

January 3, 2022

NRHS RESTROOMS AND SITE IMPROVEMENTS

MSA File No. 41063

North Rockland High School

SED No. 50-02-01-06-0-016-033

NOTICE TO BIDDERS

Re: ADDENDUM NO. 1

THE FOLLOWING REVISIONS TO THE PROJECT MANUAL AND OR THE DRAWINGS REFERENCED HEREIN SHALL BECOME A PART OF THE CONTRACT DOCUMENTS AND SHALL SUPERSEDE ANY PRIOR OR CONFLICTING INFORMATION.

- 1) Bidding has been extended. SEALED BIDS will be received until 2:00 P.M. in the office of facilities, on the 18th of January 2022, at the North Rockland Central School District, 65 Chapel Street, Garnerville, NY 10923, at which time and place they will be publicly opened and read. Faxed bids will NOT be accepted. Bids must be in sealed envelope(s) approximately labeled with the following label:
“NRHS Restrooms and Site Improvements – General Construction”
“NRHS Restrooms and Site Improvements – Mechanical Construction”
“NRHS Restrooms and Site Improvements – Electrical Construction”
“NRHS Restrooms and Site Improvements – Plumbing Construction”
- 2) All questions are to be submitted to bitding@shilale.com. No questions will be entertained via telephone. Please refer to specification section 013101 Request for Information Form. Questions will be addressed via addenda.
- 3) Attached specification section 0123000 Alternates dated 01-03-22 has been updated to add Alternate No. 4. Alternate No. 4 has been added to provide an amount for credit to this project if the contractor is awarded this project in conjunction with the Pavilions at NRCSD project. Remove original and replace with attached.
- 4) Bid Forms 003000G, 003000M, 003000E and 003000P, dated 01-03-22, have been revised. See attached Bid Forms for project construction time changes. Base Bid construction shall begin on June 27, 2022. Substantial Completion shall be achieved by August 19, 2022. The punch list work will be completed by September 16, 2022. Alternate No. 4 has also been added to the Bid Form 003000G and Bid Form 003000E. Remove original and replace with attached.
- 5) Drawing A-000 Cover Sheet has been updated and revised to add Alternate No. 4. Specification section 000040 List of Drawings has also been updated. Remove original and replace with attached.
- 6) See attached revised specification section 011200 Multiple Contract Summary. Remove original and replace with attached.
- 7) Drawing C-101 says Concrete Paving (4150 S.F.) between Courtyard and Existing Pavilion. Please confirm that we are providing concrete pavement as per detail 6/C-500 and detail 4/C-501.
Answer: The area labeled “Concrete Paving” between the Basketball Courts and Existing Pavilion are to be provided by the General Contractor. The concrete slab shown in details 6/C-500 and 4/C-501 are to be provided by the General Contractor. Quantities and dimensions are to be field verified by the General Contractor.

- 8) The C-Fixture is depicted as 15' light pole. There is not a pole base depicted. Who will be providing and installing the pole base? No spec provided for the base.
Answer: The General Contractor is to be providing the light pole base and foundation. See attached revised specification section 011200 Multiple Contract Summary item 1.7.D.14. See attached new drawing S-101 for light pole base details.
- 9) What contract (General construction or Electrical) provides saw cutting, excavation, backfill and restoration for underground electrical conduits, handholes and light pole bases?
Answer: It is intended for the Electrical Contractor to be responsible for all the material, equipment, and installation for all the electrical components of the work (light fixtures, conduit, etc.) and for the General Contractor to be responsible for all the material, equipment and installation of the sitework (trenching, excavation, backfill, etc.) See attached revised specification section 011200 Multiple Contract Summary for contractor's scope of work. Items 12, 13 and 14 under 1.7.D. in the Multiple Contract Summary has been added.
- 10) What contract provides and installs light pole bases and handholes?
Answer: The General Contractor is to be providing the light pole base and foundation. See attached revised specification section 011200 Multiple Contract Summary item 1.7.D.14. The Electrical Contractor is to be providing the handholes/pull boxes. See item 1.10.D.3 in specification section 011200 Multiple Contract Summary and drawing E-101.
- 11) Drawing E-101. There are redundancies of electrical conduits and wiring. Work is also shown on the pavilion project. Can you confirm the scope of work on drawing?
Answer: See attached Revised E-101. Note has been added to clarify scope of work between the NRHS Restrooms & Site Improvements Project and the Pavilions Project.
- 12) Socrates bench is no longer specified. New bench to be from Kaypark SKU#: CFB84C. Detail 3/C-501 Bench Section is void. See attached updated C-101. Reference bench manufacturer's installation instructions.
- 13) Detail 6/C-502 is void. Refer to detail 2/E-001 for conduit trenching.

END OF ADDENDUM NO. 1

LIST OF DRAWINGS

A-000	COVER SHEET	01-03-2022
B-100	CODE ANALYSIS	12-16-2021
EEB-100	EEB COMPLIANCE DRAWING	12-16-2021
C-099	OVERALL SITE DEMOLITION PLAN	12-16-2021
C-100	OVERALL SITE PLAN	12-16-2021
C-101	ENLARGED SITE PLAN	01-03-2022
C-500	SITE DETAILS – CONCRETE & ASPHALT	12-16-2021
C-501	SITE DETAILS – GATES & FENCING	12-16-2021
C-502	SITE DETAILS – SPECIALTIES	12-16-2021
C-503	SITE DETAILS – SPECIALTIES	12-16-2021
C-503.1	SITE DETAILS – SPECIALTIES	12-16-2021
C-504	SITE DETAILS – BASKETBALL COURT	12-16-2021
S-101	STRUCTURAL DETAILS	01-03-2022
D-100	NRHS TRAINER ROOM DEMO PLAN	12-16-2021
A-100	NRHS TRAINER ROOM DETAILS	12-16-2021
A-400	REFLECTED CEILING PLAN	12-16-2021
A-601	FINISH SCHEDULE AND PARTITION TYPES	12-16-2021
A-610	NRHS TRAINER ROOM INTERIOR DETAILS	12-16-2021
M-101	MECHANICAL PARTIAL PLAN AND DETAILS	12-16-2021
P-001	PLUMBING GENERAL NOTES	12-16-2021
P-101	PLUMBING PATRTIAL PLANS & RISER DIAGRAMS	11-19-2021
P-501	PLUMBING DETAILS	12-16-2021
E-001	ELECTRICAL NOTES AND DETAILS	01-03-2022
E-101	ELECTRICAL SITE PLAN	01-03-2022
E-102	ELECTRICAL BATHROOM PARTIAL PLAN	01-03-2022

PART 1 - GENERAL

1.01 GENERAL

- A. Pursuant to, and in compliance with, your Advertisement for Bids and the Information to Bidders relative thereto and all of the Contract Documents, including any Addenda issued by the Architect and mailed to the undersigned prior to the opening Bids, whether received by the undersigned or not, we

(CONTRACTOR NAME)

hereby proposes to furnish all plant, labor, supplies, materials, and equipment for North Rockland High School Restrooms and Site Improvements – General Construction at the North Rockland Central School District, as required by and in strict accord with the applicable provisions of the Drawings and Specifications entitled “North Rockland High School Restrooms and Site Improvements – General Construction at the North Rockland High School, 106 Hammond Road, Thiells, NY 10984 for the North Rockland Central School District, 65 Chapel Street, Garnerville, NY 10923”, all to the satisfaction and approval of the Architect and the Owner in accordance with the terms and conditions of the Contract Documents for the following prices:

1. _____ Dollars
(Write out in words)
(_____) Base Bid for all work.

_____ Consecutive Calendar Days for substantial completion _____ with base bid.

The undersigned further proposes and agrees hereby to commence work with an adequate force and equipment immediately after being notified in writing to do so, and to achieve substantial completion for all work as required by the plans and specifications within the number of consecutive calendar days as itemized above.

- A. NRHS Restrooms and Site Improvements
at the North Rockland High School

Total NRHS Restrooms and Site Improvements (\$ _____)

Total Project General Construction (\$ _____)

- B. ALTERNATES

The undersigned further proposes and agrees that, should any of the following alternates be accepted and included in the Contract, the amount of the Base Bid, is hereto stated, shall be increased, or decreased by the amounts indicated below.

Alternate No. 1

Remove 36" CMP and replace with HDPE pipe from South headwall to 10' away from line of new asphalt. Approximately 220 L.F. of pipe, Contractor to field verify. Remove and install 1 concrete headwall. See detail 2/C-503.

(\$ _____)

Alternate No. 1A

Replace existing headwall for Alternate No. 1

(\$ _____)

Alternate No. 2

Remove 36" CMP and replace with HDPE pipe from North headwall

to 10' away from line of new asphalt. Approximately 270 L.F. of pipe,
Contractor to field verify. Remove and install 1 concrete headwall.
See detail 2/C-503.

(\$ _____)

Alternate No. 2A
Replace existing headwall for Alternate No. 2

(\$ _____)

Alternate No. 3
Add seating on North side of entry.

(\$ _____)

Alternate No. 4
Provide an amount for credit to this project if the contractor is awarded this project in conjunction with the Pavilions at
NRCSD project.

(\$ _____)

C. ALLOWANCES

The undersigned further proposes and agrees that, should any of the following alternates be accepted and included in the
Contract, the amount of the Base Bid, is hereto stated, shall be increased, or decreased by the amounts indicated below.

Allowance No. 1
\$5,000 for testing

(\$ 5,000 _____)

1.02 TIME OF COMPLETION

A. It is agreed by the undersigned that after receipt of Notice of Award and a consummation of a Contract
Agreement in accord with the terms of the Contract Documents, work will start on June 27, 2022. Substantial
completion will be August 19, 2022. The punch list work will be completed by September 16, 2022 and
performed after school hours.

1.03 BID SECURITY

A. Attached hereto is Bid Security in the amount of five percent (5%) of the Base Bid.

1.04 UNIT PRICES

A. Unit Price No. 1: Provide a price per square yard for 2” asphalt. New paving to be installed where no paving
previously existed. See detail 9/C-500.

(\$ _____)

B. Unit Price No. 2: Provide a price per square yard for 2” asphalt and 1-1/2” milling of existing paving. See detail
12/C-500.

(\$ _____)

1.06 NON-COLLUSIVE BIDDING CERTIFICATION

A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint
bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and
belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or
agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other
bidder or with any competitor.

- 2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
- 3. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not submit a bid for the purpose of restricting competition.

Resolved that _____
(Name of Individual)

be authorized to sign and submit the bid or proposal of this corporation for the following project _____ and to include in such bid or proposal the certificate as to non-collusion required by Section One Hundred Three (d) (103d) of the General Municipal Law as the act and deed of such corporation, and for any inaccuracies or misstatements in such certificate this corporate bidder shall be liable under the penalty of perjury.

The foregoing is a true and correct cop of the resolution by _____
Corporation at a meeting of its Board of Directors held on the _____ day of _____, 20____.

