WHITE PLAINS CITY SCHOOL DISTRICT

RENOVATIONS AT ROCHAMBEAU ALTERNATIVE HIGH SCHOOL
SED Control Number: 66-22-00-01-0-015-020

CONTRACT G – GENERAL CONSTRUCTION WORK
CONTRACT W- WINDOW REPLACEMENT
CONTRACT P – PLUMBING WORK
CONTRACT M – HEATING, VENTILATION, AND AIR CONDITIONING
CONTRACT E – ELECTRICAL WORK

WESTCHESTER COUNTY, NEW YORK

NOTE: *This clarification forms a part of the contract documents for the above project and must be acknowledged in the plans and specifications. Attach it to the inside front cover of each of the specifications.*

RFI questions are represented in italics, **our responses are represented in bold text.**

CLARIFICATION TO PROJECT:

1. **Bid opening time is re-scheduled to be 2:30 PM on Wednesday June 25, 2025.**

2. *[On A200.00] Note 11 indicates the following: "Rake out existing Joint between stone coping, fascia, sill, base, Pediment and brick to a min depth of 1 inch. Furnish and install new mortar joint to match existing stone. All stone surfaces to be sealed at completion of repointing. Skyward facing joints pointed with sealant."*
   - *Currently, there are no notes on the elevations indicating which building components/elements are to be included in this scope, so it is impossible for us to properly price the stone repointing without clear distinction on the drawings for quantity to be included.* **This particular scope of work is at the joints at the window stone sills only. Single wide windows do not have joints but any window system, 2 units or more, have joints in the window stone sills. See photo attached for reference.**
   - *The masons we have spoken with have also requested repointing details.* **Typical repointing elevation added to sheet A501. Note 11 on A200-A202 delineates the scope of work for the repointing.**

3. *Symbols legend on building elevations indicates a hash symbol for "Brick/Stone area to be repointed, see key note 1" however, this hash/symbol does not appear anywhere on the elevations. If this hash/symbol was used for all areas that are to be included in the Note 11 scope, this would allow us to accurately price and define this work scope.* **Symbol removed from legend. See item 1 for repointing clarification.**

4. *The addendum indicates that the skylight work is to be in Contract W, however, Alternate shown for Contract G on PB-G-2 ALT-G2 "Provide all labor and materials associated with the removal and replacements of the skylights above the gymnasium" Please clarify.* **Skylights are to be Contract G. In the previous addendum it was inadvertently written as Contract W. Refer to Contract G's proposal sheets where we are requesting add-alt for skylights.**

5. *On Drawings ED101, ED102 and ED103 there is a bold 5 in a square box in Coat Rooms #203A, 204A, 206A, 223A, 224A, 225A, 226A, 121A, 301A, 304A, 306C, 322A AND 323A which directs that are to disconnect, remove and make safe any unused TVs, Projectors, IT Equipment etc…."; please confirm that such equipment does in fact exist in each of the Coat Rooms? And whenever this equipment is present are we to remove the same and deliver it to the Owner? Same question applies to ADA Restrooms #313B, 317A and 317B.* **The Key Note states any "UNUSED" Televisions Projectors, IT equipment, Etc. This note in the Coat Rooms and Restrooms covers the removal of any conduit, wiring and cables that is associated with the equipment in the other rooms. Coordinate the removals with the owner as to what equipment they would like to keep.**

6. *Please advise what the last day is that we are allowed to submit RFIs?* **June 18, 2025**

7. *On Drawing E100 dated 6/13/25, Addendum #3, the new 800A Main Disconnect Switch and TRANS-S CT Cabinet were relocated to the existing Storage Room #B20, however, the latest Drawing E110, also dated 6/13/25, still shows the incoming secondary service feeder entering the building where it was originally shown and not at the point outside the existing Storage Room #B20; can we assume that the new point of entry should be into this Storage Room?* **The new electric service is indicated to enter the pipe tunnel and noted to be encased in 2" of concrete on the one-line diagram. This is so it does not have to cross the stairs and walkway, plus there is a change in elevation.**

