CSARCH

Bid Addendum No. 3

September 23, 2026
Washingtonville Central School District – 2024 Capital Project - Phase 3
CSArch Project No. 228-2401.03
SED Control No. Varies



Architect's Seal

This Bid Addendum No. 3 forms part of the Contract Documents and modifies the original bidding documents dated August 31, 2026. Bid Addendum No. 3 consists of (6) Cover Pages, (4) Specification Sections, (16) 30x42" Drawing Sheets, and Responses to Bidder Requests For Information.

GENERAL INFORMATION

1. Bid Addendum No. 1 was issued to bidders on September 10, 2026.
    a. Sign-in sheets from the Pre-Bid Conference/Walkthrough held on September 9, 2026 was issued with Bid Addendum No. 1.
2. Bid Addendum No. 2 was issued to bidders on September 17, 2026.
3. Bid Addendum No. 3 was issued to bidders on September 23, 2026.

RESPONSES TO THE PROJECT MANUAL OF SPECIFICATIONS:

1. **DELETE** original specification section 000110 – Table of Contents. **REPLACE** with attached revised specification section 000110 – Table of Contents.

2. **DELETE** original specification section 011000 – Summary of Work – Multiple Prime Contracts. **REPLACE** with attached revised specification section 011000 – Summary of Work – Multiple Prime Contracts.

3. **DELETE** original specification section 131149 – Swimming Pool Gutter Cleaning System in its entirety.

4. **ADD** new specification section 131149 – Swimming Pool Perimeter Recirculation System.

5. **DELETE** original specification section 321216 – Asphalt Paving. **REPLACE** with attached revised specification section 321216 – Asphalt Paving.

REVISIONS TO THE CONSTRUCTION DRAWINGS:

1. **DELETE** original drawing sheet WMS C120 – Demolition Plan. **REPLACE** with attached revised drawing sheet WMS C120 – Demolition Plan.

2. **DELETE** original drawing sheet WMS C130 – Site Plan. **REPLACE** with attached revised drawing sheet WMS C130 – Site Plan.

3. **DELETE** original drawing sheet WMS C140 – Grading, Drainage, and Erosion & Sediment Control Plan. **REPLACE** with attached revised drawing sheet WMS C140 – Grading, Drainage, and Erosion & Sediment Control Plan.

4. **DELETE** original drawing sheet WMS C531 – Erosion and Sediment Control Details. **REPLACE** with attached revised drawing sheet WMS C531 – Erosion and Sediment Control Details.

5. **DELETE** original drawing sheet WMS P611 – Enlarged Kitchen Plans. **REPLACE** with attached revised drawing sheet WMS P611 – Enlarged Kitchen Plans.

6. **DELETE** original drawing sheet WHS C120 – Demolition Plan. **REPLACE** with attached revised drawing sheet WHS C120 – Demolition Plan.

7. **DELETE** original drawing sheet WHS C130 – Site Plan. **REPLACE** with attached revised drawing sheet WHS C130 – Site Plan.

8. **DELETE** original drawing sheet WHS C130 – Site Plan. **REPLACE** with attached revised drawing sheet WHS C130 – Site Plan.

9. **DELETE** original drawing sheet WHS C140 – Grading & Drainage, and Erosion & Sediment Control Plan. **REPLACE** with attached revised drawing sheet WHS C140 – Grading & Drainage, and Erosion & Sediment Control Plan.

10. **DELETE** original drawing sheet WHS SP001 – Aquatics Legends & Notes Plans. **REPLACE** with attached revised drawing sheet WHS SP001 – Aquatics Legends & Notes Plans.

11. **DELETE** original drawing sheet WHS SP100 – Aquatics Layout Plan. **REPLACE** with attached revised drawing sheet WHS SP100 – Aquatics Layout Plan.

12. **DELETE** original drawing sheet WHS SP200 – Aquatics Details. **REPLACE** with attached revised drawing sheet WHS SP200 – Aquatics Details.

13. **DELETE** original drawing sheet WHS SP300 – Aquatics Gutter Demo Plan. **REPLACE** with attached revised drawing sheet WHS SP300 – Aquatics Gutter Demo Plan.

14. **DELETE** original drawing sheet WHS SP301 – Aquatics Gutter Layout Plan. **REPLACE** with attached revised drawing sheet WHS SP301 – Aquatics Gutter Layout Plan.

15. **DELETE** original drawing sheet WHS SP302 – Aquatics Gutter Details. **REPLACE** with attached revised drawing sheet WHS SP302 – Aquatics Gutter Details.

16. **DELETE** original drawing sheet WHS SP303 – Aquatics Gutter Details II. **REPLACE** with attached revised drawing sheet WHS SP303 – Aquatics Gutter Details II.

RESPONSES TO BIDDER REQUESTS FOR INFORMATION (RFI):

1. Due to the large quantity of hot mix asphalt in this project, would the District be agreeable to include a liquid asphalt price adjustment index to the contract documents?

    a. *<u>Response:</u> Additional information on Asphalt Price Index contract adjustments has been included in Part 3.10 of specification section 321216 – Asphalt Paving which was revised as part of this Bid Addendum #3.*

2. Sheet WMS C530 Detail 1 - Provide classification of proposed geogrid and weight of separation fabric.

    a. *<u>Response:</u> Geogrid shall be Tensar TriAx (TX), Type 2, or approved equal.*

3. SP Drawings – Is the PC responsible for any of the work depicted on the drawings? Please clarify.

    a. Response: *Work indicated on SP Drawings shall be provided by the Prime General Contractor.*

4. Sheet WMS C130 - Provide model number and foundation detail for the three (3) basketball goal posts to be replaced.

    a. Response: *Additional information on basketball goal post has been included in updated drawing sheets issued as part of this Bid Addendum #3.*

5. Detail 5/WMS C531 and Detail 5/WHS C531 indicate a truck washdown area as part of the Erosion Control measures however it does not appear on any of the plan drawings. Please clarify.

    a. Response: *The truck washdown area is not intended to be located at one fixed location on the drawings. It may be established at an appropriate location within the limit of disturbance, generally near the active construction access, and may be relocated as necessary to accommodate construction phasing and sequencing. The contractor shall install and maintain the truck washdown area in accordance with detail 5/WMS C531 and detail 5/WHS C531 and the project erosion and sediment control requirements.*

6. If accepted, what will the timing be for all the work associated with the Alternate SC-3-01-005 Seat Wall? Is the intent for it to be ready for the Fall 2027 Athletic Season? The area requiring restoration and seeding will have little to no time to germinate and grow prior to the fall and would not stand up to foot traffic. Is the intent to sod this area? Please clarify.

    a. Response: *Work as indicated in Alternates SC-3-01-005 is to achieve substantial completion by 8/20/2027. Site Contractor should protect newly seeded areas to eliminate access by public.*

7. If accepted, what will the timing be for all the work associated with the Alternates SC-3-01-001 and SC-3-01-002?

    a. Response: *Work as indicated in Alternates SC-3-01-001 and SC-3-01-002 is to achieve substantial completion by 8/20/2027.*

8. The Ball Netting System for the Baseball Field is not specified. Pole diameters, overall height and foundation details do not appear to be indicated in any of the drawings as far as I can tell. Please clarify.

    a. Response: *Refer to revised detail 2 on drawing sheet WMS C130 issued in this Bid Addendum #3 for additional information on ball netting systems.*

9. Demolition Plan C120 - In the hatched area depicting demolition at the northern wall of the building, there is a cooler, concrete sidewalk, concrete curb, bollards & a door pad. Are these items to be demolished, removed & replaced or are they to remain & be protected?

    a. Response: *Work has been clarified/revised and has been included in updated drawing sheets issued as part of this Bid Addendum #3.*

10. Site Plan C130 & Grading Plan C140 - In the area of the relocated scoreboard there is 152' (+/-) of proposed chain link fence indicated on C130. In the area of the property line where the dumpster & the container are located on C140, the same fence symbol is shown with 70' (+/-) of fence that is not shown on C130. Is this 70' (+/-) of fence to be included in the proposed fence quantities?

    a. Response: *Refer to revisions to drawing sheet WMS C140 issued with this Bid Addendum #3.*

11. Seat Wall Details C531 - The handrail indicated in the details & in Note # 2 state that the proposed handrail is to be attached to the "Sienna Edge Blocks". The attaching method shown in the detail does not match the existing handrail & seat walls on site. It also shows the handrail ends attached to the return walls which is not possible with the design & the proposed elevations indicated (The top of the wall is at ground level.) Can a clarification to the railing design be provided?

    a. Response: *Refer to revised detail 14 and new detail 15 on drawing sheet WHS C531 issued in this Bid Addendum #3 for additional information on railing systems for the seating walls.*

12. Water Service Plan P002 - There is a note stating that there is 2" water service going to an irrigation system at the upper fields. Can this distance or the limits of this water service be provided?

    a. Response: *The distance of the irrigation piping from the Athletic Storage Shed to the Upper Fields is approximately 580ft. However, the irrigation system to the Upper Fields has already been installed and stubbed-up/capped in the Athletic Storage Shed. All proposed work would take place within (inside) the Athletic Storage Shed.*

13. Site Plan C130 - There are 3 basketball goals, posts & foundations noted to be replaced at the edge of the parking lot, but there isn't a detail or information in the specifications for new ones. Is the intent to re-use the existing goals & posts, or are new ones required?

    a. Response: *Additional information on basketball goal post has been included in updated drawing sheets issued as part of this Bid Addendum #3.*

14. WMS P611 - Note 3 doesn't exist. The rest of notes explain size of water lines connecting stoves, but where's the reverse osmosis lines? Where is the custodial closet? Where's the filtered water lines? Theres nothing on drawing, so I can get distance or an accurate idea of how many 90s are required to provide a proper takeoff. It would be good if we could see the water and waste lines, not just the gas lines.

    a. Response: *Refer to revisions to drawing sheet WMS P611 issued with this Bid Addendum #3.*

15. WHS A621 - Could you please clarify if the terrazzo base and the other items listed on this page are provided by the owner?

    a. Response: *The terrazzo shower base is to be furnished and installed by the Prime General Contractor. Unless otherwise noted in the drawing sheets or specifications to be furnished and/or installed by the Owner, all work items listed on the drawings are to be provided (furnished and installed) by the Prime Contractors.*

16. Taft Elementary School — please confirm that Simplex 4100ES-compatible equipment is to be provided.

    a. Response: *The existing fire alarm control panel is Simplex 4100ES at Taft Elementary School.*

17. Washingtonville High School — please confirm that Edwards EST4 equipment is to be provided and that the reference to matching existing Simplex systems in Paragraph 2.1.3 does not apply to this building.

    a. Response: *The existing fire alarm control panel is Edwards EST3 at Washingtonville High School. The existing system shall be upgraded to Edwards EST4 as part of this Project.*

18. Washingtonville Middle School — please confirm the existing panel manufacturer and model, and the equipment to be provided. Section 283103 Paragraph 1.4.B identifies an Edwards EST3; the Middle School electrical drawings do not identify a panel manufacturer.

    a. Response: *The existing fire alarm control panel is Edwards EST3 at Washingtonville Middle School.*

19. Section 283103 Paragraph 1.2.B states that the work described in the section applies to the Middle/High School, Elementary School, and Bus Maintenance Facility. The Bus Maintenance Facility does not appear in Section 000115 – List of Drawing Sheets, and no SED control number is listed for that facility on the bid forms. Please confirm whether any fire alarm work at the Bus Maintenance Facility is included in the scope of Contract No. 3-04. If it is included, please identify the applicable drawings, the existing fire alarm control panel manufacturer and model, and the scope of devices to be provided.

    a. Response: *There is no scope of work at the Bus Maintenance Facility as part of this Project.*

20. With regard to unit pricing; Please confirm that the District will neither apply nor use the unit prices established in the Bid Form to any additional work or credit that the successful bidder may be directed to perform where such work is required to be performed under conditions, quantities, or circumstances that differ from those contemplated in the original bid items (e.g., differing economies of scale, access conditions, or methods of execution). In the event a successful bidder is directed to perform additional work that contains a unit price, but such work is required to be performed under materially different conditions, quantities or circumstances than contemplated in the original bid its (e.g. differing economies of scale, access conditions or methods of execution), will the contractor be entitled to an equitable adjustment to perform this work?

    a. Response: *The unit prices established on the Bid Forms as part of Prime Contractor's bid(s) shall be prepared in accordance with Part 1.4 Procedures in specification section 012200 – Unit Prices. The use of these unit prices will be in accordance with Part 1.3 Definitions and Part 1.4 Procedures in specification section 012200 – Unit Prices.*

21. On drawing WHS P001, there are specs for WC, LAV, EWC, etc., however there is no description for showers SH-A & SH-B. Please advise.

    a. Response: *Drawing sheet WHS P001 was revised in Bid Addendum #2 to provide additional information on the systems (valves, controls, drains, etc.) to be provided by the Prime Plumbing Contract. Architectural drawing sheets were revised in Bid Addendum #2 to include specifications for the scheduled shower base, which is scheduled to be provided by the Prime General Contractor, but coordinated with the work of the Prime Plumbing Contractor.*

22. On drawing WHS P002 the underground water pipe is shown "to irrigation system at the upper field. We have looked at all of the WHS site drawings and no upper field is shown. There is no water line shown for coordination. There is no irrigation system shown anywhere. Please issue drawing(s) that show the water pipe underground from hydrant to the hotbox in the upper field.

    a. *Response: The irrigation system to the Upper Fields has already been installed and stubbed-up/capped in the Athletic Storage Shed. The connection to the existing water service has already been installed adjacent to the hydrant outside of the Athletic Storage Shed and stubbed-up/capped in the Athletic Storage Shed. Proposed work in the Athletic Storage Shed includes the installation of backflow preventor and the associated valves, meters, piping, etc., the connection of these systems to the existing stubbed-up piping, and the installation of a 'hot box' around these systems. All proposed work would take place within (inside) the Athletic Storage Shed. All this work is the responsibility of the Prime Plumbing Contractor.*

23. There are 2 water heaters on drawing WHS P001 with the same designation of GHW-1. However, on the subsequent drawings there is GWH 1 & 2. Are they both the same? Please advise.

    a. *Response: Both GWH-1 and GWH-2 are the same type, make, model, size, service, configuration, etc.*. The characteristics listed in the Water Heater Schedule on drawing sheet WHS P001 for GWH-1 shall be provided for both water heaters.

24. On drawing WHS P002, there is a 2" water site line. Who is responsible for this, the plumber or the site contractor? Additionally, who is responsible for excavation? Please advise.

    a. *Response: The irrigation system to the Upper Fields has already been installed and stubbed-up/capped in the Athletic Storage Shed. The connection to the existing water service has already been installed adjacent to the hydrant outside of the Athletic Storage Shed and stubbed-up/capped in the Athletic Storage Shed. Proposed work in the Athletic Storage Shed includes the installation of backflow preventor and the associated valves, meters, piping, etc., the connection of these systems to the existing stubbed-up piping, and the installation of a 'hot box' around these systems. All proposed work would take place within (inside) the Athletic Storage Shed. All this work is the responsibility of the Prime Plumbing Contractor.*

25. Who is responsible for the roof safety rail shown on WMS A401 & WHS A402?

    a. *Response: The roof safety rail shall be furnished and installed by the Prime Mechanical Contractor.*

END OF BID ADDENDUM NO. 3

SECTION 000110 - TABLE OF CONTENTS

PROJECT MANUAL VOL 1 OF 4 - DIVISIONS 00-02

PROCUREMENT AND CONTRACTING REQUIREMENTS

Division 00 -- Procurement and Contracting Requirements

000001 - Cover Volume 1 of 4

000002 - Cover Volume 2 of 4

000003 - Cover Volume 3 of 4

000004 - Cover Volume 4 of 4

000010 - Certifications Page - Architectural

000011 - Certifications Page - Mechanical, Electrical, & Plumbing

000012 - Certifications Page - Site/Civil

000013 - Certifications Page - Structural

000110 - Table of Contents

000115 - List of Drawing Sheets

001113 - Advertisement for Bids

002113 - Instructions to Bidders

004101 - Bid Form Contract No. 3-01 - Sitework Construction (SC)

004102 - Bid Form Contract No. 3-02 - General Construction (GC)

004103 - Bid Form Contract No. 3-03 - Mechanical Construction (MC)

004104 - Bid Form Contract No. 3-04 - Electrical Construction (EC)

004105 - Bid Form Contract No. 3-05 - Plumbing Construction (PC)

004313 - AIA A310 Bid Bond

004333 - Proposed Products Form

004336 - Proposed Subcontractors Form

004503 - Insurance Certification Form

004513 - AIA A305 Contractor's Qualifications Statement

004519 - Certificate of Non-Collusion

004520 - Iran Divestment Act Certification

004543 - Corporate Resolutions

005216.01 - AIA A132 Owner/ Contractor Agreement, Construction Manager as Advisor

006112 - AIA A312 Payment Bond

006113 - AIA A312 Performance Bond

006114 - AIA C106 Digital Data Licensing Agreement

006276.01 - AIA G732 Application and Certification for Payment, Construction Manager as Advisor

006276.02 - AIA G703 Continuation Sheet

006519 - AIA G706 Contractor's Affidavit of Payment of Debts and Claims

006520 - AIA G706A Contractor's Affidavit of Release of Liens

006521 - AIA G707 Consent of Surety to Final Payment

007216.01 - AIA A232 General Conditions of the Contract for Construction, Construction Manager as Advisor

007343 - Prevailing Rate of Wages

008310 - Submittal Cover

008320 - Request for Information

Division 01 -- General Requirements

011000 - Summary of Work - Multiple Prime Contracts

011100 - Milestone Schedule

011400 - Work Restrictions

011410 - NYSED 155.5 Regulations

012100 - Allowances

012200 - Unit Prices

012300 - Alternates

012600 - Contract Modification Procedures

012600.1 - Labor Rate Worksheet

012900 - Payment Procedures

013100 - Project Management and Coordination

013119 - Project Meetings

013150 - Safety and Health

013200 - Construction Progress Documentation

013216 - Construction Progress Schedule

013300 - Submittal Procedures

014000 - Quality Requirements

014100 - Special Inspections and Structural Testing

014200 - References and Definitions

015000 - Temporary Facilities And Controls

015600 - Construction Dust Control

016000 - Product Requirements

017300 - Execution

017329 - Cutting and Patching

017423 - Cleaning Up

017700 - Closeout Procedures

017701 - Checklist for Project Closeout and Processing of Final Payment

017819 - Project Record Documents

017823 - Operation and Maintenance Data

017836 - Warranties

017900 - Demonstration and Training

019113 - General Commissioning Requirements

019113.1 - Commissioning Plan - Phase 3

PROJECT MANUAL VOL 2 OF 4 - DIVISIONS 02-14

Division 02 -- Existing Conditions

022113 - Site Survey

023313 - Underground Utility Locator Service

024119 - Selective Demolition

028200 - Asbestos Abatement

Division 03 -- Concrete

031000 - Concrete Forming and Accessories

032000 - Concrete Reinforcing

033000 - Cast-In-Place Concrete

Division 04 -- Masonry

042000 - Concrete Unit Masonry

042613 - Masonry Veneer

Division 05 -- Metals

051200 - Structural Steel Framing

055210 - Non-Penetrating Roof Fall Protection

Division 06 -- Wood, Plastics, and Composites

061053 - Miscellaneous Rough Carpentry

061600 - Sheathing

Division 07 -- Thermal and Moisture Protection

072100 - Thermal Insulation

072600 - Vapor Retarders

074243 - Composite Infill Panels

074633 - Plastic Siding

075323 - Ethylene-Propylene-Diene-Monomer (EPDM) Roofing

076200 - Sheet Metal Flashing and Trim

077100 - Roof Specialties

077200 - Roof Accessories

078123 - Intumescent Fire Protection

078413 - Penetration Firestopping

079200 - Joint Sealants

Division 08 -- Openings

081113 - Hollow Metal Doors And Frames

081116 - Aluminum Frames

081119 - Stainless-Steel Frames

081416 - Flush Wood Doors

081733 - Fiber Reinforced Polymer Doors

083100 - Access Doors and Panels

084113 - Aluminum Framed Entrances And Storefronts

085113 - Aluminum Windows

085200 - Aluminum-Clad Wood Windows

087100 - Door Hardware

087100.1 - Door Hardware Schedule

087113 - Power Door Operators

088000 - Glazing

088723 - Security Films

088813 - Fire-Resistant Glazing

088853 - Security Glazing

089119 - Fixed Louvers

Division 09 -- Finishes

090561.13 - Moisture Vapor Emission Control

092216 - Non-Structural Metal Framing

092900 - Gypsum Board

093013 - Ceramic And Quarry Tiling

095113 - Acoustical Panel Ceilings

096513 - Resilient Base And Accessories

096519 - Resilient Tile Flooring

096700 - Fluid-Applied Flooring

099100 - Painting

099600 - High-Performance Coatings

Division 10 -- Specialties

101100 - Visual Display Units

101423 - Interior Panel Signage

102113.19 - Plastic Toilet Compartments

102800 - Toilet, Bath, and Laundry Accessories

105126 - Plastic Lockers & Benches

105626 - Mobile Storage Shelving

Division 11 -- Equipment

112173 - Commercial Laundry Equipment

114000 - Food Service Equipment

114001 - Food Service Accessories

Division 12 -- Furnishings

122413 - Window Shades

123661 - Solid Surfacing Materials

Division 13 -- Special Construction

131113 - Swimming Pool Piping, Valves & Fittings

131143 - Channel Drain System

131146 - Swimming Pool Deck Equipment

3 131149 - Swimming Pool Perimeter Recirculation System

Division 14 -- Conveying Equipment (NOT USED)

PROJECT MANUAL VOL 3 OF 4 - DIVISIONS 22-34

Division 21 -- Fire Suppression (NOT USED)

Division 22 -- Plumbing

220500 - Basic Plumbing Requirements

220523 - Valves

220593 - Adjusting and Balancing

220700 - Insulation

221010 - Piping Systems and Accessories

221100 - Water Supply

223011 - Backflow Preventer Enclosure

223400 - Water Heaters

224000 - Plumbing Fixtures and Trim

227010 - Natural Gas Systems

Division 23 -- Heating, Ventilating, and Air-Conditioning (HVAC)

230500 - Basic Mechanical Requirements

230504 - Electric Wiring

230513 - Motors

230514 - Motor Controllers

230523 - Valves

230525 - Hydronic Coil Piping Package

230530 - Roof Curbs

230548 - Vibration Isolation of Mechanical Systems

230550 - Wind Restraint For HVAC Systems

230553 - Mechanical Identification

230593 - Testing, Adjusting and Balancing

230710 - Insulation

230923 - Building Management System - DDC Logic

232010 - Piping Systems and Accessories

232110 - Water Systems Specialties

233100 - Sheet Metal and Ductwork Accessories Construction

233400 - Fans

233713 - Registers and Diffusers

233723.16 - Louvers

237413.10 - Packaged Rooftop Units

237423.16 - Rooftop Indirect-Fired Gas Make-Up Air Unit

238216.11 - Coils

238235 - Gravity Heating Equipment (Hydronic)

238239 - Unit Heaters And Cabinet Unit Heaters (Hydronic And Electric)

Division 25 -- Integrated Automation (NOT USED)

Division 26 -- Electrical

260500 - Basic Electrical Requirements

260501 - Basic Materials and Methods

260526 - Grounding

262000 - Electric Distribution

265000 - Lighting

265500 - Lighting Controls

Division 27 -- Communications (NOT USED)

Division 28 -- Electronic Safety and Security

283103 - Fire Alarm System - Existing Hardwired System

Division 31 -- Earthwork

311000 - Site Clearing

312000 - Excavation and Fill

312316 - Rock Removals

312319 - Dewatering

312513 - Erosion and Sediment Controls

Division 32 -- Exterior Improvements

321216 - Asphalt Paving

321640 - Granite Curbs

321723 - Pavement Markings

323113 - Chain Link Fence And Gate

329200 - Topsoil and Seeding

Division 33 -- Utilities

334100 - Storm Utility Drainage Piping

334900 - Stormwater Drainage Structures

Division 34 -- Transportation (NOT USED)

PROJECT MANUAL VOL 4 OF 4 - APPENDIX

Appendix A Geotechnical Report for Washingtonville Middle School, Washingtonville High School, and Little Britain Elementary School prepared by Foundation Design, P.C.

Appendix B Pre-Construction Survey Report for Asbestos-Containing Materials (ACM) and Lead-Based Paints (LBP) for Washingtonville Middle School and Washingtonville High School prepared by Quality Environmental Solutions & Technologies, Inc.

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SECTION 011000 – SUMMARY OF WORK – MULTIPLE PRIME CONTRACTS

PART 1 - GENERAL

1.1. PROJECT INFORMATION

A. Project: Washingtonville CSD 2024 Capital Project Phase 3
B. Project Location: 52 W Main St, Washingtonville, NY 10992
C. Owner: Washingtonville Central School District
D. Architect: CSArch
E. Construction Manager: Arris Contracting Company Inc.
F. The overall scope of work includes but is not limited to:

1. Sitework: Demo, Grading, Site Prep, Drainage, Paving, Sidewalks, etc. | Asbestos Abatement | Columns / Windows / Storefronts | Mechanical Equipment / Ductwork | Kitchen Upgrades | Finish Work | Electrical Upgrade | Fire Alarm Upgrade| Bathroom Renovations | Natatorium & Locker Rooms Upgrade | Masonry Repairs | Etc.

G. Contracts:

1. The project will be construction under a multiple-prime contract arrangement.
2. Prime contracts are separate contracts between the Owner and separate contractors, representing significant construction activities. Each prime contract is performed concurrently with and closely coordinated with construction activities performed on the Project under prime contracts. Prime contracts for this Project include:

a. Site Work Contractor (SC or SWC)
3 b. General Work Contract (GC, GWC or FSEC)
c. Mechanical Work Contract (MC or MWC)
d. Electrical Work Contract (EC or EWC)
e. Plumbing Work Contract (PC or PWC)

1.2. DIVISION OF WORK

Each contract shall include all labor materials, plans, tools, equipment and supervision which are required for or incidental to the proper completion of the work as indicated on All drawings and described in the following specifications sections.

