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ARCHITECTS & ENGINEERS

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**Addendum**

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Mahopac Central School District  
Mahopac, New York

SED NO. 48-01-01-06-0-004-020  
48-01-01-06-0-006-013  
48-01-01-06-0-003-008  
48-01-01-06-5-010-009  
48-01-01-06-7-026-001

Reconstruction at  
Mahopac High School  
Mahopac Middle School  
Mahopac Falls School  
Bus Garage  
New Pump House

Tt Project No. 121111-19002

BID Addendum No. 4  
to  
Drawings and Project Manual

March 1, 2021

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To: BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:  
Original DRAWINGS dated August 21, 2020.  
PROJECT MANUAL dated August 21, 2020, BID ADDENDUM NO. 1, dated February 12, 2021, BID ADDENDUM NO. 2, dated February 16, 2021 and BID ADDENDUM NO. 3, dated February 22, 2021.

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of (9) pages and the following:

**ATTACHMENTS**

PRE-BID REQUEST FOR INFORMATION QUESTIONS/ANSWERS

**NEW PROJECT MANUAL SECTIONS**

SECTION 01 12 00 – SUMMARY OF PROJECT - HS SITE LOGISTICS PLAN ATTACHMENT  
SECTION 01 12 00 – SUMMARY OF PROJECT - MS SITE LOGISTICS PLAN ATTACHMENT  
SECTION 26 08 00 – COMMISSIONING OF ELECTRICAL

**NEW DRAWINGS (8-1/2 x 11)**

AC01B Trench Drain - Section

**REISSUED DRAWINGS (30 x 42)**

AE132 Second Floor Lighting Plan  
AE600 Schedules  
ZC505 Site Details

**PROJECT MANUAL MODIFICATIONS**

ITEM 4-C-1: Refer to SECTION 00 01 10 - TABLE OF CONTENTS – VOLUME 2

1. Division 26, ADD the following:

“26 08 00 Commissioning of Electrical”

ITEM 4-C-2: Refer to SECTION 01 08 00 - GENERAL COMMISSIONING REQUIREMENTS

1. Part 3, ADD the following:

“3.11 STANDARD AND CORE COMPLIANCE

A. Commissioning will be accomplished to comply with, and in accordance with the requirements of the following:

1. New York State Energy Conservation Code (NYSECC)

3.12 SYSTEMS TO BE COMMISSIONED

A. The following systems will be commissioned in this project. The Owner and the CxA reserves the right to amend this list at any time during the construction and acceptance process.

1. HVAC Systems
2. Direct Digital Control System
3. Air Handling Systems
4. Dedicated Outside Air System
5. Direct Expansion Evaporators and associated Condensing Units
6. Exhaust System and Fans
7. Ducted Air Systems
8. Roof Top Units
9. Unit Ventilators
10. Cabinet Unit Heaters
11. Fan Coil Units
12. Vehicle Exhaust System
13. Make Up Air Units
14. Variable Refrigerant Flow System
15. Lighting Controls”.

ITEM 4-C-3: Refer to SECTION 01 12 00 – SUMMARY OF PROJECT

1. ADD HS Site Logistic and MS Site Logistics attached to this addendum to end of section.

## PROJECT MANUAL MODIFICATIONS - ARCHITECTURAL

ITEM 4-C-4: Refer to SECTION 08 56 53 – SLIDING SECURITY WINDOWS

1. Paragraph 2.2, F., 1., AMEND to read as follows:

“1. Type SCL: Clear laminated-glass security glazing:

- a. Basis-of-Design Product: Subject to compliance with requirements, provide Laminated Technologies Inc.; SG5 by School Guard Glass, or comparable product.
- b. Safety glazing required.”

ITEM 4-C-5: Refer to SECTION 08 71 00 – DOOR HARDWARE

1. Paragraph 1.6, ADD the following:

“D. Fire Rated Hardware Coordination: For doors and openings that are fire rated and require specific hardware to maintain fire ratings when tested as a component of the rated opening, provide submittals for the specific hardware items that are required to maintain the fire ratings indicated.”

ITEM 4-C-6: Refer to SECTION 08 88 00 – GLAZING

1. Paragraph 2.4, ADD the following:

“C. Laminated Glass: ASTM C1172. Use materials that have a proven record of no tendency to bubble, discolor, or lose physical and mechanical properties after fabrication and installation.

1. Construction: Laminate glass with polyvinyl butyral interlayer to comply with interlayer manufacturer's written instructions.
2. Interlayer Thickness: Provide thickness not less than 0.060 inch and as needed to comply with requirements.
3. Interlayer Color: Translucent – provide samples for selection.
4. Appearance: Provide laminated glass without haze and with visual clarity and transparency indistinguishable from clear fully tempered float glass.
5. Type **HCL**: Two plies of clear heat-strengthened float glass laminated.
  - a. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated in the Work include, but are not limited to:
    - 1) AGC Glass Company North America, Inc.
    - 2) Guardian Glass, LLC.
    - 3) Vitro Architectural Glass.
  - b. Minimum Thickness of Each Ply: 3 mm.
  - c. Safety glazing required.”

2. Paragraph 2.5, ADD the following:
  - “D. Fire-Protection-Rated Laminated Ceramic Glazing: Laminated glass made from two plies of clear, ceramic glass; complying with 16 CFR 1201, Category II.
    1. Type FPC: Fire-protection-rated laminated ceramic glazing.
      - a. Products: Subject to compliance with requirements, available products that may be incorporated in the Work include, but are not limited to:
        - 1) Safti First Fire Rated Glazing Solutions; Pyran Platinum L.
        - 2) Technical Glass Products; FireLite Plus.
      - b. Rating: As indicated on Drawings.
      - c. Thickness: 8-9 mm.
      - d. Safety glazing required.”
3. Paragraph 2.6, B., 1., a., 1), AMEND to read as follows:
  - “1) Technical Glass Products, Pilkington Pyrostop (clear or translucent intumescent interlayer where indicated on drawings).”
4. Paragraph 2.6, B., 1., e., AMEND to read as follows:
  - “e. Refer to drawings for locations of clear vs. translucent intumescent interlayer.”

**PROJECT MANUAL MODIFICATIONS - LANDSCAPE**

ITEM 4-C-7: Refer to SECTION 33 41 00 – STORM UTILITY DRAINAGE PIPING

1. Paragraph 2.11, A., 5., AMEND to read as follows:
  - “5. Basis of Design:
    - a. For 24” Clear Openings - Similar to Frame “Model #V5626 and Grate “Type M3 ADA Grate” V5726-80 by East Jordan Iron Works, Inc.
    - b. For 30” Clear Openings - Similar to Frame “Model #V5630 and Grate “Type M3 ADA Grate” V5630-80 by East Jordan Iron Works, Inc.”
2. Paragraph 2.12, A., 1., AMEND to read as follows:
  - “. . . provide SC-740 and MC-3500 chamber system . . .”
3. Paragraph 2.12, A., 2., ADD the following:
  - “a. Chamber dimensions and capacity:
    - 1) Small Chamber
      - a) Installed Size (L x W x H): 85.4” x 51.0” x 30.0”
      - b) Storage volume: 45.9 ft<sup>3</sup> (chamber alone)
      - c) Storage volume: 74.9 ft<sup>3</sup> (with 6” stone base)

- b. Chamber dimensions and capacity:
  - 1) Large Chamber
    - a) Installed Size (L x W x H): 86.0" x 77.0" x 45.0"
    - b) Storage volume: 109.9 ft<sup>3</sup> (chamber alone)
    - c) Storage volume: 178.9 ft<sup>3</sup> (with 9" stone base)."

4. Paragraph 2.14, A., ADD the following:

"4. Outlet Structure Frame and Cover Basis of Design – Clear round opening size: 32", Similar to Frame "Model #V1610-6 and Cover "V1610-4" by East Jordan Iron Works, Inc.

#### **DRAWING MODIFICATIONS - ARCHITECTURAL**

ITEM 4-C-8: Refer to DRAWING AA100

- 1. Detail 5, STOR. 106D and SHOWER 106E Rooms, ADD the following note:

"ROOMS HAVE WALL TILE."

ITEM 4-C-9: Refer to DRAWING AA104

- 1. Doors L101-2, L101-2, L101-3 & L101-4, AMEND the plan to show 4" portions of Wall Type P13.3 between each of the doors in order to create 4 separate aluminum frame door openings instead of these 4 doors being contained within one frame unit.

ITEM 4-C-10: Refer to DRAWING AA600

- 1. Storefront Type S1, AMEND the glass type to read as follows:

"SCL."

- 2. Storefront Type S1, ADD the following note:

"SLIDING SECURITY WINDOW."

- 3. Storefront Type S14 and S1, AMEND the glass type to read as follows:

"FC AND HCL."

- 4. Storefront Type S5, AMEND the Door to Type G2 in the elevation with the door glazing hatched gray.

- 5. Door Schedule, AMEND Doors L101-1, L101-2, L101-3 & L101-4 to each have Frame Type F2.

- 6. Door Schedule, AMEND Doors L101-1, L101-2, L101-3 & L101-4 to each be Door Type G2.

- 7. Door Schedule, AMEND Doors 235-1, 238-1, 239-1, 242-1, 243-1 and 244-1 to each be Door Type G2.

- 8. Note which reads, "GRAY HATCHED GLASS AREAS ARE ACID ETCHED GLASS", AMEND to read as follows:

"GRAY HATCHED GLASS AREAS CONTAIN A TRANSLUCENT INTERLAYER BETWEEN GLASS PLIES. REFER TO GLAZING SPEC FOR ADDITIONAL INFORMATION."

ITEM 4-C-11: Refer to DRAWING AA161

1. Detail 4, ADD Detail 17/AA750 keyed into the ceiling openings in rooms Science 234 and Physics 238. The detail applies to the entire perimeter of the ceiling openings. Lighting shown on electrical drawings will be surface mounted to the ceiling perimeter trim around the openings.

**DRAWING MODIFICATIONS - LANDSCAPE**

ITEM 4-C-12: Refer to DRAWING AC100

1. Keynote #3 indicated in sheet grid locations J-6 and J-8, AMEND to read as follows:  
“Keynote #19.”
2. Keynote #26 in sheet grid locations H-10 and I-10, AMEND to read as follows:  
“Keynote #19.”
3. Keynote Notes, ADD the following:  
“45. REINSTALL EXISTING CHAIN LINK FENCE SECTION TEMPORARILY REMOVED AND STORED, TO ALLOW WATER LINK INSTALLATION WHERE INDICATED.” ADD LABEL TO SHEET GRID LOCATION J-16 REFERENCING SECTION OF TEMPORARY FENCE REMOVAL INDICATED AS KEYNOTE 26 ON SHEET AC100.”

ITEM 4-C-13: Refer to DRAWING AC120

1. Detail 1, AMEND “PROPOSED WATER TANK” to read as follows:  
“FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANK”.
2. Detail 1, AMEND “PROPOSED BUILDING” to read as follows:  
“PUMP HOUSE”.
3. DELETE Site Layout Keynote #29 in its entirety. DELETE Site keynote labels #29 from drawing indicated at sheet grid locations G-5 and G-11.
4. DELETE Site Layout Keynote #30 in its entirety. DELETE Site keynote labels #30 from drawing indicated at sheet grid locations F-5 and F-11.
5. Site Layout Keynote #25, ADD the following text:  
“TREE HEIGHT TO BE 6-8 FOOT *SPECIMEN* TREE. SHRUBS TO BE 2-GALLON CONTAINER SIZE.”
6. Site Layout Keynote #26, ADD the following text:  
“SHRUBS TO BE 2-GALLON CONTAINER SIZE.”

7. Site Layout Keynote #33, ADD the following text:

“NOTE: COMPLY WITH THE LIMITS OF DISTURBANCE / RESEEDING REQUIREMENTS INDICATED ON THE DRAWINGS. REFER TO THE SPECIFIED EARTHWORK REQUIREMENTS REGARDING TOPSOIL STRIPING AND MATERIAL STOCKPILING. THE 6" TOPSOIL FOR THE SEEDING AREAS WOULD APPLY ONLY TO THOSE AREAS CLEARED AND DISTURBED FOR DEMO AND IMPROVEMENTS.”

8. Site Layout Keynote #32, AMEND detail reference to read as follows:

“Detail 4 / ZC506”.

9. Keynotes, ADD the following:

“45. REINSTALL EXISTING CHAIN LINK FENCE SECTION TEMPORARILY REMOVED AND STORED, TO ALLOW WATER LINK INSTALLATION WHERE INDICATED.” ADD LABEL TO SHEET GRID LOCATION J-16 REFERENCING SECTION OF TEMPORARY FENCE REMOVAL INDICATED AS KEYNOTE 26 ON SHEET AC100.”

ITEM 4-C-14: Refer to DRAWING AC121

1. Detail 3, AMEND “PROPOSED WATER TANK” to read as follows:

“FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANK”.

2. Detail 3, AMEND “PROPOSED BUILDING” to read as follows:

“PUMP HOUSE”.

ITEM 4-C-15: Refer to DRAWING AC130

1. Detail 1, AMEND “PROPOSED WATER TANK” to read as follows:

“FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANK”.

2. Detail 1, AMEND “PROPOSED BUILDING” to read as follows:

“PUMP HOUSE”.

ITEM 4-C-16: Refer to DRAWING AC131

1. Detail 3, AMEND “PROPOSED WATER TANK” to read as follows:

“FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANK”.

2. Detail 3, AMEND “PROPOSED BUILDING” to read as follows:

“PUMP HOUSE”.

ITEM 4-C-17: Refer to DRAWING AC140

1. Detail 1, AMEND “PROPOSED WATER TANK” to read as follows:

“FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANK”.

2. Detail 1, AMEND “PROPOSED BUILDING” to read as follows:

“PUMP HOUSE”.

ITEM 4-C-18: Refer to DRAWING AC141

1. Detail 3, AMEND “PROPOSED WATER TANK” to read as follows:

“FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANK”.

2. Detail 3, AMEND “PROPOSED BUILDING” to read as follows:

“PUMP HOUSE”.

ITEM 4-C-19: Refer to DRAWING BC120

1. Site Layout Keynote #29, AMEND to read as follows:

“29. 8-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE AT PERIMETER OF SYNTHETIC TURF FIELD AND PERIMETER CURB. SEE DETAIL 7 / ZC503 AND DETAIL 5 AND 6 / ZC501.”

ITEM 4-C-20: Refer to DRAWING ZC501

1. Site Detail #2, DELETE in its entirety.

2. Site Detail #3, DELETE in its entirety.

3. Site Detail #6, ADD the following notes:

“a. NOTE #1: WHERE INSTALLATION OF BALLSTOPPER WITH COMBINED CHAIN-LINK FENCE AND CURB (HIGH SCHOOL) PER DETAIL #4, SHEET ZC506, IS REQUIRED, NO SEPARATE PERIMETER CURBING WILL APPLY, AND SYNTHETIC TURF NAILER WILL BE INSTALLED DIRECTLY TO THE SYSTEM FOUNDATION.

b. NOTE #2: WHERE INSTALLATION OF CHAIN-LINK FENCE ONLY (MIDDLE SCHOOL), PER DETAIL #2, SHEET ZC501, IS REQUIRED, NO SEPARATE PERIMETER CURBING WILL APPLY, WITH SYNTHETIC TURF NAILER INSTALLED DIRECTLY TO THE CHAIN LINK FENCE FOUNDATION. NOTE THAT SYNTHETIC TURF EDGE, PER THIS DETAIL, WILL THEREFORE CREATE A CONTINUOUS LENGTH OF CURB NAILER SURFACE WHEN COMBINED WITH CHAIN LINK FENCE FOUNDATIONS.”