8. *On Drawing ED101 in Classroom #105 there is no existing floor-mounted Unit Ventilator indicated for demolition, however, in that same Classroom on Drawing E101 we are directed to "…modify/extend existing…wiring/raceway that fed existing floor mounted unit vent…". Please clarify the actual requirement.* **Drawing E101.00: Run new circuit (2 #12, 1#12 G., 3/4" C.) for UV-5 from spare 1P-20A circuit breaker #25 in new panel 'AC3'**

9. *Ditto Above in Classrooms #202, #203, #204 and #206 on Drawings ED102 & E102.*
   ED 102.00: Classroom 202 – Two floor mounted unit vents to be disconnected according to Key Note #1.
   Computer Lab 203 – No unit vent to be disconnected.
   Classroom 204 – One floor mounted unit vent to be disconnected according to Key Note #1.
   Classroom 206 – One floor mounted unit vent to be disconnected according to Key Note #1.
   E 102.00: Classroom 202 – New unit vent UV-13 to be fed from one of the existing UV circuit according to Key Note #1.
   Computer Lab 203 – New unit vent UV-14 to be fed from one of the existing UV circuit in Classroom 202 according to Key Note #1.
   Classroom 206 – New unit vent UV-16 to be fed from the existing UV circuit in this classroom according to Key Note #1.

10. *Ditto Above in Classroom #313 and Coat room #326A on Drawings ED103 & E103.*
    ED 103.00: Classroom 313 – No unit vent to be disconnected.
    Coat Room 326A - 313 – No unit vent to be disconnected.
    E103.00: Classroom 313 - Run new circuit (2 #12, 1#12 G., 3/4" C.) for UV-32 from spare 1P-20A circuit breaker #27 in new panel 'AC3'
    Classroom 326 - Run new circuit (2 #12, 1#12 G., 3/4" C.) for UV-28 from spare 1P-20A circuit breaker #22 in new panel 'AC3'

11. *There is a spec 095113 for the ceilings, Armstrong #1911 is specified, is that ACT#1 and ACT#2 the Calla ceiling tile?* **Armstrong #1911 or approved equal is for ACT #1. Armstrong Clean Room VL or approved equal is for ACT#2. Armstrong Calla or approved equal is for ACT#3.**

12. *There is also reference to Clean Room Grid system- which ceiling type is to get that?* **For toilet rooms, the contractor shall provide Armstrong Clean Room VL or approved equal.**

13. *For ACT#3 called out on sheet A123, are they to be WHITE? Didn't see a specification on it.* **The colors will be a variation of white, grey, and orange.**

14. *SK-1 Art Room Sink is a custom sink. Elkay needs a sketch before they will provide a price according to our supplier. Please advise.* **Cut-sheet of sink attached to this addendum.**

15. *Considering that there are acid neutralizers under the lab sinks in Room 322 is the glass acid waste piping required downstream of the neutralizers?* **No neutralizers are required since there will be no chemicals in this room. There are sediment traps under the sinks. See revised plumbing drawings in this addendum.**

ADDENDUM NO. 4
WHITE PLAINS CITY SCHOOL DISTRICT
RENOVATIONS AT ROCHAMBEAU ALTERNATIVE HIGH SCHOOL
SED Control Number: 66-22-00-01-0-015-020
JUNE 2025

CLARIFICATION TO SPECIFICATIONS:

1. Revised Special Provisions attached.

CLARIFICATION TO DRAWINGS:

1. Remove A 200.00 SOUTH & WEST ELEVATIONS and replace with A 200.00 SOUTH & WEST ELEVATIONS. Brick repointing hatch removed from legend. Note 11 on General Notes has been revised.