1.3. GENERAL REQUIREMENTS – ALL CONTRACTS

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS
All Sections

DIVISION 01 – GENERAL REQUIREMENTS
All Sections

A. Special Notes - All Contracts

1. Work Hours: 1st Shift M-F 7:00AM – 4:30PM | 2nd Shift M-F 3:30pm-11:00pm. Contractor will appropriately provide labor for the project to avoid Saturday and Overtime hours which result in Owner, Construction Manager and Architect additional costs.
2. Delivery allotted times- Contractor trucks/deliveries are allowed only during the following listed times:
   During school, deliveries can be made before 7:00am or after 2:30pm | During breaks and Summer 7:00am-5:30pm
3. Contractor is to carry insurance coverages per the Owner, Washingtonville Central School District, Insurance Requirements which are located in the DIV 00 specification A232 Article 11.
4. Contractor is specifically reminded about their responsibilities for clean-up as per section 017423. Maintaining a clean jobsite is considered a safety issue and will be strictly enforced. In addition to daily cleaning, the contractor is required to hire a professional cleaning company to final clean all areas impacted by the construction. This includes completely cleaning any interior and exteriors of the building and including but not limited to; parking lots, landscaping, facades, equipment, furniture, walls, floors, windows, etc. which has been dusted by the construction work. If the contractor does not properly perform this function when directed by the Owner/CM, the owner will perform the work with others and deduct the cost from the contractor.
5. Each Contractor shall provide suitable rubbish containers device(s) for their own use (both demolition and construction debris), properly maintained and serviced, replaced as required and protected from access by the public fencing as may be specified herein or approved by the Architect or Construction Manager.
6. Existing building space may not be used for storage unless approved by Owner.
7. Each Contractor is required to submit their job specific safety policy within 10 days of receipt of the Notice to Proceed. Said Policy must minimally meet OSHA Standards and define details concerning the maintenance of a safe work environment and shall also define practices for the maintenance of hygiene and minimizing of the spread of infectious / contagious diseases.

1.4. CONTRACT NO. 3-01 - SITEWORK CONSTRUCTION (SC)

In addition to the General Requirements, Division 1, included in this bid package contractor shall provide for proper completion of work as indicated on all drawings and in accordance with the terms and conditions described in the following specification sections:

DIVISION 02 -- EXISTING CONDITIONS
022113 - SITE SURVEY
023313 - UNDERGROUND UTILITY LOCATOR SERVICE
024119 - SELECTIVE DEMOLITION

DIVISION 03 – CONCRETE
031000 - CONCRETE FORMING AND ACCESSORIES
032000 - CONCRETE REINFORCING
033000 - CAST-IN-PLACE CONCRETE

DIVISION 31 – EARTHWORK
311000 - SITE CLEARING
312000 - EXCAVATION AND FILL
312316 - ROCK REMOVALS
312319 - DEWATERING
312513 - EROSION AND SEDIMENT CONTROLS

DIVISION 32 -- EXTERIOR IMPROVEMENTS
321216 - ASPHALT PAVING
321640 – GRANITE CURBS
321723 - PAVEMENT MARKINGS
323113 - CHAIN LINK FENCE
329200 - TOPSOIL AND SEEDING

DIVISION 33 -- UTILITIES
334100 - STORM UTILITY DRAINAGE PIPING
334900 - STORMWATER DRAINAGE STRUCTURES

A. Special Notes: Sitework Construction (SC):

1. First Shift Work Hours M-F 7:00AM – 4:30PM (during off school days and Summer) Contractor will appropriately man the project to avoid Saturdays and Overtime hours which result in Owner, Construction Manager and Architect additional costs.
2. Site Work Contractor is responsible for all rock removal, cuts/fills to bring site to the correct elevation. Removed materials are required to be removed from the site and legally disposed.

3. SC to mark out all existing site utilities prior to commencing work.
4. SC to provide all stormwater protection, silt fence, erosion control, etc. as specified in the construction documents. Damage to existing drainage structures, drain lines, utilities, etc. shall be repaired at Contractor's expense.
5. SC to hire Private Utility Survey company to map out all on site utilities and provide As-Built Drawings showing underground drain lines and all basin's new or raised.
6. No imported recycled materials will be allowed.
7. Asphalt paving shall not be performed when ambient or surface temperatures are below specified limits or during wet conditions.
8. All base, subbase, and asphalt lifts shall be compacted to required densities. Failed compaction tests shall require removal and replacement.
9. All utility structures, manholes, valve boxes, and drains within pavement areas shall be adjusted to final grade and remain flush.
10. SC is specifically notified that at the completion of the project the all affected areas are to be repaired to its original condition including but not limited to application of commercial grade asphalt sealer, grass, etc.
11. Paving is to be sequenced as not to disrupt other construction operations. All paving sequencing is to be approved by the CM.

1.5. CONTRACT NO. 3-02 GENERAL CONSTRUCTION (GC)

In addition to the General Requirements, Division 1, included in this bid package contractor shall provide for proper completion of work as indicated on all drawings and in accordance with the terms and conditions described in the following specification sections:

<u>DIVISION 02 -- EXISTING CONDITIONS</u>
024119 - SELECTIVE DEMOLITION
028200 - ASBESTOS ABATEMENT

<u>DIVISION 03 – CONCRETE</u>
031000 - CONCRETE FORMING AND ACCESSORIES
032000 - CONCRETE REINFORCING
033000 - CAST-IN-PLACE CONCRETE

<u>DIVISION 04 – MASONRY</u>
042000 – CONCRETE UNIT MASONRY
042613 - MASONRY VENEER

<u>DIVISION 05 – METALS</u>
051200 - STRUCTURAL STEEL FRAMING

DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES
061053 – MISCELLANOUS ROUGH CARPENTRY
061600 - SHEATHING

DIVISION 07 -- THERMAL AND MOISTURE PROTECTION
072100 - THERMAL INSULATION
072600 - VAPOR RETARDERS
074243 - COMPOSITE INFILL PANELS
074633 - PLASTIC SIDING
078123 - INTUMESCENT FIRE PROTECTION
079200 - JOINT SEALANTS

DIVISION 08 – OPENINGS
081113 – HOLLOW METAL DOORS AND FRAMES
081116 - ALUMINUM FRAMES
081119 – STAINLESS STEEL FRAMES
081416 - FLUSH WOOD DOORS
081733 - FIBER REINFORCED POLYMER DOORS
083100 - ACCESS DOORS AND PANELS
084113 - ALUMINUM FRAMED ENTRANCES AND STOREFRONTS
085113 - ALUMINUM WINDOWS
085200 - ALUMINUM-CLAD WOOD WINDOWS
087100 - DOOR HARDWARE
087100.1 - DOOR HARDWARE SCHEDULE
087113 – POWER DOOR OPERATORS
088000 – GLAZING
088723 - SECURITY FILMS
088813 - FIRE-RESISTANT GLAZING
088853 – SECURITY GLAZING
089119 - FIXED LOUVERS

DIVISION 09 – FINISHES
090561.13 - MOISTURE VAPOR EMISSION CONTROL
092216 - NON-STRUCTURAL METAL FRAMING
092900 - GYPSUM BOARD
093013 - CERAMIC AND QUARRY TILING
095113 - ACOUSTICAL PANEL CEILINGS
096513 - RESILIENT BASE AND ACCESSORIES
096519 - RESILIENT TILE FLOORING
096700 - FLUID-APPLIED FLOORING
099100 - PAINTING
099600 - HIGH-PERFORMANCE COATINGS

DIVISION 10 -- SPECIALTIES
101100 - VISUAL DISPLAY UNITS
101423 - INTERIOR PANEL SIGNAGE
102113.19 - PLASTIC TOILET COMPARTMENTS
102800 - TOILET, BATH, AND LAUNDRY ACCESSORIES
105126 - PLASTIC LOCKERS AND BENCHES
105626 - MOBILE STORAGE SHELVING

DIVISION 11 – EQUIPMENT
112173 - COMMERCIAL LAUNDRY EQUIPMENT
114000 - FOOD SERVICE EQUIPMENT
114001 - FOOD SERVICE ACCESSORIES

DIVISION 12 -- FURNISHINGS
122413 - WINDOW SHADES
123661 - SOLID SURFACING MATERIALS

DIVISION 13 -- SPECIAL CONSTRUCTION
131113 - SWIMMING POOL PIPING, VALVES & FITTINGS
131143 - CHANNEL DRAIN SYSTEM
131146 - SWIMMING POOL DECK EQUIPMENT
3 131149 - SWIMMING POOL PERIMETER RECIRCULATION SYSTEM

DIVISION 31 – EARTHWORK
312000 - EXCAVATION AND FILL

A. Special Notes: General Construction (GC):

1. First Shift Work Hours M-F 7:00AM – 4:30PM (during off school days and Summer) | Second Shift 3:30pm – 11:00pm (during school days). Contractor will appropriately man the project to avoid Saturday and Overtime hours which result in Owner, Construction Manager and Architect additional costs.
2. GC to provide negative air environments to properly exhaust all work areas of any odors, dust, fumes.
3. The General Work Contractor is responsible for all asbestos abatement work on the project.
4. GC is specifically reminded of their responsibility of Division 11, provide all Food Service Equipment, ANSUL Fire Suppression, etc.
5. GC will utilize lead-safe work practices – when impacting/ removing / disposing of any lead containing items.
6. GC is notified that phasing is required for multiple mobilizations and multiple crews of various subcontractors.
7. GC and subcontractors will not be allowed to use existing or new plumbing

fixtures to wash out mortar pans, grout, adhesives, etc.

8. GC is specifically notified that at the completion of the project, all affected areas are to be repaired to its original condition including but not limited to, staging areas, storage rooms, etc.
9. Access doors for MEP trades furnished by trade requiring access; installation by General Work Contractor
10. GC is specifically reminded of their responsibilities for clean up as per Section 017423. Maintaining a clean jobsite is considered a safety issue and will be strictly enforced. In addition to daily cleaning, and weekly wet mopping, the contractor is required to hire a professional cleaning company to final clean all areas impacted by the construction. This includes completely cleaning any surfaces/equipment which has been dusted by the construction work. If the contractor does not properly perform this function when directed by the Owner/CM, within 4 hours of being notified the owner will perform the work with others and deduct the cost from the contractor.
11. GC and their Door Hardware consultant will field measure all existing and new doors / door frames scheduled and receive new doors for proper hardware placement.
12. GC will install floor protections (utilizing heavy duty "Ram-Board" with taped joints, or equivalent) to protect floor surfaces from damage for all room areas and corridor access routes necessary for construction.
13. The GC shall be responsible for all roof reinforcement work occurring within the interior of the building structure. MC shall be responsible for all roof structural work at and above the roof deck line.
14. The General Contractor (GC) shall be responsible for all Division 13 work and shall engage an experienced contractor with prior pool system experience, as identified and listed within the project scope.
15. The General Contractor (GC) shall be solely responsible for providing, installing, maintaining, and removing all scaffolding within the Pool Natatorium. Other contractors shall be permitted to use the scaffolding as required for their work, subject to compliance with all applicable safety requirements and the GC's coordination.
16. The General Work Contractor is responsible for all FSEC work as shown on WMS FS 200 – FS 208 and WHS FS 100 – FS 105, unless indicated otherwise.

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1.6 CONTRACT NO. 3-03 – MECHANICAL CONSTRUCTION (MC)

In addition to the General Requirements, Division 01, included in this bid package contractor shall provide for proper completion of work as indicated on all drawings and in accordance with the terms and conditions described in the following specification sections:

DIVISION 02 -- EXISTING CONDITIONS
024119 - SELECTIVE DEMOLITION

DIVISION 03 – CONCRETE
032000 - CONCRETE REINFORCING
033000 - CAST-IN-PLACE CONCRETE

DIVISION 04 – MASONRY
042000 – CONCRETE UNIT MASONRY
042613 - MASONRY VENEER

DIVISION 05 -- METALS
051200 - STRUCTURAL STEEL FRAMING
055210 - NON-PENETRATING ROOF FALL PROTECTION

DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES
061053 - MISCELLANEOUS ROUGH CARPENTRY
061600 – SHEATHING

DIVISION 07 -- THERMAL AND MOISTURE PROTECTION
072100 - THERMAL INSULATION
072600 - VAPOR RETARDERS
075323 - ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING
076200 - SHEET METAL FLASHING AND TRIM
077100 - ROOF SPECIALTIES
077200 - ROOF ACCESSORIES
078413 - PENETRATION FIRESTOPPING
079200 - JOINT SEALANTS

DIVISION 08 - OPENINGS
083100 - ACCESS DOORS AND PANELS
089119 - FIXED LOUVERS

DIVISION 09 -- FINISHES
095113 - ACOUSTICAL PANEL CEILINGS
099100 - PAINTING
099600 - HIGH-PERFORMANCE COATINGS

DIVISION 23 -- HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)
230500 - BASIC MECHANICAL REQUIREMENTS
230504 - ELECTRIC WIRING
230513 – MOTORS

230514 - MOTOR CONTROLLERS
230523 – VALVES
230525 - HYDRONIC COIL PIPING PACKAGE
230530 - ROOF CURBS
230548 - VIBRATION ISOLATION OF MECHANICAL SYSTEMS
230550 - WIND RESTRAINT FOR HVAC SYSTEMS
230553 - MECHANICAL IDENTIFICATION
230593 - TESTING, ADJUSTING AND BALANCING
230710 – INSULATION
230923 - BUILDING MANAGEMENT SYSTEM - DDC LOGIC
232010 - PIPING SYSTEMS AND ACCESSORIES
232110 - WATER SYSTEMS SPECIALTIES
233100 - SHEET METAL AND DUCTWORK ACCESSORIES CONSTRUCTION
233400 - FANS
233713 - REGISTERS AND DIFFUSERS
233723.16 - LOUVERS
237413.10 - PACKAGED ROOFTOP UNITS
237423.16 - ROOFTOP INDIRECT-FIRED GAS MAKE-UP AIR UNIT
238216.11 - COILS
238235 - GRAVITY HEATING EQUIPMENT (HYDRONIC)
238239 - UNIT HEATERS AND CABINET UNIT HEATERS (HYDRONIC AND ELECTRIC)

DIVISION 31 – EARTHWORK
312000 - EXCAVATION AND FILL

A. Special Notes - Mechanical Construction (MC):

1. 1st Shift Work Hours M-F 7:00AM – 4:30PM | (during off school days and Summer) | Second Shift 3:30pm – 11:00pm (during school days). Contractor will appropriately man the project to avoid Saturday and Overtime hours which result in Owner, Construction Manager and Architect additional costs.
2. Access doors where necessary are furnished by the MC and installed by GC.
3. MC is specifically notified that access to any tunnels and/or crawl spaces could be confined work environment and all workers must have appropriate OSHA certifications and training.
4. All existing ceiling removal / replacements necessary to install new MC work will be by MC Contractor. (e.g. – hydronic piping, valves, insulation, etc.)
5. Any wood blocking required for any mechanical work items are to be done by the MC.
6. All HVAC unit dunnage, rooftop supports, steel supports /angles per the Structural Drawings and roofing patching associated with Mechanical work is done by the MC (including Roof Walk Pads). MC contractor will utilize a roofing subcontractor who is

certified to work on that roof by the roofing manufacturer to maintain Owners warranty.

7. In some locations there may be plaster ceilings which remain above the Acoustic tile/grid ceiling. Mechanical contractor will cut access holes where necessary to enable install of hangers, piping, ductwork to structure above. "
8. Any HVAC piping exposed to view in finished spaces will be insulated and enclosed in metal chase (painted) by MC. Cost will be included in base bid.
9. When required, where GC removes existing ceilings, the MC will remove any ceiling diffusers, registers, grilles etc. MC to reinstall as new ceilings are being completed.
10. VFD's, disconnects, starters, etc. supplied by MC will be installed by EC, unless noted otherwise.
11. MC will utilize lead-safe work practices– if impacting/ removing / disposing of any lead containing items.
12. All louvers are supplied and installed by Mechanical Contractor.
13. The MC should figure crane pick days for the setting of the rooftop HVAC units, submit a pick plan to be reviewed and approved by the CM, Owner, and or Architect.
14. MC is responsible for making their own through wall, through roof, and through floor duct/piping penetrations and associated patching/fire-stopping.
15. The drawings show basic schematic routing for hydronic piping. The MC may need to re-route piping around existing ductwork or steel to obtain access to the room in certain locations as part of their base bid contract.
16. If any new mechanical units are too large to fit through existing openings the Mechanical contractor will either disassemble equipment into sections or remove existing construction to enlarge opening and reconstruct to match (at no additional cost).
17. MC is specifically reminded of their responsibility to scan existing hollow core concrete planks prior to creating any new openings.
18. Duct detectors supplied and wired by EC (MC installs the duct detector).
19. MC is specifically notified construction is phased which necessitates that utilities/services will need to be temporarily connected and maintained as necessary to ensure that all occupied areas have the required services.
20. All HVAC control wiring is provided and installed by Mechanical Contractor. (Power wiring by EC)
21. MC shall be responsible for all roof structural work at and above the roof line. The GC shall be responsible for all roof reinforcement work occurring within the interior of the structure.
22. Contractor is specifically reminded about their responsibilities for clean-up as per section 017400. Maintaining a clean jobsite is considered a safety issue and will be strictly enforced. In addition to daily cleaning, the contractor is required to hire a professional cleaning company to final clean all areas impacted by the construction. This includes completely cleaning any surfaces/equipment/furniture which has been dusted by the construction work. If the contractor does not properly perform this

function when directed by the Owner/CM within 4 hours of being notified the owner will perform the work with others and

1.7 CONTRACT NO. 3-04 - ELECTRICAL CONSTRUCTION (EC)

In addition to the General Requirements, Division 1, included in this bid package contractor shall provide the proper completion of work as indicated on all drawings and in accordance with the terms and conditions described in the following specifications sections:

DIVISION 02 -- EXISTING CONDITIONS
024119 - SELECTIVE DEMOLITION

DIVISION 03 – CONCRETE
032000 - CONCRETE REINFORCING
033000 - CAST-IN-PLACE CONCRETE

DIVISION 04 – MASONRY
042000 – CONCRETE UNIT MASONRY
042613 - MASONRY VENEER

DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES
061053 - MISCELLANEOUS ROUGH CARPENTRY
061600 – SHEATHING

DIVISION 07 -- THERMAL AND MOISTURE PROTECTION
078413 - PENETRATION FIRESTOPPING
079200 - JOINT SEALANTS

DIVISION 08 – OPENINGS
083100 - ACCESS DOORS AND PANELS

DIVISION 09 – FINISHES
092900 - GYPSUM BOARD
095113 - ACOUSTICAL PANEL CEILINGS
099100 – PAINTING

3 DIVISION 11 – EQUIPMENT
112173 - COMMERCIAL LAUNDRY EQUIPMENT
114000 - FOOD SERVICE EQUIPMENT

DIVISION 26 -- ELECTRICAL
260500 - BASIC ELECTRICAL REQUIREMENTS
260501 - BASIC MATERIALS AND METHODS
260526 - GROUNDING
262000 - ELECTRIC DISTRIBUTION
265000 - LIGHTING
265500 - LIGHTING CONTROLS

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY
283103 - FIRE ALARM SYSTEM - EXISTING HARDWIRED SYSTEM

DIVISION 31 – EARTHWORK
312000 - EXCAVATION AND FILL

A. Special Notes – Electrical Construction (EC):

1. First Shift Work Hours M-F 7:00AM – 4:30PM (during off school days and Summer) | Second Shift 3:30pm – 11:00pm (during school days). Contractor will appropriately man the project to avoid Saturday and Overtime hours which result in Owner, Construction Manager and Architect additional costs.
2. Any existing ceiling, walls, etc. removal/replacement, cutting and patching, necessary to install new electrical work to be done by Electric Contract. (e.g. – new conduits for feeders through existing ceilings, etc.). In areas of ceiling removal, EC will tie up and secure any low hanging wires, using zip ties at 6'-0" on center.
3. Any existing ceiling removal/replacement necessary to install new electrical work to be done by Electrical Contract (e.g. – new conduits for feeders through existing ceilings, etc.)
4. VFD's, disconnects, motor starters, etc. which are supplied by MC will be installed by EC, unless noted otherwise.
5. Any wood blocking or panel backboards for electrical items by EC contract.
6. Where GC is removing existing ceilings, the EC will remove any ceiling mounted electrical items, Light Fixtures, FA devices, Speakers, WAP, exit signs, cameras, etc. EC to reinstall (at new height if required) as the new ceilings are being completed.
7. In some locations there may be plaster ceilings which remain above the Acoustic tile/grid ceiling. Electrical contractor will cut access holes where necessary to enable install of hangers for conduits, lights, etc to structure above.
8. After GC ceiling removals for areas scheduled to receive new acoustic grid/tile, the EC will properly tie up any sagging wires at 6' o.c. to be supported above the ceiling grid in accordance with code. EC is responsible to neatly tie up and secure all existing wiring after ceiling removals by others.
9. EC will utilize lead-safe work practices – if impacting/ removing / disposing of any lead containing items.
10. Access doors are furnished by Electrical Contract and installed by GC Contract.

11. All systems wiring reconnections are by Electric Contract – including Fire Alarm, Door Access, Security Camera, Speakers, Data, etc.
12. Electrical Contract to provide and wire Fire Alarm duct detectors and HVAC unit shutdown connections (MC install the duct detector)
13. Electrical Contractor is specifically notified construction is phased which necessitates that utilities & services will need to be temporarily connected and maintained as necessary to ensure that all occupied areas have the required services.
14. EC is hereby reminded that any required power shutdowns must not disrupt normal day-to-day school operations. If a shutdown is necessary, EC shall provide a properly sized generator as required to ensure continuous power to all essential building systems, including but not limited to life safety systems, heating and air conditioning, food preservation systems, lighting, and other critical services.
15. EC is specifically reminded of their responsibility to provide the Fire Alarm Upgrade work associated with this project.
16. Contractor is specifically reminded about their responsibilities for clean-up as per Section 017400. Maintaining a clean jobsite is considered a safety issue and will be strictly enforced. In addition to daily cleaning, the contractor is required to hire a professional cleaning company to final clean all areas impacted by the construction. This includes completely cleaning any surfaces/equipment/furniture which has been dusted by the construction work. If the contractor does not properly perform this function when directed by the Owner/CM within 4 hours of being notified the owner will perform the work with others and deduct the cost from the contractor.
17. The Electrical Work Contractor is responsible for all electrical work indicated on the WMS and WHS FS drawings unless indicated to be performed by FSEC. (3)

1.8 CONTRACT NO. 3-05 – PLUMBING CONSTRUCTION (PC)

In addition to the General Requirements, Division 1, included in this bid package contractor shall provide for proper completion of work as indicated on all drawings and in accordance with the terms and conditions described in the following specification sections.

DIVISION 02 -- EXISTING CONDITIONS
024119 - SELECTIVE DEMOLITION

DIVISION 03 – CONCRETE
032000 - CONCRETE REINFORCING
033000 - CAST-IN-PLACE CONCRETE

DIVISION 04 – MASONRY
042000 - CONCRETE UNIT MASONRY
042613 - MASONRY VENEER

DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES
061053 - MISCELLANEOUS ROUGH CARPENTRY

DIVISION 07 -- THERMAL AND MOISTURE PROTECTION
072100 - THERMAL INSULATION
078413 - PENETRATION FIRESTOPPING
079200 - JOINT SEALANTS

3 DIVISION 11 – EQUIPMENT
112173 - COMMERCIAL LAUNDRY EQUIPMENT
114000 - FOOD SERVICE EQUIPMENT

DIVISION 22 -- PLUMBING
220500 - BASIC PLUMBING REQUIREMENTS
220523- VALVES
220593 - ADJUSTING AND BALANCING
220700- INSULATION
221010 - PIPING SYSTEMS AND ACCESSORIES
221100 - WATER SUPPLY
223011 - BACKFLOW PREVENTER ENCLOSURE
223400 - WATER HEATERS
224000- PLUMBING FIXTURES AND TRIM
227010 - NATURAL GAS SYSTEMS

DIVISION 31 – EARTHWORK
312000 - EXCAVATION AND FILL

A. Special Notes: Plumbing Construction (PC):

1. Work hours 1st Shift M-F 7:00AM – 4:30PM (during off school days and Summer) | Second Shift 3:30pm – 11:00pm (during school days). Contractor will appropriately man the project to avoid Saturday and Overtime hours which result in Owner, Construction Manager and Architect additional costs.
2. Plumbing Work Contractor is notified that phasing will be required, with multiple mobilizations and multiple crews of various subcontractors.
3. In some locations there may be plaster ceilings which remain above the Acoustic tile/grid ceiling. Plumbing contractor will cut access holes where necessary to enable install of hangers for piping to structure above.
4. Any Plumbing piping exposed to view in finished spaces will be insulated and enclosed in 14 ga. metal chase (painted) by Plumber Contractor. Cost will be included in base bid.

5. Plumbing Contractor is responsible for all existing slab sawcut, chop out concrete, sub-slab piping work.
6. Plumbing Contractor will re-insulate any existing domestic water elbows and piping which were removed at new work connections. All costs to be included in the Plumbing Contractors base bid.
7. Contractor shall provide all required valves, insulation, seismic restraints, drip pans, expansion tanks, and venting.
8. All equipment shall be fully operational, tested, and commissioned prior to substantial completion.
9. All piping routed to or through the roof shall be properly supported, flashed, sealed, and waterproofed.
10. All plumbing systems shall be tested, flushed, and disinfected as required by code and project specifications.
11. Contractor shall coordinate with the kitchen equipment vendor and other trades for proper rough-in, final connections, and clearances.
12. Contractor is specifically reminded of their responsibilities for clean up as per Section 017400. Maintaining a clean jobsite is considered a safety issue and will be strictly enforced. In addition to daily cleaning, the contractor is required to hire a professional cleaning company to final clean all areas impacted by the construction. This includes completely cleaning any surfaces/equipment/furniture which has been dusted by the construction work. If the contractor does not properly perform this function when directed by the Owner/CM, within 4 hours of being notified the owner will perform the work with others and deduct the cost from the contractor.
13. The Plumbing Work Contractor is responsible for all plumbing work indicated on the WMS and WHS FS drawings unless indicated to be performed by FSEC.