(SEAL OF THE CORPORATION)

Secretary

1.07 ACCEPTANCE

- A. When this Proposal is accepted, the undersigned agrees to enter into Contract with the Owner as provided in the Form of Agreement.

1.08 AFFIRMS

- A. The undersigned affirms and agrees that this Proposal is a firm one which remains in effect and will be irrevocable for a period of forty-five (45) days after opening of Bids.

1.09 TYPE OF BUSINESS

- A. The undersigned hereby represents that it is a _____ (Corporation, Partnership, or an Individual). If a Corporation, then the undersigned further represents that it is duly qualified as a Corporation under laws of New York State and it is authorized to do business in this State.

1.10 PLACE OF BUSINESS

- A. The following is the name and address of the person to whom all notices required in the connection with this Proposal may be telephoned, mailed or delivered.

(Name)

(Address)

(Telephone)

1.11 EXECUTION OF CONTRACT

- A. When written Notice of Acceptance of the Proposal is mailed or delivered to the undersigned within forty-five (45) days after the opening of Bids, or anytime thereafter should the Proposal not be withdrawn, the undersigned, within ten (10) days, will execute the Form of Agreement with the Owner.

1.12 ADDENDA

- A. Any Addenda issued by the Architect and mailed or delivered to the undersigned prior to the Bid opening date shall become part of the Contract Documents. The Bidder shall enter on this list any addenda issued after this Form of Proposal has been received and shall fill in the addenda number and date.

Addendum # _____	Dated _____

1.13 ASBESTOS

- A. The Contractor certifies that no asbestos or asbestos-containing material will be incorporated into the Work of this Contract.

(Sign Bid Here)

Dated _____, 20____

Legal Name of Person, Partnership
or Corporation

By _____

Title _____

Address _____

PART 1 - GENERAL

1.01 GENERAL

- A. Pursuant to, and in compliance with, your Advertisement for Bids and the Information to Bidders relative thereto and all of the Contract Documents, including any Addenda issued by the Architect and mailed to the undersigned prior to the opening Bids, whether received by the undersigned or not, we

(CONTRACTOR NAME)

hereby proposes to furnish all plant, labor, supplies, materials, and equipment for North Rockland High School Restrooms and Site Improvements – Mechanical at the North Rockland Central School District, as required by and in strict accord with the applicable provisions of the Drawings and Specifications entitled “North Rockland High School Restrooms and Site Improvements – Mechanical at the North Rockland High School, 106 Hammond Road, Thiells, NY 10984 for the North Rockland Central School District, 65 Chapel Street, Garnerville, NY 10923”, all to the satisfaction and approval of the Architect and the Owner in accordance with the terms and conditions of the Contract Documents for the following prices:

1. _____ Dollars
(Write out in words)
(_____) Base Bid for all work.

_____ Consecutive Calendar Days for substantial completion _____ with base bid.

The undersigned further proposes and agrees hereby to commence work with an adequate force and equipment immediately after being notified in writing to do so, and to achieve substantial completion for all work as required by the plans and specifications within the number of consecutive calendar days as itemized above.

- A. NRHS Restrooms and Site Improvements
at the North Rockland High School

Total NRHS Restrooms and Site Improvements (\$ _____)

Total Project Mechanical (\$ _____)

- B. ALTERNATES

The undersigned further proposes and agrees that, should any of the following alternates be accepted and included in the Contract, the amount of the Base Bid, is hereto stated, shall be increased, or decreased by the amounts indicated below.

No Alternates at this time.

- C. ALLOWANCES

The undersigned further proposes and agrees that, should any of the following alternates be accepted and included in the Contract, the amount of the Base Bid, is hereto stated, shall be increased or decreased by the amounts indicated below.

No Allowances at this time.

1.02 TIME OF COMPLETION

A. It is agreed by the undersigned that after receipt of Notice of Award and a consummation of a Contract Agreement in accord with the terms of the Contract Documents, work will start on June 27, 2022. Substantial completion will be August 19, 2022. The punch list work will be completed by September 16, 2022 and performed after school hours.

1.03 BID SECURITY

A. Attached hereto is Bid Security in the amount of five percent (5%) of the Base Bid.

1.04 UNIT PRICES

No Unit Prices at this time.

1.06 NON-COLLUSIVE BIDDING CERTIFICATION

A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.
2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
3. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not submit a bid for the purpose of restricting competition.

Resolved that _____
(Name of Individual)

be authorized to sign and submit the bid or proposal of this corporation for the following project _____ and to include in such bid or proposal the certificate as to non-collusion required by Section One Hundred Three (d) (103d) of the General Municipal Law as the act and deed of such corporation, and for any inaccuracies or misstatements in such certificate this corporate bidder shall be liable under the penalty of perjury.

The foregoing is a true and correct cop of the resolution by _____
Corporation at a meeting of its Board of Directors held on the _____ day of _____, 20____.

(SEAL OF THE CORPORATION)

Secretary

1.07 ACCEPTANCE

A. When this Proposal is accepted, the undersigned agrees to enter into Contract with the Owner as provided in the Form of Agreement.

1.08 AFFIRMS

- A. The undersigned affirms and agrees that this Proposal is a firm one which remains in effect and will be irrevocable for a period of forty-five (45) days after opening of Bids.

1.09 TYPE OF BUSINESS

- A. The undersigned hereby represents that it is a _____
(Corporation, Partnership, or an Individual). If a Corporation, then the undersigned further represents that it is duly qualified as a Corporation under laws of New York State and it is authorized to do business in this State.

1.10 PLACE OF BUSINESS

- A. The following is the name and address of the person to whom all notices required in the connection with this Proposal may be telephoned, mailed or delivered.

(Name)

(Address)

(Telephone)

1.11 EXECUTION OF CONTRACT

- A. When written Notice of Acceptance of the Proposal is mailed or delivered to the undersigned within forty-five (45) days after the opening of Bids, or anytime thereafter should the Proposal not be withdrawn, the undersigned, within ten (10) days, will execute the Form of Agreement with the Owner.

1.12 ADDENDA

- A. Any Addenda issued by the Architect and mailed or delivered to the undersigned prior to the Bid opening date shall become part of the Contract Documents. The Bidder shall enter on this list any addenda issued after this Form of Proposal has been received and shall fill in the addenda number and date.

Addendum # _____	Dated _____

1.13 ASBESTOS

- A. The Contractor certifies that no asbestos or asbestos-containing material will be incorporated into the Work of this Contract.

(Sign Bid Here)

Dated _____, 20____

Legal Name of Person, Partnership
or Corporation

By _____

Title _____

Address _____

PART 1 - GENERAL

1.01 GENERAL

- A. Pursuant to, and in compliance with, your Advertisement for Bids and the Information to Bidders relative thereto and all of the Contract Documents, including any Addenda issued by the Architect and mailed to the undersigned prior to the opening Bids, whether received by the undersigned or not, we

(CONTRACTOR NAME)

hereby proposes to furnish all plant, labor, supplies, materials and equipment for North Rockland High School Restrooms and Site Improvements – Electrical at the North Rockland Central School District, as required by and in strict accord with the applicable provisions of the Drawings and Specifications entitled “North Rockland High School Restrooms and Site Improvements – Electrical at the North Rockland High School, 106 Hammond Road, Thiells, NY 10984 for the North Rockland Central School District, 65 Chapel Street, Garnerville, NY 10923”, all to the satisfaction and approval of the Architect and the Owner in accordance with the terms and conditions of the Contract Documents for the following prices:

1. _____ Dollars
(Write out in words)
(_____) Base Bid for all work.

_____ Consecutive Calendar Days for substantial completion _____ with base bid.

The undersigned further proposes and agrees hereby to commence work with an adequate force and equipment immediately after being notified in writing to do so, and to achieve substantial completion for all work as required by the plans and specifications within the number of consecutive calendar days as itemized above.

- A. NRHS Restrooms and Site Improvements – Electrical
at North Rockland High School

Total NRHS Restrooms and Site Improvements (\$ _____)

Total Project Electrical (\$ _____)

- B. ALTERNATES

The undersigned further proposes and agrees that, should any of the following alternates be accepted and included in the Contract, the amount of the Base Bid, is hereto stated, shall be increased, or decreased by the amounts indicated below.

Alternate No. 4

Provide an amount for credit to this project if the contractor is awarded this project in conjunction with the Pavilions at NRCSD project. (\$ _____)

- C. ALLOWANCES

The undersigned further proposes and agrees that, should any of the following alternates be accepted and included in the Contract, the amount of the Base Bid, is hereto stated, shall be increased, or decreased by the amounts indicated below.

No Allowances at this time.

1.02 TIME OF COMPLETION

A. It is agreed by the undersigned that after receipt of Notice of Award and a consummation of a Contract Agreement in accord with the terms of the Contract Documents, work will start on June 27, 2022. Substantial completion will be August 19, 2022. The punch list work will be completed by September 16, 2022 and performed after school hours.

1.03 BID SECURITY

A. Attached hereto is Bid Security in the amount of five percent (5%) of the Base Bid.

1.04 UNIT PRICES

No Unit prices at this time.

1.06 NON-COLLUSIVE BIDDING CERTIFICATION

A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

- 1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.
- 2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
- 3. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not submit a bid for the purpose of restricting competition.

Resolved that _____
(Name of Individual)

be authorized to sign and submit the bid or proposal of this corporation for the following project _____ and to include in such bid or proposal the certificate as to non-collusion required by Section One Hundred Three (d) (103d) of the General Municipal Law as the act and deed of such corporation, and for any inaccuracies or misstatements in such certificate this corporate bidder shall be liable under the penalty of perjury.

The foregoing is a true and correct cop of the resolution by _____
Corporation at a meeting of its Board of Directors held on the _____ day of _____, 20____.

(SEAL OF THE CORPORATION)

Secretary

1.07 ACCEPTANCE

A. When this Proposal is accepted, the undersigned agrees to enter into Contract with the Owner as provided in the Form of

Agreement.

1.08 AFFIRMS

A. The undersigned affirms and agrees that this Proposal is a firm one which remains in effect and will be irrevocable for a period of forty-five (45) days after opening of Bids.

1.09 TYPE OF BUSINESS

A. The undersigned hereby represents that it is a _____
(Corporation, Partnership, or an Individual). If a Corporation, then the undersigned further represents that it is duly qualified as a Corporation under laws of New York State and it is authorized to do business in this State.

1.10 PLACE OF BUSINESS

A. The following is the name and address of the person to whom all notices required in the connection with this Proposal may be telephoned, mailed or delivered.

(Name)

(Address)

(Telephone)

1.11 EXECUTION OF CONTRACT

A. When written Notice of Acceptance of the Proposal is mailed or delivered to the undersigned within forty-five (45) days after the opening of Bids, or anytime thereafter should the Proposal not be withdrawn, the undersigned, within ten (10) days, will execute the Form of Agreement with the Owner.