ITEM 4-C-21: Refer to DRAWING ZC502

1. DELETE Site Detail #3 in its entirety and, ADD new Drawing AC01B attached to this addendum.

ITEM 4-C-22: Refer to DRAWING ZC505

1. DELETE drawing in its entirety and, ADD new drawing attached to this addendum.



**DRAWING MODIFICATIONS - MECHANICAL**

ITEM 4-C-23: Refer to DRAWING AM102

1. Note, 9, AMEND to read as follows:

“9. PROVIDE SEPARATE ¾” HWS, HWR TO EACH FTR IN ROOMS 111, 113, AND 115. FTR SHOULD BE PIPED IN PARALLEL AS OPPOSED TO IN SERIES.”

**DRAWING MODIFICATIONS - ELECTRIC**

ITEM 4-C-24: Refer to DRAWING AE132

1. DELETE drawing in its entirety and, ADD new drawing attached to this addendum.

ITEM 4-C-25: Refer to DRAWING AE600

1. DELETE drawing in its entirety and, ADD new drawing attached to this addendum.

**END OF ADDENDUM**





**INSTRUCTIONS TO BIDDERS**  
**ATTACHMENT #1:**  
**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** 2/16/2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

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**Bidder Contact Person:** Stephanie Weber  
**Bidder Company Name:** Bertussi Contracting Inc  
**Bidder Phone:** 845-538-4234  
**Bidder Email Address:** sweber@bertussis.com

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**Question Pertains to:** Controls

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

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**Question: (Please be specific)**

With regard to the RFI response on the HVAC Controls, I understand it is a Johnson Controls systems, but wanted to confirm that the controls portion is being carried/paid by the owner and not the HVAC Prime. The summary of work indicates controls are a State Contract (see attached.) Also under the HVAC summary of work it states controls is included in the HVAC contract for coordination and ancillary purposes only.

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**Review by Architect/Engineers:** \_\_\_\_\_ **Responded By:** HR/TPG **Date:** 02-26-21

Please refer to spec section 23 09 00 INSTRUMENTATION AND CONTROL FOR HVAC  
Also to refer to spec section 01 12 00 1.14 STATE CONTRACT - CONTROLS WORK

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Submit requests not less than 5 working days prior to the specified Bid Opening date and time. In the event that this question requires clarification or modification of the Bidding Documents, such written information can only be provided by formal Addendum, distributed to all plan holders.

13. Provide traffic control for deliveries, and equipment needed to perform the work of their own Prime Contract.
14. Provide protection of its own finished Work, after installation, until accepted by the Owner.
15. Provide fire caulking for any penetration related to the work for its own Prime Contract.
16. Provide final cleaning per Spec Section 01 77 00.
17. Provide any office and storage trailers required to complete the work of their own Prime Contract.
18. Provide for a thorough final cleaning of the site, building, and equipment provided under their Prime Contract immediately before the final inspection. Each Prime Contractor is responsible for cleaning and dust and debris generated from the work of their own Contract.
  - a. Maintain areas in a cleaned condition until the Owner occupies the space.
  - b. Personnel: Experienced workman or professional cleaners approved by the Construction Manager.

#### 1.5 SUMMARY OF WORK

- A. The work will be constructed under multiple prime contracts. One set of contract documents is issued covering the multiple contracts. Each Prime Contract is defined as:
  1. CONTRACT 1 GC - GENERAL CONSTRUCTION WORK
  2. CONTRACT 2 PC - PLUMBING WORK
  3. CONTRACT 3 MC - MECHANICAL WORK
  4. CONTRACT 4 EC - ELECTRICAL WORK
  5. CONTRACT 5 AB - HAZARDOUS MATERIALS WORK
  6. CONTRACT 6 CE – CASEWORK AND LAB EQUIPMENT WORK
  7. CONTRACT 7 SW – SITE CONSTRUCTION WORK
  8. STATE CONTRACT – BUILDING CONTROLS (*for coordination purposes*)

#### 1.6 WORK UNDER SEPARATE CONTRACTS

- A. The project will be constructed under a multiple-prime contracting arrangement
- B. One set of documents is issued covering all multiple prime contracts. Each prime contractor is to review ALL drawings and specifications for complete understanding and knowledge of the work.
- C. The following Contract Documents are specifically included and defined as integral to each Prime Contract.
  1. Bidding Requirements
  2. Performance and Payment Bonds
  3. Conditions of the Contract, including
    - a. General Conditions & Supplementary Conditions
    - b. Insurance Requirements
    - c. NYS Prevailing Wage Rates.
- D. Extent of Contract: Unless the Contract Documents contain a more specific description of the Work, names and terminology on Drawings and in Specification Sections determine which contract includes a specific element of Project.

- u. Connections below Science Casework counters (by Plumbing, Mechanical, and Electrical Contractors)
  - v. Provide owner training / commissioning of equipment and controls
  - 6. General Requirements, including but not limited to, additional items specifically indicated as the Work of this Contract.
  - 7. Provide multiple shift work as needed to complete work as shown on milestone schedule. Schedule shows a significant amount of work to be performed second shift. ***“Two Work Shifts” will be required to perform the scheduled work.***
- B. ***Section 23 09 00 - Instrumentation and Control for HVAC, is included in the HVAC Contract but for coordination and ancillary work purposes only. Coordinate with the Controls Contractor during all demolition and new work. Provide ancillary controls work as stated. Extensive coordination between HVAC & Controls contractor will be required as portions of the existing building are brought on line with the new equipment. Both contractors will be responsible to ensure all systems remain active as necessary to provide adequate heat to various sections of the building and the owner must have control over both old and new systems during construction.***
- C. The Work of the MECHANICAL Work Contract includes but is not limited to the Work that is specified in the Project Manual(s) and as shown on the drawings that form the contract plans. The Contractor is directed to examine all drawings since certain details and/or notes may appear anywhere therein that apply to his/her particular work. This prime contract is defined as, and includes, all Sections in the Divisions indicated by reference, and specific Sections noted:
- 1. Division 0 –Procurement and Contracting Requirement, all Sections.
  - 2. Division 1 –General Requirements all Sections, including Temporary Facilities indicated
  - 3. Section 07 84 13, Through Penetration Firestop Systems, as required for the Work of this Contract
  - 4. Section 07 92 00, Joint Sealants, as required for the Work of this Contract
  - 5. Division 23 – HVAC, all Sections.
- 1.10 CONTRACT 4 - ELECTRICAL WORK CONTRACT
- A. Work of this Contract includes, but is not limited to, the following descriptions:
- 1. Includes Electrical Distribution Service, Lighting, CATV systems, Communications, Fire Alarm, Intercom Systems, Security Systems, Emergency Lighting, and other systems traditionally recognized as Electrical work. This includes but is not limited to, all work shown on the Electrical Drawings, and applicable information shown on all other Drawings, unless noted otherwise. It also includes administrative and coordination responsibilities.
    - a. Drawings:
      - 1)All “G” series Drawings (General)
      - 2)All “AG, BG series Drawings (Code Compliance)
      - 3)All “AE, BE, FE, GE, HE” series Drawings (Electrical)
      - 4)All (Architectural) drawings as required for coordination of penetration work
  - 2. Coordination:
    - a. Coordination with the work of all of the other contractors.
  - 3. Demolition:
    - a. Removal of items as shown and/or required.
    - b. Removal and disconnections of electrical devices in walls, ceilings and floors scheduled to be removed in the portion of the building to remain.



**INSTRUCTIONS TO BIDDERS**  
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**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetratech.com](mailto:INE.Mahopac@tetratech.com)**

**Project No.:** 121111-19002

**Date:** 2/17/21

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Frank Grange  
**Bidder Company Name:** Darlind Associates Inc  
**Bidder Phone:** (845) 223-5115  
**Bidder Email Address:** f.grange@casi-ny.com  
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**Question Pertains to:** See Below

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**Question: (Please be specific)**

1. According to the revised door schedule (sheet AA600) from addendum #1, doors L101-1 through L101-4 (S3's) are "Alum" and 60 min. fire rated. PLEASE CONFIRM.
2. Vendor states that specific door hardware be provided to maintain the tested Fire Rating. This includes Von Duprin Panics, LCN closer, welded on hinges etc. This applies to S3?, S4, S5, and S6. Please confirm these deviations from Hardware spec.
3. The door schedule lists Glass Type FPC for doors 242, 243, & 244. However, this is NOT listed in the 088000 Glazing spec. PLEASE CLARIFY.
4. Spec 085653 is for Sliding Security Windows. We cannot find any on the drawings. Is window type S1 (represented as fixed) supposed to be of this type? If not, please advise.

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**Review by Architect/Engineers:**

**Responded By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Timothy Stevens 2/25/21**

- 1 - S3 doors are 60 min. rated aluminum doors per the documents, additional information will be provided in bid addendum #4
- 2 - deviations required to maintain fire ratings are acceptable and will be identified in bid addendum #4.
- 3 - FPC glazing is correct for these doors and will be identified in bid addendum #4
- 4 - will be clarified in bid addendum #4

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Submit requests not less than 5 working days prior to the specified Bid Opening date and time. In the event that this question requires clarification or modification of the Bidding Documents, such written information can only be provided by formal Addendum, distributed to all plan holders.



**INSTRUCTIONS TO BIDDERS**  
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**Project No.:** 121111-19002

**Date:** 2/18/21

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** [Frank Grange](#)  
**Bidder Company Name:** [Darlind Associates Inc](#)  
**Bidder Phone:** (845) 223-5115  
**Bidder Email Address:** [f.grange@casi-ny.com](mailto:f.grange@casi-ny.com)

-----  
**Question Pertains to:** [See Below](#) ( also see attachments)

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**Question: (Please be specific)**

Question from subcontractor bidder :

Doors #L101-1,2,3,4 (also reference attached)

Our Fire rated door/frame supplier can NOT do a bank of 4 doors with single frames between.  
Also, they can NOT do the "Gun-Slot" glass in a full "flush" door.

We would need to use the same full height glass Designer doors as we are using in the other elevations. Also and most important, we need to divide these into 4 separate single door/frame units. These would be separated with either a small section of "wall", or perhaps a steel tube. The steel and any structural calcs if needed would be By Others.

Please advise

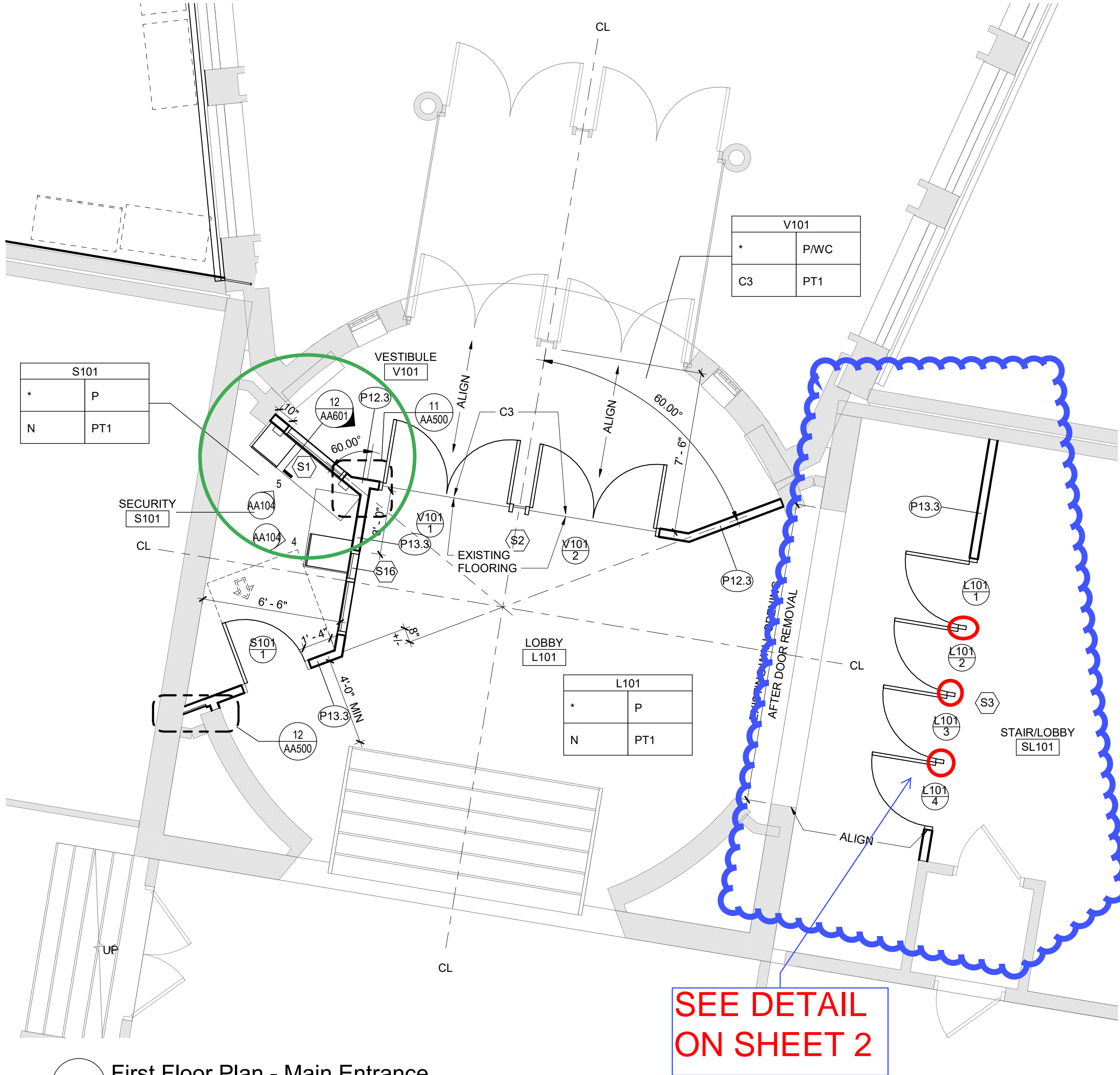
-----  
**Review by Architect/Engineers:**

**Responded By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

additional information for  
these doors will be  
provided in bid  
addendum #4

**Timothy Stevens 2/25/21**

-----  
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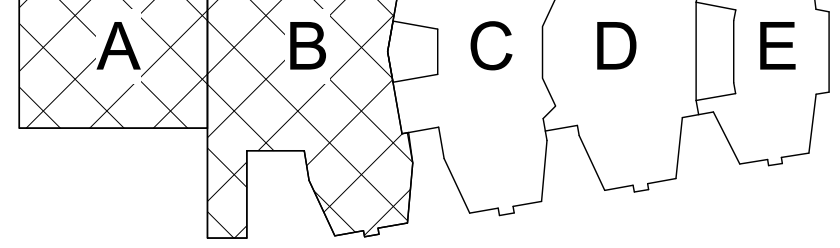


V101	
*	P/WC
C3	PT1

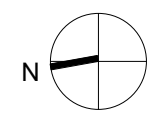
S101	
*	P
N	PT1

L101	
*	P
N	PT1

**SEE DETAIL  
ON SHEET 2**

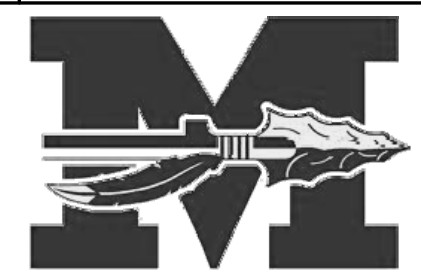


Key Plan  
N.T.S.