1.9 PRIME CONTRACTOR'S USE OF PREMISES

A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the work is indicated.
B. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
C. Owner's representative(s) will cover the project as outline above in General Special Notes for all. If a contractor requests additional hours to make up schedule time or weekends, he will need to reimburse Owner for additional coverage or costs (e.g. – Architect, Construction Manager, etc.) at their contractual rate.
D. General: Limitations on site usage as well as specific requirements that impact utilization are indicated on the drawings and by other contract documents. In addition to these limitations and requirements, the Contractor shall administer

allocation of available space equitably among the separate sub-contractors and other entities needing access and space, so as to produce the best overall efficiency in performance of the total work of the project. The Contractor shall schedule deliveries so as to minimize space and time requirements for storage of materials and equipment on site.

E. After the equipment is no longer required for the work, it shall be promptly removed from the project site. Protection of construction materials and equipment stored at the project site from weather, theft, damage and all other adversity is solely the responsibility of the Contractors.
F. Do not unreasonably encumber the site with materials or equipment. Confine stockpiling of materials and location of storage sheds to the areas indicated. If additional storage is necessary, obtain and pay for such storage off-site.
G. The Contractor(s) and any entity for which the Contractor is responsible shall not erect any sign of the Project site without the prior written consent from the Owner, which may be withheld in the sole discretion of the Owner.
H. The Contractor(s) shall ensure that the work, at all times, is performed in a manner that affords reasonable access, both vehicular and pedestrian, to the site of the work and all adjacent areas. The work shall be performed, to the fullest extent reasonably possible, in such a manner that public areas adjacent to the site of the work shall be free from all debris, building materials, and equipment likely to cause hazardous conditions. Without limitation of any other provision of the Contract Documents, contractor shall use its best efforts to minimize any interference with the occupancy or beneficial use of: Any areas and building adjacent to the site of the work or the building in the event of partial occupancy.
I. Maintain the building in a safe and weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building during the construction period.
J. Each Prime Contractor is responsible for maintaining a safe jobsite. This includes actively reviewing their work areas to ensure that they are in compliance with all required OSHA regulations. It is a contract requirement that each contractor conducts weekly tool-box safety meetings to ensure that their employees are properly educated and utilizing safe work practices. (Copies of these weekly meetings and a list of the attendees will be forwarded to the CM Site Superintendent on a weekly basis). Contractors will comply with all requirements outlined in the General Conditions including providing their employees with PPE (personal protective equipment) such as masks, hand sanitizer, hard hats, proper work boots, safety harness, safety glasses, etc.
K. Use of tobacco products, drinking alcoholic beverages or open fires will not be permitted on the project site.
L. Utility Outages and Shutdown:

    1. Limit the disruption of utility services to hours the building is unoccupied, weekends or holidays at no additional cost.

2. Do not disrupt or shut down line safety systems, including but not limited to fire sprinklers and fire alarm system, without 7 days' notice to Owner and authorities having jurisdiction.
3. Prevent accidental disruption of utility services to other facilities.
4. All costs for manning of temporary shutdowns and utility crossovers, including 24-hour fire watch if necessary, are included in the contractor's bid regardless of weekend, holiday, etc.

1.10 OCCUPANCY REQUIREMENTS

A. Partial Owner Occupancy: The Owner reserves the right to occupy the place and install equipment in completed areas of the work prior to Substantial Completion, provided such occupancy does not interfere with completion of the Work, such placing of equipment and partial occupancy shall not constitute acceptance of the Total Work.
B. The Architect will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.
C. Obtain a Certificate of Occupancy from local building officials prior to Owner occupancy.
D. Prior to partial Owner occupancy, mechanical and electrical systems shall be fully operational. Required inspections and tests shall have been successfully completed. Upon occupancy, the Owner will operate and maintain mechanical and electrical systems serving occupied portions of the building.
E. Upon occupancy, the Owner will assume responsibility for maintenance and custodial service for occupied portions of the building.

1.11 DEFINITIONS

A. Definitions as applied to "Contractors" involved with the work of this Project:

    a. "The Contractor" or "Contractor" meaning that Respective Prime Contractor normally responsible for that work referenced.
    b. "Respective Prime Contractor" meaning either the – General Contractor, Plumbing, HVAC, Electrical, Sitework, Fire Protection Contractors normally responsible for the referenced work.
    c. "Trade Contractor" meaning that Respective Prime Contractor as above; and such other terms relating to Contractors to be taken in context with respect to the referenced work.
    d. Further, wherein said Division 0 and 1 and respective Sections therein, any reference is made to "General Contractor", same shall be construed to mean "Contractor for the General Construction, or General Work Contractor".

B. The Owner cannot guarantee the correctness of the existing conditions shown and assumes no responsibility therefore, it shall be the responsibility of the Contractor to visit the site and verify all existing conditions prior to bid.
C. The Owner will purchase certain items required for the overall operation of this facility through outside vendors.
D. The Contractor(s) will cooperate with said vendors as may be necessary to permit the work to be accomplished.
    a. The cooperation may extend to the receiving, unloading and placement of said equipment if directed by the Owner.
    b. Each Contractor is advised that the Owner may enter into separate contracts as may be in their best interest.
    c. Each Contractor is further advised that there will be a full on-site Project Representative / Construction Manager, whose duties will be defined at the pre-construction meeting.

1.12 ADDITIONAL SECURITY PROVISIONS

A. All Contractor's employees shall use a single means of access and egress, except in the case of emergency, to be designated by the Construction Manager.
B. Each Contractor and each Subcontractor shall require his employees, while on the job site, to wear, in a conspicuous location, a photo I.D. button bearing the name of the employee and the Contractor. The buttons of each Contractor shall be numbered consecutively. An up-to-date list of all I.D. buttons, indicating the name and number for each employee, shall be furnished to the Construction Manager.

1.13 ASBESTOS AND LEAD PAINT AWARENESS REQUIREMENTS

A. Contractor agrees not to use or permit the use of any asbestos containing material in or on any property belonging to the Owner.
B. For purposes of this requirement, asbestos free shall mean free from all forms of asbestos, including actinolite, amosite, anthophyllite, chrysotile, crocidolite and tremolite, both in friable and non-friable states and without regard to the purposes for which such material is used.

1.14 CONSTRUCTION TIME AND PHASING REQUIREMENTS

A. Each Contractor is advised the "time is of the essence" of the Contract as defined in the "General Conditions" for the completion of the construction of the facility. It is understood that the work is to be carried through to completion with the utmost speed consistent with good workmanship.
B. Time of Completion shall be as established in the Milestone Schedules (Section 011100).

C. The Contractor shall maintain fences and barricades at all times and shall repair/restore and/or pay for any temporary fence damaged by their work.
D. Maintain at all times, all exits and walkways.
E. Where the barricade is removed for work, the Contractor performing such work shall provide adequate safety personnel to prevent unauthorized persons from approaching the work area.
F. Construction Phasing: The phasing and/or milestone schedule contained in Section 011100 has been established for the overall construction of the project.
G. Electrical and mechanical services to the functioning spaces shall be maintained at all times.
H. Swing-overs to new facilities shall be made so as to cause the least interruption to the facilities' operations.
I. The Contractor shall provide and maintain all required separations between old and new construction to prevent:
    a. Unauthorized entrance to construction areas by other than Architect, Construction Manager, or Owner.
J. Exterior alteration and restoration, as required, may proceed outside of phasing schedule at the Contractor's option with concurrence from the Architect, Construction Manager and Owner.
K. Site development work shall proceed in such a manner to cause the least amount of disruption to the ongoing operations as possible.

1.15 PROOF OF ORDERS, DELIVERY DATES AND SUPPLY CHAIN TRACKING

A. Within 2 weeks after the approval of shop drawings, samples, product data and the like, the Contractor shall provide copies of purchase orders for all equipment and materials which are not available in local stock. The Contractor shall submit written statements from suppliers confirming the orders and stating promised delivery dates. Failure to provide this critical information will result in Owner holding monthly requisition payments until received.
B. Due to potential disruption of material supply-chains, the Contractor(s) are required to obtain all materials for the project and store them onsite in their individual Conex boxes. This includes general material items typically readily available (piping, conduits, wire, metal studs, etc.) The Owner will pay for these stored items delivered to the jobsite in accordance with Section 012900.
C. This information shall be incorporated within the progress schedules so required as part of Section 013216 and 013300 and shall be monitored so as to ensure compliance with promised dates.

1.16 FIELD MEASUREMENTS

A. Each Respective Contractor shall take all necessary field measurements prior to fabrication, release and installation of work and shall assume complete responsibility for accuracy of same.

1.17 INITIAL SUBMITTAL REQUIREMENTS

A. As outlined in Division 01, each Contractor shall provide items noted including – bonds, insurance, emergency telephone numbers, progress scheduling, schedules of submittals, subcontractor listings and the like prior to the start of any work. The Owner will not issue contracts until all bonds and insurance information is received from the Contractor and verified correct.

1.18 SCHEDULES

A. The milestone schedule presented in the documents is for bidding and general purposes. Due to the nature of the work, it is the intention of the Construction Manager to negotiate actual work periods for the project amount various Prime Contractors involved with this bidding process, as well as separate contractors involved with other phases of the work solicited under separate proposals. Each Contractor shall, under terms of the General Conditions, mutually cooperate in the rescheduling of work to permit an uninterrupted use of the facilities by the Owner, without additional cost to the Owner.

1.19 GENERAL

A. The objective of this project is to complete the overall work in the shortest period of time and to protect the building and occupants from damages caused by weather and construction during the progress of the work.
B. To meet these objectives, the Contractor shall plan the work, obtain materials, and execute the construction in the most expeditious manner possible in accordance with the requirements listed below.
C. If the Contractor fails to expedite and pursue any part of the work, the Owner may terminate the contract or may carry out the work with others per the General Conditions.
D. The Contractor shall work in coordination with work of other Contractors and Owner.
E. All Contractors are required to comply with proper sequencing of work and provide other Prime Contractors sufficient time to install their work. If Contractor “boxes out” another Prime Contractor, he will be directed to stop work and open if necessary, to enable other trades to complete their work. No compensation for lost time due to stop-work will be provided.

1.20 ADDITIONAL REQUIREMENTS

A. The following are additional general and special requirements which will govern the work of the projects covered by these documents:
B. If it appears that some of the work cannot be completed by the scheduled date, the Contractor shall increase the work force or increase the hours of work, including evenings and weekends as necessary, and cover any additional costs to the Owner, Architect and Construction Manager.
C. If the work is complete but the area has not been cleaned or debris and equipment remain, the Owner and/or Construction Manager will notify the Contractor of the deficiencies. The Contractor will have up to four hours to clean the specified area(s) to the satisfaction of the Owner and/or Construction Manager. If the Contractor fails to do so, the Owner reserves the right to prepare the area for occupancy using their own resources and deduct the associated costs from the Contract amount.
D. If the Contractor fails to staff the job adequately to meet the completion date, the Owner reserves the right to assume possession of the material and complete installation with the Owner's forces or other Contractors or to require the Contractor to work evenings and weekends at no additional cost.
E. The jobsite may be made available on weekends and evenings to all the Contractors for additional time to complete the work before final completion date. Any custodial or Construction Manager costs resulting in this after-hours scheduling will be the Contractor's responsibility at the Construction Manager's contractual hourly rate.
F. Contractor must plan, provide and maintain his own access, ramping and egress as required into and out of the site, staging of trailer(s), materials, machinery, and equipment in agreement with the Construction Manager's Superintendent. Maintain free and safe access on the jobsite for other related project personnel. Maintain safe pedestrian or vehicular traffic must be regulated by a flagman. Trucking and delivery operation should be coordinated with Construction Manager's Superintendent and all other trades.
G. Contractor is responsible to maintain existing site fencing in its existing condition. Modifications of the fence to better accommodate the contract work can be discussed with the Construction Manager. These changes shall than be handled by this Contractor at his expense and in accordance with the Construction Manager's Superintendent's direction. Any cost incurred as a result of damages shall be changed to this Contractor.
H. Contractor's personnel will not be permitted to use Owners facilities (including toilet, telephone, food services, etc.) for their own benefit. Contractor's Superintendent must explain this to all their field forces.
I. Contractor shall limit his operations including storage of materials and prefabrication to areas within the Contract Limit Lines.
J. Contractor shall coordinate the use of premises with the Owner and Construction Manager and shall move at his own expense any stored products under Contractor's control, including excavated material, which interfere with operations of the Owner or separate Contractors.

K. Contractor shall obtain and pay for off-site storage as needed to maintain the Owner's use of their premises. The costs of any required storage shall not be an additional expense to the Owner.
L. Contractor shall assume full responsibility for the protection and safekeeping of products under this Contract stored on the site and shall cooperate with the Construction Manager to ensure security for the Owner's Property.
M. The intention of the work is to follow a logical sequence; however, the Contractor may be required by Construction Manger to temporarily omit or leave out any section of his work or perform his work out of sequence. All such out of sequence work and come back time to these areas shall be performed at no additional cost.
N. Contractor shall submit a three-week (man-loaded work activity and area) to Construction Manager each week. Contractor's representative shall attend a weekly meeting with all contractors, chaired by Construction Manager, for the purpose of job coordination and sequencing.
O. Contractor is responsible to coordinate the job with other trades and Construction Manager, and to cooperate with other trades in pursuit of the overall project's coordination drawings and actively participate in resolving discrepancies, conflicts, interferences, etc.
P. The Contractor shall take special care in verifying that his equipment matches the characteristics of the power being supplied.
Q. Any Contractor personnel including Project Managers, Supervisors, etc. who engage in any personal attacks, belligerent or threatening speech/texts, etc., to the Owner, or any of its agents, will be removed from working on the project.
R. Unsafe practices, horseplay, abusive behavior or language, wanton destruction of property, use of drugs or alcohol, possession of firearms, and solicitation shall not be tolerated. There will be no warnings, and Contractor shall designate a responsible on-site Supervisor to handle any situations that may arise, including termination.
S. Each Contractor is responsible to supply and install all blocking/bracing necessary to properly secure their work. This responsibility includes coordinating the installation in concealed areas without delaying other trades.
T. Union business shall not be conducted on site. Any Union representative that visits the site must declare what Contractor's personnel they represent, and must be escorted by that Contractor's Union steward at all times. No visitors, sales representatives or non-working personnel shall be permitted on site without prior consent of the Construction Manager. No photographs shall be taken without the Construction Manager's prior approval.
U. Contractor shall provide protection from damage to adjacent and adjoining work and/or structures. Contractor shall clean, repair and/or replace any damage for which this Contractor is responsible.
V. Contractor shall submit hourly rate sheets that would apply to time and material work for all pertinent trades upon Award of Contract.
W. Contractor shall examine surfaces and conditions prior to start of work. Report unacceptable conditions to the Construction Manager. Do not proceed until

unacceptable conditions are corrected and acceptable. Starting work implies acceptance of existing conditions.

X. Each Prime Contractor shall include general housekeeping of light debris. All debris from each Prime Contractor will be collected daily and disposed of into their dumpsters. In addition to daily general housekeeping, the General Work Contractor shall provide a weekly broom sweep and damp mop of all areas for the entire duration of the project. The broom sweep shall include debris from all trades working on site.

Y. Prior to commencing the work, each Contractor shall provide written acceptance of grades, structures, substrates, and/or systems installed by other Contractors as suitable for installation of his work. Failure to provide this verification prior to commencing work shall constitute acceptance of the existing conditions.

Z. Each Contractor shall coordinate with the Construction Manager for lay down areas, staging areas, and overall use of project site.

AA. No recycled import fill materials are permitted.

PART 2 – PRODUCTS (NOT APPLICABLE)
PART 3 – EXECUTION (NOT APPLICABLE)

END OF SECTION 011000

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SECTION 131149 - SWIMMING POOL PERIMETER RECIRCULATION SYSTEM

PART 1 GENERAL

1.1 RELATED DOCUMENTS

A. This Section includes general administrative and procedural requirements for all work. The administrative and procedural requirements included in this Section are to expand the requirements specified in Division 1.

1.2 SUMMARY

A. Work Included: Contractor shall complete the removal and replacement of the existing swimming pool perimeter recirculation systems (gutters) as required for this work as indicated in the Contract Documents and Drawings.

1.3 REFERENCES

A. NYSDOH Subpart 6-1: Swimming Pools

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1.4 QUALITY ASSURANCE

A. All work of this section shall be performed by the Swimming Pool Contractor or Sub-Contractor under the General Construction contract.

B. All work covered under this section shall be performed by an authorized licensee of manufacturer or by manufacturer acting as a subcontractor to Pool Contractor.

C. All installation is to be performed by a welder with at least five (5) years of experience in field welding stainless-steel recirculation systems. Strict procedures for welding, brushing, blending, testing, and cleaning shall be provided by manufacturer.

D. Pool contractor shall perform all required grouting and caulking of Perimeter Gutter System as shown on plans.

1.5 SUBMITTALS

A. Provide submittals in accordance with the requirements of the General Requirements of Division 1.

B. Provide shop drawings and catalog data for all swimming pool perimeter recirculation systems (gutters) to be used and the procedures to be completed.

C. Substitutions: Include with request specified item, design, catalog number(s), and finish for each item on which approval is being requested ten (10) days prior to bid opening. Blanket approval by manufacturer's name only will not be given. Substitutions may not be granted after the ten-day period or after the project bid.

1.6 PRODUCT HANDLING

A. Protection: Use all means necessary to protect the surrounding swimming pool during the removal and replacement of the swimming pool perimeter recirculation systems (gutters). Any damage resulting from non-protected surfaces will need to be corrected at the Contractor's expense.

1.7 COORDINATION

A. Coordinate with other Contractors all work relating to this Section.

B. The Swimming Pool Contractor must establish with other Sub-Contractors, having related work in this Section that all work necessary to complete swimming pool perimeter recirculation systems (gutters) as shown on the drawings and in the specifications is included in the base bid to the Owner.

3 C. If in doubt regarding the responsibility for work covered in the Section and/or discovery of errors or omissions in the bidding documents, the Swimming Pool Contractor shall notify the Architect through channels established by the specifications and request a clarification ten (10) days prior to the bid date.

1.8 WARRANTIES

A. Equipment manufacturer shall guarantee in writing that if system is operated in accordance with written instructions given and accepted by Owner, it will perform in accordance with specifications.

1.9 ENGINEERING SERVICES

A. Pool contractor shall supply services of a competent and experienced field engineer to test, inspect completed installation, and present to owner representative. Pool contractor to place it in operation and give operating instructions relative to its care and use.

1.10 SYSTEM TRAINING

A. Refer to section 131100 section 1.10 for specifics.

PART 2 PRODUCTS

2.1 PERIMETER RECIRCULATION SYSTEM WITH HDPE DROP-IN GRATING

A. The following stainless-steel cleaners provided by Stellar Solutions shall be used to remediate the existing corrosion. Specific products should be used for each application to remove all existing surface staining & pitting.

B. A factory fabricated competition perimeter overflow system consisting of a stainless-steel overflow channel and UV protected High Density Polyethylene (HDPE) drop-in grating system. The gutter system has an integrated continuous face with a front flanged strip and an integral filtered water supply channel and shall be supplied around entire perimeter of pool per the details shown on project drawings. Gutter systems requiring field fabricated sections shall not be acceptable.

C. The stainless-steel gutter manufacturer must provide a stainless-steel certificate showing the type of stainless-steel and its chemical composition. The stainless-steel certificate must state the stainless-steel used in manufacturingt his gutter was purchased from a U.S. located mill.

D. Basis of Design: C-Series, M-Series and/or R-Series Perimeter Gutter System with HDPE drop-in grating as manufactured by Paddock Pool Equipment Company, Inc.

2.2 MATERIALS

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A. Perimeter Gutter System sections shall be fabricated entirely from Type 304L/316L stainless-steel with a finish similar or equal to a #4 polished (100 mesh abrasive) finish. 1-1/2" X 1-1/2" X 3/16" angle anchors and all stiffener brackets shall be stainless-steel.

2.3 FINISHES

A. Low carbon stainless-steel components shall be cleaned and polished to present a substantially uniform finish.

2.4 FILTERED WATER SUPPLY CHANNEL

A. Filtered water return tube shall be fitted with appropriately sized nylon jet inlet nozzles placed in a continuous “V” notch formed into the gutter. Channel shall be formed in such a way as to create a continuous rounded ninety-degree angle where bottom face of gutter system meets interior pool wall.

B. Inlets placed in channel by any method other than inside a “V” notch as described above may result in erosion of plaster finish below and shall not be acceptable.

C. A stainless-steel finish flange attached to bottom of face of gutter system may result in an exposed edge that is harmful to swimmers and shall not be acceptable.

D. Inlets shall be spaced not more than 30" on center around entire pool perimeter except where expressly deleted or grouped under racing line anchors. These inlet jets shall be installed so as to provide a stream of filtered chlorinated water on a fixed 45-degree angle directed toward bottom of pool.

E. Filtered water supply conduit shall be machined welded using TIG process and pressure tested prior to shipment. Field welded pressure conduits shall not be acceptable.

2.5 OVERFLOW CHANNEL

A. Main overflow channel shall be fitted with jet flow nozzles to provide a constant stream of filtered chlorinated water in channel to prevent any stagnation or build-up of debris, as shown on plans. All areas of gutter shall be accessible for inspection and cleaning.

2.6 GRATING

A. Perimeter systems are to be covered by a protective grating machined from UV resistant High-Density Polyethylene (HDPE) drop-in grating for maximum efficiency in quelling waves. Drop-In grating shall meet and/or exceed ASTM D2047 Slip Resistance (Wet) with a nominal value of 0.62 to create a non-skid surface. Open area of grating shall not be less than 30%. Grating shall be white unless otherwise specified on plans.

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2.7 ANCHORAGE

A. Entire perimeter overflow system section shall be anchored to pool structure with commercial quality threaded stainless-steel rods (or #5 U-bars) as shown on plans. These anchors shall be placed one-foot (12”) from corners and on a maximum of four-foot (48”) centers around pool perimeter.

2.8 ACCESSORIES

A. Perimeter system may be fitted with optional stainless-steel converters, air relief jet wash fittings, surge weirs, or lane line anchors to achieve proper performance and design. Quantities, locations, and descriptions shall be as shown on plans.

2.9 SEALER

A. Basis of Design: Ruscoe Permanent Sealer High Viscosity (HV) shall be used as a sealing application between the bottom of gutter system and grout under gutter. Installer should tool a joint in grout under gutter to provide a groove to apply caulk. This sealant is one-part polysulfide sealant that chemically cures to form a firm, rubbery waterproof seal. Contractor should clean and abrade surfaces with a fine grade abrasive prior to caulk application to enhance bond strength.

2.10 MISCELLANEOUS

A. Provide the following miscellaneous componets as indicated on the Pool Drawings:
   1. Source Capture System (where indicated on Drawings)
      a. Source-capture system integrally designed within stainless-steel gutter system.
      b. The system has been designed and sized to collect and exhaust chloramines generated from the swimming pool.
      c. The exhaust volume has been accounted for in the overall dehumidification system and is part of the total air handling design.
      d. General size and shape of system is shown on contract drawings.
      e. PPEC will provide and coordinate with approved pool contractor to install system and provide connecting flanges to system plenum for continuation.
   2. Additional Surge Capacity Chamber (where indicated on Drawings)
      a. Additional Surge Capacity Chamber system integrally designed within stainless-steel gutter system to add additional surge capacity during competition.
      b. The chamber shall be formed of stainless-steel and shall be continuously welded to the back of the overflow channel creating a unified gutter.
      c. Paddock Perimeter C-Series, M-Series and/or R-Series Drop-In Grate with Additional Surge Capacity Chamber shall be covered by a protective single uniform piece of HDPE grating from the back of the gutter return tube to the rear of Additional Surge Capacity Chamber.
      d. Additional surge capacity chamber can be integrated with Source Capture System providing improved indoor air quality
   3. Zero Depth Entry Overflow Channel (where indicated on Drawings)
      a. Zero Depth Entry area shall feature a stainless-steel overflow channel protected by HDPE grating to receive waves from pool.
      b. Top of channel shall be at deck level and shall not present a trip hazard to swimmers entering pool.
   4. Surge Weirs (where indicated on Drawings)
      a. Surge Control Weirs shall be installed in perimeter overflow system as shown on drawings. They shall be located to provide a surface cleaning action when water level is below perimeter overflow system lip during periods of non-use.
      b. Weir gate shall close automatically as water level in pool rises, thus allowing pool to be operated at rim level for competition without flooding overflow channel.
      c. System specified provides for automatic closing of surge weirs for rim flow operation without raising water level in perimeter channel, thus providing perimeter surge containment to prevent momentary surcharging of perimeter overflow system channel and to provide capacity for wave entrapment and quelling during competition.
      d. Surge control weirs shall be responsive only to changes in water level within pool.

e. Weirs that respond only to changes in water level in perimeter overflow channel shall not be acceptable. Flow through each weir shall be designed to be fifty (50) GPM max.

f. System specified provides "in-pool" surge capacity of one gallon per square foot (1 gal/ft2) of pool surface area and quiescent surface cleaning in a manner which permits water displaced by bathers and their dynamic surge to remain within pool structure.

5. Auxiliary Surge Recovery Chamber (where indicated on Drawings)
   a. Auxiliary Surge Recovery (ASR) Chamber shall be formed of stainless-steel and shall be welded to filtered water supply channel using a common bottom. ASR chamber shall be factory welded prior to shipment.
6. Auxiliary Surge Recovery Pump (where indicated on Drawings)
   a. Auxiliary Surge Recovery (ASR) Pump shall automatically draw water from ASR chamber and discharge it as shown on drawings.
   b. Vertically-oriented pump shall be installed as an integral component of filter for direct connection to ASR chamber.
   c. Start and stop controls shall be supplied by pool contractor for installation. Electrical wiring and necessary components shall be supplied and installed by electrical contractor.
   d. Pump model and characteristics shall be as shown on drawings.
3 7. Two-Tiered Overflow Channel (where indicated on Drawings)
   a. Overflow system shall be double-channeled with water flowing into lower channel from upper channel via surge control ports located continuously around perimeter during use to prevent flooding of system.
   b. Both upper and lower channels shall be fitted with jet flow nozzles to provide a constant stream of filtered chlorinated water in channel to prevent any stagnation or build-up of debris as shown on plans.
   c. All areas of gutter shall be accessible for inspection and cleaning.
   d. Overflow channel shall be covered by a protective grating machined from UV resistant High-Density Polyethylene (HDPE) drop-in grating for maximum efficiency in quelling waves.
   e. Grating shall be white unless otherwise specified on plans.
8. Tile Insert (where indicated on Drawings)
   a. Face of perimeter recirculation system shall be formed to accept a band of 1" x 1" ceramic tile as shown on drawings by a field technician trained and certified by manufacturer.
9. Gutter Pan with Integrated Jet-Wash (where indicated on Drawings)
   a. Stainless-steel noise quelling competition gutter pan with integrated jet-wash. Gutter pan shall be formed of 14-gauge 304L/316L stainless-steel with jet flow nozzles to provide a constant stream of filtered chlorinated water in pan to prevent any stagnation or build-up of debris and non-surge restricted drain holes, as shown on plans.