1.12 ADDENDA

A. Any Addenda issued by the Architect and mailed or delivered to the undersigned prior to the Bid opening date shall become part of the Contract Documents. The Bidder shall enter on this list any addenda issued after this Form of Proposal has been received and shall fill in the addenda number and date.

Addendum # _____	Dated _____

1.13 ASBESTOS

A. The Contractor certifies that no asbestos or asbestos-containing material will be incorporated into the Work of this Contract.

(Sign Bid Here)

Dated _____, 20____

_____ Legal Name of Person, Partnership
or Corporation

By _____

Title _____

Address _____

PART 1 - GENERAL

1.01 GENERAL

- A. Pursuant to, and in compliance with, your Advertisement for Bids and the Information to Bidders relative thereto and all of the Contract Documents, including any Addenda issued by the Architect and mailed to the undersigned prior to the opening Bids, whether received by the undersigned or not, we

(CONTRACTOR NAME)

hereby proposes to furnish all plant, labor, supplies, materials and equipment for North Rockland High School Restrooms and Site Improvements – Plumbing at the North Rockland Central School District, as required by and in strict accord with the applicable provisions of the Drawings and Specifications entitled “North Rockland High School Restrooms and Site Improvements – Plumbing at the North Rockland High School, 106 Hammond Road, Thiells, NY 10984 for the North Rockland Central School District, 65 Chapel Street, Garnerville, NY 10923”, all to the satisfaction and approval of the Architect and the Owner in accordance with the terms and conditions of the Contract Documents for the following prices:

1. _____ Dollars
(Write out in words)
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- A. NRHS Restrooms and Site Improvements
at North Rockland High School

Total NRHS Restrooms and Site Improvements (\$ _____)

Total Project Plumbing (\$ _____)

- B. ALTERNATES

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No Alternates at this time.

- C. ALLOWANCES

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1.02 TIME OF COMPLETION

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Agreement in accord with the terms of the Contract Documents, work will start on June 27, 2022. Substantial completion will be August 19, 2022. The punch list work will be completed by September 16, 2022 and performed after school hours.

1.03 BID SECURITY

A. Attached hereto is Bid Security in the amount of five percent (5%) of the Base Bid.

1.04 UNIT PRICES

No Unit prices at this time

1.06 NON-COLLUSIVE BIDDING CERTIFICATION

A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.
2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
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Resolved that _____
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The foregoing is a true and correct cop of the resolution by _____
Corporation at a meeting of its Board of Directors held on the _____ day of _____, 20____.

(SEAL OF THE CORPORATION)

Secretary

1.07 ACCEPTANCE

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1.08 AFFIRMS

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period of forty-five (45) days after opening of Bids.

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A. The undersigned hereby represents that it is a _____
(Corporation, Partnership, or an Individual). If a Corporation, then the undersigned further represents that it is duly
qualified as a Corporation under laws of New York State and it is authorized to do business in this State.

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be telephoned, mailed or delivered.

(Name)

(Address)

(Telephone)

1.11 EXECUTION OF CONTRACT

A. When written Notice of Acceptance of the Proposal is mailed or delivered to the undersigned within forty-five (45) days
after the opening of Bids, or anytime thereafter should the Proposal not be withdrawn, the undersigned, within ten (10)
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1.12 ADDENDA

A. Any Addenda issued by the Architect and mailed or delivered to the undersigned prior to the Bid opening date shall
become part of the Contract Documents. The Bidder shall enter on this list any addenda issued after this Form of Proposal
has been received and shall fill in the addenda number and date.

Addendum # _____	Dated _____

1.13 ASBESTOS

A. The Contractor certifies that no asbestos or asbestos-containing material will be incorporated into the Work of this
Contract.

(Sign Bid Here)

Dated _____, 20_____

Legal Name of Person, Partnership
or Corporation

By _____

Title _____

Address _____

SECTION 011200 - MULTIPLE CONTRACT SUMMARY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes a summary of each contract, including responsibilities for coordination and temporary facilities and controls.
- B. Specific requirements for Work of each contract are also indicated in individual Specification Sections and on Drawings.
- C. Related Requirements:
 - 1. Section 011000 "Summary" for the Work covered by the Contract Documents, restrictions on use of Project site, phased construction, coordination with occupants, and work restrictions.
 - 2. Section 013100 "Project Management and Coordination" for general coordination requirements.

1.3 DEFINITIONS

- A. Permanent Enclosure: As determined by Architect, the condition at which roofing is insulated and weathertight; exterior walls are insulated and weathertight; and all openings are closed with permanent construction or substantial temporary closures equivalent in weather protection to permanent construction.

1.4 PROJECT COORDINATOR

- A. Project coordinator shall be responsible for coordination between the General Construction Contract, Plumbing Contract, HVAC Contract, Electrical Contract,.
 - 1. General Contractor will act as Project Coordinator.

1.5 COORDINATION ACTIVITIES

- A. Coordination activities of Project coordinator include, but are not limited to, the following:
 - 1. Provide overall coordination of the Work.
 - 2. Coordinate shared access to workspaces.
 - 3. Coordinate product selections for compatibility.
 - 4. Provide overall coordination of temporary facilities and controls.
 - 5. Coordinate, schedule, and approve interruptions of permanent and temporary utilities, including those necessary to make connections for temporary services.
 - 6. Coordinate construction and operations of the Work with work performed by each Contract and Owner's construction forces and separate contracts.
 - 7. Prepare coordination drawings in collaboration with each contractor to coordinate work by more than one contract.

8. Coordinate sequencing and scheduling of the Work. Include the following:
 - a. Initial Coordination Meeting: At earliest possible date, arrange and conduct a meeting with contractors for sequencing and coordinating the Work; negotiate reasonable adjustments to schedules.
 - b. Prepare a combined contractors' construction schedule for entire Project. Base schedule on preliminary construction schedule. Secure time commitments for performing critical construction activities from contractors. Show activities of each contract on a separate sheet. Prepare a simplified summary sheet indicating combined construction activities of contracts.
 - 1) Submit schedules for approval.
 - 2) Distribute copies of approved schedules to contractors.
 9. Provide photographic documentation.
 10. Provide quality-assurance and quality-control services specified in Section 014000 "Quality Requirements."
 11. Coordinate sequence of activities to accommodate tests and inspections, and coordinate schedule of tests and inspections.
 12. Provide information necessary to adjust, move, or relocate existing utility structures affected by construction.
 13. Locate existing permanent benchmarks, control points, and similar reference points, and establish permanent benchmarks on Project site.
 14. Provide field surveys of in-progress construction and site work and final property survey.
 15. Provide progress cleaning of common areas and coordinate progress cleaning of areas or pieces of equipment where more than one contractor has worked.
 16. Coordinate cutting and patching.
 17. Coordinate protection of the Work.
 18. Coordinate firestopping.
 19. Coordinate completion of interrelated punch list items.
 20. Coordinate preparation of Project record documents if information from more than one contractor is to be integrated with information from other contractors to form one combined record.
 21. Print and submit record documents if installations by more than one contractor are indicated on the same contract drawing or shop drawing.
 22. Collect record Specification Sections from contractors, collate Sections into numeric order, and submit complete set.
 23. Coordinate preparation of operation and maintenance manuals if information from more than one contractor is to be integrated with information from other contractors to form one combined record.
- B. Responsibilities of Project coordinator for temporary facilities and controls include, but are not limited to, the following:
1. Provide common-use field office for use by all personnel engaged in construction activities.

1.6 GENERAL REQUIREMENTS OF CONTRACTS

- A. Extent of Contract: Unless the Agreement contains a more specific description of the Work of each Contract, requirements indicated on Drawings and in Specification Sections determine which contract includes a specific element of Project.
1. Unless otherwise indicated, the work described in this Section for each contract shall be complete systems and assemblies, including products, components, accessories, and installation required by the Contract Documents.
 2. Blocking, backing panels, sleeves, and metal fabrication supports for the work of each contract shall be the work of each contract for its own work.
 3. Furnishing of access panels for the work of each contract shall be the work of each contract for its own work. Installation of access panels shall be the work of the General Construction Contract.
 4. Equipment pads for the work of each contract shall be the work of each contract for its own work.
 5. Roof-mounted equipment curbs for the work of each contract shall be the work of each contract for its own work.
 6. Painting for the work of each contract shall be the work of each contract for its own work.

7. Cutting and Patching: Each contract shall perform its own cutting; patching shall be under the General Construction Contract.
 8. Through-penetration firestopping for the work of each contract shall be provided by each contract for its own work.
 9. Contractors' Startup Construction Schedule: Within five working days after startup horizontal bar-chart-type construction schedule submittal has been received from Project coordinator, submit a matching startup horizontal bar-chart schedule showing construction operations sequenced and coordinated with overall construction.
- B. Substitutions: Each contractor shall cooperate with other contractors involved to coordinate approved substitutions with remainder of the work.
1. Project coordinator shall coordinate substitutions.
- C. Temporary Facilities and Controls: In addition to specific responsibilities for temporary facilities and controls indicated in this Section and in Section 015000 "Temporary Facilities and Controls," each contractor is responsible for the following:
1. Installation, operation, maintenance, and removal of each temporary facility necessary for its own normal construction activity, and costs and use charges associated with each facility, except as otherwise provided for in this Section.
 2. Plug-in electric power cords and extension cords, supplementary plug-in task lighting, and special lighting necessary exclusively for its own activities.
 3. Its own field office, complete with necessary furniture, utilities, and telephone service.
 4. Its own storage and fabrication sheds.
 5. Temporary enclosures for its own construction activities.
 6. Staging and scaffolding for its own construction activities.
 7. General hoisting facilities for its own construction activities, up to **2 tons (2000 kg)**.
 8. Waste disposal facilities, including collection and legal disposal of its own hazardous, dangerous, unsanitary, or other harmful waste materials.
 9. Progress cleaning of work areas affected by its operations on a daily basis.
 10. Secure lockup of its own tools, materials, and equipment.
 11. Construction aids and miscellaneous services and facilities necessary exclusively for its own construction activities.
- D. Temporary Heating, Cooling, and Ventilation: Project coordinator] is responsible for temporary heating, cooling, and ventilation, including utility-use charges, temporary meters, and temporary connections.
- E. Use Charges: Comply with the following:
1. Water Service: Include the cost for water service, whether metered or otherwise, for water used by all entities engaged in construction activities at Project site in the General Construction Contract.
 2. Electric Power Service: Include the cost for electric power service, whether metered or otherwise, for electricity used by all entities engaged in construction activities at Project site in the General Construction Contract.
- 1.7 GENERAL CONSTRUCTION CONTRACT
- A. Supply all necessary materials, labor, services, equipment, and tools required to perform the following site General Construction, work for the Athletic Site Improvements and Restrooms. All work to be installed in strict accordance with Specifications and Drawings.
- B. Supply all necessary materials, equipment, devices and labor for implementation and up-keep of site safety as it relates to this scope of work, to meet or exceed OSHA and / or safety agencies having jurisdiction on this project. Any and all costs resulting from OSHA sited violations will be the complete responsibility of this subcontractor.
- C. This project is a prevailing wage project, and it is the responsibility of this sub-contractor to ensure that all of the latest rules and regulations published by the NYS Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit are strictly followed and adhered to. In the events of an audit conduct by the NYS

Department of Labor, this sub-contractor will be responsible for any and all costs associated with the audit and the Departments' final decision.