2. Remove A 201.00 NORTH & EAST ELEVATIONS and replace with A 201.00 NORTH & EAST ELEVATIONS. Brick repointing hatch removed from legend. Note 11 on General Notes has been revised.

3. Remove A 202.00 WEST & EAST SIDE ELEVATIONS and replace with A 202.00 WEST & EAST SIDE ELEVATIONS. Brick repointing hatch removed from legend. Note 11 on General Notes has been revised.

4. Remove A 501.00 SKYLIGHT AND MISCELLANEOUS DETAILS and replace with A 501.00 SKYLIGHT AND MISCELLANEOUS DETAILS. Window Sill Re-Pointing Detail added to sheet.

5. Remove P001.01 PLUMBING GENERAL NOTES, LEGEND, ABBREVIATIONS, SCHEDULES, AND DETAILS and replace with P001.01 PLUMBING GENERAL NOTES, LEGEND, ABBREVIATIONS, SCHEDULES, AND DETAILS. Interceptor schedule revised.

6. Remove P100.01 PLUMBING ENLARGEMENT PLANS AND RISERS and replace with P100.01 PLUMBING ENLARGEMENT PLANS AND RISERS. Key Plumbing Notes revised.

End of Addendum No. 4

SPECIAL PROVISIONS

These Special Provisions are in addition to the Drawings, Specifications and the other Contract Documents and shall be part of the Agreement between the Owner and the Contractor. All references to "This Prime Contractor", "This Contractor" or "Contractor" refer to the **General Contractor, Mechanical Contractor, Plumbing Contractor, Electrical Contractor and Window Contractor.** In cases of contradictions, the most stringent provision shall govern.

General Requirements for Each Prime Contractor

I. General

1. All dates and durations defined herein shall be in business days.
2. Except for the basic building permit, each Prime Contractor's price shall include all fees and other costs for securing and maintaining (by the Prime Contractors or their subcontractors) for the life of the Project; all permits, PE licenses, connection fees, inspections, etc., applicable to, or customarily secured for the Work. This provision includes any applications and/or permits to be issued by utility companies in the name of the Prime Contractor, or the Owner, as required for the Work. Originals of all permits are to be issued in the name of the Prime Contractor as required for the Work. The Prime Contractor shall furnish the Construction Manager with original copies of all permits prior to the commencement of the Work, and, shall prominently display a copy of all permits at a location agreed to with the Construction Manager.
3. One week after Notice of Award (NOA), each Prime Contractor shall provide two copies of a videotaped recording of all existing conditions to the Construction Manager. This taping shall provide a record of all-existing buildings, grounds, exterior conditions and interior conditions. The Contractor shall schedule a representative of both the Owner and the Construction Manager to be present at this taping. In the absence of this record, the Prime Contractor shall be responsible for paying the costs associated with any and all repairs or replacements of existing materials and/ or conditions that were damaged in an area where the Prime Contractor is working or has worked, as may be deemed necessary by the Owner or the Construction Manager.
4. Each Prime Contractor is responsible for providing the required mock-ups defined by the Contract Documents out of sequence as needed by the Architect.
5. Each Prime Contractor is required to schedule Pre-Installation Meeting for various installations, such as but not limited to Rain Screen system, Roofing, etc. prior to the installations. Representatives of the Contractor, their sub-contractor for installation, the manufacturer, Architect, Owner and Construction Manager must be in attendance at the meeting.
6. Each Prime Contractor is responsible for providing all required Engineered material calculations as defined by the Contract Documents.
7. Each Prime Contractor shall provide drinking water for his own employees.
8. <u>On Site Communications.</u> Each Prime Contractor shall provide, or otherwise see that, the project manager, or site managers, and/or responsible workers of each Prime Contractor and major

subcontractor are equipped with cellular phones for the purpose of staying in contact with the Construction Manager.

9. Each Prime Contractor shall include in his base price the cost of all rigging and equipment required for the performance and installation of the Work.
10. Each Prime Contractor shall cooperate with Separate Contractors for the performance of any separate contracts that the White Plains City School District may award.