S.E.D. Control No. 48-01-01-06-0-004-020

Rev. No.:	Date:	Description:



complex world  
**CLEAR SOLUTIONS**  
Tetra Tech Engineers, Architects  
& Landscape Architects, P.C.

**BID SET**



Mahopac Central School District  
Mahopac, NY

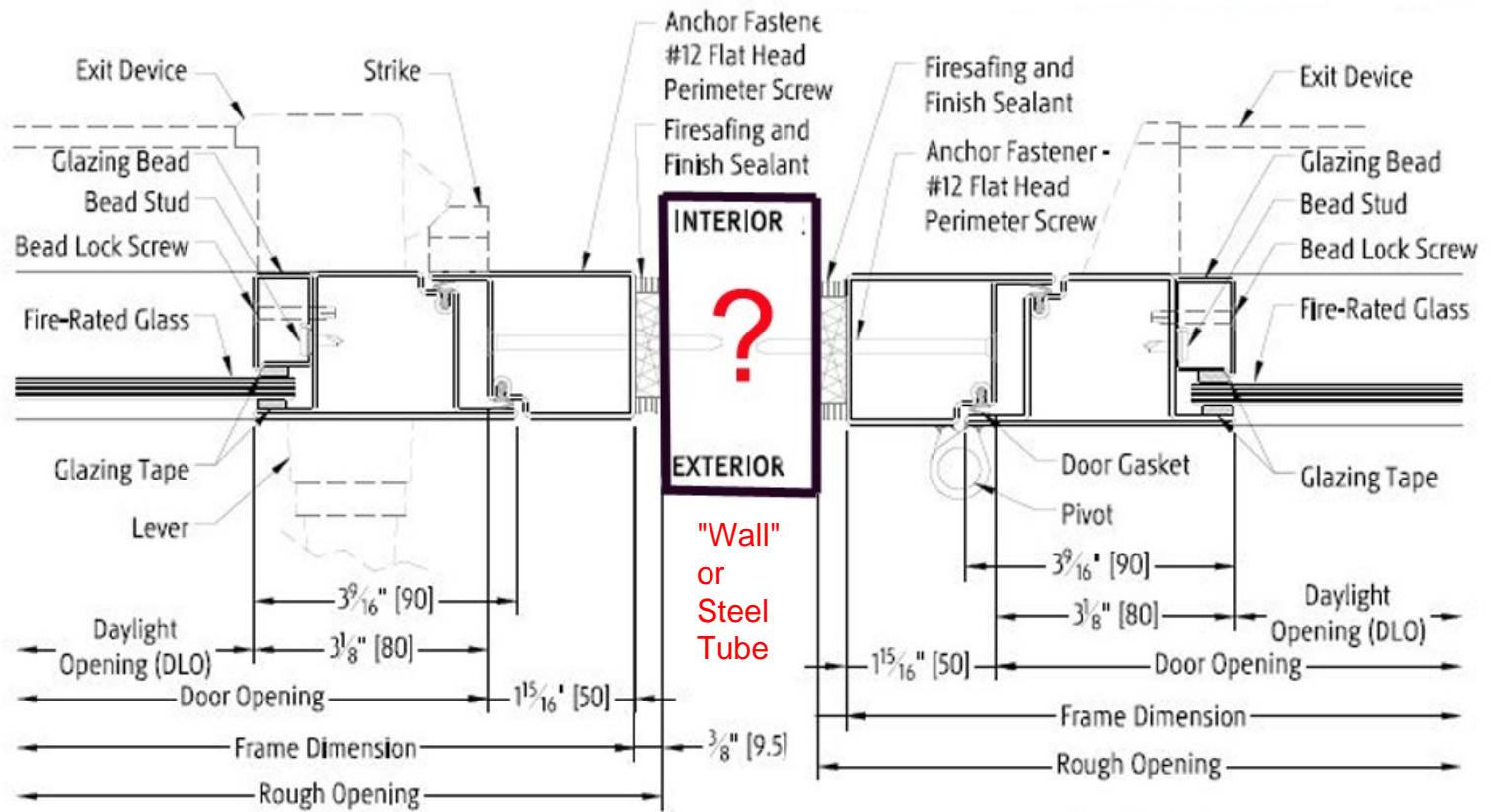
Reconstruction To:  
Mahopac High School

First Floor Plan - Main Entrance,  
Serving Area and Locker Room

Drawn By: TS	Date: 8/21/20	Drawing Number: <b>AA104</b>
Project No.: 121111-19002		

**2** First Floor Plan - Main Entrance  
1/4" = 1'-0"





18 **Locking Jamb**

**Figure 31 - Standalone Door Jamb at Lever Side**

17 **Pivot Jamb**

**Figure 30 Standalone Door Jamb at Pivot Side**



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**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetratech.com](mailto:INE.Mahopac@tetratech.com)**

**Project No.:** 121111-19002

**Date:** 02/19/2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

---

**Bidder Contact Person:** Mathew DeRosa  
**Bidder Company Name:** DeRosa Sports Construction Inc.  
**Bidder Phone:** 914-341-1506  
**Bidder Email Address:** Matt@derosasports.com

**Question Pertains to:**

**Drawing Number:** AE-002  
**Plan Area:** N/A  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

**Question: (Please be specific)**

Please clarify if contract #7 SW is responsible for score board installation, foundations for scoreboard, or necessary electric to power the unit.

---

**Review by Architect/Engineers:**

**Responded By:** HR/TPG **Date:** 02-26-2021

**Spec Section 26 58 10 FOOTBALL/LACROSSE SCOREBOARD**  
**Contract 4 - Electrical Contract**

---

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**Bidder Contact Person:** Mathew DeRosa  
**Bidder Company Name:** DeRosa Sports Construction Inc.  
**Bidder Phone:** 914-341-1506  
**Bidder Email Address:** [Matt@derosasports.com](mailto:Matt@derosasports.com)

**Question Pertains to:**

**Drawing Number:** BE-001  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

**Question: (Please be specific)**

Please clarify if contract #7 SW is responsible for light pole installation, light pole bases or any associated work for the lights.

---

**Review by Architect/Engineers:**

**Responded By:** HR/TPG **Date:** 02-28-2021

Please refer to Specification Section 01 12 00 Contract 7 - Site Work 1.13 B 3.  
Division 3 – Concrete - all Sections.  
Please also to refer to Spec Section 03 48 10 issued in Addendum 002  
02-16-2021

---

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**Bidder Company Name:** DeRosa Sports Construction Inc.  
**Bidder Phone:** 914-341-1506  
**Bidder Email Address:** [Matt@derosasports.com](mailto:Matt@derosasports.com)

**Question Pertains to:**

**Drawing Number:** BE-001  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

**Question: (Please be specific)**

Please clarify if contract #7 SW is responsible for light pole installation, light pole bases or any associated work for the lights.

---

**Review by Architect/Engineers:**

**Responded By:** HR/TPG **Date:** 02-06-2021

Please refer to Specification Section 01 12 00 Contract 7 - Site Work 1.13 A.5.o Electrical Contractor is responsible for Pre-cast Light Pole Bases and Light Poles.

---

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**Project No.:** 121111-19002

**Date:** 2-25-2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

---

**Bidder Contact Person:** Chris Fracassa  
**Bidder Company Name:** Gianfia Corp.  
**Bidder Phone:** (914) 358-4601  
**Bidder Email Address:** cfracassa@gianfiacorp.com

---

**Question Pertains to:** Trench Drain

**Drawing Number:** ZC502  
**Plan Area:** N/A  
**Room Number:** N/A  
**Drawing Detail Number:** N/A  
**Specification Section:** 33 41 00 Page 7

---

**Question: (Please be specific)**

#1. Trench Drain detail 3 on drawing ZC502 notates 4,000 psi reinforced concrete without showing any reinforcement in detail. If reinforcement is required, please provide type, size, and spacing of reinforcement be specified.

---

**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 03 / 01 / 2021

Refer to forthcoming Addendum #4.

---

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**Project No.:** 121111-19002

**Date:** 2/24/21

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Karen Panarella  
**Bidder Company Name:** Joe Lombardo Plumbing & Heating of Rockland Inc  
**Bidder Phone:** 845-357-6537  
**Bidder Email Address:** karen@josephlombardo.com

-----  
**Question Pertains to:** Water Tank & Foundation

**Drawing Number:** AC140, Detail 2 on ZC504  
**Plan Area:** N/A  
**Room Number:** N/A  
**Drawing Detail Number:**  
**Specification Section:** 221219 facility ground mounted potable water storage tank

-----  
**Question: (Please be specific)**

please clarify which contractor is responsible for purchasing & installing the ground mounted potable water storage tank

-----  
**Review by Architect/Engineers:** **Responded By:** HR/KC-TPG **Date:** 02-24-21

Please see Addendum 003 issued on 02-22-2021 Specification Section 22 12 19  
Refer to Drawing AP600 Hydro-pneumatic Tank Schedule

-----  
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**Bidder Company Name:** Joe Lombardo Plumbing & Heating of Rockland Inc  
**Bidder Phone:** 845-357-6537  
**Bidder Email Address:** karen@joseplombardo.com

---

**Question Pertains to:**

**Drawing Number:** AM102  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:** Detail #9  
**Specification Section:**

---

**Question: (Please be specific)**

As per drawing AM 102 Keynote #9 is duplicated.  
One of the note #9 states for us to provide separate ¾" HWS & R lines to FTR in rooms 125,129 & 131. The rooms indicated in note 9 appear on same drawing area C which has a note 6 telling us to just provide 2 separate control valves for existing FTR.  
Note 9 appears on drawing area B, but the rooms don't match.  
Please advise

---

**Review by Architect/Engineers:**

**Responded By:** DPM **Date:** 03/01/2021

**Refer to forthcoming Bid Addendum No. 4**

---

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**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Michael Potthoff  
**Bidder Company Name:** McHugh Furnishings  
**Bidder Phone:** 631-533-5074  
**Bidder Email Address:** mpotthoff@mchif.com  
-----

**Question Pertains to:** Mahopac High School- Science

**Drawing Number:** AA102  
**Plan Area:** STEM and Science Labs  
**Room Number:** Rooms 111, 113, 115 and 234, 234A, 235, 238, 239, 242, 243, 244  
**Drawing Detail Number:** #5 Epoxy Countertop Edge  
**Specification Section:** 123213 Manufactured Wood Veneer Faced Casework

**Question: (Please be specific)**

- 1) Spec Section 123213- 2.3A. Please confirm lipped overlay with radius wood edges. - per spec
- 2) Spec Section 123213- 2.3B States White Maple, while 2.3F states Oak. Please confirm Maple. refer to addendum
- 3) Spec Section 123213-2.3D & 2.3E. 2.3D States continuous matching of adjacent drawer fronts with cabinets. 2.3E States grain direction as vertical on doors and horizontal on drawer fronts. Please clarify.
- 4) Spec Section 123213- 2.4L States solid surface window sills. We would like to supply Phenolic sills in the Science areas to match the epoxy tops. Please confirm this is an acceptable alternate.
- 5) Detail #5, Dwg AA102 shows bevel edge with radius corners. Please confirm this is required and is for all locations- including table tops.

**Review by Architect/Engineers:**

**Responded By:** mhhunt    **Date:** 2-23-21

- 1) response - Per spec
- 2) response - Refer to addendum
- 3) response - Per spec
- 4) response- not all sills are solid surface, refer to all details for correct material
- 5) refer to all details doe areas of radius corners

-----  
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**Date:** 2/22/21

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Carlos Flores  
**Bidder Company Name:** Mehl Electric  
**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com

-----  
**Question Pertains to:** HIGH SCHOOL FIRE ALARM VENDOR

**Drawing Number:** AE200  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

-----  
**Question: (Please be specific)** 1. In response to your RFI answer that the FA system is a notifier system, this does not help us. The school should have a vendor that works with the district. Notifier is simply a manufacturer. We need to know who the Vendor is so we can reach out to them specifically and get a quote. Please provide that information.

-

**Review by Architect/Engineers:**

**Responded By:** CREGA **Date:** 2/23/21

**Joe Lombardi of Doyle Security**

-----  
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**Bidder Contact Person:** Carlos Flores  
**Bidder Company Name:** Mehl Electric  
**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com

-----  
**Question Pertains to:** UG ELECTRIC REROUTING

**Drawing Number:** AE001 & AE002  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

-----  
**Question: (Please be specific)** 1. New Addendum 3 AE001&002 show that we are to relocate and existing underground circuit, can you provide size of conduit and wire so we know what we need to extend and size of pullbox to provide?

**Review by Architect/Engineers:**

**Responded By:** CREGA **Date:** 2/24/21

**This will have to be verified in field.**

-----  
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**Bidder Contact Person:** Carlos Flores  
**Bidder Company Name:** Mehl Electric  
**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com  
-----

**Question Pertains to:** PA and Clock Systems

**Drawing Number:** AE200,201,202  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**  
-----

**Question: (Please be specific)** 1. New Addendum 3 drawings AE200,201 and 202 that previously showed clock and PA speaker scope of work seemed to have been deleted. Please confirm this scope is no longer required and that these drawings now only show Fire Alarm scope of work. If PA and Clock system is required, vendors are asking for a riser diagram and specs to price the equipment?  
2. Original Set stated we were to remove FA panel and replace with new and reconnect all existing devices. Addendum 3 states to provide new devices to existing panel. Please confirm we are only providing new devices at locations shown on latest addendum3 plans and connecting to an existing panel? now new panelrequired? Can you provide an actual FA riser diagram for this system?

**Review by Architect/Engineers:**

**Responded By:** CREGA **Date:** 2/24/21

- 1. Confirmed. Clocks and speakers on AE200-AE202 removed from scope.
- 2. Confirmed only new FA devices.

-----  
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**Bidder Company Name:** Mehl Electric  
**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com

-----  
**Question Pertains to:** Scoreboard

**Drawing Number:** AE002  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:** 26 58 10 2.1

-----  
**Question:** **(Please be specific)** 1 CAN WE USE a substitute or do we have to use Daktronics for the scoreboard?

-

**Review by Architect/Engineers:**

**YES, IF SUBMITTED AS AN EQUAL.**

**CREGA**

**2/24/21**

-----  
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**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com  
-----

**Question Pertains to:** Demolition/removal of pbc light fixtures

**Drawing Number:** AE050,  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**  
-----

**Question:** (Please be specific) 1 demolition notes A-G, where exactly does this scope take place on this floor plan, or can we ignore these notes?