- D. Work in the General Construction Contract includes, but is not limited to, the following:
1. Supply all materials, labor, equipment, and tools to install and finish gypsum/masonry/tile at new restroom locations. Finish and paint all new surfaces, and any damaged existing surfaces. Repair gypsum ceiling if damaged during removal.
 2. Supply all materials, labor, equipment, and tools for installation of all site work detailed in the documents.
 3. Supply all materials, labor, equipment, and tools to Finish and paint all new surfaces, and any damaged existing surfaces.
 4. Supply all materials, labor, equipment, and tools to modify/construct all interior walls, gypsum and masonry patching and paint as required.
 5. Supply all materials, labor, equipment, and tools for installation of new doors for the restrooms including, but not limited to, saw cutting and demo of existing masonry wall, installation of new steel lintels, and installation of new doors and door frames, masonry patching as required
 6. Supply all materials, labor, equipment, and tools required for the site improvements including, but not limited to installation of new basketball courts, concrete and asphalt paving as required, installation of new seating, demo and installation of signage and paver wall, demo and installation of concrete curbs, demo and installation of new fencing and gates, site excavation and landscaping as required.
 7. File, pay for, and obtain all required permit, inspections and approvals.
 8. Schedule and perform all inspections required by this scope of work.
 9. Removal and disposal of daily generated debris. Upon completion of this contractor's work, all excess materials and debris in the building and site are to be removed and disposed of promptly.
 10. Remaining work not identified as work under other contracts.
 11. This is a prevailing wage project.
 12. Supply all materials, labor, equipment, and tools to install all new asphalt and asphalt repair for electrical trenches.
 13. Sawcut asphalt, excavate, provide bedding and backfill electrical trenches. Coordinate with electrical contractor.
 14. Supply all materials, labor, equipment, and tools for installation of light post foundations. Coordinate with electrical contractor.

1.8 PLUMBING CONTRACT

- A. Supply all necessary materials, labor, services, equipment and tools required to perform the following site Plumbing work for the Athletic Site Improvements and Restrooms. All work to be installed in strict accordance with Specifications and Drawings.
- B. Supply all necessary materials, equipment, devices and labor for implementation and up-keep of site safety as it relates to this scope of work, to meet or exceed OSHA and / or safety agencies having jurisdiction on this project. Any and all costs resulting from OSHA sited violations will be the complete responsibility of this subcontractor
- C. This project is a prevailing wage project and it is the responsibility of this sub-contractor to ensure that all of the latest rules and regulations published by the NYS Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit are strictly followed and adhered to. In the events of an audit conduct by the NYS Department of Labor, this sub-contractor will be responsible for any and all costs associated with the audit and the Departments' final decision.
- D. Work in the Plumbing Contract includes, but is not limited to, the following:
1. Supply all materials, labor, equipment and tools for demolition of existing plumbing fixtures and installation of new plumbing fixtures.

2. Supply all materials, labor, equipment and tools for demolition and capping of existing piping, installation of new piping, and necessary connections to the new fixtures.
3. File, pay for, and obtain all required permit, inspections and approvals.
4. Schedule and perform all inspections required by this scope of work.
5. Removal and disposal of daily generated debris. Upon completion of this contractor's work, all excess materials and debris in the building and site are to be removed and disposed of promptly.
6. This is a prevailing wage project.

1.9 HVAC CONTRACT

- A. Supply all necessary materials, labor, services, equipment and tools required to perform the following site electrical work for the Athletic Site Improvements and Restrooms. All work to be installed in strict accordance with Specifications and Drawings.
- B. Supply all necessary materials, equipment, devices and labor for implementation and up-keep of site safety as it relates to this scope of work, to meet or exceed OSHA and / or safety agencies having jurisdiction on this project. Any and all costs resulting from OSHA sited violations will be the complete responsibility of this subcontractor
- C. This project is a prevailing wage project and it is the responsibility of this sub-contractor to ensure that all of the latest rules and regulations published by the NYS Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit are strictly followed and adhered to. In the events of an audit conduct by the NYS Department of Labor, this sub-contractor will be responsible for any and all costs associated with the audit and the Departments' final decision.
- D. Work in the HVAC Contract includes, but is not limited to, the following:
 1. Supply all materials, labor, equipment, and tools for installation of new ceiling unit heaters and ceiling exhaust grilles.
 2. File, pay for, and obtain all required permit, inspections, and approvals.
 3. Schedule and perform all inspections required by this scope of work.
 4. Removal and disposal of daily generated debris.
 5. Upon completion of this contractor's work, all excess materials and debris in the building and site are to be removed and disposed of promptly.
 6. This is an prevailing wage project.
- E. Temporary facilities and controls in the HVAC Contract include, but are not limited to, the following:
 1. Temporary facilities and controls that are not otherwise specifically assigned to the Plumbing Contract.
 2. Temporary enclosure for building exterior.
 3. Temporary roads and paved areas.
 4. Project identification and temporary signs.
 5. General waste disposal facilities.
 6. Temporary fire-protection facilities.
 7. Barricades, warning signs, and lights.
 8. Site enclosure fence.
 9. Security enclosure and lockup.
 10. Environmental protection.
 11. Restoration of Owner's existing facilities used as temporary facilities.

1.10 ELECTRICAL CONTRACT

- A. Supply all necessary materials, labor, services, equipment and tools required to perform the following site electrical work for the Athletic Site Improvements and Restrooms. All work to be installed in strict accordance with Specifications and Drawings.
- B. Supply all necessary materials, equipment, devices and labor for implementation and up-keep of site safety as it relates to this scope of work, to meet or exceed OSHA and / or safety agencies having jurisdiction on this project. Any and all costs resulting from OSHA sited violations will be the complete responsibility of this subcontractor
- C. This project is a prevailing wage project and it is the responsibility of this sub-contractor to ensure that all of the latest rules and regulations published by the NYS Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit are strictly followed and adhered to. In the events of an audit conduct by the NYS Department of Labor, this sub-contractor will be responsible for any and all costs associated with the audit and the Departments' final decision.
- D. Work in the Electrical Contract includes, but is not limited to, the following:
 - 1. Supply and install all electrical materials, devices, and equipment for the installation of new restrooms including but limited to demolition of existing fixtures, installation of new lighting, and electrical connections to electrical ceiling mounted heaters, lighting, controls, and fire alarm.
 - 2. Supply and install all electrical materials, devices, and equipment for the installation of new site lighting.
 - 3. Supply and install underground conduits/pull boxes and controls.
 - 4. File and obtain and pay for all required permits, inspections, and approval.
 - 5. Schedule and perform all inspections required by this scope of work.
 - 6. Removal and disposal of daily generated debris.
 - 7. Upon completion of this contractor's work, all excess materials, and debris in the building, connecting link and site are to be removed and disposed of promptly, and site restored to original condition.
 - 8. This is a prevailing wage project.
- E. Temporary facilities and controls in the Electrical Contract include, but are not limited to, the following:
 - 1. Electric power service and distribution.
 - 2. Electrical connections to existing systems and temporary facilities and controls furnished by the General Construction Contract, Plumbing Contract, HVAC Contract, Electrical Contract,.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 011200

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 1. Include, as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation, whether or not indicated as part of alternate.
- B. Execute accepted alternates under the same conditions as other Work of the Contract.
- C. Schedule: A Part 3 "Schedule of Alternates" Article is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. Alternate No. 1: Remove 36" CMP and replace with HDPE pipe from South headwall to 10' away from line of new asphalt. Approximately 220 L.F. of pipe, Contractor to field verify. Remove and install 1 concrete headwall. See detail 2/C-503.

- B. Alternate No. 1A: Replace existing headwall for Alternate No. 1.
- C. Alternate No. 2: Remove 36" CMP and replace with HDPE pipe from North headwall to 10' away from line of new asphalt. Approximately 270 L.F. of pipe, Contractor to field verify. Remove and install 1 concrete headwall. See detail 2/C-503.
- D. Alternate No. 2A: Replace existing headwall for Alternate No. 2.
- E. Alternate No. 3: Add seating on North side of entry.
- F. Alternate No. 4: Provide an amount for credit to this project if the contractor is awarded this project in conjunction with the Pavilions at NRCSD project.

END OF SECTION 012300

NRHS RESTROOMS AND SITE IMPROVEMENTS

NORTH ROCKLAND HIGH SCHOOL
SED NO. 50-02-01-06-0-016-033

65 Chapel St
Garnerville, NY 10923

OWNER:

North Rockland Central School District
65 Chapel St
Garnerville, NY 10923

ARCHITECT:

MICHAEL SHILALE ARCHITECTS, LLP
140 Park Avenue
New City, NY 10956

PME ENGINEER:

GREENMAN-PEDERSEN, INC.
400 Rella Boulevard
Montebello, NY 10901

MATERIALS LEGEND	
	CONCRETE MASONRY UNIT
	BRICK
	RIGID INSULATION
	CONCRETE
	GRAVEL OR STONE
	EARTH
	EIFS
	ASPHALT PAVING
	SAND/MORTAR/GYPSUM BOARD
	STEEL
	ACT
	ROUGH WOOD
	BRONZE

ABBREVIATIONS	
ACT	ACOUSTICAL CEILING TILE
A.F.F.	ABOVE FINISH FLOOR
ASPH	ASPHALT
BLK	BLOCK
BLK'G	BLOCKING
BUR	BUILT UP ROOFING
CLG	CEILING
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONT	CONTINUOUS
C.J.	CONTROL JOINT
DN	DOWN
DIA	DIAMETER
DWG	DRAWING
E.F.	EACH FACE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
E.W.	EACH WAY
E.W.C.	ELECTRICAL WATER COOLER
EL	ELEVATION
ELC	ELECTRICAL CONTRACTOR
EXIST	EXISTING
EXP	EXPANSION
EXT'G	EXISTING
EXTR	EXTERIOR
FP	FIREPROOF
FIN.	FINISH(ED)
GA	GAUGE
GC	GENERAL CONTRACTOR
GALV	GALVANIZED
GL	GLASS
GWB	GYPSUM WALL BOARD
HDPE	HIGH DENSITY POLYETHYLENE
HM	HOLLOW METAL
H.P.	HIGH POINT
HAC	HEATING & A/C CONTRACTOR
ITR	INDIVIDUAL TREATMENT ROOM
JT	JOINT
LAM	LAMINATE
LAV	LAVATORY
LP	LOW POINT
MAX	MAXIMUM
MFR	MANUFACTURER
MTL	METAL
MIN	MINIMUM
MO	MASONRY OPENING
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
OC	ON CENTER
OP'N'G	OPENING
PBC	PLUMBING CONTRACTOR
PLAS.LAM.	PLASTIC LAMINATE
PL	PLATE
PLY'D	PLYWOOD
RAD	RADIUS
REF.CLG.	REFLECTED CEILING
REQ'D	REQUIRED
RO	ROUGH OPENING
SIM	SIMILAR
S.P.	STARTING POINT
STL	STEEL
SUSP.CLG.	SUSPENDED CEILING
T.O.M.	TOP OF MASONRY
T.O.S.	TOP OF STEEL
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V.I.F.	VERIFY IN FIELD
VCT	VINYL COMPOSITE TILE
W/	WITH
WD	WOOD