II. Schedule

1. All Contractors are to recognize that the Project Schedule is of critical importance to the Owner. All aspects of construction must reflect a 'time is of the essence' construction strategy. The attached 'Bid Schedules' serves as a guide of critical milestone dates to the Project. Failure to meet intermediate milestone dates will jeopardize the overall Project Schedule. This failure will mandate Contractor(s) to, increase staff, work overtime, or use other means to recover time, at the costs of those Contractor(s) responsible for such delays. In addition, all costs due to delays in completion of the Work, which require additional Custodial Overtime, Construction Management services, Architectural services, and Engineering services beyond the Work duration in the Bid Schedule, shall be borne by Contractor(s) responsible for delays.

2. Each Contractor, prior to being awarded the contract shall prepare and submit a Preliminary Master Project Schedule for their Work. **Within three (3) weeks of NTP all Prime Contractors will provide a coordinated Draft master schedule**. Each Prime's Project Schedule are to reflect all requirements for submittals, material and equipment procurement, material stockpiling, setting up Contractor's staging area and surveying of existing conditions. These Schedules, reflecting the critical milestone dates established by the 'Bid Schedule' in the "**Key Milestone Dates/Construction Schedule"**, are to be coordinated and shall be inclusive of other Prime Contractor's activity. The "Final" agreed upon overall schedule of work shall be developed and maintained by the Prime Contractor for General Construction in conjunction with the Construction Manager utilizing each Prime Contractor's Preliminary and updated Schedule(s). Specific relationships between Contractors, sequencing of activities, phasing, and critical "ties" of coordinated Work must be detailed on the Project Schedule. All Contractors shall utilize "Sure Track Project Manager 3.0-" as produced by Primavera Systems, Inc., -or- equal platform producing Gant Style Scheduling.

3. All Prime Contractors shall review the completed "Final" detailed construction schedule and acknowledge their acceptance of this schedule by signing a copy to be kept on record by the Construction Manager. **This agreed upon schedule must incorporate all milestone dates and shall be established within five (5) weeks of Notice of Award.**
4. The Prime Contractor for General Construction shall update the detailed construction schedule with the Construction Manager and issue copies to the other Prime Contractors, the Owner, Construction Manager, and the Architect monthly. Each Prime Contractor shall provide the Prime Contractor for General Construction with all information necessary to provide these updates.
5. Each Prime Contractor is to submit a schedule of projected fabrication on long lead items (items requiring four weeks and over to fabricate) three weeks after Notice of Award. Progress/Status reports

on fabrication to be submitted to the Construction Manager every two weeks. 'Rate of Change' chart and marked up shop drawings to be included in these reports.

6. The Prime Contractors shall be responsible for coordinating and expediting their fabrication and delivery schedules and keeping the Construction Manager informed as to their progress and their anticipated ability to stay on schedule. Should it become necessary (in the opinion of the Construction Manager) to supplement the Prime Contractor's expediting efforts in order to maintain job progress, the Construction Manager may elect to charge all costs incurred to said Prime Contractor.
7. In the event that Owner makes special arrangements to open a building at the request of a Contractor, the Prime Contractor shall pay the Owner all costs incurred. All parties agree that any action taken to enforce this requirement shall not be construed by any Prime Contractor or its subcontractors/suppliers, as a reason for a claim (for either time or money) for delay to the Work or to the Prime Contractor, its subcontractors, or suppliers.
8. The Owner shall take partial occupancy of the building additions and renovated spaces in accordance with the dates established by the Bid Schedule and the Special Provisions. The Contractors shall perform all Work necessary to maintain the Owner's move-in and occupancy schedule.
9. The Contractors shall include in their base price, all out of sequence Work and any Work required to be performed during overtime hours or non-working hours necessary to maintain the Master Schedule, the Prime Contractors' project schedule, and, the Owner's move-in schedule.

