-8-16
 - 1 of 1, Area Plan, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike, by Milone & MacBroom, dated 2-8-16
- List of Abutters with 100’, received February 9, 2016
- Exhibits one (1) through eighteen (18) as referenced and entered into the record during the public hearing.

WHEREAS, upon considering the above listed submission data and respective testimony at a duly noticed Public Hearing, which open and adjourned on April 13, 2016, and reconvened and closed on April 27, 2016; and upon deliberating on April 27, 2016, the Commission made the following determination (**FINDINGS**):

- The Commission finds that the submitted application materials are consistent with the requirements as set forth by the current Town of Monroe Inland Wetlands and Watercourses Regulations and the Inland Wetlands and Watercourses Act, pursuant to sections 22a-36 to 22a-45 inclusive of the Connecticut General Statutes as amended;
- The Applicant has provided substantial evidence that the proposal represents no adverse impact to the wetlands/watercourses.


NOW THEREFORE BE IT RESOLVED, based on the above, the Commission, upon motion by Lois Spence and seconded by Meghan Hayden, voted four (4) in favor and zero (0) in opposition and one (1) abstention (Ross Mastorocco) to **Approve** the above referenced application and the following submitted layout/plans:

1. Revised Full Scale Plans (3 sheets) entitled:

- Cover Sheet, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike, ...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- EX, Existing Conditions, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- SR, Site plan-Removals, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- LA, Site Plan - Layout, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- GR, Site Plan – Grading and Erosion Control Tools, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- UT, Site Plan -Utilities, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-1, revised to 3-22-16.
- SD-1, Sediment and Erosion Control Details and Specifications - Layout, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- SD-2, Site Details, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- SD-3, Site Details, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- SD-4, Site Details, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16, revised to 3-22-16.
- SD-5, Site Details, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-1, revised to 3-22-16.
- 1 of 1, Area Plan, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 2-8-16
- 1 of 2, Existing Photometric Plan, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 3-22-16.
- 2 of 2, Proposed Photometric Plan, Masuk High School Track & Field Improvements, 1014 Monroe Turnpike...by Milone & MacBroom, dated 3-22-16, revised to 3-31-16.

2. Including Exhibits one (1) through eighteen (18).

<i>Vote:</i>	Jason Grady	Aye	<i>For the Commission:</i>
	Lois Spence	Aye	
	Meghan Hayden	Aye	
	Jim Stewart	Aye	



Jason Grady, Acting Chair

FURTHERMORE, the Commission required that this approval be subject to the following:

(A) Conditions to be addressed within 270 days of the Date of Approval (01-22-17) or this approval/permit becomes null and void (subject to the ** “Extension of Time” provision below):

1. The applicant shall submit one (1) complete set of final Plans (full size 24” x 36”) for review by the Town Engineer/Inland Wetlands Agent which must include the following revisions.
 - a. **Datum verification/notations on the survey.**
 - b. **Notations indicating that the electric conduits/lines servicing the light poles to be replaced along the easterly side of the field and track facility shall be replaced in the same location as existing facilities.**
 - c. **Notations, delineation, and details of abandonment, restoration, and stabilization of the shot put area at the southeast corner of the site.**
 - d. **Additional notations clarifying that the existing field drains shall be altered during construction to include risers with controlled inlets as presented in exhibit 17 (storm water riser detail) in order to control runoff and provide a means of sedimentation control. Also, said detail shall be revised to include grates with filter fabric at the riser inlets.**
 - e. **Additional notations and details relative to the synthetic field in-fill medium (coconut and silica sand) application.**
 - f. **Additional notations and details of the proposed storm water staked “wattles” to be utilized at the existing storm drainage outlets in lieu of siltation control fencing.**
 - g. **A detail with notations indicating an appropriate dewatering area.**
2. Filing of Final Inland Wetlands Commission Approved Plans:
Upon satisfactory revision of the final Plans as required above, the applicant shall submit five (5) complete sets of certified plans (full size 24” x 36”) for the authorized endorsement of same by the Commission Chair.
3. After completion of conditions listed under (A 1-2) above, the original Notice of Decision must be filed on the land records in the Town Clerk’s office. The applicant will obtain the said original Notice from the Inland Wetlands Department. A copy of said recording, showing all marks of recording, shall be provided to the Inland Wetlands Department by the applicant.