DRAWING No.	DRAWING TITLE	DATE
A-000	COVER SHEET	01-03-22
B-100	CODE ANALYSIS	12-16-21
EEB-100	EEB COMPLIANCE DRAWING	12-16-21
C-099	OVERALL SITE DEMOLITION PLAN	12-16-21
C-100	OVERALL SITE PLAN	12-16-21
C-101	ENLARGED SITE PLAN	01-03-22
C-102	ENLARGED SITE PLAN	12-16-21
C-500	SITE DETAILS-CONCRETE AND ASPHALT	12-16-21
C-501	SITE DETAILS-GATES AND FENCING	12-16-21
C-502	SITE DETAILS-SPECIALTIES	12-16-21
C-503	SITE DETAILS-SPECIALTIES	12-16-21
C-503.1	SITE DETAILS-SPECIALTIES	12-16-21
C-504	SITE DETAILS-BASKETBALL COURT	12-16-21
S-101	STRUCTURAL DETAILS	01-03-22
D-100	NRHS TRAINER ROOM DEMO PLAN	12-16-21
A-100	NRHS TRAINER ROOM DETAILS	12-16-21
A-400	REFLECTED CEILING PLAN	12-16-21
A-600	DOOR AND HARDWARE SCHEDULE	12-16-21
A-601	FINISH SCHEDULE AND PARTITION TYPES	12-16-21
A-610	NRHS TRAINER ROOM INTERIOR DETAILS	12-16-21
M-101	MECHANICAL PARTIAL PLAN AND DETAILS	12-16-21
P-001	PLUMBING GENERAL NOTES	12-16-21
P-101	PLUMBING PARTIAL PLANS & RISER DIAGRAMS	12-16-21
P-501	PLUMBING DETAILS	12-16-21
E-001	ELECTRICAL NOTES AND DETAILS	01-03-22
E-101	ELECTRICAL SITE PLAN	01-03-22
E-102	ELECTRICAL BATHROOM PARTIAL PLAN	01-03-22

LIST OF DRAWINGS

GENERAL NOTES

- ALL PLAN DIMENSIONS ARE NOMINAL U.O.N. DIMENSIONS TO THE FINISHED FACE OF AN ELEMENT OR WALL WILL BE DESIGNATED WITH AN "F" AS SHOWN
- G.C. TO VERIFY ALL DIMENSIONS IN THE FIELD AND IS TO NOTIFY ARCHITECT IF THERE ARE ANY DISCREPANCIES

ALTERNATES/ALLOWANCES

ALT. NO. 1:
REMOVE 36" CMP AND REPLACE WITH HDPE PIPE FROM SOUTH HEADWALL TO 10' AWAY FROM LINE OF NEW ASPHALT. APPROXIMATELY 220 L.F. OF PIPE, CONTRACTOR TO FIELD VERIFY. REMOVE AND INSTALL 1 CONCRETE HEADWALL. SEE DETAIL 2/C-503.

ALT. NO. 1A:
REPLACE EXISTING HEADWALL FOR ALTERNATE NO. 1.

ALT. NO. 2:
REMOVE 36" CMP AND REPLACE WITH HDPE PIPE FROM NORTH HEADWALL TO 10' AWAY FROM LINE OF NEW ASPHALT. APPROXIMATELY 270 L.F. OF PIPE, CONTRACTOR TO FIELD VERIFY. REMOVE AND INSTALL 1 CONCRETE HEADWALL. SEE DETAIL 2/C-503.

ALT. NO. 2A:
REPLACE EXISTING HEADWALL FOR ALTERNATE NO. 2.

ALT. NO. 3:
ADD SEATING ON NORTH SIDE OF ENTRY.

ALT. NO. 4:
PROVIDE AN AMOUNT FOR CREDIT TO THIS PROJECT IF THE CONTRACTOR IS AWARDED THIS PROJECT IN CONJUNCTION WITH THE PAVILIONS AT NRCS D PROJECT.

ALLOWANCE NO. 1:
\$5,000 FOR TESTING

UNIT PRICES

UNIT PRICE NO. 1:
PROVIDE A PRICE PER SQ YARD FOR 2" ASPHALT. NEW PAVING WHERE NO PAVING PREVIOUSLY EXISTED. SEE DETAIL 9/C-500.

UNIT PRICE NO. 2:
PROVIDE A PRICE PER SQ YARD FOR 2" ASPHALT AND 1-1/2" MILLING OF EXISTING PAVING. SEE DETAIL 12/C-500.

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

Drawn by	JR/MAL	Checked by	MS/JC	Project No.	41063
Scale	AS NOTED	Date	04-07-21		

Mechanical & Electrical Engineer:	Structural Engineer:
_____	_____

NORTH ROCKLAND HS RESTROOM AND SITE IMPROVEMENTS

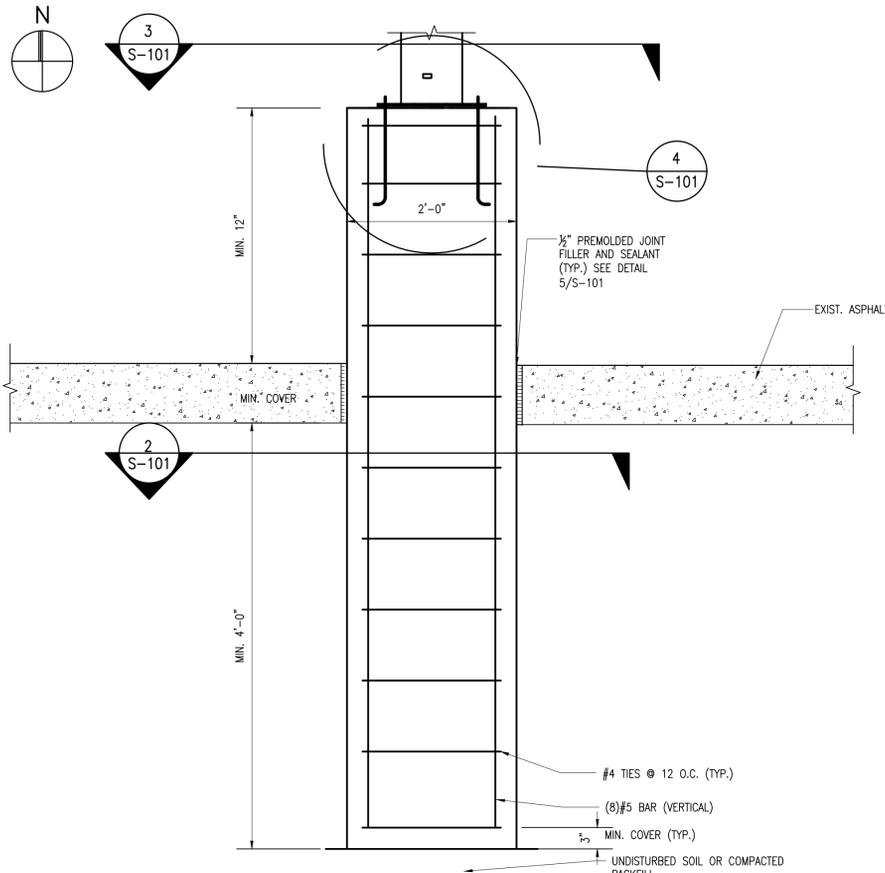
SED# 50-02-01-06-0-016-033

AS. CULTURE, NY 10923

MICHAEL SHILALE ARCHITECTS, LLP
140 Park Avenue New City, NY 10956 | Tel 845-706-5000
www.mshale.com

COVER SHEET	A-000
Drawing Title	Drawing No.

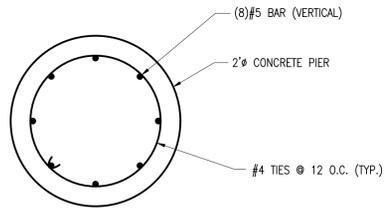
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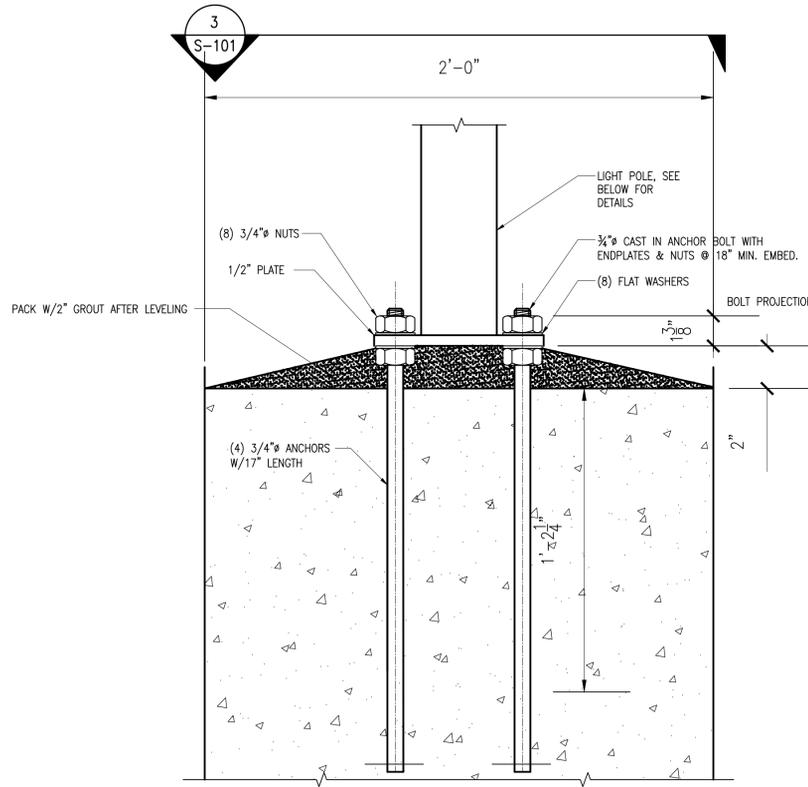
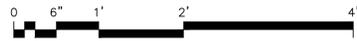
1 CONCRETE PIER EVALUATION
SCALE: 1" = 1'-0"



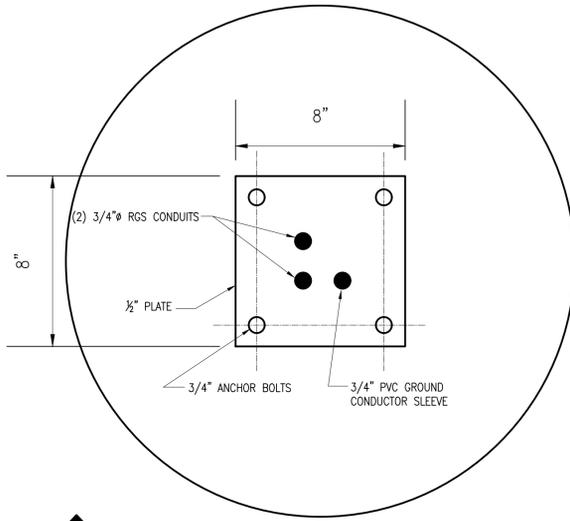
- NOTES:
- 1) CONTRACTOR SHALL USE MIN. 4000 COMPRESSIVE STRENGTH CONCRETE
 - 2) CONTRACTOR SHALL VERIFY THAT AREA OF WORK IS CLEAR OF UNDERGROUND UTILITIES AND OBSTACLES PRIOR TO START OF EXCAVATION
 - 3) REBAR SHALL BE MINIMUM 60 KSI BILLET STEEL AS PER ASTM 615.
 - 4) CONTRACTOR SHALL COORDINATE ANCHOR, BEARING PLATE, AND CONDUIT SIZES WITH MANUFACTURER AND ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS FOR CONDUIT ROUTING AND SIZING DETAILS.
 - 5) SEE LIGHT FIXTURE SCHEDULE ON DRAWING E-101 FOR MORE INFO.