Milestone Requirements

Submittal Priorities

The following submittal dates (in calendar days) are critical to allow for proper fabrication timeframes to ensure timely completion of the project to meet the Key Milestone Date/Construction Schedule. A complete listing of all submittal requirements is located in "Section 01300 Submissions", which shall be accompanied by each division's specific submittal requirements.

Major General Construction Submittals

Scaffolding and/or Stair tower-(may require PE Stamp)	15 days from Notice to Proceed
Bracing/Shoring-(may require PE Stamp)	15 days from Notice to Proceed
Foundation Shop Drawings	15 days from Notice to Proceed
Rebar/Reinforcing Shop Drawings	15 days from Notice to Proceed
Structural Steel/Decking	15 days from Notice to Proceed
Masonry Submittals/Shop Drawings	15 days from Notice to Proceed
Stormwater/Sanitary	15 days from Notice to Proceed
Doors/Hardware	15 days from Notice to Proceed
Windows/Openings	15 days from Notice to Proceed
Storefront	15 days from Notice to Proceed
Waterproofing	15 days from Notice to Proceed
Louvers	15 days from Notice to Proceed
Interior Finishes	20 days from Notice to Proceed
Display Cases/Cabinets/ Equipment	20 days from Notice to Proceed
Casework	20 days from Notice to Proceed

All remaining Submittals with-in	**20 days from Notice to Proceed**

Major Roofing Construction Submittals

Roofing/Tapered Shop Drawings	10 days from Notice to Proceed
Roofing	10 days from Notice to Proceed
Mechanical Curbs	10 days from Notice to Proceed
Misc. Structural Steel	15 days from Notice to Proceed
All remaining Submittal with-in	**20 days from Notice to Proceed**

Major Plumbing Equipment

Plumbing Equipment	15 days from Notice to Proceed
Plumbing Fixtures	15 days from Notice to Proceed
Sprinkler Piping, Accessories, and Equipment	15 days from Notice to Proceed
All remaining Submittals with-in	**20 days from Notice to Proceed**

Major HVAC Equipment

Duct Work	15 days from Notice to Proceed
Equipment	20 days from Notice to Proceed
Controls	20 days from Notice to Proceed
Hot/Chilled Piping and Enclosures	20 days from Notice to Proceed
All remaining Submittals with-in	**20 days from Notice to Proceed**

Major Electrical Equipment

Service Equipment	15 days from Notice to Proceed
Fire Alarm	15 days from Notice to Proceed
Public Address/Intercom	15 days from Notice to Proceed
Security	15 days from Notice to Proceed
Technology	15 days from Notice to Proceed
Light Fixtures	15 days from Notice to Proceed
All remaining Submittal with-in	**20 days from Notice to Proceed**

Construction Milestones

All Prime Contractors

Special consideration should be made to the requirements of the project schedule noted below in the Key Milestone Dates/Construction Schedule. Prime Contractors will be required to staff each contract to meet the milestone dates indicated below and/or in the contract bid schedule. All costs should be included in the bid for working multiple shifts, nights, weekends, and holidays to complete each phase of the project.

Time frames indicated show milestone dates required to be met by all Prime Contractors. These areas, once completed, will be punch-listed and given partial occupancy for the Owner to occupy. Occupying these areas is critical to the Owner. If said dates are not met Liquidated Damages may be assessed and back-charged to the responsible Contractor**.**

Key Milestone Dates/Construction Schedule

- Bidding and Award of Contracts
  - Bid Period May 28, 2025 – June 25, 2025
  - Last Day to Submit RFI: Wednesday, June 18, 2025 @ 4:00pm
  - Bid Opening: Wednesday, June 25, 2025
    - Ed House 5 Homeside Lane, White Plains, NY 10605
  - Bid Qualification Review and Scoping Review Meetings June 26 – July 18, 2025
  - BOE Award August 4, 2025.