-

**Review by Architect/Engineers:**

**THESE ARE GENERAL NOTES FOR ANY OF THOSE  
CONDITIONS FOUND DURING CONSTRUCTION.**

**CREGA**

**2/26/21**

-----  
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**Bidder Contact Person:** Carlos Flores  
**Bidder Company Name:** Mehl Electric  
**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com

-----  
**Question Pertains to:** Scoreboard

**Drawing Number:** AE002,  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

-----  
**Question: (Please be specific)** 1 Are there any borings or subsurface inspections to indicate water table and impact of rock where the scoreboard footings are to be placed?  
2. where will the 2ea delay of game clocks be mounted to?  
3. Verify dimensions of beams, footings and if rebar is required for directly embedding steel columns?  
4. Verify distance between column, schedule states 5', but a 25' L board would generally require 15' spread?

**Review by Architect/Engineers:**

1. THIS NEEDS TO BE VERIFIED BY SITE CONTRACTOR.
2. GAME CLOCKS ARE NOT IN SCOPE.
3. MANUFACTURER TO PRPOVIDE SHOP DRAWINGS FOR APPROVAL.
4. PER MANUFACTURER RECOMMENDATIONS.

CREGA

2/26/21

-----  
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**Bidder Company Name:** Mehl Electric  
**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com  
-----

**Question Pertains to:** MDP1

**Drawing Number:** AE700 & AE600,  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**  
-----

**Question:** (Please be specific) 1 AE700 shows MDP1 having a subpanel SDP, how is panel SDP fed ? AE600 shows panel SDP to have the same rating and size as MDP1, what is the intent of panel SDP, or is this meant to be a surge protection device built into MDP1? please clarify?

-

**Review by Architect/Engineers:**

**NO WORK REQUIRED WITH SDP.**

**CREGA**

**2/26/21**

-----  
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**Bidder Company Name:** Mehl Electric  
**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com

-----  
**Question Pertains to:** Lighting

**Drawing Number:** AE131 detail 3  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

-----  
**Question:** (Please be specific) 1 Drawing 3/AE131 shows fixtures with letter E, please confirm this are existing to remain , and no new type 9 fixture is required?

-

**Review by Architect/Engineers:**

**CONFIRMED THESE ARE EXISTING TO  
REMAIN.**

CREGA

2/26/21



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**Bidder Company Name:** Mehl Electric  
**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com

-----  
**Question Pertains to:** Panel Schedules

**Drawing Number:** AE600  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

-----  
**Question:** **(Please be specific)** 1 Can you provide panel schedules for each panel being replaced showing circuits (new/existing)?

-

**Review by Architect/Engineers:**

**NO, EXISTING AND REPLACEMENT  
CIRCUIT BREAKERS INDICATED IN  
PANEL REPLACEMENT SCHEDULE.**

**CREGA**

**2/26/21**







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**Bidder Phone:** 845 735 4004  
**Bidder Email Address:** carlos@mehlnet.com

-----  
**Question Pertains to:** Security

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

-----  
**Question: (Please be specific) 1 Please confirm that security scope is by others, EC is only bringing power where shown on plans and providing stub ups where required?**

-

**Review by Architect/Engineers:**

Please Refer to Spec Section 01 12 00 1.10 CONTRACT 4 - ELECTRICAL WORK CONTRACT  
A. Work of this Contract includes, but is not limited to, the following descriptions:  
1. Includes Electrical Distribution Service, Lighting, CATV systems, Communications, Fire Alarm, Intercom Systems, Security Systems, Emergency Lighting, and other systems traditionally recognized as Electrical work. This includes but is not limited to, all work shown on the Electrical Drawings, and applicable information shown on all other Drawings, unless noted otherwise. It also includes administrative and coordination responsibilities



**INSTRUCTIONS TO BIDDERS**  
**ATTACHMENT #1:**  
**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetratech.com](mailto:INE.Mahopac@tetratech.com)**

**Project No.:** 121111-19002

**Date:** 2/18/2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Chris Meyer  
**Bidder Company Name:** Meyer Contracting Corporation  
**Bidder Phone:** (845) 635-1416  
**Bidder Email Address:** [estimating@meyercontracting.com](mailto:estimating@meyercontracting.com)  
-----

**Question Pertains to:**

**Drawing Number:** AA130  
**Plan Area:** Music Suite  
**Room Number:** 143A  
**Drawing Detail Number:**  
**Specification Section:**

-----  
**Question: (Please be specific)**

Floor finish at room 143A calls for Terrazzo Type 1  
Is this correct? There is no finish schedule for Band Room 143. Please provide.

-----  
**Review by Architect/Engineers:** \_\_\_\_\_ **Responded By:** MHH **Date:** 02/23/2021  
-----

**FINISHES FOR 143A ARE PER ROOM FINISH BOX  
THE ROOM FINISH BOX FOR BAND 143 IS LOCATED ON AA103, IN ROOM 143,  
UPPER RIGHT CORNER OF ROOM.**

-----  
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**Project No.:** 121111-19002

**Date:** 2/18/2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

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**Bidder Contact Person:** Chris Meyer  
**Bidder Company Name:** Meyer Contracting Corporation  
**Bidder Phone:** (845) 635-1416  
**Bidder Email Address:** [estimating@meyercontracting.com](mailto:estimating@meyercontracting.com)  
-----

**Question Pertains to:**

**Drawing Number:** GS130 detail 2  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**  
-----

**Question: (Please be specific)**

Who is responsible for installing the Unistrut to support the HVAC equipment. GC or HVAC Contractor?

Please clarify Drawing there is no GS130  
Please refer to spec section 23 05 29 HANGERS AND SUPPORTS FOR HVAC COMPONENTS;  
01 12 00 1.9 CONTRACT 3 - MECHANICAL WORK CONTRACT ; 5.o; Provide support  
framing for HVAC equipment, ie mechanical equipment curbs.

-----  
**Review by Architect/Engineers:**

**Responded By:** HR / TPG **Date:** 02-28-2021

-----  
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**Bidder Company Name:** Meyer Contracting Corporation  
**Bidder Phone:** (845) 635-1416  
**Bidder Email Address:** [estimating@meyercontracting.com](mailto:estimating@meyercontracting.com)

-----  
**Question Pertains to:**

**Drawing Number:** GS130 detail 2  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

-----  
**Question: (Please be specific)**

Who is responsible for installing the Unistrut to support the HVAC equipment. GC or HVAC Contractor?  
**Please clarify Drawing there is no GS130 in the set**

-----  
**Review by Architect/Engineers:**

**Responded By:** HR / TPG **Date:** 02-26-2021

-----  
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**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** February 25, 2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Chris Meyer  
**Bidder Company Name:** Meyer Contracting Corporation  
**Bidder Phone:** (845) 635-1416  
**Bidder Email Address:** [estimating@meyercontracting.com](mailto:estimating@meyercontracting.com)

-----  
**Question Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:** 133419

-----  
**Question: (Please be specific)**

Please confirm hot dip galvanized finish per spec section 133419.2.9.F.1 is only applicable to primary members and end wall primary framing members, not end wall secondary framing members.  
Please be advised that a hot dipped galvanized finish is significantly more expensive and when required, usually applies to secondary members such as purlins or girts as well.

-----  
**Review by Architect/Engineers:**

**Responded By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Please proceed as identified in the specification.

Timothy Stevens 2/26/21

-----  
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**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** 2/19/2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

---

**Bidder Contact Person:** Brendan Ford  
**Bidder Company Name:** Nicky Diggs Excavation INC  
**Bidder Phone:** 914-232-1878  
**Bidder Email Address:** office@nickydiggs.com

---

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:** 1/ZC500, 2/ZC500  
**Specification Section:** 32 12 16

---

**Question: (Please be specific)**

Please clarify if type 3 binder and 6f top course or superpave mix should be used for asphalt paving.

---

**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 2 / 23 / 2021

See asphalt material requirements in paragraph 2.3.A. of the 32 12 16 Asphalt Paving specification.

---

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**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** 2-16-21

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Rick Recine  
**Bidder Company Name:** Northbrook  
**Bidder Phone:** 914-734-5506  
**Bidder Email Address:** rickr@northbrookcontracting.com

-----  
**Question Pertains to:** NCC RFI #1

**Drawing Number:** ZC506  
**Plan Area:** Common site details  
**Room Number:**  
**Drawing Detail Number:** 1 & 2  
**Specification Section:** 334100

-----  
**Question: (Please be specific)**

Please provide casting manufacturer abd model number for these OCS's

-----  
**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 03 / 01 / 2021

Refer to forthcoming Addendum #4. Specification 33 41 00 has been revised.

-----  
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**INSTRUCTIONS TO BIDDERS**  
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**PRE-BID REQUEST FOR INTERPRETATION FORM**

RFI #006

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** 2/19/2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** CHRIS COLANDREA  
**Bidder Company Name:** NORTHBROOK CONTRACTING CORP  
**Bidder Phone:** 914-879-6099  
**Bidder Email Address:** NORTHBROOKCHRIS@YAHOO.COM

-----  
**Question Pertains to:**

**Drawing Number:** AC-140  
**Plan Area:** A  
**Room Number:**  
**Drawing Detail Number:** DETAIL 4 ON SHEET CZ-505  
**Specification Section:** 33 41 00 2.12

-----  
**Question: (Please be specific)**

DETAIL 4 ON SHEET CZ-505 SHOWS THE CHAMBER SYSTEMS TO BE A HEIGHT OF 45". WHEN REFERRING TO THE SPEC SECTION, IT SPECIFIES THE CHAMBER TO BE A SC-740 BY STORM TECH. THIS MODEL IS ONLY 30" IN HEIGHT. PLEASE CLARIFY AS TO THE HEIGHT OF THE CHAMBER SYSTEM.

-----  
**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 03 / 01 / 2021

Refer to forthcoming Addendum #4. Both 30" and 45" height models are being used on this project, and the specification has been updated to reflect both.

-----  
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**Project No.:** 121111-19002

**Date:** 2/19/21

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

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**Bidder Contact Person:** CHRIS COLANDREA  
**Bidder Company Name:** NORTHBROOK CONTRACTING CORP  
**Bidder Phone:** 914-879-6099  
**Bidder Email Address:** NORTHBROOKCHRIS@YAHOO.COM  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:** AC-140  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:** 4 ON CZ-505  
-----

**Question: (Please be specific)**

DRAWING # AC-140 SHOWS THE DRAINAGE CHAMBER SYSTEMS ON WEST SIDE.  
IT SCALES (1" = 30' ) TO BE APPROX. 155 LF LONG TO INCLUDE TIE IN PIPES.  
DETAIL SECTION ON CZ-505 STATES THE BASE LENGTH TO BE 110.22 LF  
THE SAME WITH THE EASTERN DRAINAGE CHAMBER SYSTEM. THE SCALE DOESN'T MATCH  
THE DETAIL SHOWN LENGTH. PLEASE CLARIFY ON WHICH DIMENSION TO USE FOR BIDDING.

-----  
**Review by Architect/Engineers:**

**Responded By:** D. Bussmann **Date:** 03 / 01 / 2021

Refer to forthcoming Addendum #4. Storm chamber systems indicated on revised and reissued Site Detail Drawing ZC505 shall apply.

-----  
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**Project No.:** 121111-19002

**Date:** 2.19.21 NCC RFI #8

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Rick  
**Bidder Company Name:** Northbrook  
**Bidder Phone:** 914.734.5506  
**Bidder Email Address:** rickr@northbrookcontracting.com  
-----

**Question Pertains to:**

**Drawing Number:** BC 110 & ZC500  
**Plan Area:** Erosion Control  
**Room Number:**  
**Drawing Detail Number:** 11  
**Specification Section:** 312500  
-----

**Question: (Please be specific)**

Dwg. BC110 note #9 says...minimum entrance pad to be 30' X 100', however detail 11 shows 30' x 50'  
Please provide correct dimensions

-----  
**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 2 / 23 / 2021

As the stabilized construction entrance is discharging to a paved access drive roadway, the 100' length would apply per the Site Erosion and Sediment Control Note #9. Detail 11 on Sheet ZC500 indicates a minimum length of 50', with Note 2 also indicating "as required", so there is no contradiction. The 100' therefore will be required.

-----  
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**TETRA TECH**  
ARCHITECTS & ENGINEERS

**INSTRUCTIONS TO BIDDERS**  
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**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** 2.19.21 NCC RFI #009

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

---

**Bidder Contact Person:** Rick  
**Bidder Company Name:** Northbrook  
**Bidder Phone:** 914.734.5506  
**Bidder Email Address:** rickr@northbrookcontracting.com

---

**Question Pertains to:**

**Drawing Number:** ZC500  
**Plan Area:** Erosion Control  
**Room Number:**  
**Drawing Detail Number:** 15  
**Specification Section:** 312500-9, 2.11, A, B, C

---

**Question: (Please be specific)**

Dwg. ZC500 Detail shows a standard type orange fence with no stake dimensions and no top rail, however, spec section noted above says...2x4 vertical posts and a 2x4 top rail.  
Please advise which method is required.

---

**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 2 / 23 / 2021

2x4 vertical posts and 2x4 top rail only required on vegetation protection installation (Detail 15), not temporary construction fence (Detail 13). For temporary construction fence provide driven 72" U-Channel posts with cable between posts as noted in Detail.

---

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**Date:** 2/22/2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** CHRIS COLANDREA  
**Bidder Company Name:** NORTHBROOK CONTRACTING CORP  
**Bidder Phone:** 914-879-6099  
**Bidder Email Address:** NORTHBROOKCHRIS@YAHOO.COM  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**  
8 ON ZC502  
-----

**Question: (Please be specific)**

PLEASE SEE THE 12" DRAINAGE PIPE IN THE TURF FIELD AT BOTH THE NORTH AND SOUTH SIDES THAT SHOW "DRAIN STUB" PLEASE CLARIFY IF THERE IS A CLEAN OUT OR END CAP OR BOTH AT THESE (4) LOCATIONS.

-----  
**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 2 / 23 / 2021

Drain stub locations indicated are the start of the run and only require an end cap.

-----  
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**Bidder Email Address:** NORTHBROOKCHRIS@YAHOO.COM  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:** 01 50 00 3.4 G  
-----

**Question: (Please be specific)**

The above spec section states that a temporary perimeter enclosure fence is to be installed prior the start of excavations. Please clarify if this part of the site contract and if so, where will the fence be installed and for how long?

-----  
**Review by Architect/Engineers:**

**Responded By:** HR/TPG **Date:** 02-28-2021

Please refer to Spec Section 01 12 00 ; 1.13 CONTRACT 7 – SITE WORK CONSTRUCTION 5. New Construction ; 1. Provide all site fencing and landscaping

Fencing Installation Locations to be Determined in the Site Logistics Plan - to be Distributed  
Fencing Duration ; for the length of the Construction Project ; Please see Project Milestone Schedule distributed in Addendum 001 02-12-2021

-----  
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**Project No.:** 121111-19002

**Date:** 2/25/2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** CHRIS COLANDREA  
**Bidder Company Name:** NORTHBROOK CONTRACTING CORP  
**Bidder Phone:** 914-879-6099  
**Bidder Email Address:** NORTHBROOKCHRIS@YAHOO.COM  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:** C-120  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:** 2106 ON ZC-501,  
-----

**Question: (Please be specific)**

PLEASE CLARIFY WHAT THE WIDTH AND DEPTH OF THE PERIMETER CURB IS AROUND THE NEW TURF FIELD. AN RFI RESPONSE NOTED THAT THERE WILL BE ONLY ONE CURB WITH THE CLF AND BALL STOPPER NETTING INCORPORATED INTO IT. BUT THE FOOTBALL SAFETY NETTING DOES NOT APPLY. DOES THAT MEAN THERE IS NO FOOTBALL SAFETY NETTING AT ALL?