2 CONCRETE PIER DETAIL
SCALE: 1" = 1'-0"



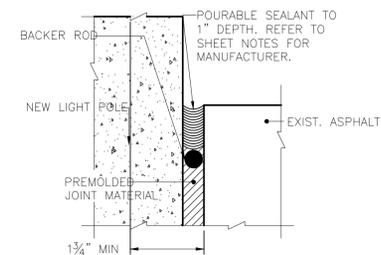
4 ANCHOR BOLT DETAIL 2
SCALE: 3" = 1'-0"



3 ANCHOR BOLT DETAIL 1
SCALE: 3" = 1'-0"



- NOTES:
1. BASEPLATE ITEMS COME WITH LIGHTPOLE KIT. CONTRACTOR SHALL VERIFY DIMENSIONS OF LIGHT POLE BASEPLATE WITH ELECTRICAL CONTRACTOR PRIOR TO START OF CONSTRUCTION.



5 JOINT DETAIL
SCALE: NTS

No.	Date	Revisions
4	01-03-22	ADDENDUM 1
3	12-16-21	ISSUED FOR BID
2	11-19-21	ADDENDUM 1
1	9-22-21	BIDDING DOCUMENTS

Drawn by	WM
Checked by	SH
Project No.	41063
Scale	AS NOTED
Date	04-07-21

GREENMAN PEDERSEN, INC. MECHANICAL & ELECTRICAL ENGINEER MONTESSA, NY 10901	Structural Engineer
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NORTH ROCKLAND HS RESTROOM AND SITE IMPROVEMENTS
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Drawing Title
STRUCTURAL DETAILS
Drawing No.
S-101

GENERAL NOTES

- THE CONTRACTOR SHALL BE HELD TO HAVE VISITED THE PREMISES AND TO HAVE COMPARED THEIR OBSERVATIONS WITH THE DRAWINGS AND SPECIFICATIONS, AND TO HAVE VERIFIED THE EXISTING CONDITIONS THROUGHOUT THE BUILDING. LATER CLAIMS MADE BY THE CONTRACTOR FOR HAVING INCURRED EXTRA COSTS SHALL NOT BE CONSIDERED WITHOUT FIRST SECURING SUFFICIENT PROOF IN SUPPORT OF EVIDENCE OF SUCH EXTRA CLAIMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AREAS WHERE INSUFFICIENT INFORMATION IS AVAILABLE, OR WHERE IT CAN BE DOCUMENTED WITH PHOTOS, AND OTHER SUPPORTING INFORMATION THAT SUCH EVIDENCE WAS BEYOND THE MEANS OF THE CONTRACTOR AS JUDGED BY THE OWNER. FINAL JUDGMENT FOR SUCH CLAIMS SHALL BE BY THE OWNER.
- VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD, AND BE RESPONSIBLE FOR THE SAME PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER, THE ARCHITECT AND THE ENGINEER ON RECORD.
- ALL ELECTRICAL WORK SHALL ADHERE TO THE 2017 NATIONAL ELECTRICAL CODE AND THE NEW YORK STATE BUILDING CODES, 2020 AND NEW YORK ENERGY CODE 2020.
- ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE AND MOST RECENT EDITION OF THE STATE AND LOCAL CODES AND SHALL MEET THE REQUIREMENTS OF ALL OTHER AUTHORITIES, ORGANIZATIONS AND GOVERNMENT AGENCIES HAVING JURISDICTION.
- THE WORK OF THIS CONTRACT IS TO BE PERFORMED WITH A HIGH LEVEL OF QUALITY. WORK WHICH IS, IN THE OPINION OF DESIGNATED REPRESENTATIVE NOT IN COMPLIANCE WITH THE HIGHEST RECOGNIZED INDUSTRY STANDARD FOR WORKMANSHIP OR WORK WHICH HAS BEEN DAMAGED BY FACILITY WORKMANSHIP, WILL BE REMOVED AND REPLACED, OR REPAIRED TO THE SATISFACTION OF THE OWNER.
- PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY TO COMPLETE THE WORK DESCRIBED HEREIN AND/OR AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER CONSTRUCTION SHALL BE INCLUDED AS IF THEY WERE ON THE DRAWINGS.
- THE LOCATIONS SHOWN ON THE DRAWINGS INDICATE INTENT AND SHALL BE VERIFIED IN THE FIELD.
- ALL HOLES MADE BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE PROPERLY PATCHED AND REPAIRED. ALL CONDUIT PENETRATIONS THROUGH FLOORS AND WALLS SHALL BE SEALED.
- THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO PERFORM ALL WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
- THE CONTRACTOR SHALL PROVIDE ALL PHYSICAL PROTECTION REQUIRED TO PROTECT ALL EQUIPMENT DURING CONSTRUCTION.
- WHERE CONDUIT ROUTING HAS NOT BEEN SHOWN ON THE DRAWINGS, THE ROUTING OF POWER BRANCH CIRCUITS WILL BE AT THE CONTRACTOR'S DISCRETION AND THE OWNER APPROVAL IN ACCORDANCE WITH CODES AND SPECIFICATIONS.
- CONDUIT ROUTING AS SHOWN IN CONTRACT DRAWINGS ARE TENTATIVE, ACTUAL ROUTING SHALL BE DETERMINED BASED ON FIELD CONDITIONS.

INSTALLATION NOTES

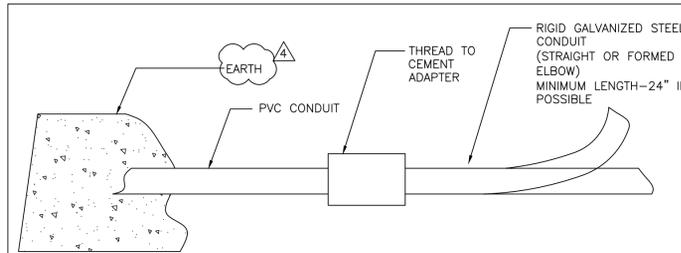
- CONTRACTOR SHALL PERMANENTLY FASTEN ALL THE EQUIPMENT AS INDICATED ON THE DRAWINGS IN AN APPROVED MANNER, WITH ALL NECESSARY HARDWARE.
- CONTRACTOR SHALL PROVIDE ALL CONDUITS, WIRING, OUTLET BOXES AND ALL ACCESSORIES NECESSARY TO COMPLETE THE WIRING TO ALL COMPONENTS OF THE SYSTEM. ALL CONNECTIONS SHALL BE MADE COMPLETE AND TESTED.

ELECTRICAL DEMOLITION NOTES APPLICABLE FOR NORTH ROCKLAND HIGH SCHOOL ONLY:

- THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL AND ELECTRICAL LAYOUTS IN FULL COORDINATION WITH THE ARCHITECT'S DEMOLITION PLANS. ALL SYSTEMS WHICH ARE NO LONGER REQUIRED TO FUNCTION SHALL BE DE-ENERGIZED AND DISCONNECTED AT THE SOURCE OF POWER SUPPLY.
- THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE WITH FUNCTIONING ELECTRICAL SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.
- DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. THE CONTRACTOR SHALL PATCH, REPAIR OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL OUTLETS, LIGHT FIXTURES, SWITCHES AND OTHER DEVICES, COMPLETE WITH ASSOCIATED WIRING, CONDUITS, ETC. BACK TO SOURCE. WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING WIRING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL JUNCTION BOXES AND OTHER DEVICES AND PROVIDE BYPASS CONNECTIONS NECESSARY TO MAKE CIRCUITS AFFECTED CONTINUOUS AND READY FOR OPERATION. OTHERWISE, WIRING SHALL BE REMOVED BACK TO THE NEAREST ELECTRICAL JUNCTION BOX THAT IS TO REMAIN OR TO PANELBOARD.
- ALL RACEWAYS WHICH BECOME EXPOSED DURING THE ALTERATION WORK SHALL BE REMOVED AND REROUTED CONCEALED BEHIND FINISHED SURFACES.
- EXISTING PANEL DIRECTORIES AFFECTED BY THE ALTERATION WORK SHALL BE MODIFIED TO REFLECT THE BRANCH CIRCUIT WIRING CHANGES.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AT THE APPROPRIATE TIME OF THE PROJECTED DEMOLITION AND PHASING SCHEDULE SO THAT REMOVAL OR RELOCATION OF AFFECTED UTILITIES MAY BE CARRIED OUT IN COORDINATION WITH THE PROJECT REQUIREMENTS. THE CONTRACTOR SHALL FOLLOW CLOSELY THE ARCHITECT'S DEMOLITION AND PHASING SCHEDULE AND PROCEED IN THE SPECIFIED SEQUENCE.
- ARRANGE TO WORK CONTINUOUSLY, INCLUDING OVER TIME, IF REQUIRED, TO ASSURE THAT SYSTEMS WILL BE SHUT DOWN ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTIONS TO THE EXISTING SYSTEMS.
- IF REQUIRED, THE SHUTDOWN OF EXISTING BUILDING ELECTRICAL SERVICES SHALL BE COORDINATED WITH THE OWNER. MAKE ARRANGEMENTS AT LEAST 5 BUSINESS DAYS PRIOR TO A SHUTDOWN.