** Extension of Time: The Applicant may request an extension of time. The Commission must receive a written time extension request (showing good cause as to why an extension should be granted) prior to the expiration of the initial 270 days. Upon receipt of said timely request, the Commission may grant a limited time extension if the Commission determines, in its sole discretion that granting the request would be consistent with the Act and Municipal Ordinances.

(B) Conditions to be addressed prior to construction (issuance of an IWC PERMIT – said permit will be in the form of a permit document, and/or final stamped/signed plans):

1. Address all above listed conditions.
2. Verification of easements must be provided, if applicable.
3. Provide a pre-construction storm water sampling following the protocol as detailed in exhibit 18 (Stormwater Sampling Protocol, by Milone and MacBroom, dated 4-27-16.)
4. A pre-construction meeting shall take place with the Wetland Agent prior to any disturbance or alteration to the site. This includes any tree or brush removal. Pre-construction meetings shall not be held until the final plans (as detailed above) have been signed by the Town and building permit has been issued (where applicable).
5. Issuance of Building Permit, if applicable.

(C) Conditions to be addressed prior to public use of the facility.

1. All work shall be substantially complete.
2. Address all above listed conditions.

3. An As-Built plan must be provided (progress print at this stage). Said As-Built must be superimposed on the original approved layout plan (to be shown in red or varied shading), and have adequate information to verify that all work was completed in compliance with this approval.

(D) Conditions to be addressed at completion of all improvements and prior to the final acceptance of the project.

1. Address all above listed conditions.
2. Submission of a final As-Built drawing.
3. Completion of all work, stabilization of all disturbed areas, removal of all siltation and erosion control measures, and restoration of all pre-application/site investigation areas within the individual lots.
4. Submission, acceptance, and filing of any/all easements, if applicable.
5. Completion of post-construction storm water sampling and analysis by an appropriate professional, as detailed and with the frequency and schedule indicated in exhibit 18 (Stormwater Sampling Protocol..., by Milone and MacBroom, dated 4-27-16), verifying no adverse changes to pre-construction conditions and/or no non-compliance issues relative to acceptable levels of sample constituents or appropriate standards.

(E) Standard Requirements:

1. Regulated activities herein shall be implemented by the permittee in accordance with the timing, location, duration, and intent proposed and approved by the Commission.
2. Sedimentation and erosion control measures must be installed prior to any commencement of site activity. Said measures must be regularly inspected prior to and subsequent to major storm events and maintained during construction and properly removed with all affected land restored prior to requesting final inspection. An authorized representative, responsible for all sedimentation and erosion control measures, must be registered with the Town Inland Wetlands Office, Public Works Office and Police Department in addition to being listed on the drawings (include a name, address, business telephone number, off-hours telephone number and other pertinent contact information). All sedimentation and erosion control measures must be provided and installed in accordance with the Connecticut State Department of Energy and Environmental Protection (DEEP) Guidelines for Soil Erosion and Sediment Control dated 2002, or as updated. In constructing the authorized activities, the permittee shall implement such management practices consistent with the terms and conditions of the permit as needed to control storm water discharges and to prevent erosion and sedimentation and to otherwise prevent pollution of wetlands and watercourses.
3. If a bond is not required as a specific condition of approval, the posting of a cash (bank check) or letter of credit may be required at any time during construction by the Inland Wetlands Commission, Inland Wetlands Agent and/or the Town Engineer for erosion controls or any approval requirements and/or Wetland mitigation measures, in an amount to be recommended by the Town Engineer and accepted by the Commission. Once work is complete, a request for bond release must be provided in writing.
4. In the event an appeal is taken from this decision, the applicant shall provide the Commission with three (3) sets of all plans, reports and documents that were submitted for the application within thirty (30) days.
5. Heating oil tanks shall not be buried anywhere on the property.
6. Plant species listed on the most current DEEP publication entitled "Non-native Invasive and Potentially Invasive Vascular Plants in Connecticut" shall not be introduced on the site.
7. The Applicant shall notify the Wetland Agent at least 48 hours prior to starting any work (including, but not limited to, grading or stumping) and upon completion of work.
8. The applicant shall submit any changes of the approved plans with a written request for permit amendment(s). The Commission and/or its Agent shall determine if said changes are acceptable under the permit or if a new application is required.
9. All work and all regulated activities conducted pursuant to the authorization shall be consistent with the terms, intent, and conditions of this permit. All structures, equipment, material, excavation, fill, clearing, encroachments, and activities not specifically identified and authorized herein shall constitute a violation of the permit. This may result in the modification, suspension, or revocation of the permit.