-----  
**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 03 / 01 / 2021

Refer to Addendum #3 and forthcoming Addendum #4, regarding clarification of curbing / fencing / ballstopper netting requirements. Football safety netting is not in scope and references to the documents have been deleted.

-----  
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**Project No.:** 121111-19002

**Date:**

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** Joseph Piazza  
**Bidder Company Name:** Piazza Inc  
**Bidder Phone:** (914) 830-1344  
**Bidder Email Address:** jd@piazzabrothers.com  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**  
-----

**Question: (Please be specific)**

Could you please direct me to the drawing or drawings that have the Sliding Security Window. I see a spec section for it but can't locate the drawing. I see elevation S1 located in the security office but that appears to be fixed.

-----  
**Review by Architect/Engineers:**

**Responded By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

this will be addressed in bid addendum #4.

Timothy Stevens 2/26/21

-----  
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**Bidder Contact Person:** Joseph Piazza  
**Bidder Company Name:** Piazza Inc  
**Bidder Phone:** (914) 830-1344  
**Bidder Email Address:** jd@piazzabrothers.com  
-----

**Question Pertains to:**

**Drawing Number:** AA600  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:** S2 & S5  
**Specification Section:** 084600 Fire Rated Door Assemblies  
-----

**Question: (Please be specific)**

Fire Rated Assemblies 084600: Doors shown at elevations S2 and S5(on AA600) are shown as Flush doors with narrow lites; manufactures listed in specification 084600 do not offer Flush doors. This occurs at doors #L101-1, L101-2, L101-3, L101-4, 235-1, 238-1, 239-1, 242-2, 243-1 and 244-1; please clarify how we should proceed.

-----  
**Review by Architect/Engineers:**

**Responded By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

these doors will be  
addressed in bid  
addendum #4

Timothy Stevens      2/26/21

-----  
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**Bidder Contact Person:** Joseph Piazza  
**Bidder Company Name:** Piazza Inc  
**Bidder Phone:** (914) 830-1344  
**Bidder Email Address:** jd@piazzabrothers.com

---

**Question Pertains to:**

**Drawing Number:** AH Drawings  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

---

**Question: (Please be specific)**

Are all walls that are dashed on the Asbestos drawings to be removed by asbestos contractors or only the ones indicated by the asbestos notes?

---

**Review by Architect/Engineers:** \_\_\_\_\_ **Responded By:** TJT **Date:** 2.25.21

The dashed lines that represent the walls themselves are not indicative of any abatement scope. The dashed lines located adjacent to or around some walls which have corresponding abatement keynotes do indicate abatement scope.

---

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**Bidder Company Name:** Piazza Inc  
**Bidder Phone:** (914) 830-1344  
**Bidder Email Address:** jd@piazzabrothers.com  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:** AA100  
**Room Number:**  
**Drawing Detail Number:** Demo Note 1B  
**Specification Section:**  
-----

**Question: (Please be specific)**

Currently demo note 1B is very vague. It is telling us to remove all wall finishes in it's entirety but does not tell us what the wall finish is. Could you please indicate which areas have ceramic wall tile to be removed?

-----  
**Review by Architect/Engineers:**

**Responded By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

will be clarified in bid  
addendum #4

Timothy Stevens      2/26/21

-----  
Submit requests not less than 5 working days prior to the specified Bid Opening date and time. In the event that this question requires clarification or modification of the Bidding Documents, such written information can only be provided by formal Addendum, distributed to all plan holders.



**INSTRUCTIONS TO BIDDERS**  
**ATTACHMENT #1:**  
**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:**

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** PETER MADDOX  
**Bidder Company Name:** RICHARDS CORPORATION  
**Bidder Phone:** 860-583-9229  
**Bidder Email Address:** pmaddox@richardscorp.com

----- **Question**

**Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:** 01 12 00 & 01-50-00

----- **Question:**

**(Please be specific)**

1. Section 01 12 00 Summary of Project section 1.19A says a site logistics plan will be issued. I cannot find it in the documents or addenda. please clarify where this plan can be found.
  
2. Section 01 50 00, 3.3.E.4.a&b references "Item. #304.3 course". Please clarify what this is.

-----  
**Review by Architect/Engineers:**

**Responded By:** HR/TPG **Date:** 02-28-21

1. A Site Logistics Plan will be issued in an upcoming Addendum; it has not been issued at this time
2. 01 50 00 , 3.3.E.4 a/b Item #304.3 course - Refers to "SUBBASE COURSE " for a general reference, please see NYS DOT section 304 - Sub-base Course

-----  
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**INSTRUCTIONS TO BIDDERS**  
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**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** 2-19-2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** PETER MADDOX  
**Bidder Company Name:** RICHARDS CORPORATION  
**Bidder Phone:** 860-583-9229  
**Bidder Email Address:** pmaddox@richardscorp.com  
-----

**Question Pertains to:**

**Drawing Number:** ZC504  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:** 1&2  
**Specification Section:**

-----  
**Question: (Please be specific)**

1. Which contractor is responsible to place the concrete pad below the new water storage tank?
2. Which contractor is responsible for the 4" chlorinated water and 6" potable water lines from the storage tank to the pump house?

-----  
**Review by Architect/Engineers:**

**Responded By:** HR/TPG      **Date:** 02-28-21

1. Please refer to Spec Section 01 12 00 1.7;5 New Construction -c Contract 1 GENERAL CONSTRUCTION WORK  
The Site Work Contractor (Contract #7) shall be responsible for the construction of all exterior concrete pads. The Site Contractor (Contract #7) shall be responsible to prepare the area to sub-grade.  
1.7;5 New Construction- d. Provide shoring and bracing and excavation for all work related to new building, and all excavation for other contractors related to new building. Limit of excavation shall be within five (5) feet of building foundation.
2. See Division 22 - Plumbing

-----  
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**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetratech.com](mailto:INE.Mahopac@tetratech.com)**

**Project No.:** 121111-19002

**Date:**

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** PETER MADDOX  
**Bidder Company Name:** RICHARDS CORPORATION  
**Bidder Phone:** 860-583-9229  
**Bidder Email Address:** [jprincipi@richardscorp.com](mailto:jprincipi@richardscorp.com)  
-----

**Question Pertains to:**

**Drawing Number:** AC100  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**  
-----

**Question: (Please be specific)**

1. Please clarify the intent of the fence removal. The existing fence is being called out for removal, temporary relocation, and to be protected to remain.

-----  
**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 2 / 23 / 2021

Refer to issued Addendum #3 for clarification of fence removal, temporary relocation, and fencing to remain.

-----  
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**INSTRUCTIONS TO BIDDERS**  
**ATTACHMENT #1:**  
**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** 2-25-2020

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** PETER MADDOX  
**Bidder Company Name:** RICHARDS CORPORATION  
**Bidder Phone:** 860-583-9229  
**Bidder Email Address:** pmaddox@richardscorp.com  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section: 31 20 00 appendix - geotechnical borings and maps**

-----  
**Question: (Please be specific)**

1. The geotechnical report maps show an I-series of borings and a TS series of borings, MHS I-1 through I-6, MMS I-1 through I-4, and MHS TS-1 through TS-4. The boring logs were not provided for these holes. Please provide.
2. There was mention of possible rock being present in the site pre-bid meeting. The borings provided do not show any rock. Please clarify what volume and location of rock removal, if any, should be included in the base bid.

-----  
**Review by Architect/Engineers:**

**Responded By:** C Glaubitz **Date:** 3/1/21

Locations including "I" and "TS" indications are not borings. They indicate infiltration test and soil test locations.  
Rock removal is not anticipated.

-----  
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**INSTRUCTIONS TO BIDDERS**  
**ATTACHMENT #1:**  
**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetratech.com](mailto:INE.Mahopac@tetratech.com)**

**Project No.:** 121111-19002

**Date:** 2-25-2020

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** PETER MADDOX  
**Bidder Company Name:** RICHARDS CORPORATION  
**Bidder Phone:** 860-583-9229  
**Bidder Email Address:** pmaddox@richardscorp.com  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section: 01 12 00, 1.13, A.3.h & 31 20 00**  
-----

**Question: (Please be specific)**

1. Please clarify if the existing soil layer identified as "organic silt sand" in boring MMS AB-20 represents "unsuitable fill".
2. If so, shall the site contractor include its removal and replacement in the base bid?
3. If so, please provide a quantity as 1 boring is not sufficient to determine a volume.

-----  
**Review by Architect/Engineers:**

**Responded By:** C Glaubit **Date:** 3/1/21

**The soil in question has not been determined to be unsuitable fill.**

-----  
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**Project No.:** 121111-19002

**Date:** 2-25-2020

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

-----  
**Bidder Contact Person:** PETER MADDOX  
**Bidder Company Name:** RICHARDS CORPORATION  
**Bidder Phone:** 860-583-9229  
**Bidder Email Address:** pmaddox@richardscorp.com  
-----

**Question Pertains to:**

**Drawing Number:**  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section: 31 20 00, 2.1.D.1 and 2.1.E.1 and 2.1.F.1**  
-----

**Question: (Please be specific)**

1. Detail 8/ZC504 calls for "structural fill" to backfill pipes below paved areas. Specification section 31 20 00,2.1.D.1 says "granular fill" is required below pavements and synthetic fields. Please clarify which material is required as these have different definitions.
2. Please confirm the onsite soils will not be allowed for filling to subgrade below the paved areas and synthetic fields. If not, please clarify which, "granular fill" or "structural fill" is required.

-----  
**Review by Architect/Engineers:**

**Responded By:** D.Bussmann **Date:** 2 / 26 / 2021

Refer to specification 31 00 00 Earth Moving 3.18.B. section for soil fill requirements, including areas under walks, pavements and exterior slabs, under steps and ramps, under building slabs, and under synthetic turf fields. Regarding backfill for pipes below paved areas and synthetic turf, use structural fill up to the subbase layer, where granular fill (or as specified for synthetic turf) will apply.

-----  
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**INSTRUCTIONS TO BIDDERS**  
**ATTACHMENT #1:**  
**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetrattech.com](mailto:INE.Mahopac@tetrattech.com)**

**Project No.:** 121111-19002

**Date:** 2/25/21

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

---

**Bidder Contact Person:** Jim Sass III  
**Bidder Company Name:** J&J Sass Electric Inc.  
**Bidder Phone:** 845-331-8666  
**Bidder Email Address:** jimsass3@jjsass.com

---

**Question Pertains to:**

**Drawing Number:** AE003  
**Plan Area:**  
**Room Number:**  
**Drawing Detail Number:**  
**Specification Section:**

---

**Question: (Please be specific)**

Please clarify the location of the MDP in the academy school so we know how far the feeder run is to panel PH-1. Also clarify where the (2) 2" spare conduits are going in that school. Please clarify the scale on the drawing as well.

---

**Review by Architect/Engineers:**

**Responded By:** CREGA **Date:** 2/26/21

**MDP AND CONDUITS AS INDICATED IN CORNER OF  
BUILDING AS SHOWN ON DRAWING. REFER TO SCALE  
PROVIDED ON DRAWING.**

---

Submit requests not less than 5 working days prior to the specified Bid Opening date and time. In the event that this question requires clarification or modification of the Bidding Documents, such written information can only be provided by formal Addendum, distributed to all plan holders.



**TETRA TECH**  
ARCHITECTS & ENGINEERS

**INSTRUCTIONS TO BIDDERS**  
**ATTACHMENT #1:**  
**PRE-BID REQUEST FOR INTERPRETATION FORM**

**SUBMIT FORM BY EMAIL TO [INE.Mahopac@tetratech.com](mailto:INE.Mahopac@tetratech.com)**

**Project No.:** 121111-19002

**Date:** February 25, 2021

**Project Name:** Reconstruction to Mahopac High School, Mahopac Middle School, Mahopac Falls School, Bus Garage, and New Pump House

---

**Bidder Contact Person:** Adam Horton  
**Bidder Company Name:** Turco Golf, Inc.  
**Bidder Phone:** Cell: 607-437-4672 Office: 845-357-9300  
**Bidder Email Address:** ahorton@grasskeepers.net

---

**Question Pertains to:** Ref. Contract 7 SW - Site Construction Work

**Drawing Number:** Sheet ZC 504  
**Plan Area:** N/A  
**Room Number:** N/A  
**Drawing Detail Number:** Detail 2 - Water Storage Tank & Detail 9 - Well Modification  
**Specification Section:**

---

**Question: (Please be specific)**

Please confirm which contract includes the proposed water storage tank installation and well modification shown on plan sheet ZC 504.

---

**Review by Architect/Engineers:**

**Responded By:** HR/TPG **Date:** 02-26-21

Please refer to Spec Section 22 12 19 Facility Ground-Mounted, Potable Water Storage Tanks  
Also see Spec Section 01 12 00 1.13 CONTRACT 7 – SITE WORK CONSTRUCTION 5/b & 5/f

---

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12' GATE

8' HIGH CHAIN LINK FENCE TYP.

CONTRACTOR STAGING AREA AND PARKING AREA

TRAILER LOCATION

12' GATE

12' GATE

HS Site Logistics Plan



CONTRACTOR  
STAGING  
AREA AND  
PARKING  
AREA

12' GATE

8' HIGH CHAIN LINK  
FENCE TYP.

12' GATE

12' GATE

MS Site Logistics Plan

## **SECTION 26 08 00 - COMMISSIONING OF ELECTRICAL**

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and other Division 01 Specification Sections, apply to this Section.
  - 1. See especially Section 01 08 00, "General Commissioning Requirements" for general commissioning process requirements and Commissioning Coordinator responsibilities.

#### 1.2 INCLUDED SYSTEMS AND EQUIPMENT

- A. The following is a list of the equipment and system test requirements included in this section:
  - 1. Interior Occupancy Lighting Controls
  - 2. Exterior Motion/Photo and Timeclock Controls

#### 1.3 DESCRIPTION

- A. This section specifies the example functional testing requirements for Division 23 systems and equipment. From these examples, the Commissioning Authority (CxA) shall develop step-by-step procedures to be executed by the Subs or the Commissioning Authority. The general functional testing process, requirements and test method definitions are described in Section 01 9113. The test requirements for each piece of equipment or system contain the following:
  - 1. The contractors responsible to execute the tests, under the direction of the CxA.
  - 2. A list of the integral components being tested.
  - 3. Prefunctional checklists associated with the components.
  - 4. Functions and modes to be tested.
  - 5. Required conditions of the test for each mode.
  - 6. Special procedures.
  - 7. Required methods of testing.
  - 8. Required monitoring.
  - 9. Acceptance criteria.

#### 1.4 MONITORING

- A. Monitoring is a method of testing as a stand-alone method or to augment manual testing.
- B. All points listed in the required monitoring section of the test requirements which are control system monitored points shall be trended by the controls contractor. Other points shall be monitored by the CxA using dataloggers. At the option of the CxA, some control system monitoring may be replaced with datalogger monitoring. At the CxA's request, the controls contractor shall trend up to 20% more points than listed herein at no extra charge.

- C. Hard copies of monitored data must be in columnar format with time down the left column and at least 5 columns of point values on the same page.
- D. Graphical output is desirable, and will be required for all output, if the system can produce it.