ABBREVIATIONS

A	AMPERE	LP	120/208V PANEL
AC	ALTERNATING CURRENT	LS	LOUDSPEAKER
ACS	ADMINISTRATIVE CONTROL STATION	LTG	LIGHTING
ADA	AMERICANS WITH DISABILITIES ACT	MATV	MASTER TELEVISION
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
ARCH	ARCHITECTURAL	MECH	MECHANICAL
ATS	AUTOMATIC TRANSFER SWITCH	MER	MECHANICAL EQUIPMENT ROOM
A/C	AIR CONDITIONING	MIC	MICROPHONE
C	CONDUIT	MTD	MOUNTED
CAB	CABINET	N	NEUTRAL
CLG	CEILING	N.C.	NORMALLY CLOSED
CB	CIRCUIT BREAKER	N.O.	NORMALLY OPEN
CKT(S)	CIRCUIT(S)	O & R	ORANGE AND ROCKLAND
COL	COLUMN	P	POLE(S)
DRWG	DRAWING	PB	PULL BOX
EC	ELECTRICAL CONTRACTOR	PNL	PANEL
ELEC	ELECTRIC	PP	277/480V PANEL
EMR	ELEVATOR MECHANICAL ROOM	RC	REMOTE CONTROL
EMT	ELECTRIC METALLIC TUBING	SP	SPARE
EXH	EXHAUST	SSB	SOLID STATE BALLAST
EXIST	EXISTING	STD	STANDARD
FATB	FIRE ALARM TERMINAL BOX	SW	SWITCH
FL	FLOOR	SWBD	SWITCHBOARD
GRD	GROUND	TEL	TELEPHONE
GFCI	GROUND FAULT INTERRUPTER	TV	TELEVISION
GRC	GALVANIZED RIGID CONDUIT	TYP	TYPICAL
IG	ISOLATED GROUND	V	VOLT
JB	JUNCTION BOX	W	WATT
KVA	KILOVOLT AMPERE	WP	WEATHERPROOF
KW	KILOWATT		



3 BURIED CONDUIT TRANSITION
SCALE: NTS

POWER SYMBOLS

S ₃	SINGLE POLE SWITCH
	o = CONTROLS SWITCH LEG 'o'
	MO = MOMENTARY CONTACT M = DISCONNECT SWITCH - TOGGLE TYPE MOTOR RATED, 20A, 1P, UON
GFI WP	NEMA 5-20R, 20A, 125V DEDICATED DUPLEX RECEPTACLE - FLUSH WALL MOUNTED. GFI INDICATES GROUND FAULT INTERRUPTER. SUBSCRIPT "WP" INDICATES WEATHER PROOF.
⊕	CEILING MOUNTED JUNCTION BOX
⊕-1	FLUSH WALL MOUNTED JUNCTION BOX
GFI WP	NEMA 5-20R, 20A, 125V ISOLATED GROUND DUPLEX RECEPTACLE - POST MOUNTED. GFI INDICATES GROUND FAULT INTERRUPTER. SUBSCRIPT "WP" INDICATES WEATHER PROOF.
RP-#	"RP" INDICATES PANEL NAME AND "#" INDICATES THE CIRCUIT NUMBER

LIGHTING

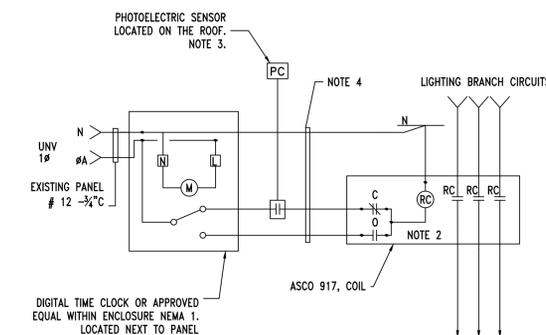
A	2'X2' CEILING RECESSED MOUNTED LED LIGHT FIXTURES. HATCHES INDICATE THE FIXTURE IS CONNECTED TO EMERGENCY CIRCUIT. REFER TO EXISTING LIGHTING FIXTURE SCHEDULE FOR ACTUAL MODEL NO. OF THE FIXTURES. 'A' = FIXTURE TYPE 'o' = CONTROLLED BY CIRCUIT NUMBER
S _{VS}	WALL MOUNTED LINE VOLTAGE VACANCY SENSOR SWITCH. LETTER DENOTES LIGHTING ZONE DESIGNATION. "VS" ONLY DENOTES ACUITY BRANDS: WSX-PDT-X.
▽	SINGLE DATA OUTLET RJ45 WITH 3/4" CONDUIT WITH 4 PAIR CAT6 (23AWG) WIRE BACK TO TELECOM ROOM.
C	1'X4' ALCON LIGHTING 11450 ARCHITECTURAL LED POST LIGHT FIXTURE CLEAR LENS, 5000K, WITH 15' POLE
B	2X2 RECESSED LED CLEAR APPEAL LIGHT FIXTURE WITH LENS DAY-BRIGHT # 2-CAX-G-30L-840-2-DS-UNV-DIM-F1-WL

FIRE ALARM SYMBOLS

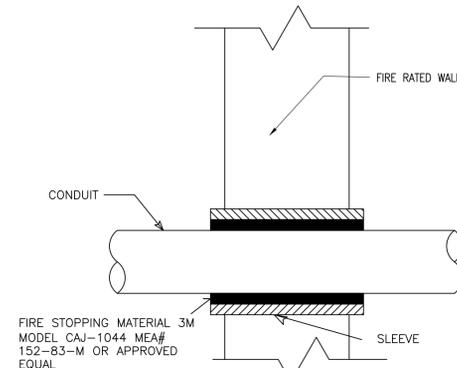
⊕ WP	FIRE SIGNAL STROBE. SUBSCRIPT "WP" DENOTES WITH WEATHERPROOF
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NOTES:

- REFER TO LIGHTING FLOOR PLANS FOR LIGHTING LOCATION.
- PROVIDE ASCO 917 CONTACTOR IN A SEPARATE ENCLOSURE WITH ACCESSORIES AS REQUIRED FOR PROPER DIGITAL TIME CLOCK/PHOTOCELL OPERATION.
- PHOTOCELL SHALL BE ROOF MOUNTED AND POINTED TOWARDS THE NORTH SIDE ADJACENT TO THE PARAPET. LOCATION SHALL BE DECIDED PER FIELD CONDITION SO THAT IT WILL BE UNOBSTRUCTED FROM ACCESS OF AMBIENT LIGHT.
- PROVIDE ALL REQUIRED INTERCONNECTING WIRING AS PER MANUFACTURER'S INSTRUCTIONS.
- THE DIGITAL TIME CLOCK SHALL BE PROVIDED WITH DAY LIGHT SAVINGS AND YEARLY SCHEDULING FEATURES.

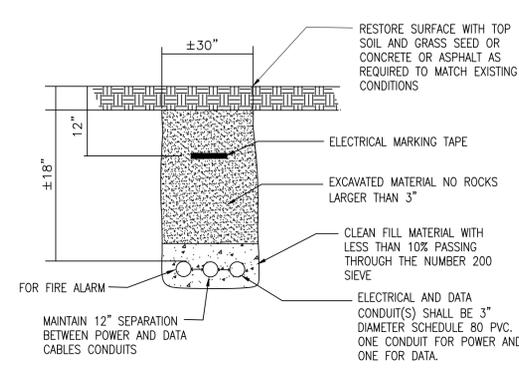


4 EXTERIOR LIGHTING CONTROL
SCALE: NTS



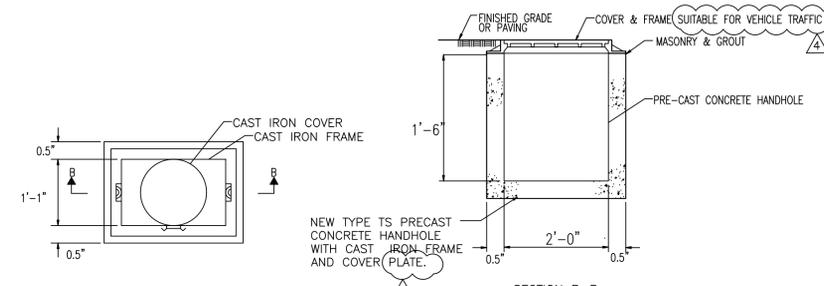
- USE WHERE CONDUITS PASS THRU FIRE RATED WALL.
- WHERE CONDUITS PASS THRU FOUNDATION WALLS, FLOOR SLAB ON EARTH, ROOF, CONCRETE, BEAM, BRICK WALL, OR WATER PROOF FLOORS, USE PIPE SLEEVES AND LINK SEAM WHEN PASSING THRU FOUNDATION WALLS.

1 CONDUIT PENETRATION THROUGH FIRE RATED WALL
SCALE: N.T.S.

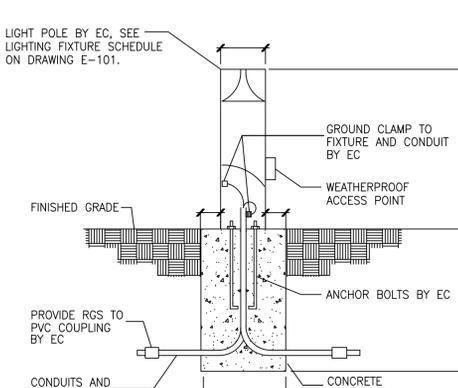


- NOTES:
- ALL CONDUITS ARE NOT TO BE PAINTED (TYP).
 - TRENCHING WORK TO BE PERFORMED BY SITE CONTRACTOR

2 TYPICAL TRENCH DETAIL
SCALE: N.T.S.



6 ELECTRICAL HANDHOLE DETAIL
SCALE: NTS (VEHICLE TRAFFIC RATED)



- NOTES:
- REFER TO MFGRS. REQUIREMENT FOR PLACEMENT OF ANCHORS
 - POLE TO BE SECURED BY EC

5 LIGHTING FIXTURE GROUNDING
SCALE: NTS

No.	Date	Revisions
4	01-03-22	ADDENDUM 1
3	12-16-21	ISSUED FOR BID
2	11-19-21	ISSUED ADDENDUM 1
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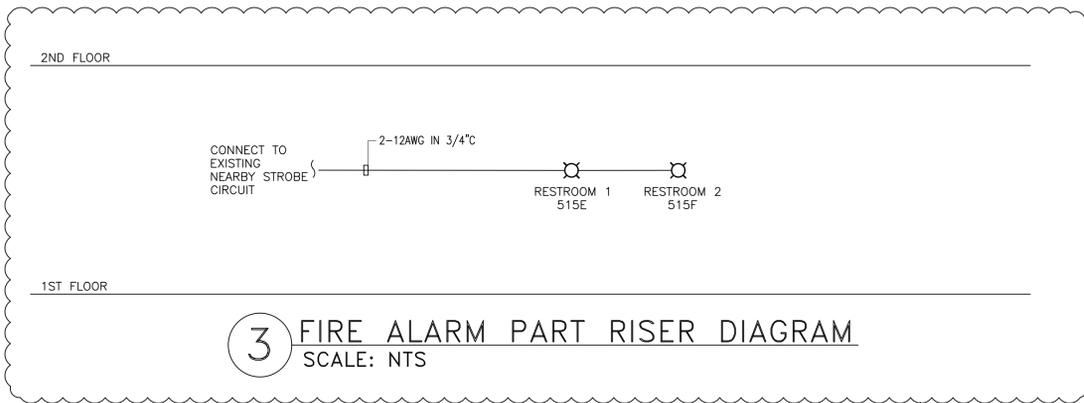
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Drawing Title
ELECTRICAL NOTES AND DETAILS
 Drawing No.
E-001