PART 3 EXECUTION

3.1 SURFACE CONDITIONS

A. Inspection: Prior to all work in this Section, carefully inspect the installed work of other trades and verify that all such work is complete to the point where this installation may properly commence.

B. Verify that the swimming pool perimeter recirculation systems (gutters) may be applied in strict accordance with the original design, pertinent codes and regulations, and the manufacturer's recommendations.

END OF SECTION 131149

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SECTION 321216 - ASPHALT PAVING

PART 1 GENERAL

1.1 SUMMARY

A. Hot-mixed asphalt pavement for roads

B. Hot-mixed asphalt patching

1.2 RELATED WORK SPECIFIED ELSEWHERE

A. Contract Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
   1. Section 312000: Excavation and Fill
   2. Section 321723: Pavement Marking

1.3 REFERENCE STANDARDS

A. AI MS-2 - Asphalt Mix Design Methods; 2015.

B. AI MS-22 - Construction of Quality Asphalt Pavements; 2020.

C. ASTM D1073 - Standard Specification for Fine Aggregate for Asphalt Paving Mixtures; 2016 (Reapproved 2022).

D. New York State Department of Transportation (DOT) Specification Section 40X, latest edition.

1.4 PROJECT CONDITIONS

A. Environmental Requirements:
   1. Discontinue paving when surface temperatures fall below requirements listed in DOT Table 402-1 unless otherwise specified in the General Conditions of this Contract or as directed by the Engineer.
   2. Do not place asphalt concrete on wet surfaces, or when weather conditions otherwise prevent the proper handling or finishing of bituminous mixtures as determined by the Engineer.
   3. Pavement is restricted by dates listed in the General Conditions or by temperatures.

1.5 SUBMITTALS

A. Product Data:

1. Paving Synthetics: including Manufacturer's name, specifications, MSDS as required and installation instructions (including adhesion type and rate) for each item specified.
2. Asphaltic Pavement: Include mix design from NYSDOT approved Batch Plant, Mix Design Test results that are less than 6 months old

B. Batch plant name, NYSDOT Plant Number, and location of asphalt plant.

C. Pavement Quality Control Submittals: Material Delivery Tickets
1. At the time of delivery, a copy of the delivery ticket must be presented to the Director's Representative with the following minimum information:
   a. Ticket Number.
   b. Plant Identification.
   c. Project Name.
   d. Mix Type.
   e. Quantity of material in vehicle.
   f. Date and Time.

D. Qualification Data: For manufacturer and testing agency.

E. Field quality-control reports.

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: A paving-mix manufacturer registered with and approved by authorities having jurisdiction or the NYSDOT.

B. Testing Agency Qualifications: Qualified according to ASTM D 3666 for testing indicated.

C. Regulatory Requirements: Comply with materials, workmanship, and other applicable requirements of the NYSDOT for asphalt paving work.

D. Measurement and payment provisions and safety program submittals included in standard specifications do not apply to this Section.

PART 2 PRODUCTS

2.1 AGGREGATES

A. All aggregate used in design mixes shall be as specified in DOT Specification Section 401-2.02 B.; Coarse Aggregate Type F2 Conditions.

B. Coarse Aggregate: ASTM D 692, sound; angular crushed stone, crushed gravel.

C. Fine Aggregate: ASTM D1073 or AASHTO M 29, sharp-edged natural sand or sand prepared from stone, gravel.

2.2 ASPHALT MATERIALS

A. General: Use locally available materials and gradations that exhibit a satisfactory record of previous installations.

B. Asphalt Pavement: Paving materials shall comply with the New York State Department of Transportation Standard Specification dated "Current Version." Section 404 – Hot Mix Asphalt.

C. Trueing & Leveling Course: DOT Table 401-1 Composition of Hot Mix Asphalt Mixtures, Type 5 (Shim).

D. Asphalt Cement: ASTM D 3381 for viscosity-graded material. ASTM D 946 for penetration-graded material.

E. Asphalt Cement Tack Coat: Material shall conform to NYSDOT Section 407 – Tack Coat.

F. Prime Coat: Cut-back asphalt type, ASTM D 2027; MC-30, MC-70 or MC-250.

2.3 AUXILIARY MATERIALS

A. Sand: ASTM D1073 or AASHTO M 29, Grade Nos. 2 or 3.

B. Joint Sealant: ASTM D 3405 or AASHTO M 301, hot-applied, single-component, polymer-modified bituminous sealant.

C. Paving Synthetics: A non-woven fabric designed for use in pavement rehabilitation to reduce reflective cracking, act as a vapor barrier and have one side heat bonded only.
1. Tensar Triax Geogrid
2. Tencate
3. Propex Fabrics
4. Fibertex
5. Approved equivalent

2.4 MIXES

A. Hot-Mix Asphalt: Dense, hot-laid, hot-mix asphalt plant mixes approved by authorities having jurisdiction; designed according to procedures in AI MS-2, "Mix Design Methods for Asphalt Concrete and Other Hot-Mix Types"; and complying with the following requirements:
1. Provide mixes with a history of satisfactory performance in geographical area where Project is located.
2. Base Course: NYSDOT (Type 37.5 F9 Base Course HMA, series 80 compaction) per Contract Drawings.
3. Binder Course: NYSDOT (Type 19 F9 Binder Course HMA, series 80 compaction) per Contract Drawings.

4. Top Course: NYSDOT (Type 9.5 F2 Top Course HMA, series 80 compaction) per Contract Drawings.
5. True and Leveling Course: Binder Course mix to be used in placed in a lift greater than 2 inches thick. Top Course mix to be used in a lift less than 2 inches thick.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify that sub-grade is dry and in suitable condition to support paving and imposed loads.

B. Proof-roll subgrade in accordance with Specification Section 312000: Excavation and Fill

C. Proceed with paving only after unsatisfactory conditions have been corrected.

3.2 SURFACE PREPARATION

A. General: Immediately before placing asphalt materials, remove loose and deleterious material from substrate surfaces. Ensure that prepared subgrade is ready to receive paving

B. Sweep loose granular particles from surface of unbound-aggregate base course. Do not dislodge or disturb aggregate embedded in compacted surface of base course.

C. Tack Coat: If top course is not placed within twenty-four (24) hours of binder placement, a tack coat shall be applied to clean surface prior to placement of top course. Apply uniformly to surfaces of pavement at a rate of 0.05 to 0.15 gal./sq. yd.

D. Allow tack coat to cure undisturbed before applying hot-mix asphalt paving.

E. Avoid smearing or staining adjoining surfaces, appurtenances, and surroundings. Remove spillages and clean affected surfaces.

3.3 HOT-MIX ASPHALT PLACING

A. Machine place hot-mix asphalt on prepared surface, spread uniformly, and strike off using a self-propelled paving machine with vibrating screed. Place asphalt mix by hand to areas inaccessible to equipment in a manner that prevents segregation of mix. Place each course to required grade, cross section, and thickness when compacted.
1. Clean cracks and joints in existing hot-mix asphalt pavement.
2. Place hot-mix asphalt base course in number of lifts and thicknesses indicated.
3. Spread mix at minimum temperature of 250 degrees Fahrenheit.
4. Begin applying mix along centerline of crown for crowned sections and on high side of one-way slopes, unless otherwise indicated.

5. Regulate paver machine speed to obtain smooth, continuous surface free of pulls and tears in asphalt-paving mat.

B. Place paving in consecutive strips not less than 10 feet wide unless infill edge strips of a lesser width are required.
   1. After first strip has been placed and rolled, place succeeding strips and extend rolling to overlap previous strips. Overlap mix placement about 1 to 1-1/2 inches from strip to strip to ensure proper compaction of mix along longitudinal joints.
   2. Complete a section of asphalt base course before placing asphalt surface course.

C. Promptly correct surface irregularities in paving course behind paver. Use suitable hand tools to remove excess material forming high spots. Fill depressions with hot-mix asphalt to prevent segregation of mix; use suitable hand tools to smooth surface.

3.4 JOINTS

A. Construct joints to ensure a continuous bond between adjoining paving sections. Construct joints free of depressions with same texture and smoothness as other sections of hot-mix asphalt course.
   1. Clean contact surfaces and apply tack coat to joints.
   2. Offset longitudinal joints, in successive courses, a minimum of 6 inches.
   3. Offset transverse joints, in successive courses, a minimum of 12 inches.
   4. Construct transverse joints as described in AI MS-22, "Construction of Hot Mix Asphalt Pavements."
   5. Compact joints as soon as hot-mix asphalt will bear roller weight without excessive displacement.
   6. Compact asphalt at joints to a density within 2 percent of specified course density.

3.5 COMPACTION

A. General: Begin compaction as soon as placed hot-mix paving will bear roller weight without excessive displacement. Compact hot-mix paving with hot, hand tampers or vibratory-plate compactors in areas inaccessible to rollers.
   1. Complete compaction before mix temperature cools to 185 degrees Fahrenheit.

B. Breakdown Rolling: Complete breakdown or initial rolling immediately after rolling joints and outside edge. Examine surface immediately after breakdown rolling for indicated crown, grade, and smoothness. Correct laydown and rolling operations to comply with requirements.

C. Intermediate Rolling: Begin intermediate rolling immediately after breakdown rolling while hot-mix asphalt is still hot enough to achieve specified density. Continue rolling until hot-mix asphalt course has been uniformly compacted to the following density:

1. Average Density: 92 percent of reference maximum theoretical density according to ASTM D 2041, but not less than 90 percent nor greater than 96 percent.

D. Finish Rolling: Finish roll paved surfaces to remove roller marks while hot-mix asphalt is still warm.

E. Edge Shaping: While surface is being compacted and finished, trim edges of pavement to proper alignment. Bevel edges while asphalt is still hot; compact thoroughly.

F. Repairs: Remove paved areas that are defective or contaminated with foreign materials and replace with fresh, hot-mix asphalt. Compact by rolling to specified density and surface smoothness.

G. Protection: After final rolling, do not permit vehicular traffic on pavement until it has cooled and hardened.

H. Erect barricades to protect paving from traffic until mixture has cooled enough not to become marked.

3.6 INSTALLATION TOLERANCES

A. Thickness: Compact each course to produce the thickness indicated within the following tolerances:
1. Binder Course: Plus or minus 1/2 inch.
2. Surface Course: Plus 1/4 inch, no minus.

B. Surface Smoothness: Compact each course to produce a surface smoothness within the following tolerances as determined by using a 10-foot straightedge applied transversely or longitudinally to paved areas:
1. Base Course: 1/4 inch.
2. Surface Course: 1/8 inch.
3. Crowned Surfaces: Test with crowned template centered and at right angle to crown. Maximum allowable variance from template is 1/4 inch.

3.7 PATCHING

A. Hot-Mix Asphalt Pavement: Saw cut perimeter of patch and excavate existing pavement section to sound base. Excavate rectangular or trapezoidal patches, extending 12 inches into adjacent sound pavement, unless otherwise indicated. Cut excavation faces vertically. Remove excavated material. Re-compact existing unbound-aggregate base course to form new sub-grade.

B. Tack Coat: Apply uniformly to vertical surfaces abutting or projecting into new, hot-mix asphalt paving at a rate of 0.05 to 0.15 gal./sq. yd.
1. Allow tack coat to cure undisturbed before applying hot-mix asphalt paving.

2. Avoid smearing or staining adjoining surfaces, appurtenances, and surroundings. Remove spillages and clean affected surfaces.

C. Patching: Partially fill excavated pavements with hot-mix asphalt base mix and, while still hot, compact. Cover asphalt base course with compacted, hot-mix surface layer finished flush with adjacent surfaces.

3.8 REPAIRS

A. Leveling Course: Install and compact leveling course consisting of hot-mix asphalt surface course to level sags and fill depressions deeper than 1 inch in existing pavements.
   1. Install leveling wedges in compacted lifts not exceeding 3 inches thick.

B. Crack and Joint Filling: Remove existing joint filler material from cracks or joints to a depth of 1/4 inch.
   1. Clean cracks and joints in existing hot-mix asphalt pavement.
   2. Use emulsified-asphalt slurry to seal cracks and joints less than 1/4 inch wide. Fill flush with surface of existing pavement and remove excess.

3.9 FIELD QUALITY CONTROL

A. Special Inspections: Contractor shall engage a qualified special inspector to perform the following special inspections:

B. Testing Agency: Engage a qualified testing agency to perform tests and inspections.

C. Thickness: In-place compacted thickness of hot-mix asphalt courses shall be determined according to ASTM D 3549.

D. Surface Smoothness: Finished surface of each hot-mix asphalt course shall be tested for compliance with smoothness tolerances.

E. In-Place Density: Testing agency shall take samples of uncompacted paving mixtures and compacted pavement according to ASTM D 979.
   1. Reference maximum theoretical density shall be determined by averaging results from four samples of hot-mix asphalt-paving mixture delivered daily to site, prepared according to ASTM D 2041, and compacted according to job-mix specifications.
   2. In-place density of compacted pavement shall be determined by testing core samples according to ASTM D 1188 or ASTM D 2726.
      a. One core sample shall be taken for every 1000 sq. yd or less of installed pavement, with no fewer than three cores taken.
      b. Field density of in-place compacted pavement may also be determined by nuclear method according to ASTM D 2950 and correlated with ASTM D 1188 or ASTM D 2726.

F. Replace and compact hot-mix asphalt where core tests were taken.

G. Remove and replace or install additional hot-mix asphalt where test results or measurements indicate that it does not comply with specified requirements.

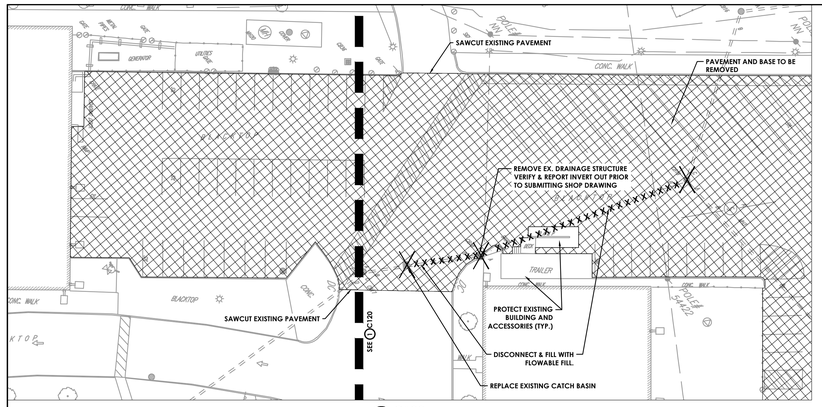
3.10 ASPHALT PRICE ADJUSTMENT

A. The Contract Price will be adjusted in accordance with this Section.

1. Monthly Price Adjustments will be based on the September 2026 base average of the F.O.B. terminal price per English ton of unmodified PG 64-22 binder without anti-stripping agent. The September 2026 base average F.O.B. terminal price is $794.00 and shall be referred to as the "Original Reference Price". The Original Reference Price is based on the most recent NYSDOT published Asphalt Price Index available prior to the bid date. The new monthly F.O.B. terminal price shall be as determined by the New York State Department of Transportation Standard Specifications and shall be referred to as the "Updated Reference Price".
2. The Monthly Price Adjustment shall be calculated and applied to the quantity (in tons or portion thereof) of applicable asphalt material delivered during the month. The Updated Reference Price for a given calendar month shall be effective for deliveries made on or after the first day of that calendar month. A separate price adjustment shall be calculated for each calendar month. Price adjustments shall be implemented via Change Order. Contractor shall prepare Change Order and provide all supporting documentation as determined by the Architect/Engineer and Construction Manager.
3. Each Monthly Price Adjustment shall be based solely on the difference between the Original Reference Price and the applicable Updated Reference Price. No consideration will be given to situations where an individual supplier's price exceeds the average posted price. Monthly Price Adjustment shall be calculated using the following:

Monthly Price Adjustment (Per Ton)	**=**	**Updated Reference Price (New Monthly Asphalt Price Index, Per Ton)**	**–**	**Original Reference Total % Price (September 2026 Asphalt Price Index - Binder is $794.00)**	**x**	**Asphalt Mix**

a. Positive price adjustments shall be added to the original bid price.
b. Negative price adjustments shall be deducted from the original bid price.
c. Price adjustments allowed by this Section shall be calculated and applied to the original base bid contract.
d. No price adjustment will be made unless the change amounts to more or less than $10.00 per liquid ton from the Original Reference Price.
e. Price adjustment shall be based on $/ton (English units), not metric tons.



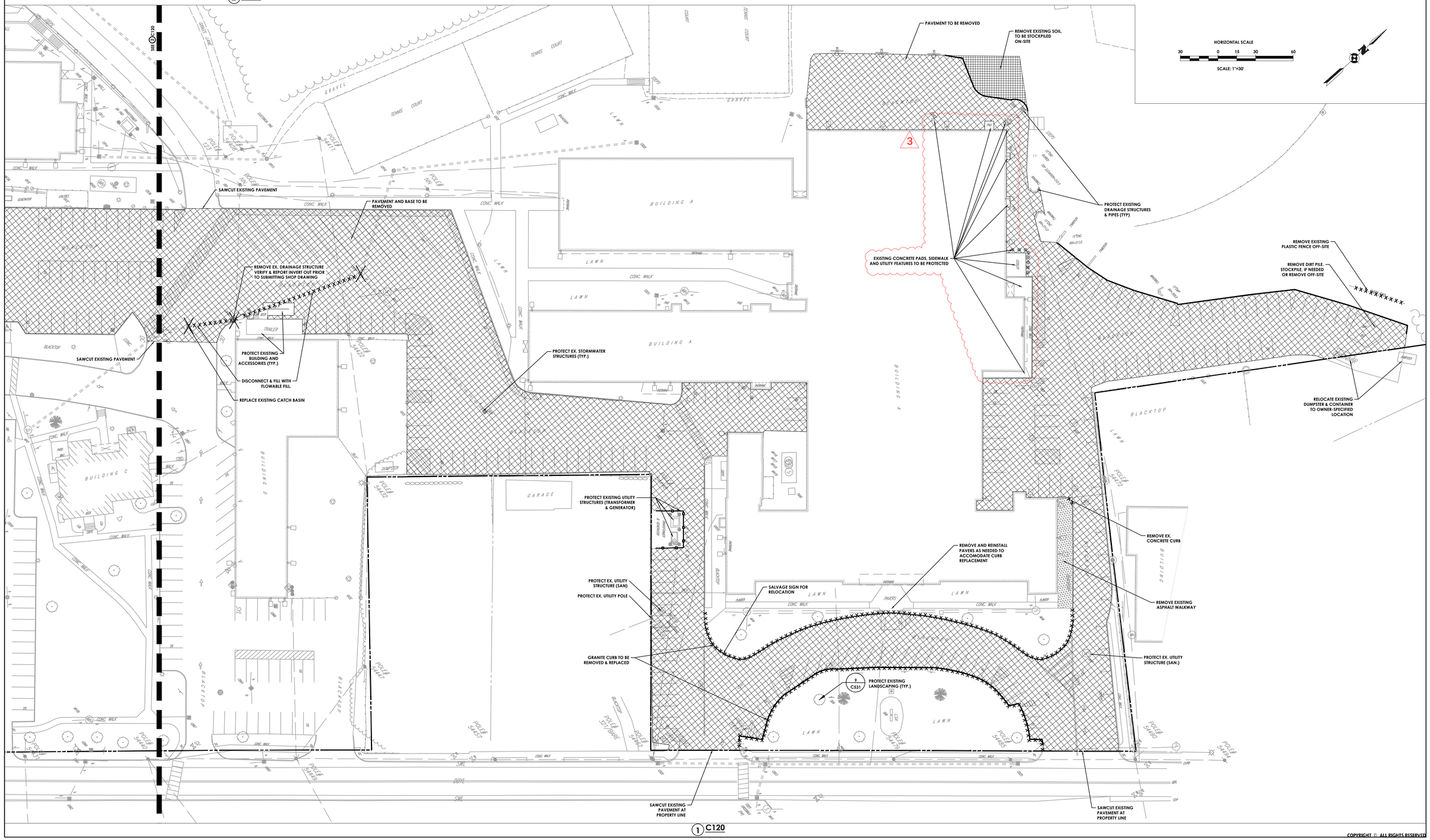
2 C120

HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'

NOTES:
1) CONTRACTOR SHALL SALVAGE EXISTING GRANITE CURB AND STORE ON-SITE TO PREVENT DAMAGE. OWNER'S REPRESENTATIVE SHALL VERIFY CONDITION OF SALVAGED GRANITE CURB PRIOR TO RE-INSTALLATION . SET SALVAGE AND/OR NEW GRANITE CURB IN ACCORDANCE WITH DETAIL 3A, SHEET C530.
2) REPORT ANY PIPE INTRUSIONS NOT DEPICTED ON THE SURVEY BASE MAPPING TO THE PROJECT ENGINEER PRIOR TO BACKFILLING.

LEGEND - DEMOLITION:

- PROPERTY BOUNDARY
- EXISTING BUILDING
- EXISTING FEATURE TO BE REMOVED
- XXXXXXXXX EXISTING FEATURE/ITEM TO BE REMOVED
- EXISTING ASPHALT (& BASE) TO BE REMOVED
- EXISTING ASPHALT SIDEWALK TO BE REMOVED
- EXISTING UNIT PAVERS TO BE REMOVED
- SAWCUT EDGE OF PAVEMENT
- EXISTING TREE/BRUSH LINE



1 C120

HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'

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Consultant
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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK
CHRISTOPHER J. LAPORTE
102593
LICENSED PROFESSIONAL ENGINEER
DFIRM: 01/30/25

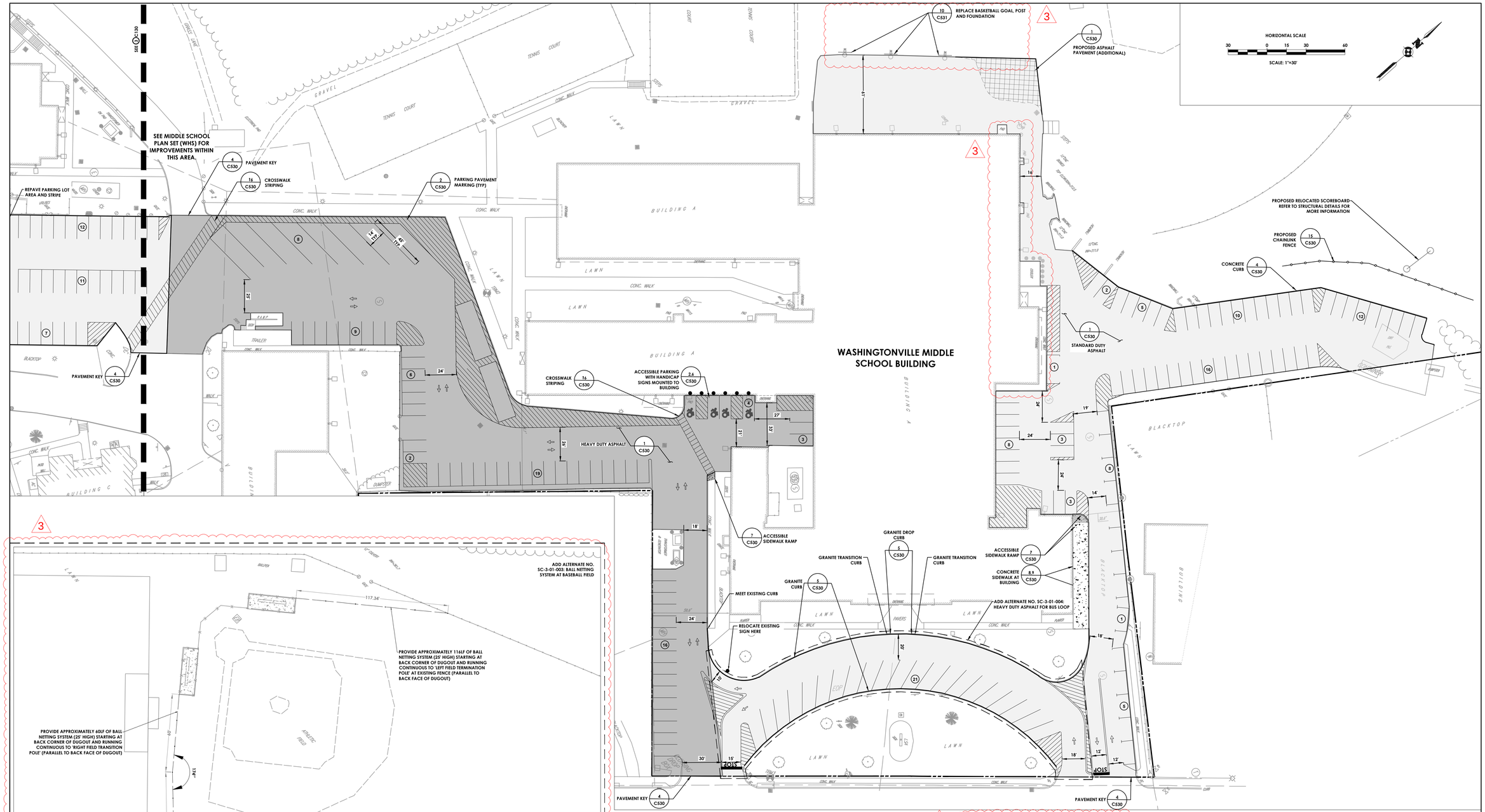
No.	DATE	DESCRIPTION
3	09-23-26	BID ADDENDUM 3

Drawn By:	TG
Checked By:	RV
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