## PART 2 - PRODUCTS (Not Used)

## PART 3 - EXECUTION

### 3.1 TESTING PREPARATION

- A. Certify that Lighting Control systems have been installed, calibrated, and started and are operating according to the Contract Documents.
- B. Testing Instrumentation: Install measuring instruments and logging devices to record test data as directed by the CxA.

### 3.2 GENERAL TESTING REQUIREMENTS

- A. The CxA in cooperation with the Electrical Contractor shall prepare detailed testing plans, procedures, and checklists for Lighting control systems.

### 3.3 LIGHTING CONTROL SYSTEMS FUNCTIONAL TESTING PROCEDURES

- A. Parties Responsible to Execute Functional Test
  1. Controls contractor: operate the controls to activate the equipment if BAS controlled
  2. Electrical contractor or vendor: assist in testing sequences.
  3. CxA: to witness, direct and document testing.
- B. Integral Components or Related Equipment Being Tested
  1. Lighting Controls (Occupancy, Vacancy, Daylighting, Dimming, Timeclocks)
- C. Prerequisites The commissioning agent will spot-check misc. items and calibrations on the prefunctional checklists previously completed by the installer, prior to beginning functional testing
- D. Functions / Modes Required to be Tested, Test Methods and Seasonal Test Requirements
- E. The following testing requirements are in addition to and do not replace any testing requirements elsewhere in this Division.

<u>Function / Mode</u>	<u>Test Method</u> Manual and/or Monitoring
GENERAL	
1. All specified functions and features are set up, debugged and full operable	Verbal discussion of features
2. Power failure and battery backup and power-up restart functions	Demonstration
3. Occupant override functions and duration settings	Demonstration
SWITCHING FUNCTIONS	
4. Test the sequence of operation for all features and modes	Manual
5. Verify that off delays are set and functioning so that the change of light fixture operation is judged non-bothersome to occupants	Manual
6. Verify that the controls and sensors are not easily overridden or disabled by unauthorized occupants	Visual inspection
7. Verify control strategies, schedules and setpoints to be reasonable and appropriate	Manual

F. Special Procedures (other equipment to test with, etc.; reference to function ID)

1. Daylight/photo sensors controls to be confirmed at multiple ambient light levels if necessary.

G. Acceptance Criteria (referenced by function or mode ID)

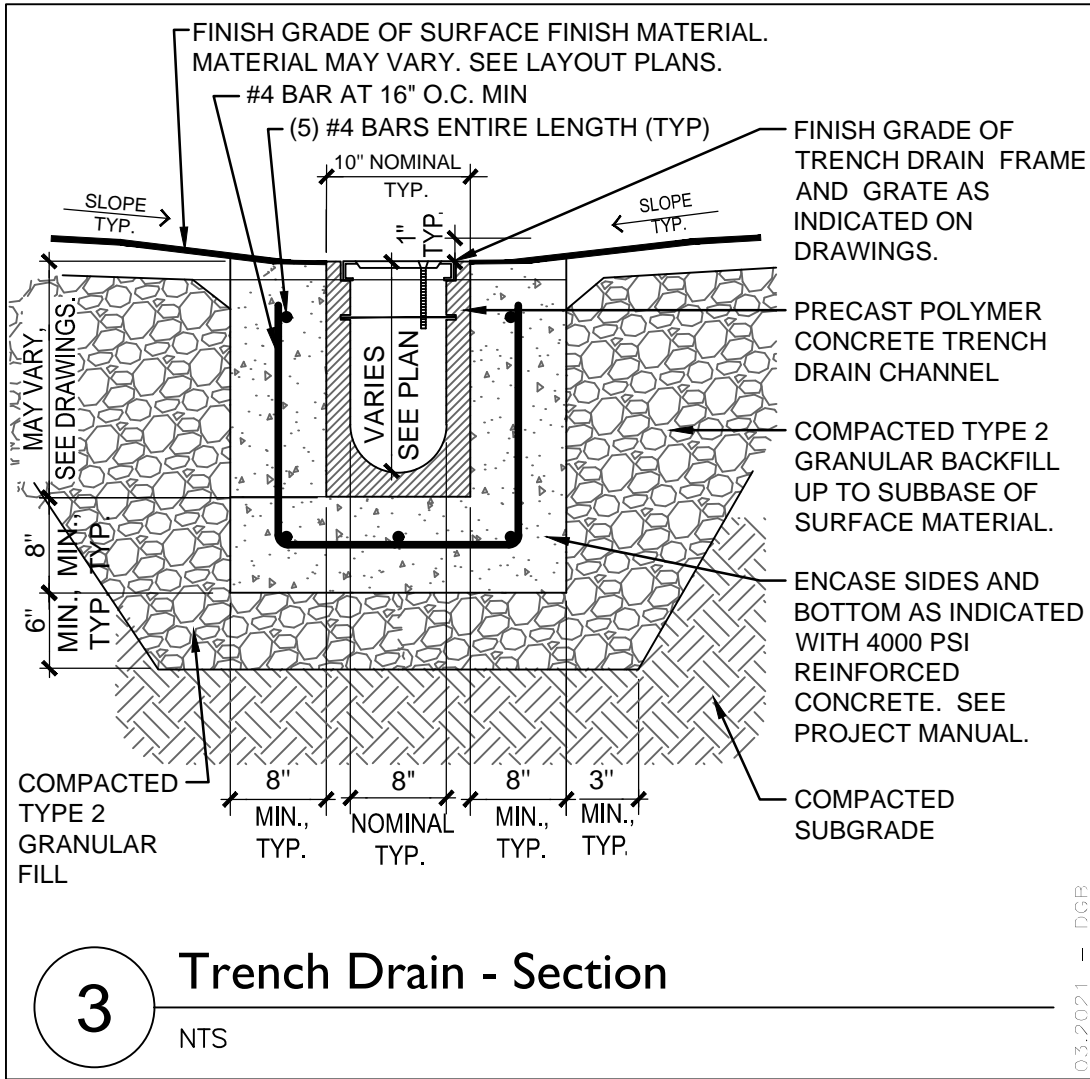
1. For the conditions, sequences and modes tested as shown above, the lighting controls, integral components and related equipment respond to changing conditions and parameters appropriately as expected, as specified and according to acceptable operating practice.

H. Sampling Strategy for Identical Units

1. A representative sample of units will be tested by the CxA.
2. For identical units, test a minimum of three before sampling.

END OF SECTION 26 08 00





**TETRA TECH**  
ARCHITECTS & ENGINEERS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

Rev.: Date:

Proj. No.: 121111-19002

Date: 2021-03-01

Drawn By: DGB

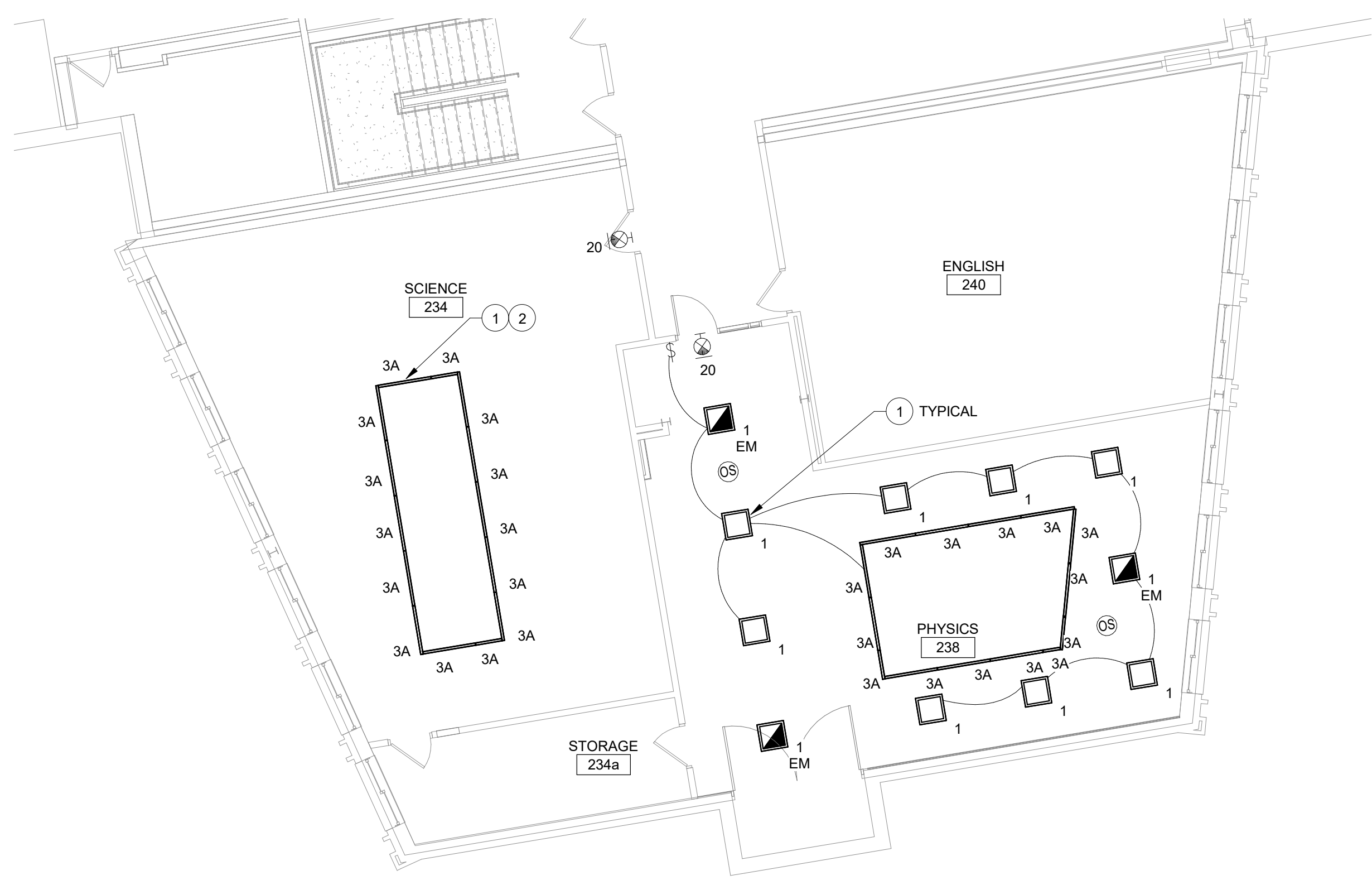
Mahopac Central School District

Reconstruction to Mahopac HS and MS

Trench Drain - Section (Revised Per ADD #4)

Drawing No.:

**AC01B**



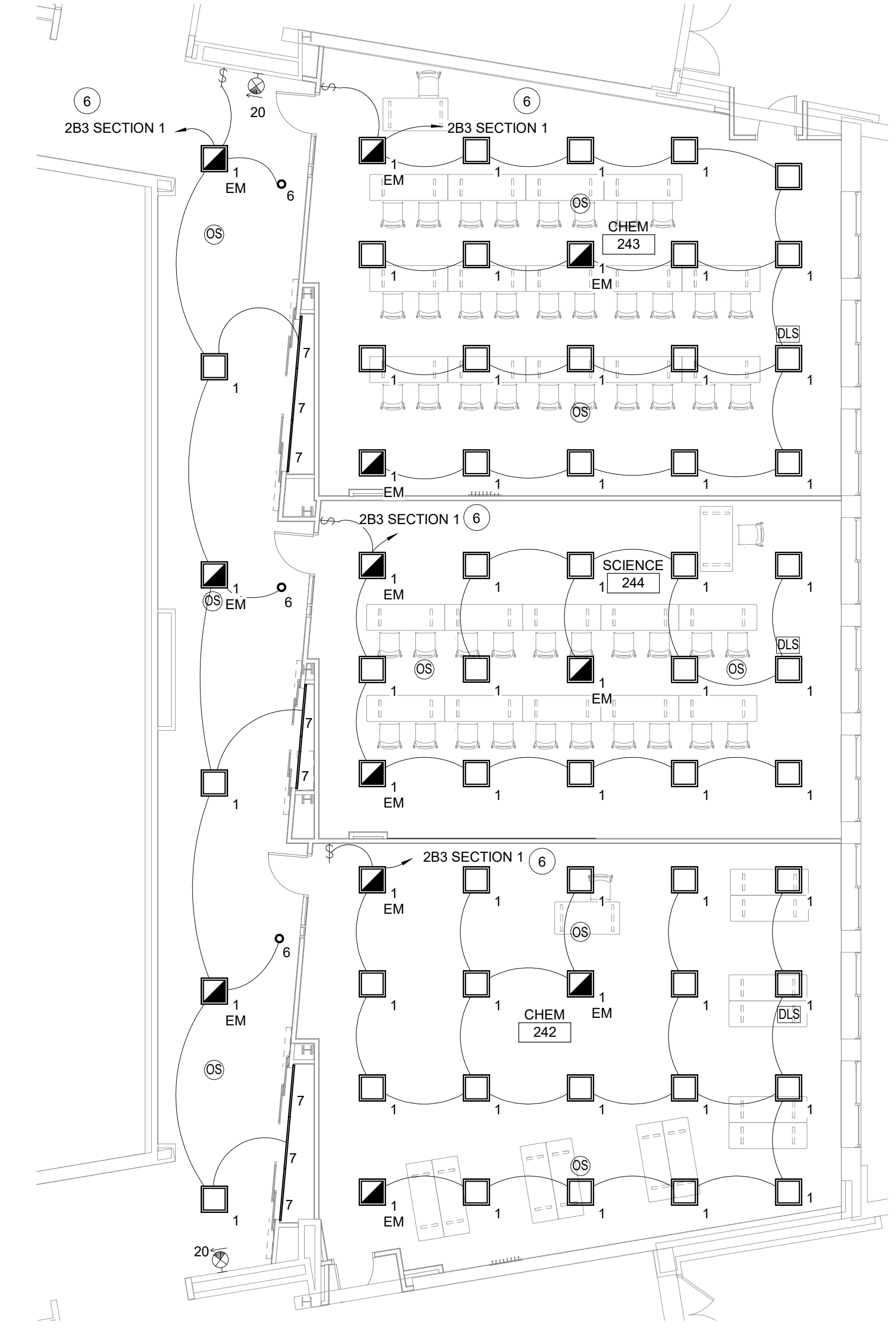
2 2nd Floor - Science Suite 2 Lighting Plan - Area D  
1/8" = 1'-0"



1 2nd Floor - Science Suite 1 Lighting Plan - Area D  
1/8" = 1'-0"



4 2nd Floor - LMC Lighting Plan - Area C  
1/8" = 1'-0"



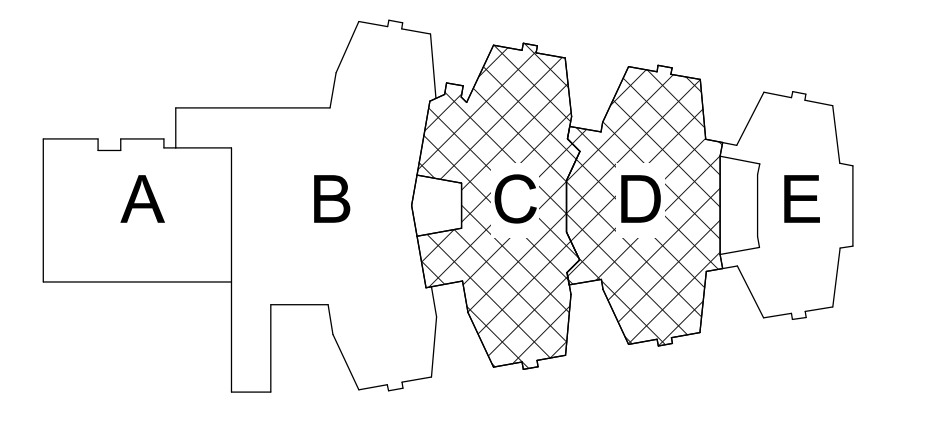
3 2nd Floor - Science Suite 3 Lighting Plan - Area D  
1/8" = 1'-0"

**Keyed Notes**

- 1 PROVIDE (2) #12, (1) #12G, IN 1/2" CONDUIT AND CONNECT LUMINAIRES TO EXISTING LIGHTING CIRCUIT SERVING THE AREA.
- 2 CONNECT LUMINAIRES TO EXISTING LIGHTING SWITCH SERVING THE AREA.
- 3 MOUNT LUMINAIRES 10'-0" AFF FROM BOTTOM OF LUMINAIRE IN LIBRARY MEDIA CENTER.
- 4 MOUNT LUMINAIRES 9'-0" AFF FROM BOTTOM OF LUMINAIRE IN COMPUTER/LOUNGE.
- 5 MOUNT TYPE 10 LUMINAIRES 7'-8" AFF FROM BOTTOM OF LUMINAIRE IN LIBRARY MEDIA CENTER. REFER TO PANEL SCHEDULE FOR CIRCUIT INFORMATION. CONNECT ALL TO SAME CONTROL AS SHOWN.
- 6 PROVIDE 20A1P BREAKER AND (2) #12, (1) #12G IN 3/4" CONDUIT, CONNECT TO PANEL AS INDICATED.