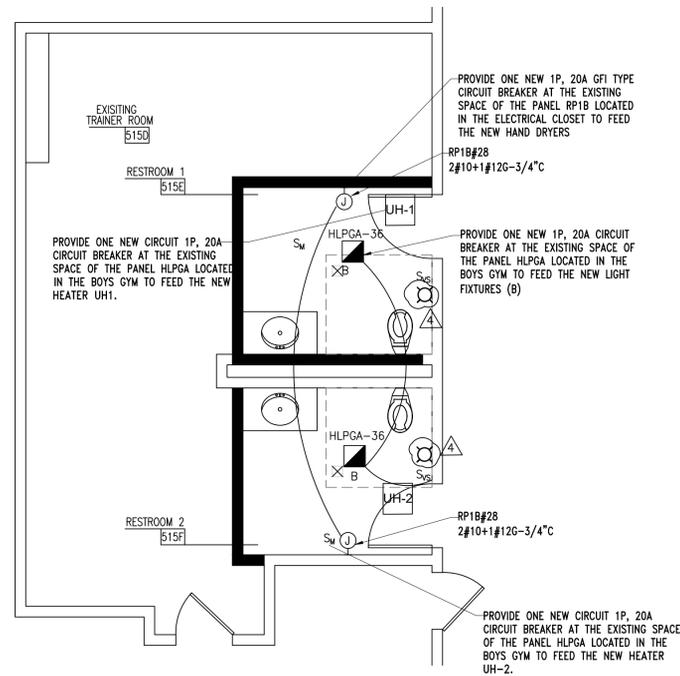
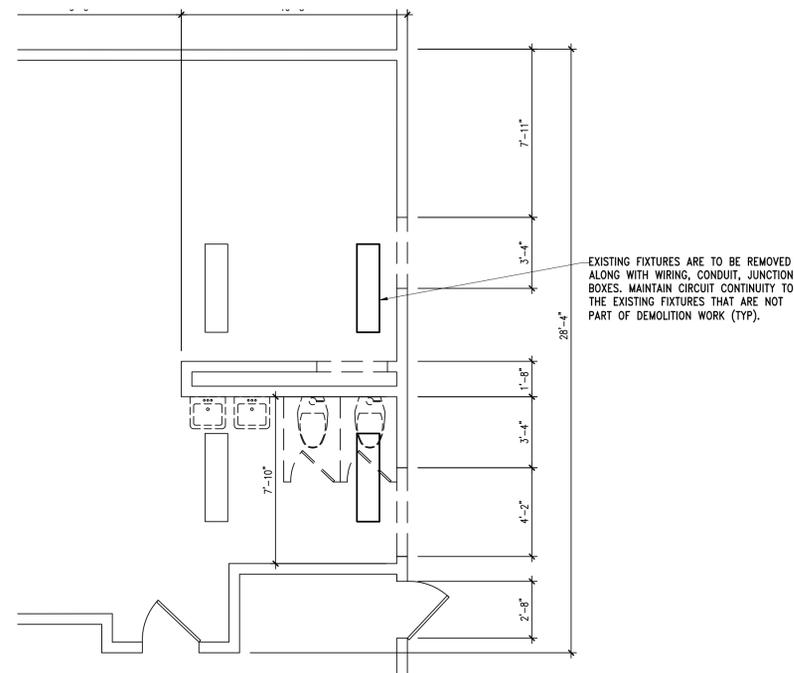


INSTALLATION NOTES

- ALL EXTERIOR EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL TYPE, UOI. ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 80. ALL INTERIOR CONDUIT SHALL BE EMT. EXTERIOR EXPOSED RGS CONDUITS (PORTION OF CONDUITS ABOVE GRADE) AT THE PAVILION CONNECTING RECEPTACLES AND DATA OUTLET SHALL BE COVERED TO MATCH EXISTING FINISHES. COORDINATE WITH ARCHITECT FOR THE FINAL FINISHING MATERIAL AT FIELD.
- ALL EXTERIOR "A" LIGHT FIXTURES IN PAVILION AND BASKETBALL COURT SHALL BE CONTROLLED VIA DIGITAL TIME CLOCK AND OUTDOOR PHOTOCELL.
- CONTRACTOR TO MOUNT RECEPTACLE ON THE CORNER COLUMN AT 42" ABOVE GRADE. PROVIDE AND INSTALL WEATHER PROOF COVER. SEE DRAWING E001 FOR DETAIL. PAINT EXTERIOR CONDUIT TO MATCH STRUCTURAL COLUMN COLOR.
- COORDINATE WITH THE BUILDING FACILITY AND SET UP THE DIGITAL TIME CLOCK TO SCHEDULE IT FOR YEARLY OPERATION OF THE LIGHTING WITHIN THE PAVILIONS.
- UNLESS OTHERWISE NOTED, ALL NEW WIRING SHALL BE 2#12+1#12G IN 3/4" CONDUIT.
- REFER TO LIGHTING FIXTURE SCHEDULE IN DRAWING E-101

DEMOLITION NOTES

- THE CONTRACTOR IS TO REMOVE ALL LIGHTING FIXTURES SHOWN IN THE DEMOLITION PLAN ALONG WITH ALL SUPPORTS, JUNCTION BOXES, WIRING AND CONDUIT ETC. MAINTAIN EXISTING CIRCUIT TO RECONNECT THE NEW FIXTURES.
- CONNECT NEW LIGHTING FIXTURES LOW WITH EXISTING NEAR BY LIGHTING CIRCUITS AS INDICATED IN THE PART PLAN IN THIS DRAWING.
- COORDINATE WITH THE BUILDING FACILITY FOR ANY REQUIRE SHUTDOWN OF THE POWER.



FIRE ALARM NOTES:

- FOR SYMBOL LIST, ABBREVIATIONS AND GENERAL NOTES SEE DRAWING E-001
- LOCATION OF DEVICES AND EQUIPMENT ARE APPROXIMATE. FINAL LOCATIONS MUST BE DETERMINED ACCORDING TO THE SITE CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL VERIFY THE ROOM NUMBERS SHOWN ON THE DRAWINGS IN FIELD. SUBMIT AN AS BUILT FIRE ALARM RISER DIAGRAM WITH THE CORRECT ROOM NUMBERS INDICATED.
- WALL MOUNTED HORNS AND VISUAL FIRE ALARMS (STROBES) SHALL HAVE A MINIMUM 5'-0" CLEARANCE FROM ANY OBSTRUCTIONS AND SHALL BE RATED AT 75 CANDELA MINIMUM AND MOUNTED AT 8'-0" A.F.F.
- ALL CONDUITS AND FIRE ALARM EQUIPMENT SHALL BE GROUNDED TO THE WATER MAIN WITH A MINIMUM #8 CONDUCTOR.
- RISER DIAGRAM ON THIS DRAWING IS FOR DESIGN PURPOSE ONLY. FIRE ALARM CONTRACTOR SHALL PROVIDE A COMPLETE RISER DIAGRAM WITH ACTUAL FIELD WIRING REQUIRED.
- EACH FIRE ALARM INITIATION AND INDICATION CIRCUIT SHALL BE ELECTRICALLY SUPERVISED.
- EACH VISUAL FIRE ALARM CIRCUIT SHALL CONTAIN AT LEAST 20% SPARE CAPACITY.
- ALL NEW FIRE ALARM DEVICES SHALL BE ADDRESSABLE OR AND CONNECT WITH THE EXISTING FIRE ALARM SYSTEM. PROVIDE COMPATIBLE DEVICES, PREFERABLY FROM THE SAME EXISTING MANUFACTURER.
- ALL NOTIFICATION CIRCUITS SHALL BE A MINIMUM OF 12 AWG AND ALL OTHER LOW VOLTAGE FIRE ALARM CIRCUITS SHALL BE 14 AWG MINIMUM. ALL INTERIOR WIRING SHALL BE DONE IN 3/4" CONDUIT. PLENUM RATED MULTI-CONDUCTOR CABLE IS ACCEPTABLE IN PLENUM SPACES. RGS CONDUIT SHALL BE INSTALLED WHERE REQUIRED BY BUILDING CODE.
- ALL WIRING SHALL BE INSPECTED TO ASSURE THERE ARE NO OPENS, SHORTS OR EARTH GROUNDS.
- BOOSTER POWER SUPPLIES SHALL BE PROVIDED AS NECESSARY FOR STROBE CIRCUIT DRAW AND LENGTHY STROBE CIRCUIT RUNS.
- ALL NEW FIRE ALARM SYSTEM DEVICES SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH REQUIREMENTS OF NFPA 72, CHAPTER 14.
- COMMUNICATION LOOPS SHALL BE WIRES AS CLASS "B" (LEVEL 1). A BREAK OR GROUND FAULT IN ANY CONDUCTOR SHALL BE REPORTED AS A TROUBLE CONDITION.
- THE CONTRACTOR IS REQUIRED TO OBTAIN SERVICE FROM THE EXISTING SYSTEM MANUFACTURER OR AUTHORIZED VENDOR FROM THE SAME MANUFACTURER FOR RE-PROGRAMMING THE EXISTING SYSTEM TO ACCOMMODATE NEW DEVICES TO MATCH WITH EXISTING SEQUENCE OF OPERATION.
- WHERE A REQUIRED FIRE ALARM SYSTEM IS OUT OF SERVICE FOR MORE THAN 4 HOURS IN A 24-HOUR PERIOD, THE AUTHORITY HAVING JURISDICTION SHALL BE NOTIFIED, AND THE BUILDING SHALL BE EVACUATED, OR AN APPROVED FIRE WATCH SHALL BE PROVIDED BY THE CONTRACTOR UNTIL THE FIRE ALARM SYSTEM HAS RETURNED TO SERVICE.
- THE CONTRACTOR WILL BE RESPONSIBLE TO OBTAIN FINAL LETTER OF APPROVAL OF THE MODIFIED SYSTEM FROM LOCAL CODE OFFICIAL/FIRE DEPARTMENT.
- ALL THE NEW INSTALLATION SHALL BE IN COMPLIANCE WITH THE 2020 NYS BUILDING CODE.
- EXISTING FIRE ALARM SYSTEM IS A MODEL ES-200X BY HONEYWELL.

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ELECTRICAL BATHROOM PART PLANS

Drawing No. **E-102**

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