(F) Timing, Expiration and/or Transfer of Permit:

1. In accordance with Connecticut General Statutes, Section 8-3 (i), and the Town of Monroe Inland Wetlands and Watercourses Regulations, Section 11.7, any and all work associated with this approval must be completed within five (5) years of the date of an issued permit (note that a permit is issued only upon addressing all the conditions listed under “(A) Conditions to be addressed within 270 days of the Date of Approval”). However, the issuance of a permit does not allow for work to commence. Work shall only commence upon satisfactorily addressing all conditions listed under “(A) Conditions to be addressed within 270 days of the Date of Approval” and “(B) Conditions to be addressed prior to construction”. Up to one additional five (5) year extension may be requested in writing prior to expiration. **However, if work doesn’t commence until sometime within the five (5) year extension period, the applicant shall first submit a schedule detailing needed work to verify that there will be enough remaining time to complete all requirements prior to the expiration date.**
2. This permit is not transferable unless: the new owner provides the Commission with a signed acknowledgement that he or she understands and accepts the conditions of approval, a new replacement bond is established by the new owner, or an agreement between the original and new owner is provided, verifying that the original owner will still be responsible for meeting the conditions of approval.

THIS APPROVAL IS HEREBY ISSUED WITH THE FOLLOWING STATEMENTS, CLARIFICATION OF STANDARDS, CONDITIONS, AND PROCEDURAL REQUIREMENTS:

THIS APPROVAL IS NOT AN AUTHORIZATION TO START CONSTRUCTION.

If there are any questions relative to the conditions of approval, please call the Town prior to submitting the revised plans. This will avoid costly and time consuming revisions and reviews, therefore, expediting the process for you.

This Commission has relied in whole or in part on information provided by the applicant and if such information subsequently proves to be false, deceptive, incomplete or inaccurate, the permit may be modified, suspended or revoked.

This approval is subject to compliance with any and all Inland Wetlands Regulations of the Town of Monroe in addition to all other applicable Local, State and Federal requirements.

This approval does not derogate any present or future rights or powers of the Inland Wetlands Commission or the Town of Monroe, and conveys no rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state, and municipal laws or regulations pertinent to the subject land or activity.

If the activity authorized by this approval also involves an activity which requires zoning or subdivision approval, special permit, variance or special exception under sections 8.3(g), or 8-26 of the Connecticut General Statutes, no work pursuant to the wetland permit may begin until such approvals are obtained.

Violations of this approval (permit to be issued) may result in termination of associated tax abatements if applicable, as per Town Code, Section 470-30.

Variations from the approved plans must be addressed/discussed with the appropriate Town staff during construction with the resolution and verification of same documented in writing.

This decision is consistent with the purposes of the Monroe Inland Wetlands and Watercourses Regulations which are designed to protect the citizens of the town of Monroe by providing a balance between the need for growth, development and enjoyment of the natural resources of Monroe with the need to protect its environment and ecological stability.

This approval letter may also serve as the Inland Wetlands Commissions Report to the Planning and Zoning Commission (where applicable).

-End-

cc: Mr. Daniel J. Kroeber
Milone & MacBroom, Inc.
99 Realty Drive
Cheshire, CT 06410