**General Notes**

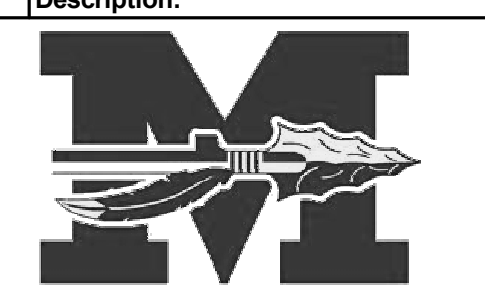
- A. REFER TO DRAWING AE050 FOR GENERAL AND DEMOLITION NOTES.
- B. CONNECT ALL LUMINAIRES AND GENERAL RECEPTACLES WITH (2) #12, #12G IN 1/2" C TO PANEL AS INDICATED.



Key Plan  
N.T.S.

S.E.D. Control No. 48-01-01-06-0-004-020

Rev. No.	Date	Description
1	2/26/21	BID Addendum No 4



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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

**BID SET**



Mahopac Central School District  
Mahopac, NY

Reconstruction To:  
Mahopac High School

Second Floor Lighting Plan

Drawn By: CR	Date: 8/21/20	Drawing Number: <b>AE132</b>
Project No.: 121111-19002		

DRAWING RE-ISSUED BY BID ADDENDUM NO 4

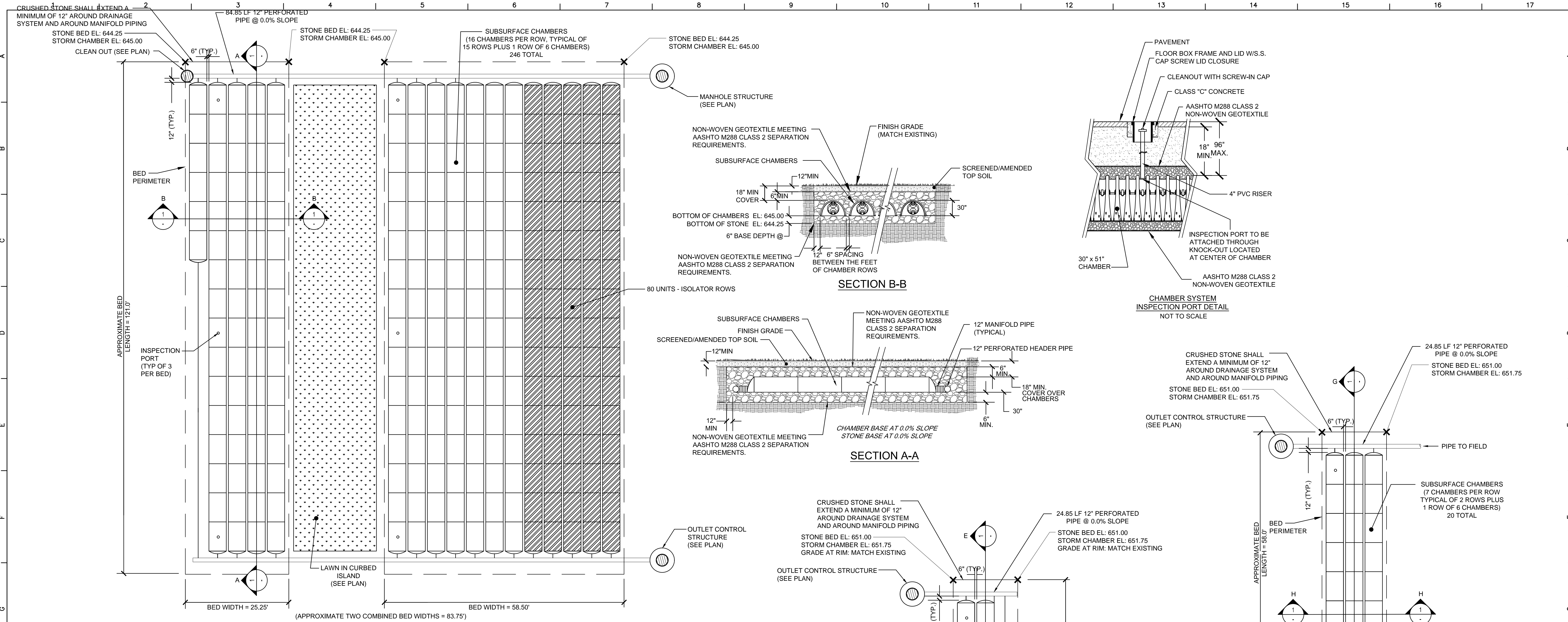
PANEL NAME	AREA IN BUILDING	ROOM	MOUNTING	EXG NUM OF SPACES	REPLACEMENT SPACES	VOLTAGE / PHASE	PANEL RATING (A)	PANEL LUG RATING	MAIN CIRCUIT REQUIRED (RATING)	PANEL A/C	1P15	1P20	1P20 GFCI	1P30	1P50	2P15	2P20	2P30	2P50	2P60	2P100	3P15	3P20	3P30	3P40	3P50	3P60	3P70	3P80	3P90	3P100	3P175	3P200	3P225	3P250	3P280	3P400	3P500	NOTES	
OL	Basement	Custodial Storage 019	Surface	24	24	120/208/3P	100A	100A	-	10K		22																												
EX	Basement	Custodial Storage 019	Surface	12	12	120/208/3P	100A	100A	-	10K	7	2										1																		
GB1	Basement	Teacher's Work Rm030	Surface	42	42	120/208/3P	225A	225A	-	10K	1	25																												
KP SECTION 1	Basement	Kitchen 007	Recessed	36	42	120/208/3P	400A	400A	-	10K	3	5										2	2																	
KP SECTION 2	Basement	Kitchen 007	Recessed	42	42	120/208/3P	400A	400A	-	10K	9	18										1	1	2																
SH1 SECTION 1	Basement	Tech Room 024	Surface	7	7	120/208/3P	225A	-	225A	10K		6																												
SH1 SECTION 2	Basement	Tech Room 024	Surface	24	24	120/208/3P	225A	225A	-	10K												8																		
SH1 SECTION 3	Basement	Tech Room 024	Surface	42	42	120/208/3P	225A	225A	-	10K																														
SH2 SECTION 1	Basement	Serving	Recessed	7	7	120/208/3P	250A	-	250A	10K		6																												
SH2 SECTION 2	Basement	Serving	Recessed	12	42	120/208/3P	400A	400A	-	10K		2										2																		
SH2 SECTION 3	Basement	Serving	Recessed	42	42	120/208/3P	400A	400A	-	10K	1	17	8	4								2	2																	
SH3 SECTION 1	Basement	Cafeteria	Recessed	7	7	120/208/3P	225A	-	225A	10K		6																												
SH3 SECTION 2	Basement	Cafeteria	Recessed	9	9	120/208/3P	225A	225A	-	10K		8																												
SDP	Basement	Meter Room 131	Floor	1	1	120/208/3P	3000A	-	2500A	10K																														
GBB	Basement	Custodial Storage 019	Surface	15	15	120/208/3P	200A	200A	-	10K																														
BP	TBD	TBD	Surface	30	30	120/208/3P	100A	100A	60A	10K																													**PROVIDE (6)30A 3P BREAKERS	
MDP1	Basement	Meter Room 131	Floor	Switchboard	Switchboard	120/208/3P	3000A	-	2500A	65K																														
MDP2	1st Floor	Storage 186	Floor	Switchboard	Switchboard	120/208/3P	800A	800A	800A	10K																														
AP	1st Floor	Gym Storage 117	Surface	36	36	120/208/3P	225A	225A	-	10K																														
1A1	1st Floor	Janitor Closet 129	Recessed	42	42	120/208/3P	225A	225A	-	10K		39																												
1A2	1st Floor	Corridor 131	Recessed	30	30	120/208/3P	225A	225A	-	10K		14																												
1A3	1st Floor	Outside 120 Janitor CL	Recessed	36	36	120/208/3P	225A	225A	-	10K		36																												
1A4	1st Floor	Gym Storage 116	Surface	18	18	120/208/3P	100A	100A	-	10K		17																												
1B1	1st Floor	Stairway across 186 Rm	Recessed	42	42	120/208/3P	400A	400A	-	10K		36																												
1B2	1st Floor	Corridor across 184 Rm	Recessed	42	42	120/208/3P	400A	400A	-	10K		39																												
1B3	1st Floor	Corridor outside 189 Rm	Recessed	42	54	120/208/3P	400A	400A	-	10K		36	2																											
1B4	1st Floor	Corridor outside 199 Rm	Recessed	42	54	120/208/3P	225A	225A	-	10K		45																												
SP	1st Floor	Corridor 131	Recessed	42	42	120/208/3P	400A	400A	-	10K		34																												
2A1 SECTION 1	2nd Floor	Corridor outside 218 Rm	Recessed	24	24	120/208/3P	225A	225A	-	10K		14	4																											
2A1 SECTION 2	2nd Floor	Corridor outside 218 Rm	Recessed	24	24	120/208/3P	225A	225A	-	10K		14																												
2A2	2nd Floor	Corridor across 201 Rm	Recessed	42	42	120/208/3P	225A	225A	-	10K	1	37																												
2B1	2nd Floor	Corridor outside 242 Rm	Recessed	36	36	120/208/3P	400A	400A	-	10K		33																												
2B2	2nd Floor	Corridor outside 268 Rm	Recessed	30	30	120/208/3P	400A	400A	-	10K		22																												
2B3 SECTION 1	2nd Floor	Corridor outside 253 Rm	Recessed	30	42	120/208/3P	200A	-	200A	10K		38	2																											
2B3 SECTION 2	2nd Floor	Corridor outside 253 Rm	Recessed	30	42	120/208/3P	200A	-	200A	10K		36																												
2B4	2nd Floor	Corridor outside 280 Rm	Recessed	42	42	120/208/3P	225A	225A	-	10K		31	2																											
LPSC1	2nd Floor	Chemistry 263	Surface	24	24	120/208/3P	60A	60A	-	10K		22																												
LPSC2	2nd Floor	Storage 247	Surface	18	24	120/208/3P	100A	100A	-	10K		23																												

**General Notes**

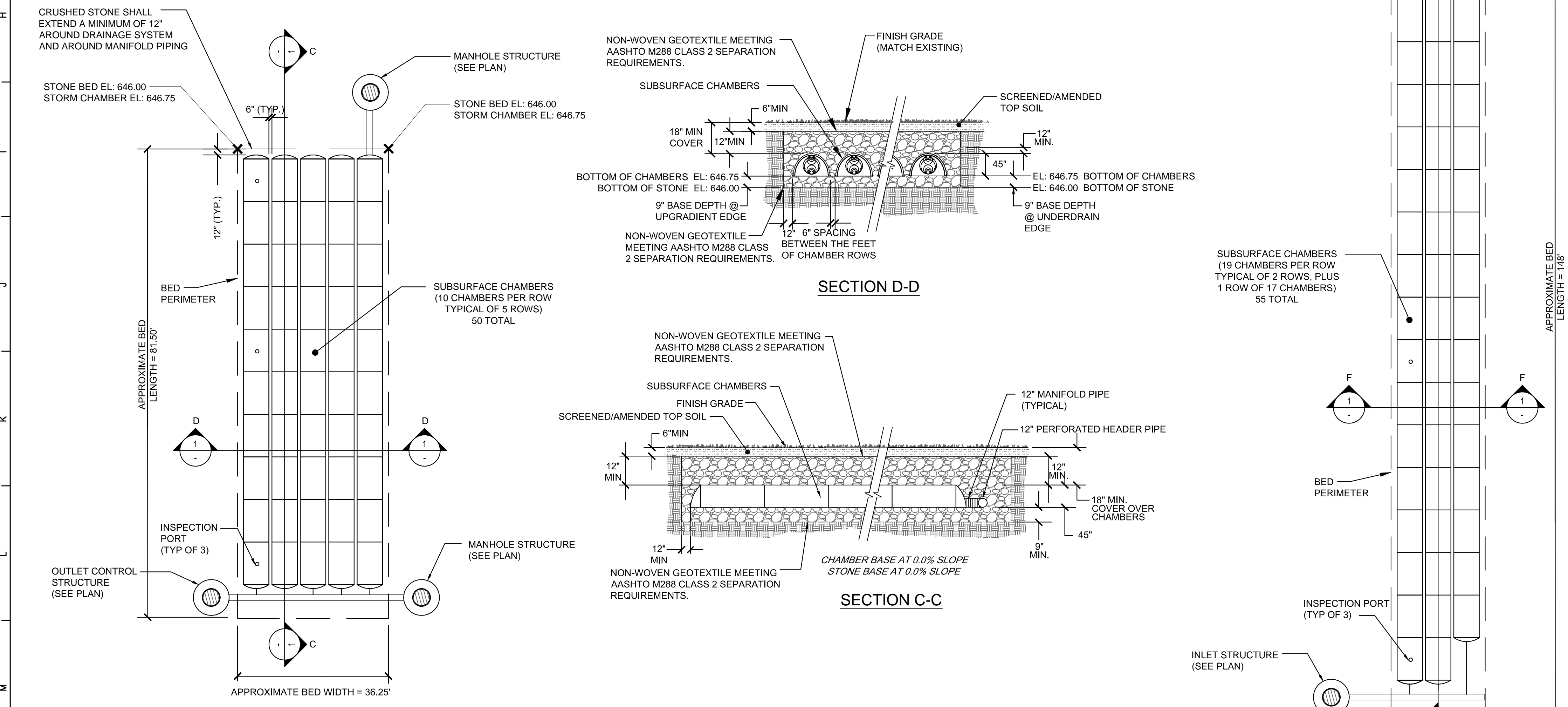
A. REFER TO DRAWING AE050 FOR GENERAL AND DEMOLITION NOTES.