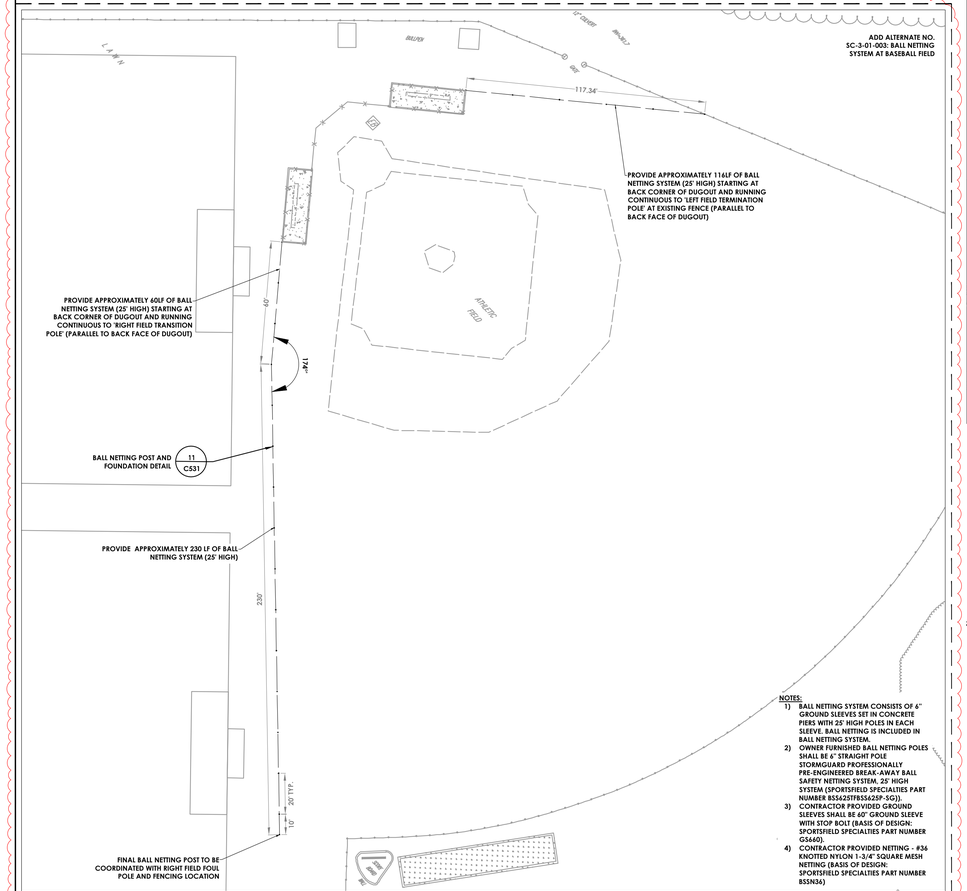
Sheet Title
DEMOLITION PLAN

Sheet No.
WMS C120

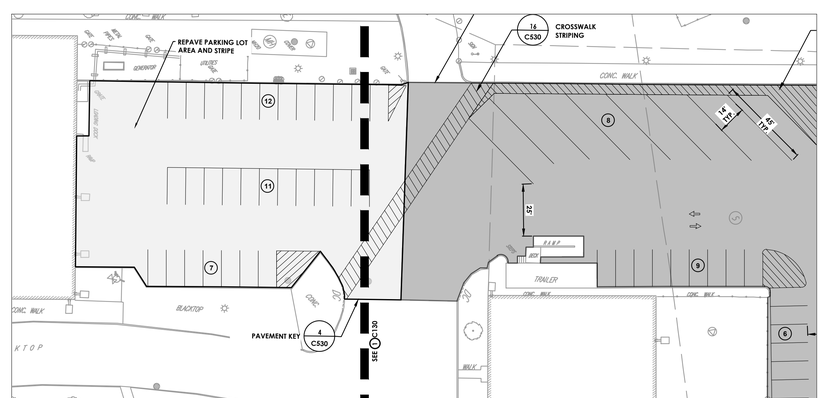
CONSTRUCTION DOCUMENTS



3 (1) MIDDLE SCHOOL SITE IMRPOVEMENTS



2 BASEBALL FIELD SITE IMPROVEMENTS



3 (3) MIDDLE SCHOOL SITE IMRPOVEMENTS

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Project Title: WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK · CHRISTOPHER J. LAGONIA · LICENSED PROFESSIONAL ENGINEER · 102592 · EXPIRES: 09/30/26

3	09-23-26	BID ADDENDUM 3
NO.	DATE	DESCRIPTION

Drawn By:	TD
Checked By:	RV
Proj. #:	44-01-02-05-0-001-023
CSArch Proj. #:	228-2401-00
Construction Documents:	12/12/25

Sheet Title: SITE PLAN

Sheet No.: WMS C130

CONSTRUCTION DOCUMENTS

REPLACE EXISTING CATCH BASIN
DW-4B (8' DIAMETER BY
6' DEEP DRYWELL)
TG=310.50
SW INV=308.50
NE INV=308.50
E INV=308.2
NW INV=308.1

CB-4M (30"X42")
TG=311.80
NE INV=307.50
S INV=307.50

SEWER BEDDING (TYP.) 11 C530

CATCH BASIN (TYP.) 13 C530

99 LF 12" HDPE STM.@ 1.01%

DW-4A (8' DIAMETER BY
6' DEEP DRYWELL)
TG=310.50
SW INV=308.50

12 C530 DRYWELL (TYP.)

10 LF 12" HDPE STM.@ 0.00%

45 LF 12" HDPE STM.@ 0.66%

REPLACE EXISTING CB
CB-7M (30X48)
TG=311.90
N INV=307.20
VERIFY AND REPORT
INVERT OUT PRIOR TO
SUBMITTING SHOP
DRAWING

2.3.8 C530 INLET PROTECTION (TYP.)

2.3.8 C531 INLET PROTECTION (TYP.)

25 LF 12" HDPE STM.@ 3.35%

CB-5M (30"X42")
RIM=309.5
S INV=307.2

CB-4M (30"X42")
TG=309.75
NE INV=306.60
S INV=306.60

27 LF 12" HDPE STM.@ 0.75%

57 LF 12" HDPE STM.@ 1.57%

CB-3M (30"X42")
TG=309.75
SW INV=307.50

CONNECT TO EX. STRUCTURE INV. = 306.4 10 C530

GRANITE DROP CURB ?? C530

5.4 C531 CONCRETE WASH-OUT (TYP)

1 C531 STABILIZED CONSTRUCTION ENTRANCE (TYP.)

164 LF 8" HDPE STM.@ 0.50%

87 LF 8" HDPE STM.@ 0.55%

CB-2M (30"X42")
TG=310.50
SW INV=308.48
NE INV=308.48

FLARED END SECTION-1

14 C530 PROPOSED RIPRAP APRON

CB-1M (30"X42")
TG=311.25
NE INV=309.30

4 C531 SILT FENCE (TYP.)

3

NYS ROUTE 44 (WEST MAIN STREET)

LEGEND - GRADING

- 520 — EXISTING MAJOR CONTOUR
- 521 — EXISTING MINOR CONTOUR
- 520 — PROPOSED MAJOR CONTOUR
- 521 — PROPOSED MINOR CONTOUR
- PROPOSED STORM SEWER
- ST — EXISTING STORM SEWER
- PROPOSED INLET PROTECTION
- PROPOSED CATCH BASIN
- PROPOSED DRYWELL
- SF — SILT FENCE
- X 492.7 — 492.7 PROPOSED SPOT ELEVATION
- X 491.5 EXISTING SPOT ELEVATION
- STABILIZED CONSTRUCTION ENTRANCE

HORIZONTAL SCALE
30 0 15 30 60
SCALE: 1"=30'

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK
CHRISTOPHER J. LAPORTA
102597
LICENSED PROFESSIONAL ENGINEER
EXPIRES: 05/30/26

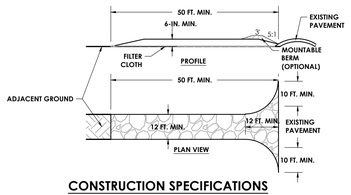
NO.	DATE	DESCRIPTION
3	09-22-25	BID ADDENDUM 3

Drawn By:	TO
Checked By:	RV
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
GRADING, DRAINAGE & EROSION & SEDIMENT CONTROL PLAN

Sheet No.
WMS C140

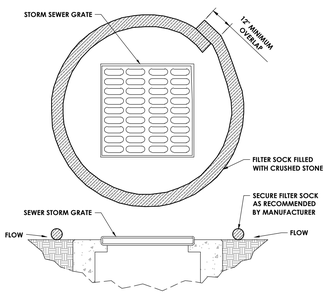
CONSTRUCTION DOCUMENTS



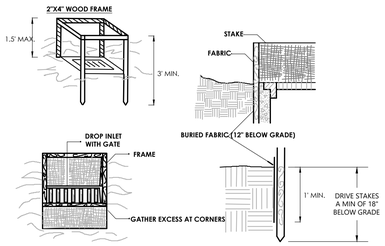
CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN

1 STABILIZED CONSTRUCTION ENTRANCE
N.T.S.



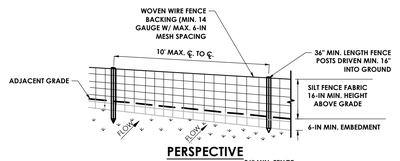
2 INLET PROTECTION IN PAVEMENT
N.T.S.



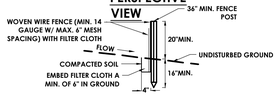
CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
7. DRAINAGE AREA TO EACH PRACTICE SHALL NOT EXCEED 1 ACRE.

3 INLET PROTECTION (FILTER FABRIC DROP)
N.T.S.



PERSPECTIVE VIEW

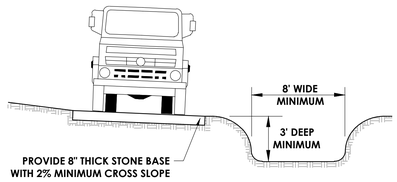


SECTION VIEW

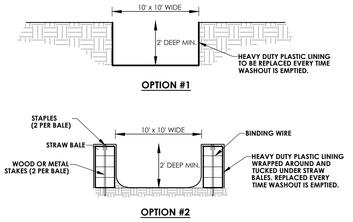
NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE. 14 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER- LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

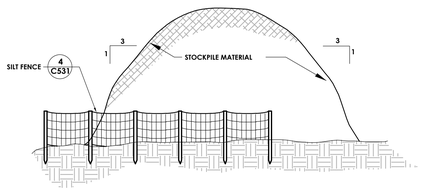
4 SILT FENCE DETAIL
N.T.S.



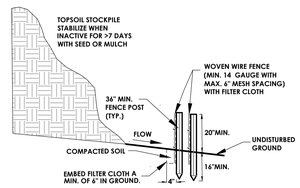
5 TRUCK WASHDOWN AREA
N.T.S.



6 CONCRETE WASH OUT AREA OPTION #2
N.T.S.



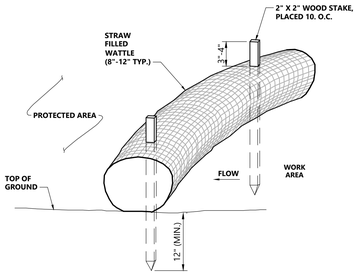
7 STOCKPILE AREA DETAIL
N.T.S.



SECTION VIEW

CONSTRUCTION NOTES & SPECIFICATIONS

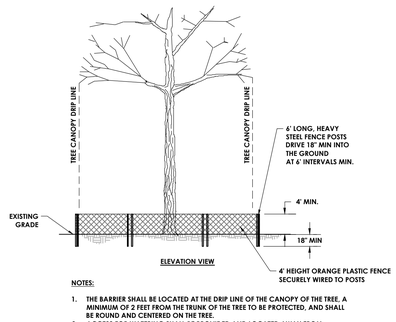
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4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVLOP IN THE SILT FENCE.



NOTES

1. STRAW WATTLE SHALL BE AS MANUFACTURED BY EARTHSAVER OR APPROVED EQUAL.
2. STRAW WATTLES SHALL OVERLAP A MINIMUM OF 12 INCHES.
3. STRAW WATTLE SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
4. TEMPORARY STRAW WATTLES TO BE REMOVED BY CONTRACTOR. ALL OTHERS TO REMAIN IN PLACE UNLESS DIRECTED OTHERWISE BY ENGINEER.
5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.
6. STRAW WATTLE MAY BE USED IN LIEU OF SILT FENCE AT ENGINEERS DISCRETION

8 STRAW WATTLE
N.T.S.



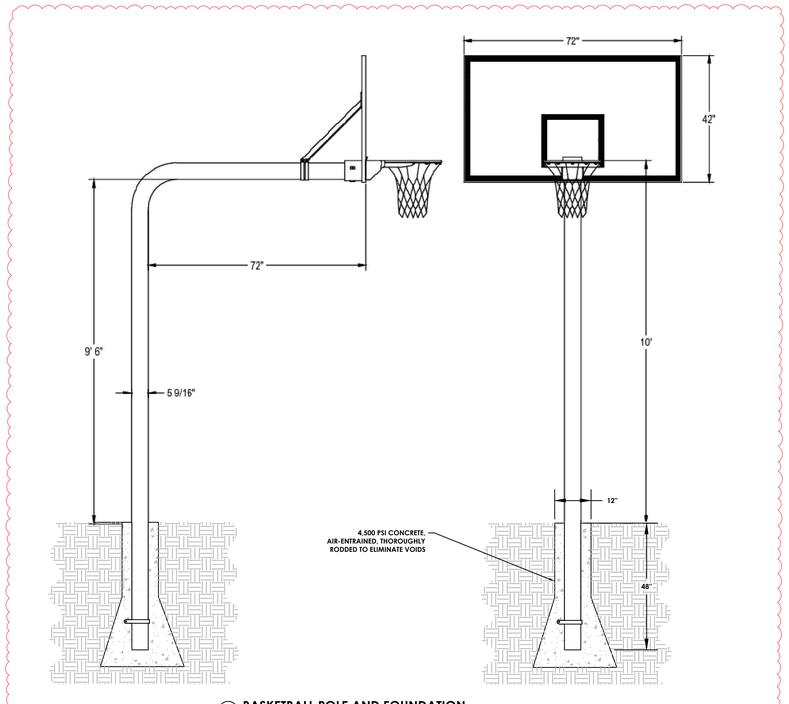
ELEVATION VIEW

NOTES:

1. THE BARRIER SHALL BE LOCATED AT THE DRIP LINE OF THE CANOPY OF THE TREE. A MINIMUM OF 2 FEET FROM THE TRUNK OF THE TREE TO BE PROTECTED, AND SHALL BE ROUND AND CENTERED ON THE TREE.
2. ACCESS FOR WATERING SHALL BE PROVIDED AND LOCATED AWAY FROM CONSTRUCTION.

9 TREE PROTECTION DETAIL
N.T.S.

3



10 BASKETBALL POLE AND FOUNDATION
N.T.S.

NOTES:

1) DESIGN BASED ON BISON INC. BA780 MEGA-DUTY 5 9/16" GOOSNECK POLE WITH FH74 PACKAGE AND BA700FP POLE PADDING
2) INSTALL PER MANUFACTURER'S GUIDANCE

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Project Title:
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK
CHRISTOPHER J. LADORE
102592
LICENSED PROFESSIONAL ENGINEER
EXPIRES: 08/31/26

No.	DATE	DESCRIPTION
3	12-22-25	BID ADDENDUM 3

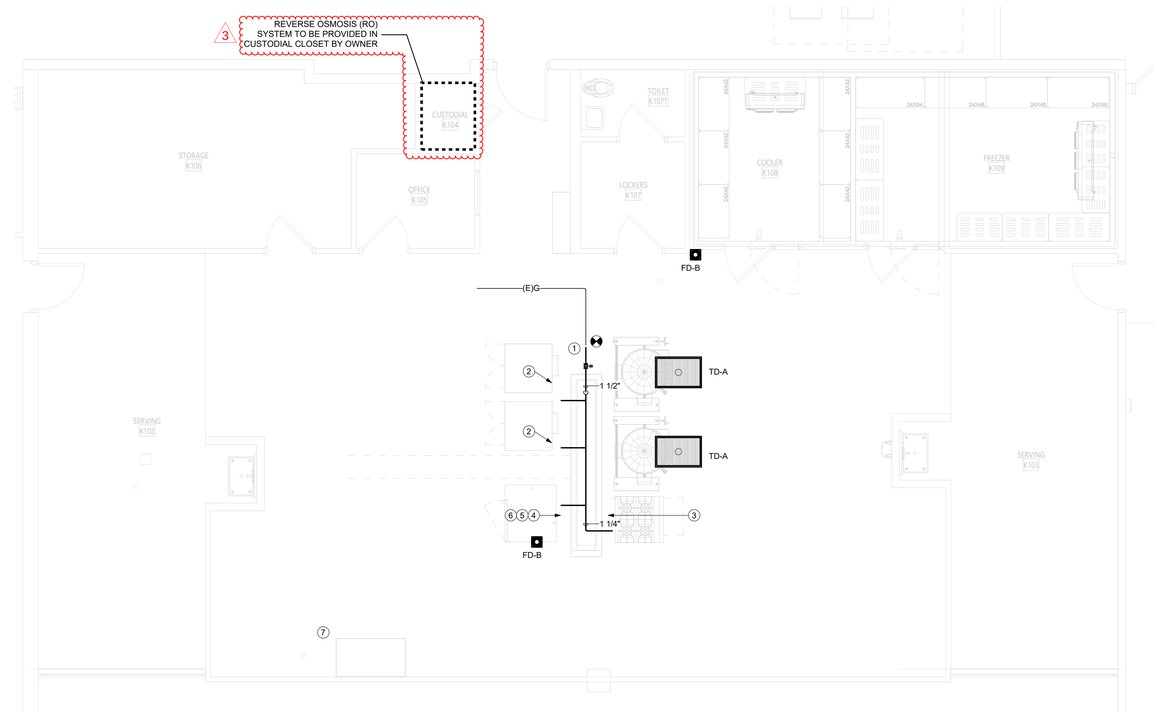
Drawn By:	TQ
Checked By:	RV
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.00
Construction Documents:	12/12/25

Sheet Title
EROSION AND SEDIMENT CONTROL DETAILS

Sheet No.
WMS C531

CONSTRUCTION DOCUMENTS

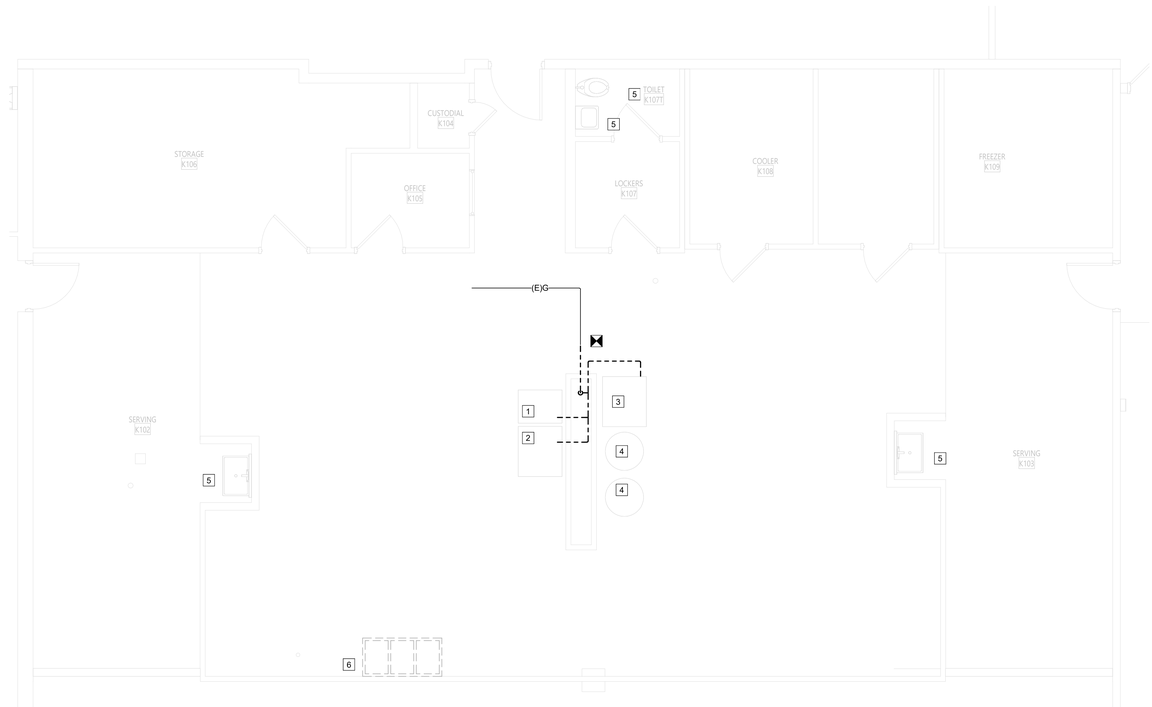
FIXTURE AND EQUIPMENT CONNECTION SCHEDULE						
DESIGNATION	DESCRIPTION	COLD WATER	HOT WATER	WASTE OR SANITARY	VENT	REMARKS
TD-A	TROUGH DRAIN	-	-	4"	2"	PACIFIC STAINLESS STAINLESS TEEL FLOOR TROUGH, 2'X3', 4" OUTLET
FD-B	FLOOR DRAIN	-	-	3"	2"	1/2 COVER, FINISHED AREA FLOOR DRAIN, 3" OUTLET, WITH TRAP GUARD. PROVDE COVER FOR INDIRECT DISCHARGE WITH 1/2 COVER OR INDIRECT FUNNEL



2 ENLARGED KITCHEN PLAN

P611 1/4" = 1'-0"

0' 2' 4' 8'



1 ENLARGED KITCHEN PLAN - DEMOLITION

P611 1/4" = 1'-0"

0' 2' 4' 8'

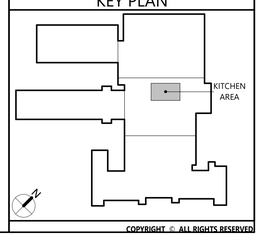
⊗ DRAWING NOTES:

1. 1-1/2" NATURAL GAS MAIN FOR KITCHEN EQUIPMENT. PROVIDE SOLENOID VALVE ON SUPPLY MAIN AND COORDINATE SHUT-DOWN WITH FIRE SUPPRESSION ACTIVATION
2. 3/4" NATURAL GAS FLEXIBLE CONNECTION WITH SHUT OFF VALVE TO CONVECTION OVEN
3. 1-1/4" NATURAL GAS FLEXIBLE CONNECTION WITH SHUT OFF VALVE TO RANGE
4. 1/2" NATURAL GAS FLEXIBLE CONNECTION WITH SHUT OFF VALVE TO EACH CONNECTION ON COMBI OVEN. ROUTE DRAIN TUBING FROM EACH COMBI OVEN TO FLOOR DRAIN
5. PROVIDE 3/4" WATER FROM R/O SYSTEM PROVIDED IN CUSTODIAL CLOSET TO EACH CONNECTION ON COMBI OVENS
6. PROVIDE 3/4" UNFILTERED COLD WATER TO EACH CONNECTION ON COMBI OVENS
7. PROVIDE 1/2" HOT AND COLD WATER TO REQUIRED CONNECTION TO NEW DISHWASHER AND INCLUDED BOOSTER HEATER. CONNECT DRAIN TO INLET ON EXISTING GREASE TRAP

⊠ DEMOLITION NOTES:

1. REMOVE GAS SUPPLY TO EXISTING RANGE
2. REMOVE GAS SUPPLY TO EXISTING CONVECTION OVEN
3. REMOVE GAS, WATER AND DRAIN SUPPLY TO EXISTING COMBI OVEN
4. REMOVE WATER AND DRAIN SUPPLY TO EXISTING KETTLE
5. EXISTING PLUMBING FIXTURE TO REMAIN
6. REMOVE WATER AND DRAIN SUPPLY FROM EXISTING 3-BAY SINK. GREASE TRAP AND WASTE TO UNDERSLAB TO REMAIN.

KEY PLAN



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M/E Project # 24033

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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE MIDDLE SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK · MICHAEL K. SULLIVAN · 077887 · PROFESSIONAL ENGINEER

Reg. Exp: 05/31/2027
Cert. of Auth.: 0018643

#	DATE	DESCRIPTION
3	09/23/26	BID ADDENDUM #3

Drawn By:	MT
Checked By:	MT
Proj. #:	44-01-02-06-0-001-023
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/2025

Sheet Title

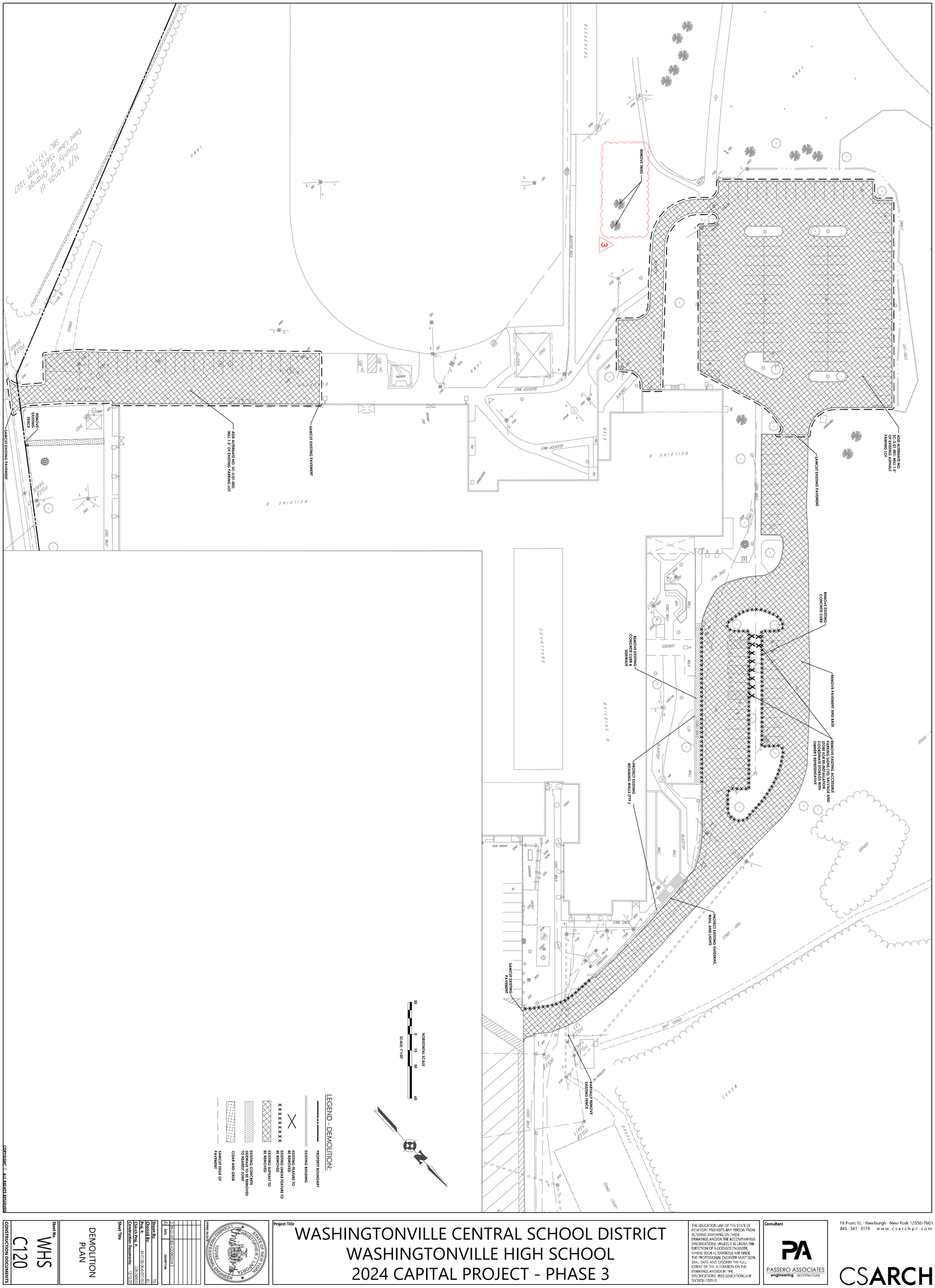
ENLARGED KITCHEN PLANS

Sheet No.