- Contractor access in schools to perform investigations and measurements
  - After School Hours
  - Holidays / Recess

    School Calendar for the School Year 2025-2026 to be provided when it is available
- Last day of Classes Friday, June 27, 2025
  Friday, June 26, 2026
- Abatement
  - Needs to be scheduled over school vacation breaks and coordinated with the White Plains City School District
  - Clearance and Demobilizations must be prior to the school being reoccupied
- Construction Start TBD (Specific start date to be determined with the awarded contractors and a comprehensive construction schedule)

  Commence construction during the school year 2025-2026
  - Relocate 3 Classrooms during the school year for a period of one month to renovate rooms including the installation of AC units, Contractors to confirm renovation can be performed in the one month time frame or if additional time will be required to complete the room,
    - All work will not be able to be completed during the one month time frame, items such as but not limited to, chase for electrical and refrigerant lines and removal of UV and closure of the UV opening and installation of the casework where the UV was located will need to be scheduled for the summer of 2026 or during school breaks.
    - Allow one week after the 3 classrooms are complete for school to move back into the renovated classrooms before commencing the next set of 3 classrooms to renovate.
    - There is a possibility the chase can be started provided there is a removable panel installed so that refrigeration lines and electrical lines can be installed at a later date and then the chase finished after the refrigeration lines and electrical lines are installed and connected to the mechanical equipment.
  - Artroom-Science-Toilets renovate Summer 2026
  - AC in Office area Summer 2026
  - Electric Service upgrades Summer 2026
  - Windows Commence Summer 2026 complete by end of December 2026. The Window Contractor may submit a schedule for installing windows during the school year however it will be up to the White Plains City School District to decide if the windows can be replaced during the school year without affecting the school operations.
- Construction Substantial Completion Friday August 28, 2026
- Final Completion (30 days after Substantial Completion) September 27, 2026

SCHOOL OPERATIONS & CONTRACTOR WORK HOURS

The School will remain in operation as a school during construction, therefore this Project will be required to be constructed after the school hours from 3:00pm – 11:00pm.

Each Prime Contractor may work Saturday & Sundays to make up for lost time (Saturday/Sunday work will be required if necessary to meet a deadline) with prior approval from the Owner and after Contractor has verified allowable working hours by town ordinance.

Due to extreme traffic congestion associated with student and parent cars and bus transportation, deliveries to any area of the project WILL NOT be allowed during school days from 7:10 a.m. to 7:45 a.m. and 2:00 p.m. to 2:45 p.m.

All Contractors will provide in their base bid (20) twenty "black out days", per school year, to the construction schedule where no work can take place due to state testing. These dates will be determined by the District and have been incorporated into the milestone dates indicated in the Key Milestone Dates/Construction Schedule. Blackout dates for testing will only be required for trades with work that will take place during the academic school year (September 1st- July 1st).

III. SAFETY / LOGISTICS/STORAGE

1. Two weeks after the receipt of the Notice of Award, the Prime Contractor for General Construction shall provide a Site Safety/Logistics Plan to the Construction Manager. The site logistics plan should minimally include locations of the eight-foot high temporary fence, traffic plans for deliveries and removals, refuse container locations, crane locations, pick locations, boom radius, and lift locations. This plan shall also show the location of all staging and storage areas, non-rated and fire-rated partitions used to separate construction and school areas, made with plywood and/or gypsum wallboard, etc. The logistical information represented by the Construction Documents shall serve as a minimal guide.
2. Each Prime Contractor is to submit their corporate safety policy and project site specific plan within (2) weeks after Notice of Award. Plan to minimally meet OSHA standards. Each Prime Contractor shall make the participation of their subcontractors in this program mandatory. These Safety Programs should be a detailed Company Policy defining the specifics as to how a safe work environment shall be maintained
3. Each Prime Contractor and Sub Contractors shall schedule weekly safety meetings (Job Site Safety Talks) and submit meeting minutes indicating attendees and topics to the Construction Manager.
4. Each Prime Contractor is to identify in writing to the Construction Manager their "OSHA Competent Person Regarding Safety." "Competent person" means one who is capable of identifying existing and predictable hazards in the surroundings and working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.
5. All flagpersons required for deliveries to the site are to be furnished by the Prime Contractor responsible for the delivery. Any and all deliveries crossing the site or student traffic areas shall be escorted by flagpersons. All flagpersons shall wear orange vests. All deliveries shall be scheduled and coordinated with the Construction Manager and the Owner. Delivery blackout periods for bus traffic interference are stated above and from time to time additional blackout periods may be established by Owner and/or