**1 Panel Replacement Schedule**  
NTS

ITEM	SYMBOL	ITEM	LAMPS			MANUFACTURERS (OR EQUAL)*		NOTE
			LUMENS	WATTAGE	TYPE	NAME	MODEL OR SERIES	
1		2' X 2' RECESSED TROFFER	4500	42	LED	SIGNIFY	2FXP-45L-835-2-DS-UNV-DIM	
1EM		2' X 2' RECESSED TROFFER WITH INTEGRAL BATTERY BACKUP	4500	42	LED	SIGNIFY	2FXP-45L-835-2-DS-UNV-DIM-EMLED	
2		2.25' APERTURE WITH 12" BAFFLE ACOUSTIC SUSPENDED LINEAR	1655	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SC-FC-10%-C4-FE	
2EM		2.25' APERTURE WITH 12" BAFFLE ACOUSTIC SUSPENDED LINEAR AND INTEGRAL BATTERY BACKUP	1655	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SC-FC-10%-C4-FE-BSL310LP	
3		2.25' X 4' APERTURE REGRESSED 1" DIFFUSER SURFACE MOUNT LINEAR	1486	4.6	LED	FINELITE	HP-2-SM-D-4'-835-RG-D-120-SC-FC-10%-C4-FE	
3EM		2.25' X 4' APERTURE 1" REGRESSED DIFFUSER SURFACE MOUNT LINEAR WITH INTEGRAL BATTERY BACKUP	1486	4.6	LED	FINELITE	HP-2-SM-D-4'-835-RG-D-120-SC-FC-10%-C4-FE-BSL310LP	
3A		2.25' X 4' APERTURE SURFACE 1" DIFFUSER RECESSED LINEAR	1486	4.6	LED	FINELITE	HP-2-SM-D-2-B-835-RG-D-120-SC-FC-10%-C4-FE	REFER TO PLANS FOR LENGTH AND CORNERS
4		2.25' X 4' APERTURE WITH SUSPENDED LINEAR	1486	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SC-FC-10%-C4-FE	
4EM		2.25' X 4' APERTURE WITH SUSPENDED LINEAR WITH INTEGRAL BATTERY BACKUP	1486	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SC-FC-10%-C4-FE-BSL310LP	
5		3.5" DIAMETER 12" CYLINDER PENDANT	950	18	LED	INTENSE LIGHTING	MXPRD-TW2-2-D10V1-WF-FR	
6		4" DIAMETER RECESSED DOWNLIGHT	1000	20	LED	INTENSE LIGHTING	4-R-N-Z4RDL-10-835-W-O-CD-Z10-U	
7		30" X 1.14" DISPLAY TASK LINEAR LIGHT	418lm/ft	4.1	LED	VODE LIGHT		

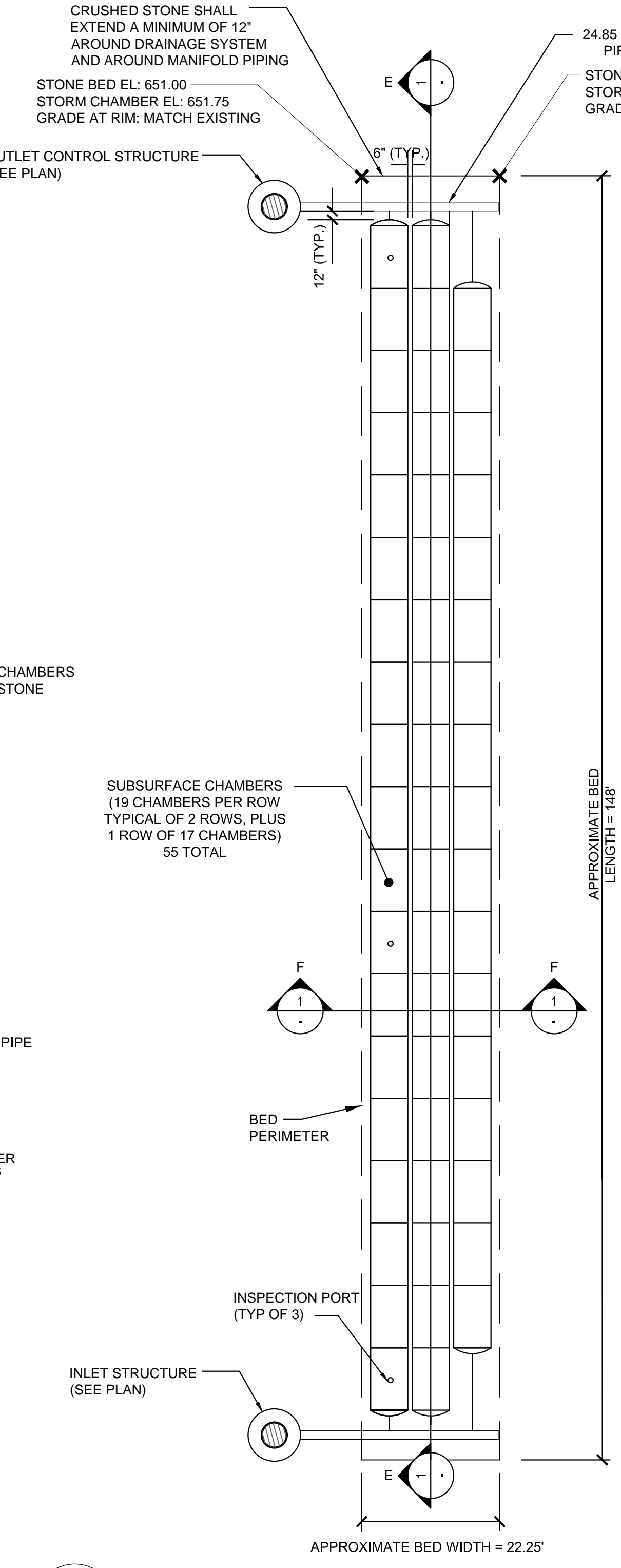


**1 Subsurface MS Parking Lot Drainage System**  
N.T.S.

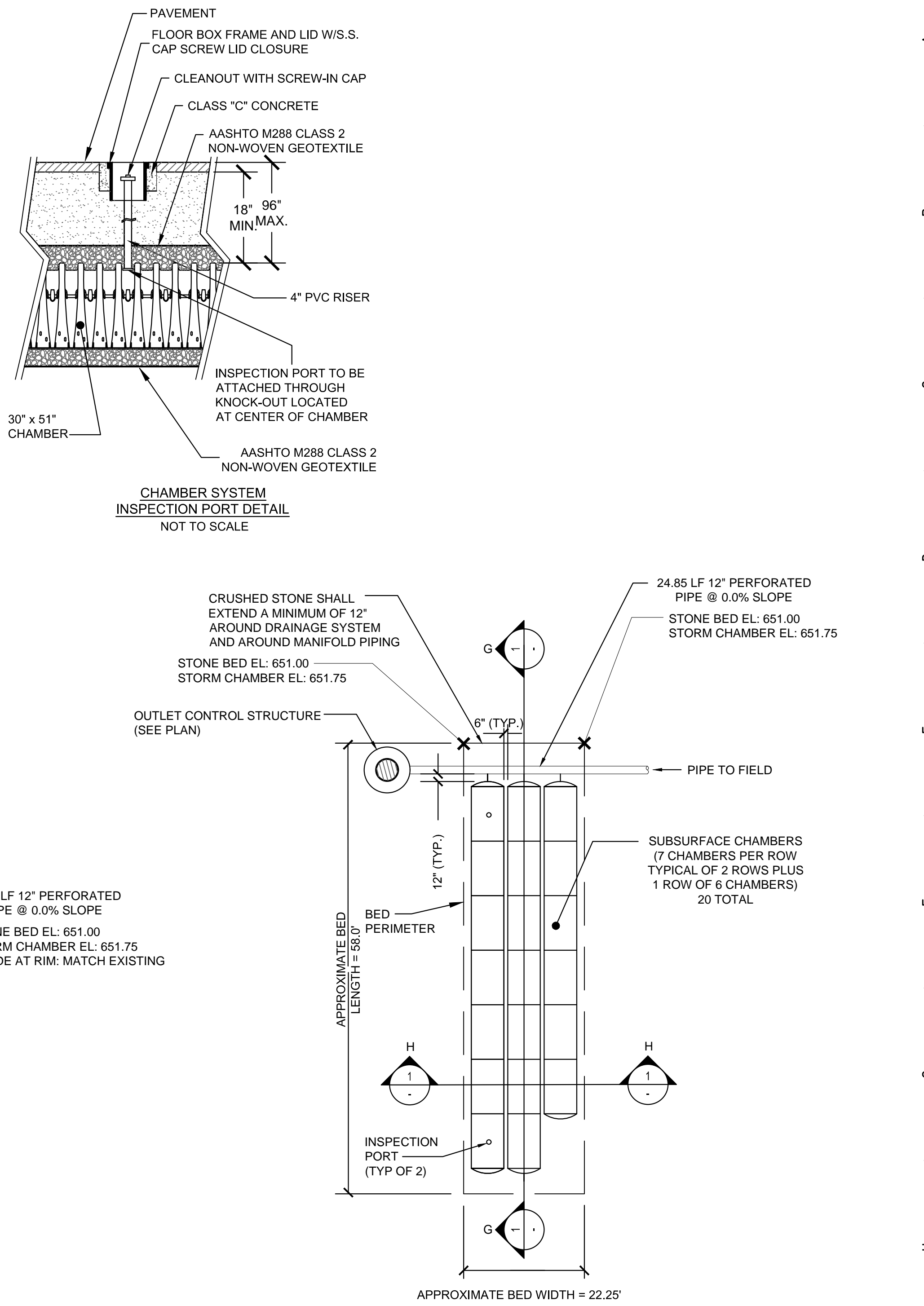


**2 Subsurface MS Field Drainage System**  
N.T.S.

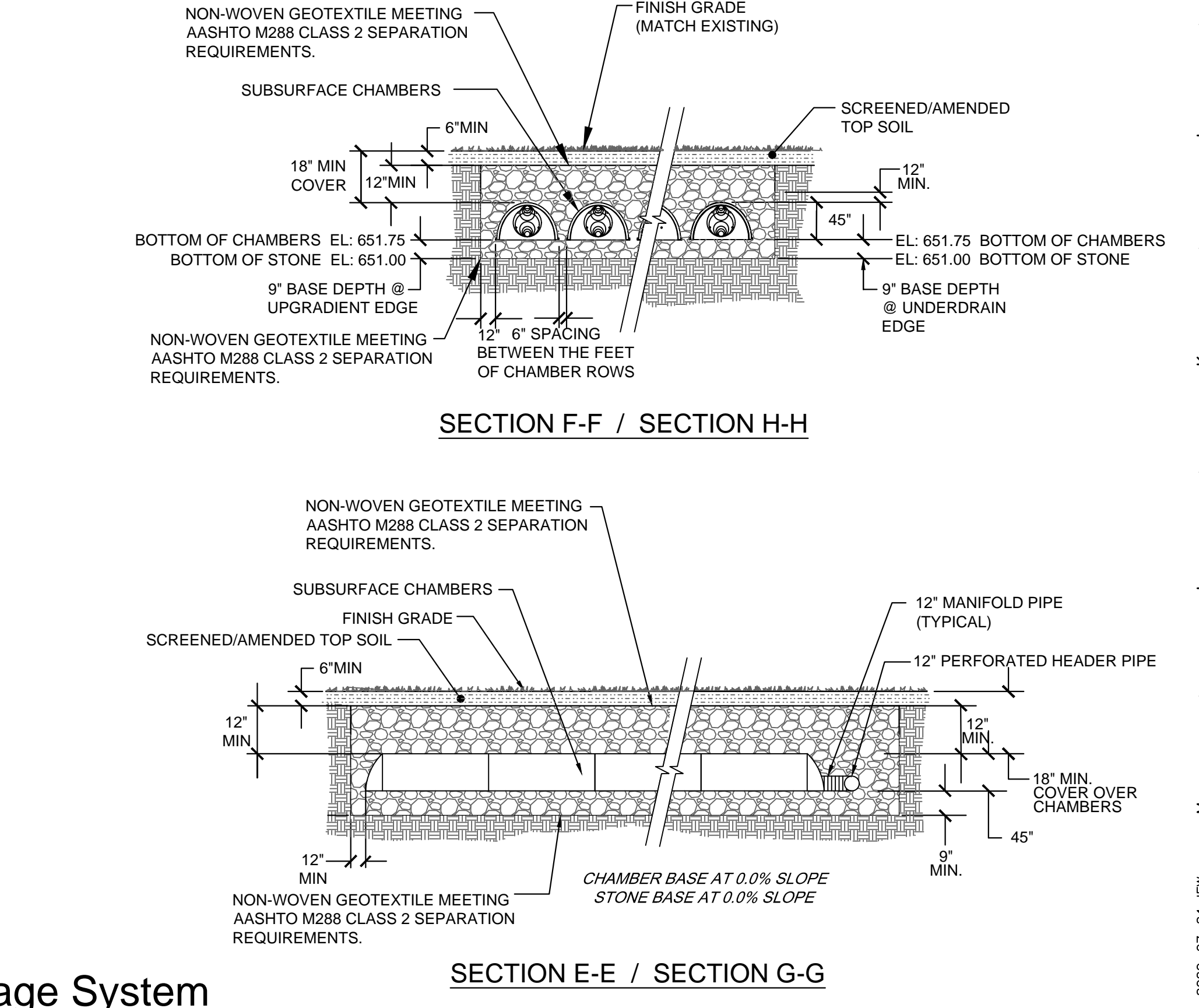
**1 Subsurface Drainage System**  
N.T.S.



**4 Subsurface HS Eastern Drainage System**  
N.T.S.



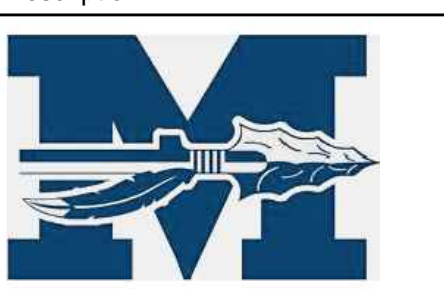
**3 Subsurface HS Western Drainage System**  
N.T.S.



**SECTION E-E / SECTION G-G**

S.E.D. Control No. 48-01-01-06-0-003-008  
S.E.D. Control No. 48-01-01-06-7-026-001  
S.E.D. Control No. 48-01-01-06-0-006-013  
S.E.D. Control No. 48-01-01-06-0-004-020

1	03/01/2021	ISSUED PER ADDENDUM #4
Rev. No.:	Date:	Description:



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Tetra Tech Engineers, Architects & Landscape Architects, P.C.



Mahopac Central School District  
Mahopac, NY

Reconstruction To:  
Mahopac Campus  
(High School / Middle School)

Site Details

Drawn by: JRS	Date: 06/21/20	Drawing No.:
T* Project No.:		<b>ZC505</b>
121111-19002		

**BID SET**

07-18-22-57-14-REV 2020-07-14-REV