WMS P611

CONSTRUCTION DOCUMENTS

Autodesk Docs://228-2401 Washingtonville CSD 2024 Cap Project - Phase 2 and 3/243933_Washingtonville_MS_PLBG_Central_R24.rvt



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

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LICENSED PROFESSIONAL ENGINEER
CHRISTOPHER J. LAMORA
102595
STATE OF NEW YORK

Drawn By: TO
Checked By: CJL
Proj. #: 44-01-00-04-0-001-033
CSArch Proj. #: 232-24010
Construction Documents: 3/22/24

#	DATE	DESCRIPTION
1	10/23/24	BID ADDENDUM 1

Sheet Title
DEMOLITION PLAN

Sheet No.
WHS C120
CONSTRUCTION DOCUMENTS

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

CHRISTOPHER J. LAPORTA
STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER
075161
DATE ISSUED: 10/9/2024

#	DESCRIPTION	DATE
1	ADDENDUM #1	10/30/2024

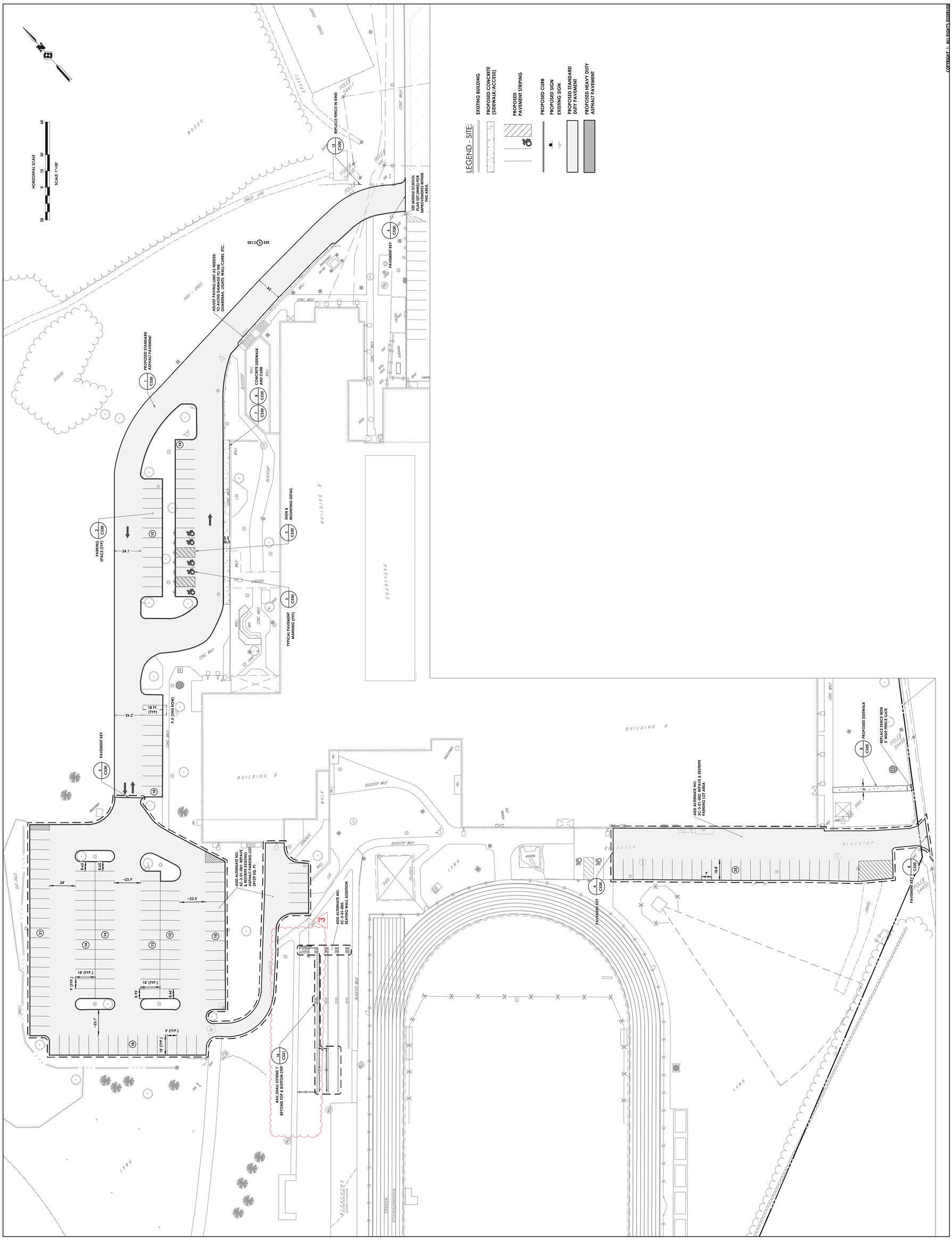
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Checked By: JN
Proj. #: 2407-0505-0407-018
Contract Pck #: 2407-018
Construction Documents: 10/30/2024

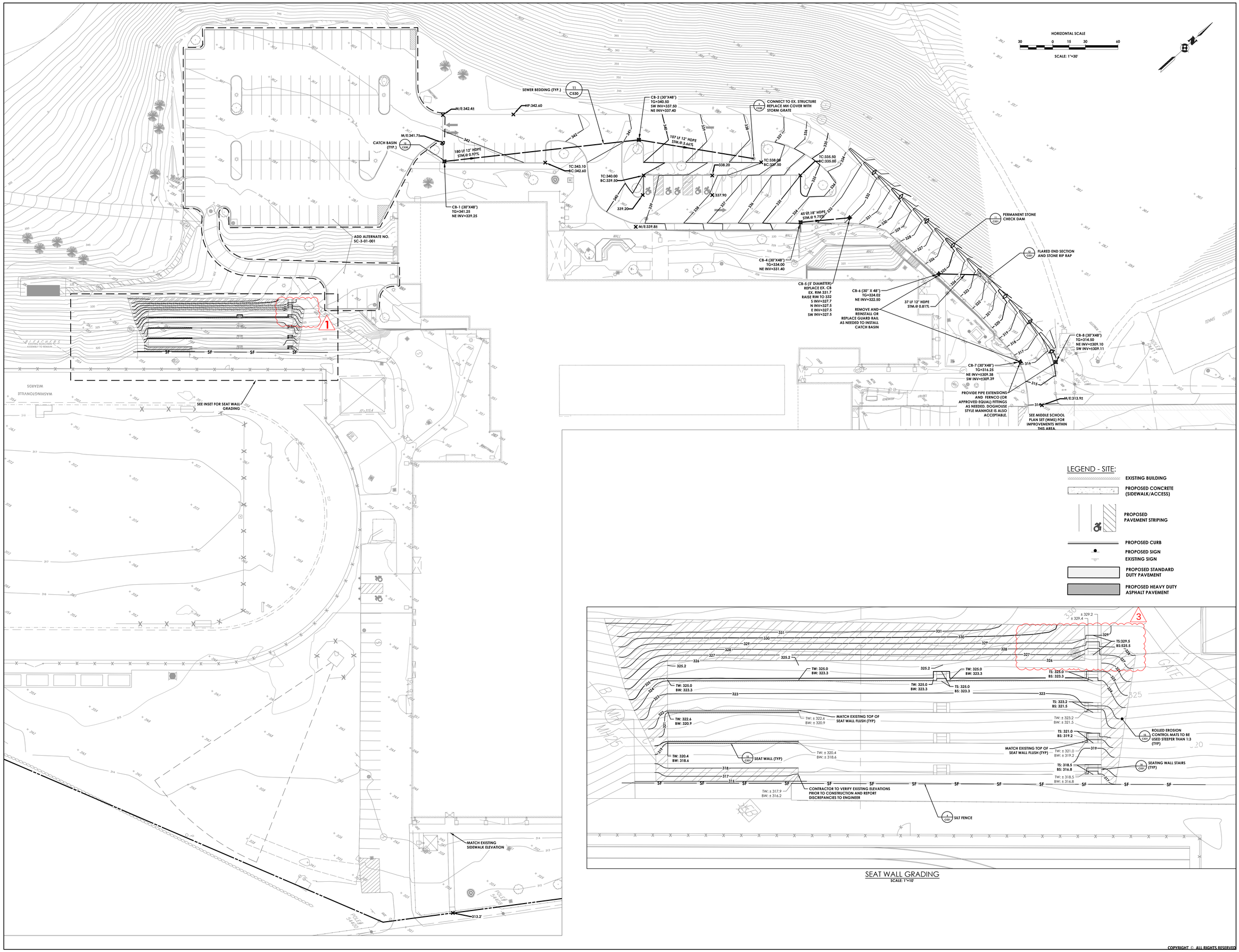
Sheet Title
SITE PLAN

Sheet No.
WHS
C130

CONSTRUCTION DOCUMENTS

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SEAT WALL GRADING
SCALE: 1"=10'

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK
CHRISTOPHER J. LAPOINTE
102592
LICENSED PROFESSIONAL ENGINEER
EXPIRES: 09/30/25

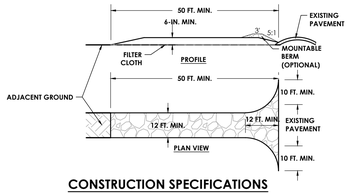
Δ	DATE	DESCRIPTION
3	10-22-25	BID ADDENDUM 3

Drawn By:	TO
Checked By:	RV
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
GRADING & DRAINAGE & EROSION AND SEDIMENT CONTROL PLAN

Sheet No.
WHS C140

CONSTRUCTION DOCUMENTS

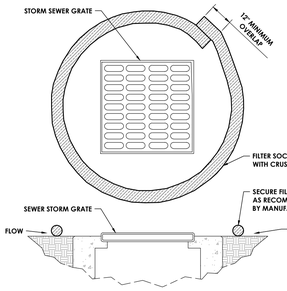


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY)
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN

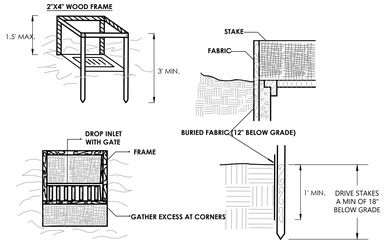
1 STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



2 INLET PROTECTION IN PAVEMENT

N.T.S.

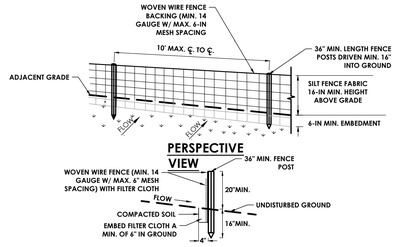


CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
7. DRAINAGE AREA TO EACH PRACTICE SHALL NOT EXCEED 1 ACRE.

3 INLET PROTECTION (FILTER FABRIC DROP)

N.T.S.

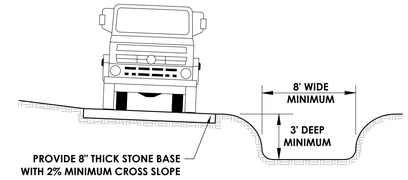


NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER- LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

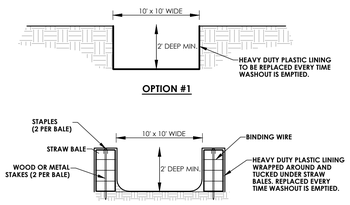
4 SILT FENCE DETAIL

N.T.S.



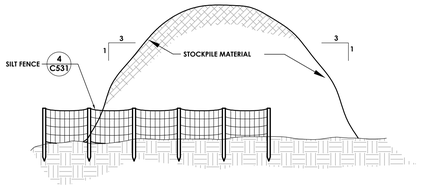
5 TRUCK WASHDOWN AREA

N.T.S.



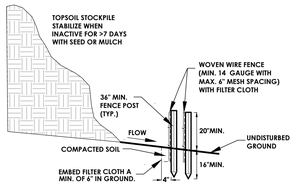
6 CONCRETE WASH OUT AREA OPTION #2

N.T.S.



7 STOCKPILE AREA DETAIL

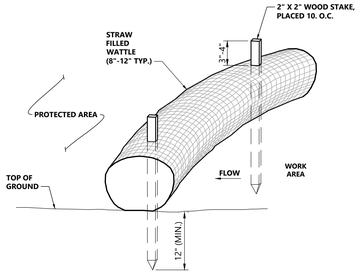
N.T.S.



SECTION VIEW

CONSTRUCTION NOTES & SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

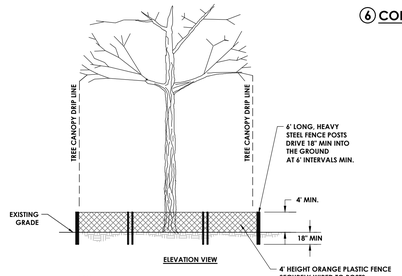


NOTES

1. STRAW WATTLE SHALL BE AS MANUFACTURED BY EARTHSAVER OR APPROVED EQUAL.
2. STRAW WATTLES SHALL OVERLAP A MINIMUM OF 12 INCHES.
3. STRAW WATTLE SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
4. TEMPORARY STRAW WATTLES TO BE REMOVED BY CONTRACTOR. ALL OTHERS TO REMAIN IN PLACE UNLESS DIRECTED OTHERWISE BY ENGINEER.
5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.
6. STRAW WATTLE MAY BE USED IN LIEU OF SILT FENCE AT ENGINEERS DISCRETION

8 STRAW WATTLE

N.T.S.

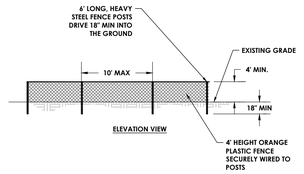


NOTES:

1. THE BARRIER SHALL BE LOCATED AT THE DRIP LINE OF THE CANOPY OF THE TREE. A MINIMUM OF 2 FEET FROM THE TRUNK OF THE TREE TO BE PROTECTED, AND SHALL BE ROUND AND CENTERED ON THE TREE.
2. ACCESS FOR WATERING SHALL BE PROVIDED AND LOCATED AWAY FROM CONSTRUCTION.

9 TREE PROTECTION DETAIL

N.T.S.

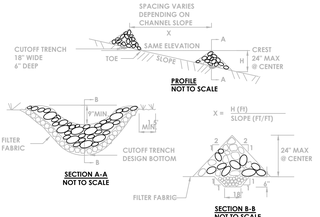


NOTES:

1. TEMPORARY CONSTRUCTION FENCING SHALL BE A MINIMUM OF 4' HIGH WITH POST SPACING AT A MAXIMUM OF 10' O.C.
2. FENCING SHALL NOT SAG WHEN INSTALLED. MATERIAL SHALL BE HIGHLY VISIBLE.

10 TEMPORARY ORANGE CONSTRUCTION FENCE

N.T.S.

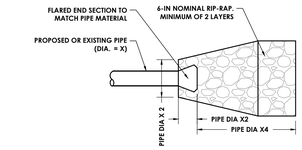


CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

11 STONE CHECK DAM

N.T.S.

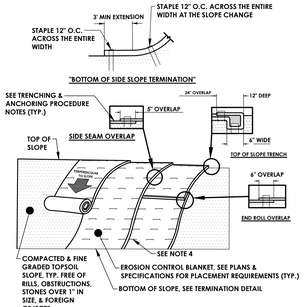


NOTES

1. RIP RAP SHALL BE PLACED ON 6" THICK BEDDING MATERIAL MEETING NYSDOT STANDARD SPECIFICATION SECTION 620 - COARSE AGGREGATE FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC MATERIAL AND THIN OR ELONGATED PARTICLES (703-02).
2. FLARED END SECTION SHALL BE CONNECTED TO PIPE PER MANUFACTURER'S RECOMMENDATIONS.

12 FLARED END SECTION AND STONE RIP-RAP DETAIL

N.T.S.



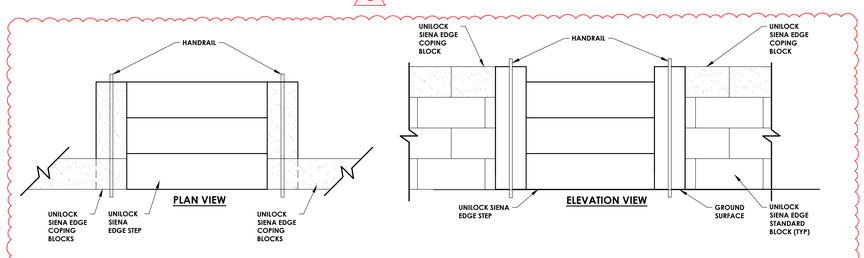
13 EROSION CONTROL BLANKET INSTALLATION DETAIL

N.T.S.

NOTES:

1. SLOPE STABILIZATION TO BE USED ON ALL CREATED OR DISTURBED SLOPES GREATER THAN 25%.
2. STABILIZE PREPARED EARTHEN SLOPE WITH A BIODEGRADABLE NATURAL FIBER NETTING.
3. APPROVED TYPES AS FOLLOWS: -S150BN - NORTH AMERICAN GREEN 1-800-772-2040 -ECS-2B - EAST COAST EROSION BLANKET 1-800-582-4005 -APPROVED EQUAL
4. ALL SLOPE RESTORATION MUST INCLUDE 4" TOPSOIL.
5. PREPARE THE SOIL SURFACE INCLUDING RAKING, SEEDING AND FERTILIZING PRIOR TO INSTALLING EROSION CONTROL NETTING.
6. AFTER NETTING IS INSTALLED, PLANT ANY PROPOSED LANDSCAPING/GROUND COVER THROUGH SLITS CUT IN FABRIC.
7. PREPARE THE TOPSOIL (SEEDBED) FIRST BY RAKING, SHAPING, FINE GRADING, COMPACTING, SEEDING & FERTILIZING THE SLOPES.
8. USE THE TRENCHING & ANCHORING PROCEDURES DETAILED HEREIN TO SECURE ANY EXPOSED MATERIAL ENDS. SECURE ALL PRODUCT OVERLAPS, OVERLAP IN THE DIRECTION OF WATER FLOW, PERPENDICULAR TO THE SLOPE.
9. KEEP EROSION CONTROL BLANKET IN SOLID CONTACT WITH THE TOPSOIL.
10. USE THE REQUIRED NUMBER OF STAPLES/STAKES TO SECURELY FASTEN THE EROSION CONTROL BLANKET TO THE SLOPE IN LOOSE SOIL CONDITIONS. THE USE OF STAPLES/STAKES LENGTHS GREATER THAN 6" MAYBE NECESSARY FOR PROPER SECURING. STAPLE PATTERNS & OVERLAPS ARE DEPENDENT ON SITE CONDITIONS & MANUFACTURER'S REQUIREMENTS. CONTRACTOR SHALL CONSULT WITH MANUFACTURER FOR ACTUAL SITE SPECIFIC REQUIREMENTS. TRENCHING & ANCHORING PROCEDURE NOTES: SIDE SEAM OVERLAP: THE EDGES OF PARALLEL BLANKETS SHALL BE STAPLED WITH A 5" OVERLAP. TOP OF SLOPE TRENCH: BEGIN AT THE TOP OF SLOPE BY ANCHORING THE EROSION CONTROL BLANKET IN A 6"D X 6"W TRENCH WITH A 12" OVERLAP EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR WITH A ROW OF STAPLES/STAKES 12" O.C. IN THE BOTTOM OF THE TRENCH. BACKFILL & COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL & FOLD THE REMAINING 12" PORTION OF THE EROSION CONTROL BLANKET BACK OVER THE SEED & COMPACTED SOIL. SECURE THE EROSION CONTROL BLANKET BACK OVER THE SEED & COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED 12" O.C. ACROSS THE ENTIRE WIDTH. END ROLL OVERLAP: CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE SHALL BE PLACED END OVER END (SINGLE-STYLE) WITH A 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREAS, 12" APART ACROSS THE ENTIRE WIDTH.

3

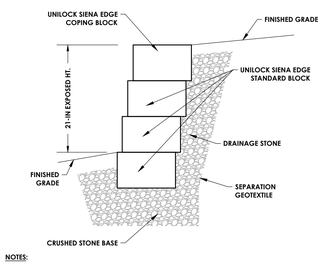


14 SEATING WALL STAIRS

N.T.S.

NOTES:

1. BASIS OF DESIGN IS SIENA EDGE MODULAR WALL BLOCKS, AS MANUFACTURED BY UNILOCK, INC. SEATING WALL AND STAIRS/RAILINGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION.
2. RAILINGS SHALL BE 1.25-INCH DIA. ALUMINUM PIPE RAILING, PRIMED AND PAINTED WITH 2 COATS OF BLACK ENAMEL PAINT SUITABLE FOR WEATHER EXPOSURE. RAILING SHALL BE ATTACHED TO THE SIENA EDGE BLOCKS (OR OTHER APPROVED PRODUCT) IN ACCORDANCE WITH UNILOCK (OR OTHER APPROVED MANUFACTURER) RECOMMENDATIONS.
3. CONTRACTOR SHALL VERIFY THE MATERIAL, FINISH, COLOR, ETC. OF ALL COMPONENTS WITH THE OWNER PRIOR TO ORDERING.
4. NUMBER OF STEPS AT EACH LOCATION PER SITE PLAN.



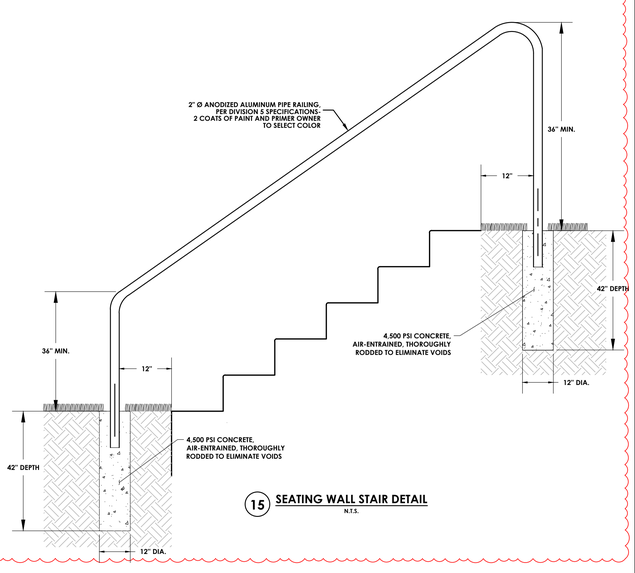
NOTES:

1. BASIS OF DESIGN IS SIENA EDGE MODULAR WALL BLOCKS, AS MANUFACTURED BY UNILOCK, INC. SEATING WALL AND STAIRS/RAILINGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION.
2. CONTRACTOR SHALL VERIFY THE MATERIAL, FINISH, COLOR, ETC. WITH THE OWNER PRIOR TO ORDERING.

15 SEATING WALL SECTION

N.T.S.

3



15 SEATING WALL STAIR DETAIL

N.T.S.

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Consultant PA PASSERO ASSOCIATES engineering architecture

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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK · CHRISTOPHER J. LAPORTA · LICENSED PROFESSIONAL ENGINEER · 102592 · EXPIRES: 01/31/27

NO.	DATE	DESCRIPTION
3	10-23-25	BID ADDENDUM 3

Drawn By:	TO
Checked By:	RV
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	12/12/25

Sheet Title
EROSION AND SEDIMENT CONTROL & SEATING WALL DETAILS

Sheet No.
WHS C531

CONSTRUCTION DOCUMENTS

SWIMMING POOL DESIGN DATA		
POOL STATISTICS	UNITS	DATA
POOL WATER SURFACE AREA	FT^2	3,415
POOL PERIMETER	FT	250.0
POOL DEPTHS (MIN./MAX.)	FT	3'-9" / 13.0
POOL VOLUME	GALLONS	208,000
CIRCULATION SYSTEM & FILTERS		
POOL TURNOVER TIME	HOUR	6.0
FILTER RECIRCULATION RATE	GAL/MIN	615
FILTER TANK METHOD	N/A	VACUUM SAND
FILTRATION RATE (MAX. DESIGN)	GPM/FT^2	15
FILTER AREA REQUIRED (MINIMUM)	FT^2	41.1
FILTER QUANTITY	N/A	1
FILTRATION AREA (ACTUAL)	FT^2	50
FILTRATION RATE (ACTUAL)	GPM/FT^2	13

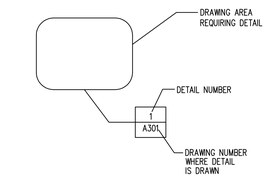
NOMINAL PIPE SIZES (ENGLISH)

ALL SWIMMING POOL PIPE SIZES AS INDICATED UPON THE DRAWINGS ARE BASED UPON THE FOLLOWING TABLE, REGARDLESS OF TYPE OF SYSTEM OR PIPING MATERIAL.