Construction Manager due to school activities or events (e.g. early dismissals, field trips, etc.) and/or due to construction activities (e.g. crane operations, etc.).

6. Smoking (including vaping and electronic cigarettes), firearms, alcoholic beverages, controlled substances, THC products and indecent photography are expressly prohibited on all school properties. All persons representing Contractors, subcontractors or suppliers shall wear shirts, long pants and other proper attire while on school property. All persons representing Contractors, subcontractors or suppliers shall conduct themselves in a professional manner consistent with the rules and policies of the Owner, and the New York State Education Department while on school property or otherwise representing this Project.
7. Each Prime Contractor will ensure that all their employees, while on school property, will wear hard hats, high visibility vests, and ID badges at all times. Anyone on site without this safety gear will be escorted off school property.
8. Each Prime Contractor will ensure that every employee working on this Project has completed a 10-hour OSHA training course. Any worker that cannot present a 10-hour OASHA safety-training card will be escorted off the Owner's property.
9. Food truck vendors are not permitted on Owner property
10. **Identification Badges**. Each Prime Contractor will provide an ID badge for each of their field personnel and their Sub-Contractor field personel prior to coming on school property. All workers shall display the badge on their person while on site, and at all times. Failure to wear identification badge at all times will result in the immediate removal from the jobsite.
11. Each Prime Contractor is responsible for their own storage and personnel trailers at each site. Each Contractor will be required to supply man trailers and storage box trailers as required. All costs related to such trailers, including but not limited to, delivery, construction, protection, power, is borne by the individual Contractors utilizing space. The Owner WILL NOT PROVIDE STORAGE SPACE. The placement of these trailers will be strictly limited to predetermined locations. Approval of the placement of any trailer or storage box must be received from the Construction Manager.
12. The parking for construction personnel shall be limited to designated parking areas only. Failure to abide by this rule will result in towing of cars at the expense of the Prime Contractor who employs the vehicle owner.
13. All delivery vehicles/trucks/machinery/etc. permitted on site, must be equipped with back-up alarms and enter through the designated access points. Failure to demonstrate this ability will result in cancellation of delivery or stoppage of work. All delays associated with this cancellation will be the responsibility of the Prime Contractor responsible for the delivery involved.
14. All temporary construction site fences installed by any Prime Contractor shall be installed with a tightly woven, blind screen mesh. This mesh is to be installed on the "construction" side of the fence. The General Contractor will maintain all fencing daily and lock gates at the end of the day.
15. All crane picks, material delivery, etc. must be coordinated so as not to lift over any occupied area of the building. This work will be done on off hours to ensure the safety of the building occupants. Crane locations must be carefully chosen to ensure the safety of building occupants. Crane picks must not be conducted during academic hours within 20 feet of an occupied building.