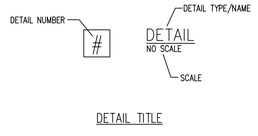
NPS (inches)	Actual O.D. (inches)	NPS (inches)	Actual O.D. (inches)
1/8	0.405	4	4.500
1/4	0.540	5	5.563
3/8	0.675	6	6.625
1/2	0.840	8	8.625
3/4	1.050	10	10.750
1	1.315	12	12.750
1-1/4	1.660	14	14.000
1-1/2	1.900	16	16.000
2	2.375	18	18.000
2-1/2	2.875	20	20.000
3	3.500	24	24.000
3-1/2	4.000		

NPS IS THE INCH-POUND DESIGNATION FOR "NOMINAL PIPE SIZE"

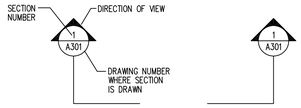
SYMBOLS



DETAIL INDICATOR



DETAIL TITLE



SECTION INDICATOR

GENERAL CONSTRUCTION NOTES

1. CONSTRUCTION SHALL CONFORM WITH THE NEW YORK STATE SANITYARY CODE, SUBPART 6-1.
2. THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH ORANGE COUNTY HEATH DEPARTMENT REQUIREMENTS AND WATER SAFETY REQUIREMENTS PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS. HOWEVER, SUCH REVIEW SHALL NOT PREVENT THE OWNER FROM REQUIRING CORRECTION OF ERRORS IN PLANS FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE. REVIEW AND APPROVAL OF PLANS DOES NOT RELEASE ANY CONTRACTOR FROM RESPONSIBILITY FOR ERRORS AND OMISSIONS ON SAID PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE DIRECTOR'S REPRESENTATIVE WITH ANY ABNORMALITIES. THE CONTRACTOR SHALL HIRE A UTILITY LOCATION SERVICE PROVIDER TO CONDUCT UTILITY MAPPING. THE CONTRACTOR (OR THEIR UTILITY LOCATION SUB-CONTRACTOR) SHALL WORK WITH ALL UTILITY COMPANIES AS NECESSARY TO SUCCESSFULLY CLEAR THE AREA MARKED. SEE SPECIFICATION NO. 023313 FOR ADDITIONAL INFORMATION.
4. ALL CONTRACTORS AND SUB-CONTRACTORS OF INDIVIDUAL TRADES SHALL HAVE THE NECESSARY EXPERIENCE AND QUALIFICATIONS TO COMPLETE ANY WORK TO BE PERFORMED ON THE PROJECT. UNQUALIFIED CONTRACTORS / INDIVIDUALS WILL NOT BE PERMITTED.
5. EXISTING CONDITIONS INFORMATION SHOWN IN THIS PLAN SET HAVE BEEN BASED ON RECORD DRAWINGS, LIMITED FIELD MEASUREMENTS, AND SITE OBSERVATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMATION OF AS-BUILT CONDITIONS THAT WILL IMPACT CONSTRUCTION.
6. THE CONTRACTOR(S) SHALL MEET THE QUALIFICATIONS LISTED IN SPECIFICATIONS AND BE RESPONSIBLE FOR THE FURNISHING AND INSTALLATION OF ALL SPECIALTY EQUIPMENT SPECIFIED UNDER DIVISION 13.
7. DURING CONSTRUCTION, AN APPROVED SET OF PLANS, PROJECT MANUAL AND ALL ADDENDUMS SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES.
8. ALL WORK SHALL COMPLY WITH NATIONAL ELECTRIC CODE SECTION 680 AND ALL BUILDING & HEALTH CODE REQUIREMENTS WHICH APPLY TO POOL CONSTRUCTION. SEE ELECTRICAL PLANS AND SPECIFICATIONS INCLUDED WITHIN THIS BID SET FOR DETAILS.
9. ALL NEWLY INSTALLED PIPING SHALL BE HYDRAULICALLY TESTED TO 40 PSI AND TEST SHALL REMAIN ON PIPES UNTIL ALL CONCRETE OR BACKFILL HAS BEEN COMPLETED FOR A 4 HOUR DURATION. PIPING SHALL BE PVC HAVING NSF-PW SEAL OF APPROVAL. ALL POOL PIPE & FITTINGS SHALL BE SCHEDULE 80 PVC UNLESS LISTED DIFFERENTLY ON SPECIFIC DETAILS.
10. ALL NEWLY INSTALLED POOL COMPONENTS INCLUDING METAL ANCHORS, GUTTERS, REBAR, AND IMBEDS SHALL BE PROPERLY BONDED PER NEC 680.
11. ALL EXPOSED PVC PIPING SHOULD BE PROPERLY IDENTIFIED ACCORDING TO NEW YORK STATE SANITARY CODE SUBPART 6-1..
12. ALL MAIN DRAIN GRATES MUST BE SECURED WITH NON CORROSIVE STAINLESS STEEL TAMPER PROOF SCREWS TO PREVENT UNWANTED REMOVAL.
13. ALL PRODUCTS SPECIFIED WITHIN THESE PROJECT DOCUMENTS HAVE UNDERGONE ORANGE COUNTY DEPARTMENT OF HEALTH REVIEW/APPROVAL. ANY CHANGES TO THE OCDOH-APPROVED PLANS MUST ALSO BE REVIEWED AND APPROVED BY OCDOH BEFORE CONSTRUCTION/INSTALLATION.
14. THE CONTRACTORS SHALL MAINTAIN SITE SECURITY AND EMPLOY ENGINEERING CONTROLS TO ENSURE A SAFE WORK ENVIRONMENT FOR THE DURATION OF THE PROJECT. ALL APPROPRIATE PPE REQUIREMENTS SHALL BE STRICTLY FOLLOWED.
15. ALL HARDWARE SUPPLIED AND INSTALLED BY CONTRACTOR IN THIS PROJECT SHALL BE 18-8 STAINLESS STEEL (IE: PUMP MOUNTING HARDWARE, PIPE FLANGE CONNECTIONS, ETC.). NO EXCEPTIONS.
16. ALL PIPE SUPPORTS SHALL BE STAINLESS STEEL (INCLUDING HARDWARE). NO EXCEPTIONS.
17. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE THROUGHOUT THE DURATION OF THE PROJECT. SEE SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.
18. ANY DAMAGE MISTAKENLY CAUSED BY THE CONTRACTOR(S) SHALL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
19. THE DESIGN, CONSTRUCTION, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE THE NEW YORK STATE SANITARY CODE SUBPART 6-1 "SWIMMING POOLS", AND NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, 9, NYCRR, SUBTITLE S, CHAPTER 1 (UNIFORM CODE).
20. THE UNDERSIGNED NEW YORK STATE REGISTERED DESIGN PROFESSIONAL CERTIFIES THAT THE POOL RENOVATION HAS BEEN DESIGNED AND IS TO BE CONSTRUCTED TO WITHSTAND ALL ANTICIPATED LOADINGS FOR BOTH THE FULL AND EMPTY CONDITIONS.
21. THE RENOVATION OF THE POOL SHALL BE UNDER THE SUPERVISION OF A NEW YORK STATE REGISTERED DESIGN PROFESSIONAL. THE REGISTERED PROFESSIONAL SHALL SUBMIT A CONSTRUCTION COMPLIANCE CERTIFICATE TO THE ORANGE COUNTY DEPARTMENT OF HEALTH STATING THAT THE CONSTRUCTION OR RENOVATION WAS COMPLETED IN CONFORMANCE WITH THE APPROVED/ACCEPTED PLANS, REPORTS, AND SPECIFICATIONS, AND THAT THE DESIGN PROFESSIONAL CERTIFIES THE STRUCTURAL STABILITY AND SAFETY OF THE POOL DURING FULL AND EMPTY CONDITIONS.
22. ANY CHANGES TO THESE PLANS SHALL RECEIVE PRIOR WRITTEN APPROVAL/ACCEPTANCE FROM THE ORANGE COUNTY DEPARTMENT OF HEALTH BEFORE CONSTRUCTION.
23. ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL/ACCEPTANCE IS LIMITED TO 5 YEARS. TIME EXTENSIONS MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON DEVELOPMENT FACTS AND ANY NEW REGULATIONS, OR GUIDANCE, IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
24. UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION (DIAL 811 OR WWW.UDIGNY.ORG).

PIPING AND COMPONENT IDENTIFICATION

1. THE CONTRACTOR SHALL FURNISH & INSTALL ALL POOL PIPING WITHIN THE POOL EQUIPMENT ROOM AS PER NYS SANITARY COD SUBPART 6-1, SECTION 9.0 RECIRCULATION SYSTEMS AND EQUIPMENT.
2. ALL EXPOSED PIPING SHOULD BE COLOR CODED IN ACCORDANCE WITH THE TABLE AS LISTED UNDER SECTION 9.4

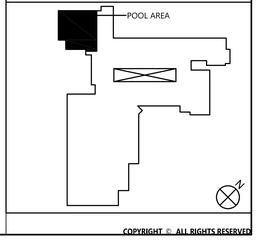
SHEET SUMMARY TABLE

SP-001 AQUATICS LEGENDS & NOTES PLANS
SP-100 AQUATICS LAYOUT PLAN
SP-200 AQUATICS DETAILS
SP-300 GUTTER DEMOLITION PLAN
SP-301 GUTTER LAYOUT PLAN
SP-302 GUTTER DETAILS
SP-303 GUTTER DETAILS II
SP-400 MECHANICAL ROOM LAYOUT PLAN

3

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KEY PLAN



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Project Title

WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

STATE OF NEW YORK
072682
LICENSED PROFESSIONAL ENGINEER

3	8/21/25	BID ADDENDUM #3
2	7/17/25	OCDOH ADDENDUM #1
1	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401.03
Construction Documents:	8/7/25

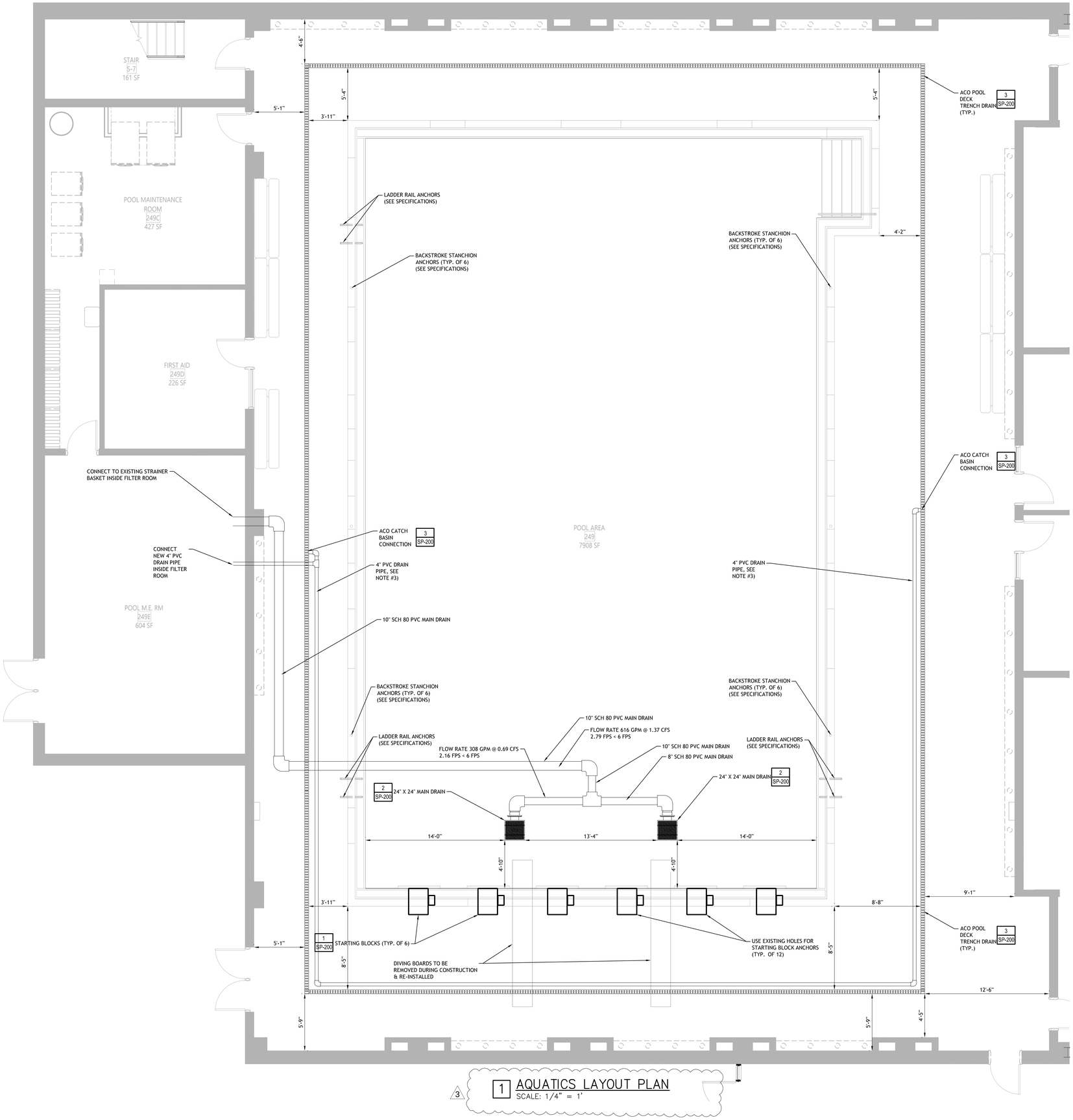
Sheet Title

AQUATICS LEGENDS & NOTES PLANS

Sheet No.

WHS SP-001

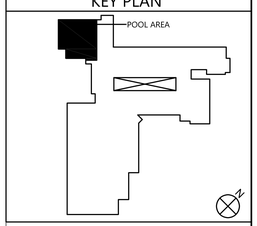
CONSTRUCTION DOCUMENTS



3 1 AQUATICS LAYOUT PLAN
SCALE: 1/4" = 1'

NOTES:
1. ALL DEMOLITION WORK ASSOCIATED WITH THE AQUATICS WORK SHALL BE SHOWN ON THE ARCH PLANS
2. LOCATION OF DEPTH MARKERS, BACKSTROKE ANCHORS, AND LADDERS SHALL BE SHOWN ON THE ARCH PLANS.
3. CONTRACTOR TO VERIFY CONDITION OF EXISTING DRAIN PIPE & PROVIDE INFORMATION TO THE ENGINEER. IF THE EXSITING PIPE IS DEEMED UNSUITABLE, THEN THE CONTRACTOR SHALL PROVIDE ADDITIONAL DEMO WORK TO INSTALL A NEW 4" DRAIN PIPE AS SHOWN ON THE PLAN (SP-100). THE 4 " DRAIN PIPE SHALL HAVE POSITIVE PITCH FROM THE RIGHT SIDE OF THE POOL CATCH BASIN CONNECTION TO THE CONNECTION INSIDE THE FILTER ROOM.

KEY PLAN



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Project Title
WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

2	8/21/25	BID ADDENDUM #3
1	7/17/25	OCDOH ADDENDUM #1
	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	44-01-02-06-0-007-033
CSArch Proj. #:	228-2401(3)
Construction Documents:	8/7/25

Sheet Title
AQUATICS LAYOUT PLAN

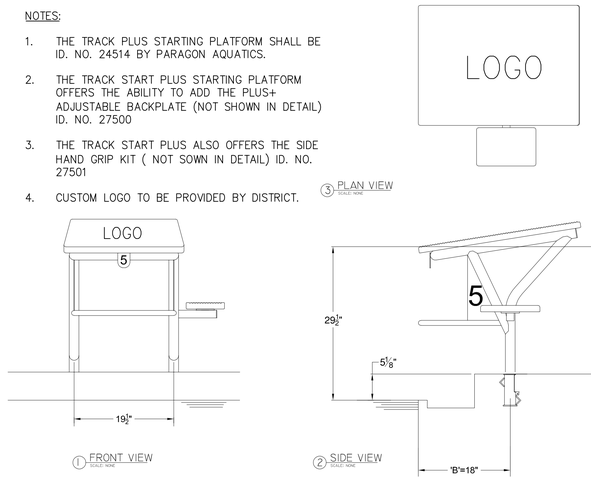
Sheet No.
WHS SP-100

CONSTRUCTION DOCUMENTS

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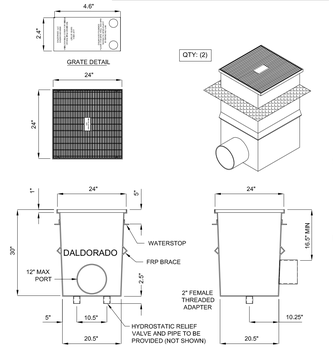
NOTES:

1. THE TRACK PLUS STARTING PLATFORM SHALL BE ID. NO. 24514 BY PARAGON AQUATICS.
2. THE TRACK START PLUS STARTING PLATFORM OFFERS THE ABILITY TO ADD THE PLUS+ ADJUSTABLE BACKPLATE (NOT SHOWN IN DETAIL) ID. NO. 27500
3. THE TRACK START PLUS ALSO OFFERS THE SIDE HAND GRIP KIT (NOT SOWN IN DETAIL) ID. NO. 27501
4. CUSTOM LOGO TO BE PROVIDED BY DISTRICT.



1 TRACK START PLUS+ STARTING BLOCK DETAIL
SCALE: N.T.S.

CERTIFIED MAXIMUM FLOW RATE:
FLOOR-1,734 GPM > 616 GPM (POOL FLOOR FLOW RATE



SUMP AND GRATE: UNBLOCKABLE SOFA CERTIFIED TO APSP/ANSI/ICC-16 2017, NSF/ANSI/CAN 50-2019, AND USPC. RPD FIELD CERTIFICATION IS NOT REQUIRED. CORROSION RESISTANT, NON-CONDUCTIVE, NON-MAGNETIC, AND REQUIRES NO BONDING.

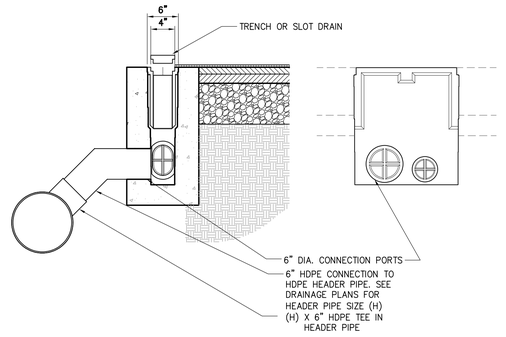
SUMP: FABRICATED WITH 8-OZ FIBERGLASS MAT AND WHITE MARINE GRADE GEL COAT (APPLIED INSIDE ONLY). A 1.5-IN FRP WATER STOP IS LOCATED 5-IN BELOW TOP LIP OF SUMP AND A 1.5-IN FRP BRACE IS APPLIED, BOTH AROUND THE OUTSIDE PERIMETER. TWO (2) 2-IN SCH-40 FEMALE THREADED ADAPTERS ARE INSTALLED STANDARD ON THE BOTTOM OF THE SUMP FOR HYDROSTATIC VALVE CONNECTION. THE MAXIMUM SIDE PORT SIZE IS 12-IN, AND PORT SIZES > 12-IN ARE PERMITTED TO BE LOCATED ON THE BOTTOM. ANY CONFIGURATION OF MULTIPLE PORTS OF ANY SIZE IS PERMITTED PROVIDED ALL SIDE PORTS ARE <= 12-IN. THE CERTIFIED MAXIMUM FLOW RATE FOR THE SOFA MUST NOT BE EXCEEDED. "DALDORADO" IS STENCILED ON THE BODY, AND MARKING REQUIRED BY STANDARDS IS IMPRINTED ON THE LEDGE. WATER STOP ON PORT, MOUNTING UNISTRUTS, AND PORT GUSSETS SHALL BE PROVIDED. PORTS SHALL BE SCH-80, TYPE SLIP COUPLING, THREADED FEMALE ADAPTER, OR FLANGE COUPLING.

GRATE: ONE (1) FLAT 24-IN X 24-IN GRATES FORMED OF UV-STABILIZED MOLDED PVC, CERTIFIED TO APSP/ANSI/ICC-16 2017, NSF/ANSI/CAN 50-2019, AND USPC. THE TOP SURFACE OF THE GRATE HAS A TEXTURED DESIGN THAT MEETS IBC FOR SLIP-RESISTANCE. GRATE SECTIONS ARE 0.20-IN (5MM) WIDE AND 1-IN (25.4MM) AVG. DEPTH FOR LOAD STRENGTH REQUIREMENTS. SPACE BETWEEN GRATE BARS DOES NOT EXCEED 0.39-IN (10MM). GRATE PROVIDES A MINIMUM 62% OPEN AREA FOR UNRESTRICTED WATER FLOW. THE MANUFACTURE DATE AND MARKING REQUIRED BY STANDARDS IS MOLDED INTO EACH GRATE.

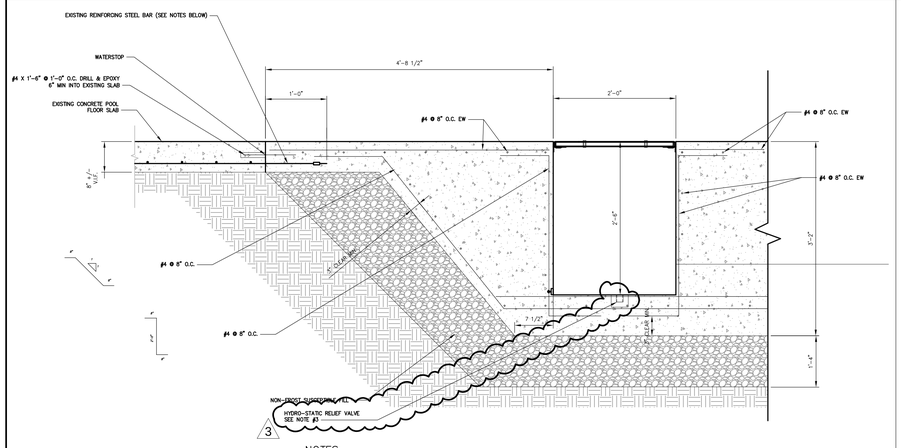
INSTALLATION: FOLLOW DALDORADO SUPPLIED INSTALLATION INSTRUCTIONS AND WARNINGS. GRATE MUST BE INSTALLED WITHIN SUMP USING ONLY THE 316 SS 1-4"-20x1.25" MACHINE SCREWS (TESTED TO APSP/ANSI/ICC-16 2017) AS SUPPLIED BY DALDORADO. NO OTHERS ARE PERMITTED.

DalMAX-SG-242430 OPTIONS	
TOTAL GPM	616
PORT CONFIGURATIONS	ANY PER NOTES ABOVE
PIPE SCHEDULE-PVC	80
MAX PORT SIZE, SIDE	12-IN
MAX PORT SIZE, BOTTOM	24-IN
GRATE COLOR	WHITE

2 MAIN DRAIN DETAIL
SCALE: N.T.S.



3 ACO DECK DRAIN DETAIL
SCALE: N.T.S.

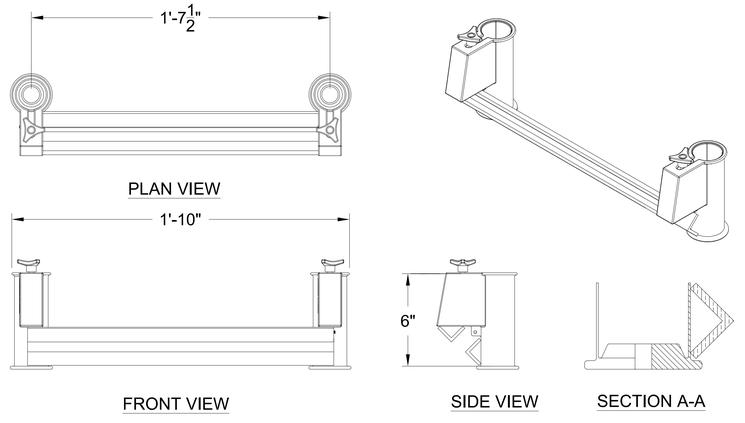


NOTES:

1. EXISTING REINFORCING STEEL IN POOL FLOOR SHALL REMAIN WITH 12" EXTENSION BEYOND THE FLOOR DEMOLITION CUT. CONTRACTOR SHALL USE THE EXISTING STEEL REBAR FOR ELECTRICAL BONDING (BOND AT 2 PLACES MINIMUM FOR EACH MAIN DRAIN). ELECTRICALLY BOND PER NEC 680.
2. CONTRACTOR SHALL PROVIDE TESTING FOR CONDUCTIVITY OF THE EXISTING BOND LOOP AND SHALL SHARE RESULTS WITH ENGINEER & OWNER.

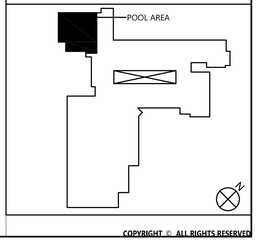
3. HYDROSTATIC RELIEF VALVE SHALL BE MODEL SP1056 AS MANUFACTURED BY HAYWARD

4 MAIN DRAIN STRUCTURAL DETAIL
SCALE: N.T.S.



6 STARTING BLOCK ANCHOR DETAIL
SCALE: N.T.S.

KEY PLAN



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WASHINGTONVILLE CENTRAL SCHOOL DISTRICT
WASHINGTONVILLE HIGH SCHOOL
2024 CAPITAL PROJECT - PHASE 3

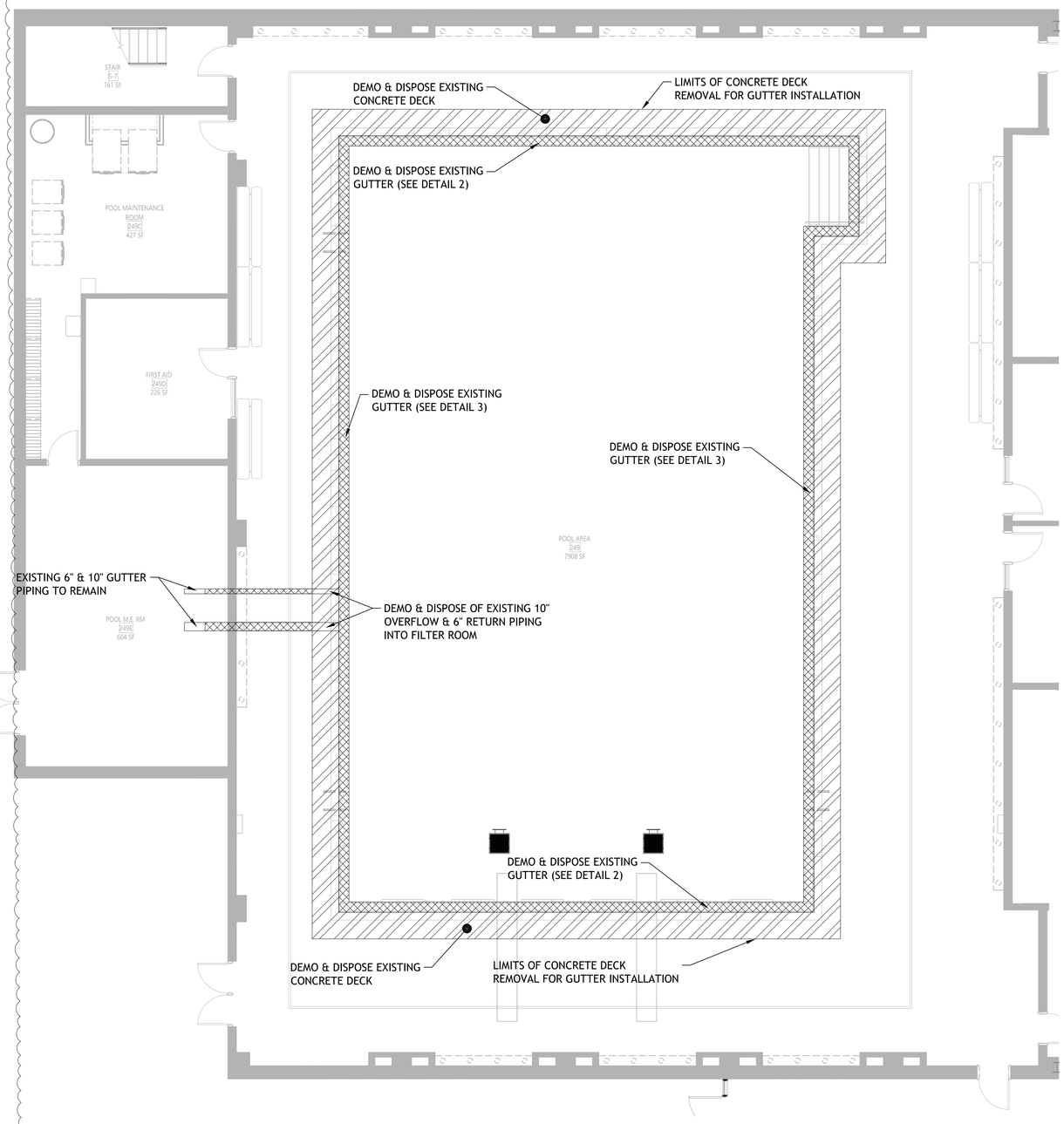
2	8/21/25	BID ADDENDUM #3
1	7/17/25	DCOH ADDENDUM #1
Δ	DATE	DESCRIPTION

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CSArch Proj. #:	228-240103
Construction Documents:	8/7/25

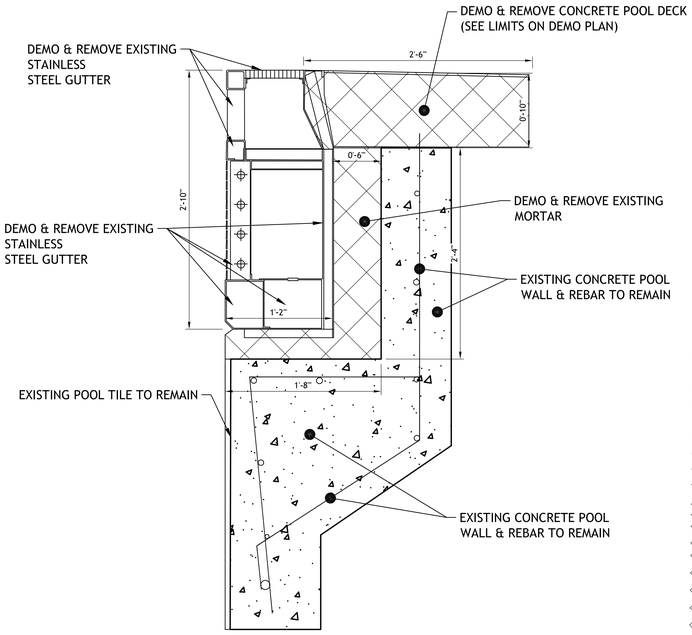
Sheet Title
AQUATICS DETAILS

Sheet No.
WHS SP-200

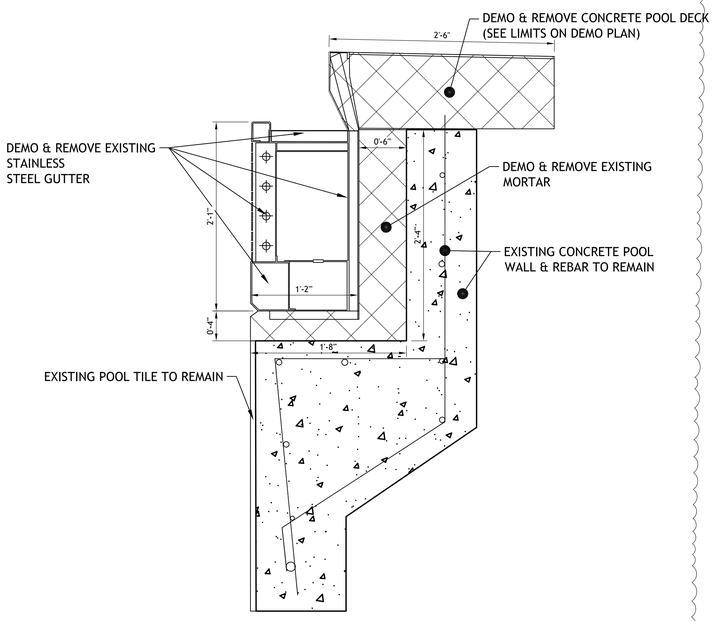
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1 POOL GUTTER DEMO PLAN
SCALE: 3/16" = 1'



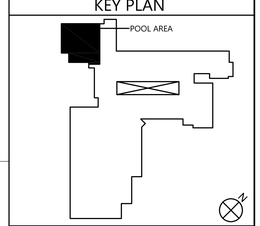
2 POOL GUTTER DEMO PLAN (COMP WALL)
SCALE: N.T.S



3 POOL GUTTER DEMO PLAN (SIDE WALL)
SCALE: N.T.S

NOTES:
1. ALL DEMOLITION WORK ASSOCIATED WITH THE AQUATICS WORK SHALL BE SHOWN ON THE ARCH PLANS
2. LOCATION OF DEPTH MARKERS, BACKSTROKE ANCHORS, AND LADDERS SHALL BE SHOWN ON THE ARCH PLANS.
3. CONTRACTOR TO VERIFY CONDITION OF EXISTING DRAIN PIPE & PROVIDE INFORMATION TO THE ENGINEER. IF THE EXSITING PIPE IS DEEMED UNSUITABLE, THEN THE CONTRACTOR SHALL PROVIDE ADDITIONAL DEMO WORK TO INSTALL A NEW 4" DRAIN PIPE AS SHOWN ON THE PLAN (SP-100). THE 4 " DRAIN PIPE SHALL HAVE POSITIVE PITCH FROM THE RIGHT SIDE OF THE POOL CATCH BASIN CONNECTION TO THE CONNECTION INSIDE THE FILTER ROOM.

KEY PLAN



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2024 CAPITAL PROJECT - PHASE 3

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1	7/17/25	OCDOH ADDENDUM #1
Δ	DATE	DESCRIPTION

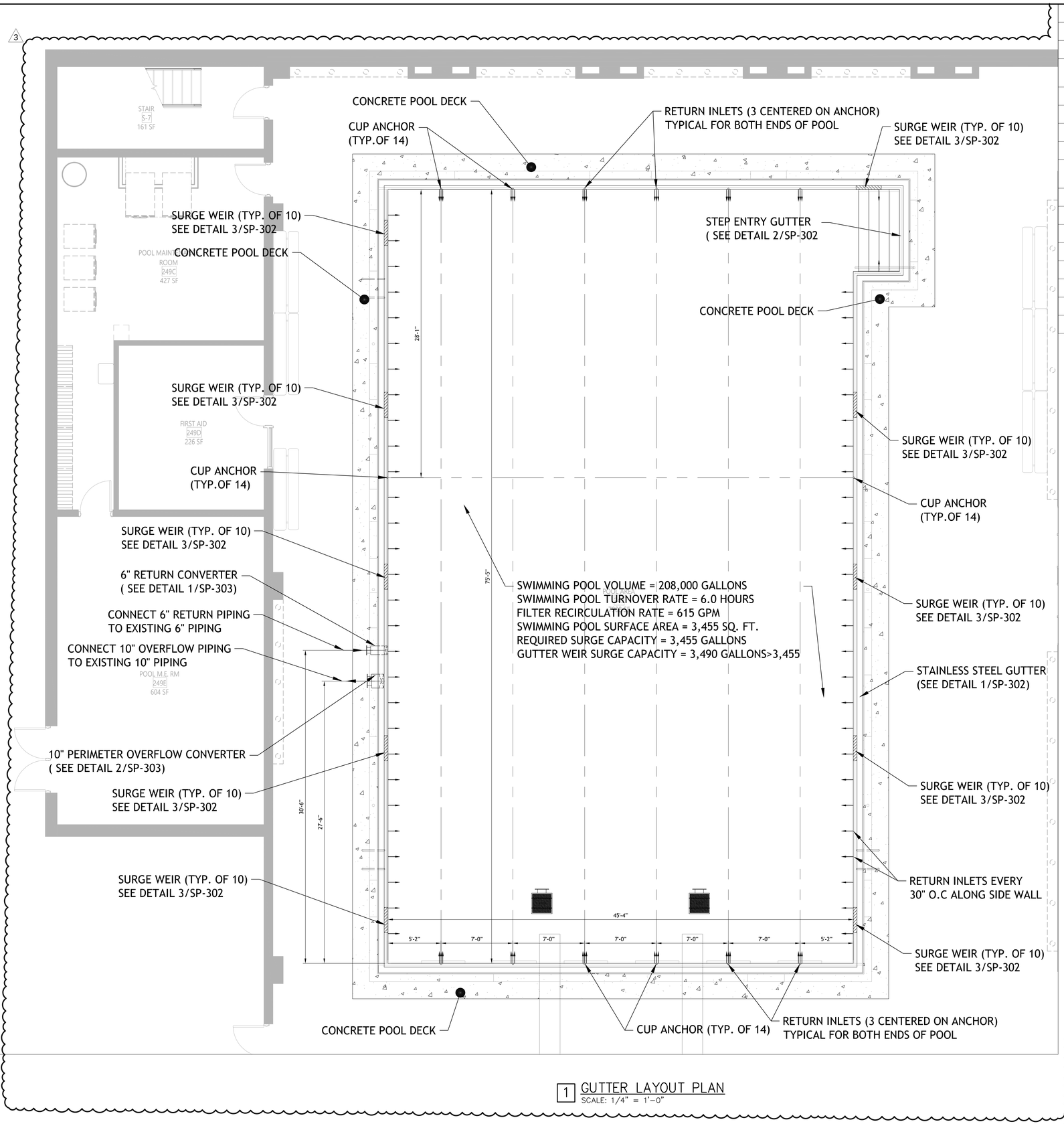
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Sheet Title
AQUATICS
GUTTER DEMO
PLAN

Sheet No.
WHS
SP-300

CONSTRUCTION DOCUMENTS

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1 GUTTER LAYOUT PLAN
SCALE: 1/4" = 1'-0"

GUTTER MATERIAL:	316L STAINLESS STEEL
GRATING COLOR:	GRAY OR WHITE HDPE
GUTTER ANCHORS:	5/8" THREADED STUD

PART DESCRIPTION	QTY
SURGE WEIR	10
CUP ANCHOR	14
PERIMETER OVERFLOW CONVERTER	1 (10")
RETURN CONVERTER	1 (6")

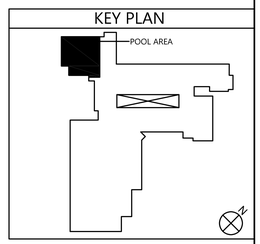
DATA CHART

RECIRCULATION RATE:	616 GPM
GUTTER SYSTEM FLOW CAP.:	1211.46 GPM
FLOW CHANNEL SURGE CAP.:	642.57 GALLONS
GUTTER PERIMETER:	250'-5 5/8"
INLET QUANTITY:	93 INLETS
NOZZLE SIZE (DIAMETER):	.375"
FLOW RATE PER NOZZLE:	6.61 GPM
NOZZLE VELOCITY:	19.21 FT/SEC

NOTES:

BONDING: GUTTER SYSTEM MUST BE BONDED IN ACCORDANCE WITH THE LATEST EDITION OF NEC ARTICLE 680 AND ALL APPLICABLE STATE AND LOCAL CODES.

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2024 CAPITAL PROJECT - PHASE 3

DATE	DESCRIPTION
8/21/25	BID ADDENDUM #3
7/17/26	OCDOH ADDENDUM #1

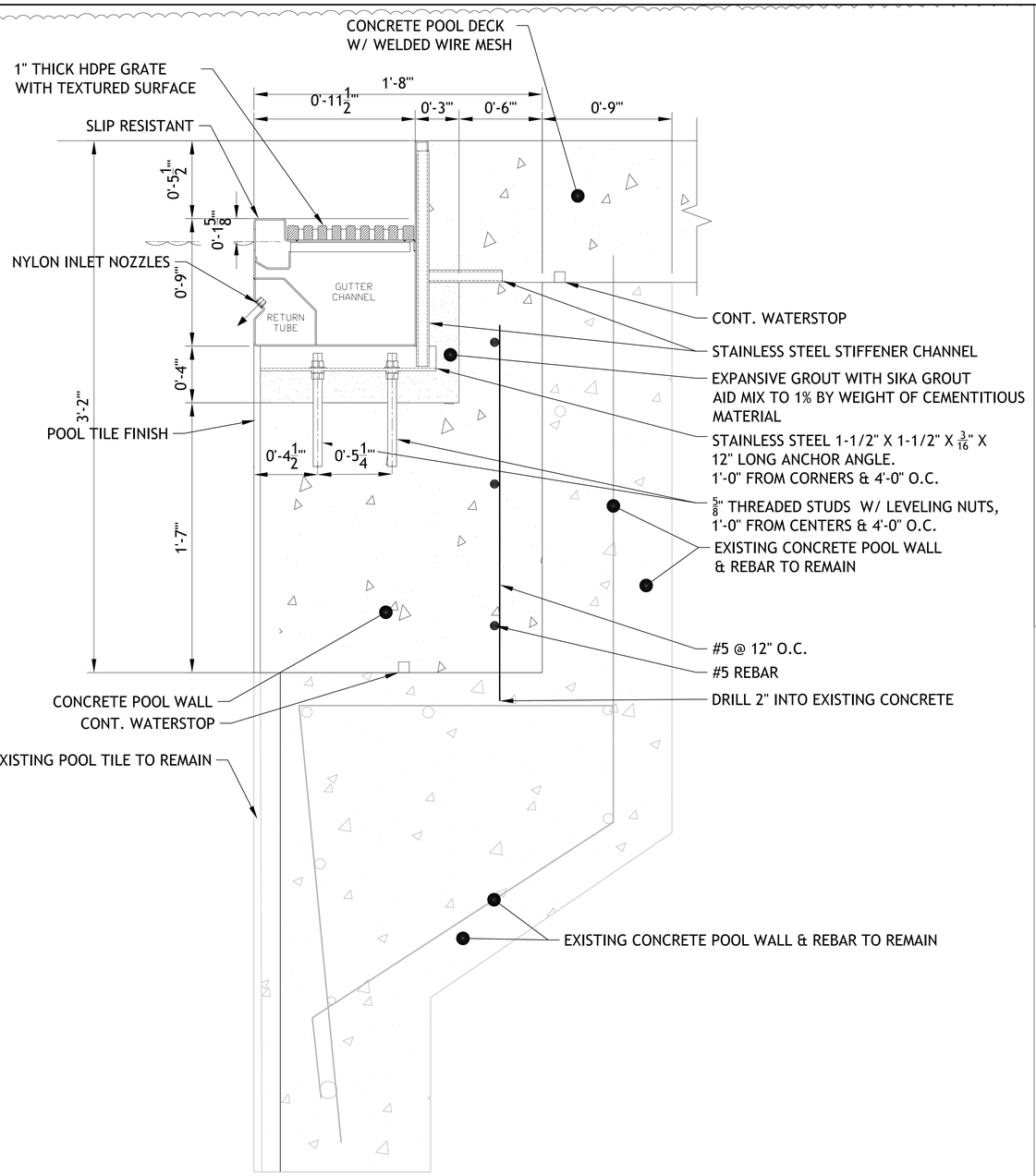
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Sheet Title
AQUATICS GUTTER LAYOUT PLAN

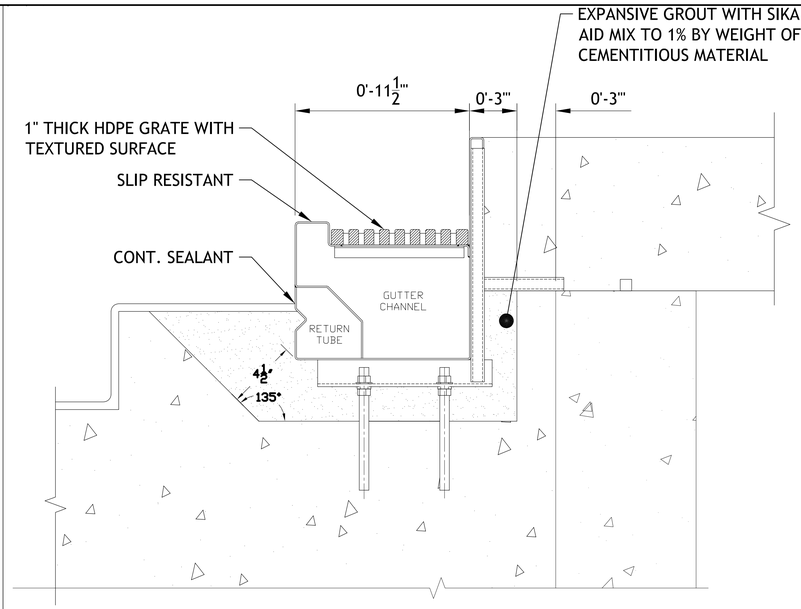
Sheet No.
WHS SP-301

CONSTRUCTION DOCUMENTS

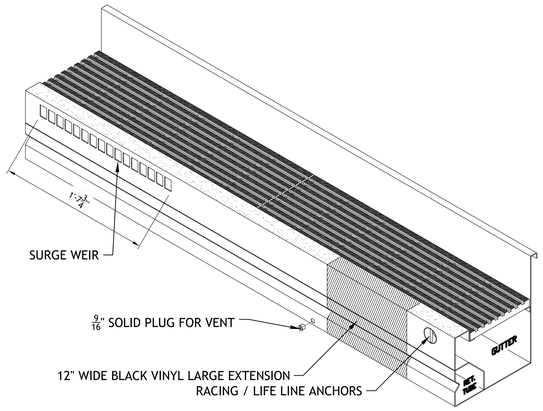
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1 GUTTER DETAIL
SCALE: N.T.S.

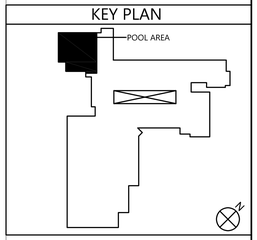


2 STEP-ENTRY GUTTER DETAIL
SCALE: N.T.S.



3 SURGE WEIR DETAIL
SCALE: N.T.S.

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2	7/7/25	DCOH ADDENDUM #1
1	DATE	DESCRIPTION

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Sheet Title
AQUATICS
GUTTER DETAILS

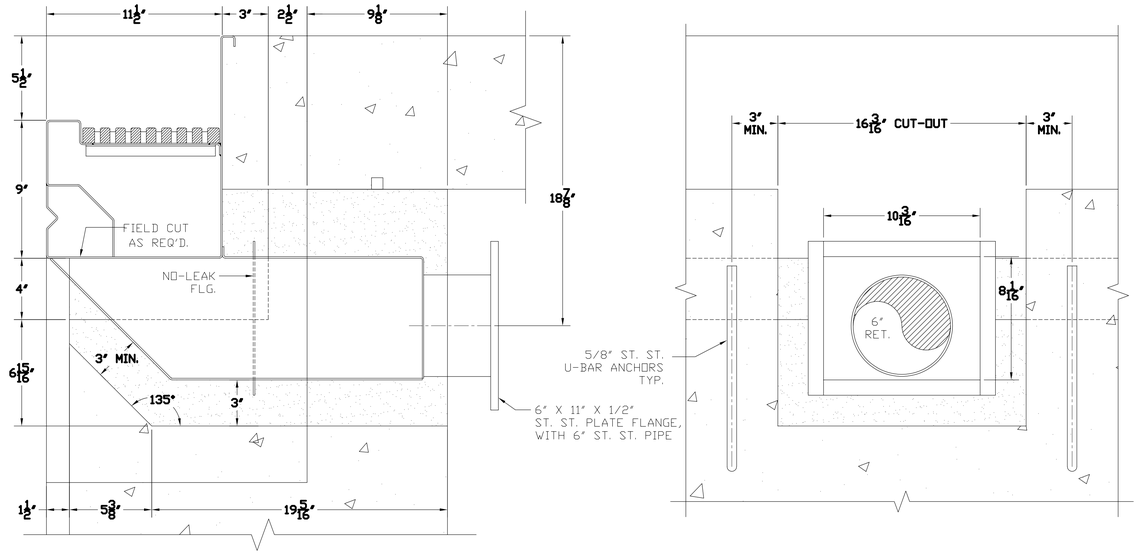
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WHS
SP-302

CONSTRUCTION DOCUMENTS

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RETURN CONVERTER BOX NOTES:

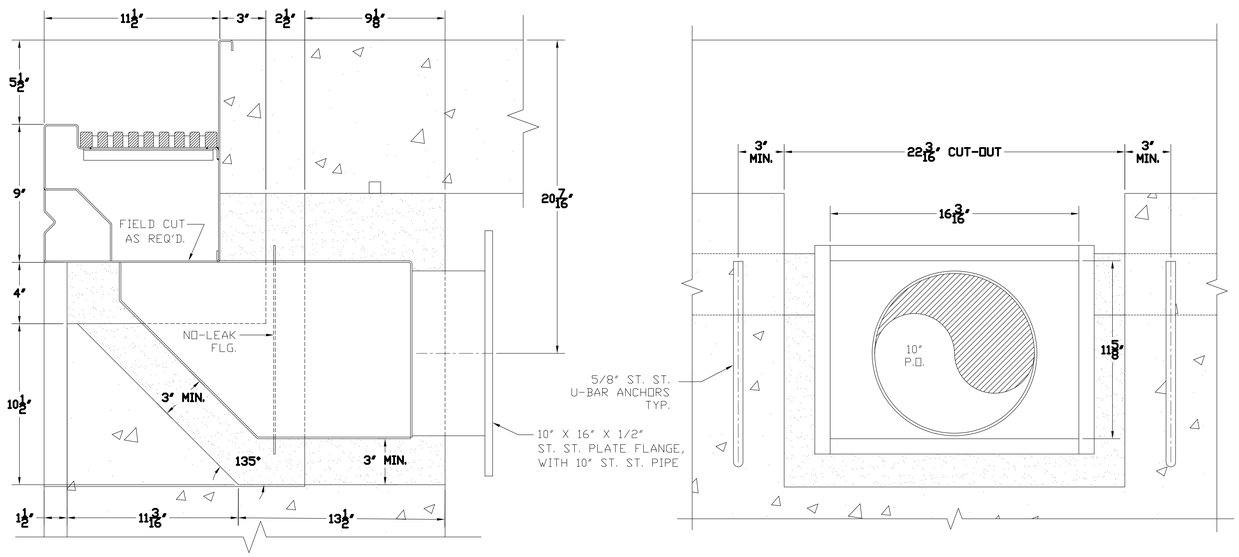
1. CONTRACTOR SHALL CONNECT NEW CONVERTER BOXES TO THE EXISTING PIPING. INSTALLATION SHALL INCLUDE A PIPE COUPLING AND HAVE A FLANGED CONNECTION WITH STAINLESS STEEL ANCHOR BOLTS.
2. ONCE INSTALLATION IS COMPLETED THE PIPE SHALL BE PRESSURE TESTED TO 30 PSI FOR 4 HOURS.



1 CONVERTER BOX DETAIL
SCALE: N.T.S.

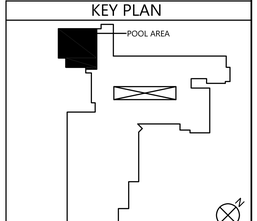
OVERFLOW CONVERTER BOX NOTES:

1. CONTRACTOR SHALL CONNECT NEW CONVERTER BOXES TO THE EXISTING PIPING. INSTALLATION SHALL INCLUDE A PIPE COUPLING AND HAVE A FLANGED CONNECTION WITH STAINLESS STEEL ANCHOR BOLTS.
2. ONCE INSTALLATION IS COMPLETED THE PIPE SHALL BE PRESSURE TESTED TO 30 PSI FOR 4 HOURS.



2 PERIMETER OVERFLOW DETAIL
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Sheet Title
AQUATICS GUTTER DETAILS

Sheet No.
WHS SP-303

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