16. The Owner or Construction Manager reserves the right to have all hoisting equipment periodically inspected by an independent inspector whose findings will be binding. The Prime Contractor at its own expense must make corrections before continuing work. The Owner or Construction Manager will not assume any responsibility for the safe operation of any hoisting equipment by exercising this right. Each Prime Contractor or Sub Contractor shall cooperate with the inspector by allowing time for the inspection. The Prime Contractor shall be notified 24 hours prior to the time of the inspection. These inspections do not release the Prime Contractors of their responsibility to provide all engineering, permits, and inspections as required by OSHA or the NYSED prior to use of any hoisting equipment.
17. All vehicular traffic (personal vehicles, trucks, equipment, deliveries, etc.) are to use the designated entrances as outlined on the Logistics Drawings. Access by other routes is to be on exception basis only.

IV. SUBMITTALS

1. Each copy of each submittal shall have attached as the cover page the "Submittal Cover Sheet". All information requested in "Section 01 33 00 Submittal Requirements" shall be provided by the respective Contractor. Submittals will be returned without review if the cover sheet is not accurately completed.

2. Each Prime Contractor shall generate a complete "Submittal Log" within one calendar week of the Notice of Award. This log is to list all required submittals specific to your trade as detailed in the Project Manual/Specifications. Include on the submittal log "ROJ" stands for Required on Job to assist your judgment of the time gap between submission, Architect review, fabrication/procurement and on-site need for putting the work item into place.

3. Each Prime Contractor shall review all submissions for completeness. Each Prime Contractor is responsible to stamp all shop drawings prior to submission to the Architect. The Architect will not review any shop drawings unless first reviewed by said Contractor. Bundle similar material submissions for proper review. Use the Architects Submittal cover sheet located in the Specifications

4. **All submissions shall be sent electronically to the Architect. Submittals will be processed and stored electronically, with access available to all Prime Contractors for coordination.**

5. Each Prime Contractor shall provide one transmittal for each submission package identifying each unique submission individually. For each submittal within the submission package, the Prime Contractor shall identify the length of the delivery time and the necessary "last date" an item may be received on site. Each Prime Contractor shall keep a log of all submissions in a manner prescribed by the Construction Manager. Minimally, the Contractor shall update this submittal log biweekly and provide a copy to the Construction Manager for review and information.

6. Each Prime Contractor shall copy the Construction Manager's Project Manager on all transmittals, correspondence, RFI's and any other documents sent to the Architect, the Architect's consultants or the Owner.

7. At the direction of the Construction Manager, the Prime Contractor shall provide copies of either document and/or data files for any requested document on one of the following programs: Microsoft Word, Microsoft Excel, or Primavera's SureTrack – Project Manager 2.0 scheduling program.

V. LINE, LEVELS & GRADE

1. The Prime Contractor for General Construction shall establish a baseline and benchmark system for each building addition, area of renovation or component. This survey work shall be completed by a licensed professional surveyor. The surveyor(s) employed to establish this system or to extend and maintain an existing benchmark system for the work of other trades shall not have less than five years' experience in performing construction surveys similar to the work they will perform for this Project. The other Prime Contractors and their subcontractors shall be responsible for extending these lines, levels and grades, and for performing all layouts for their own work. Each Prime Contractor is solely responsible for any damage or loss due to incorrect extension of lines, level or grades in their layout. Each Prime Contractor and their subcontractors shall be responsible for the accuracy with respect to the layout of their work. Any discrepancies or errors in the drawings, perceived by a Prime Contractor or subcontractor, shall be immediately reported to the Construction Manager and Architect. If any corrections are necessary, they shall be executed in accordance with procedures approved by the Construction Manager.

2. Each Prime Contractor and their subcontractors shall be responsible to offset, or to protect, their markings from anything that may disturb them.

3. The Prime General Construction Contractor and all other Contracts will build to existing conditions of the site and adjoining buildings. To confirm line, level and grade, the Prime General Construction Contractor will employ a licensed NYS surveyor by the end of the Project and produce an 'As-Built' drawing including final elevations and boundaries of any structural or earth modifications.

4. In addition to the General Construction Trade, the Site Contractor will be required to hire a NYS Licensed Surveyor to perform existing and finish grade surveys at the new athletic field. The hired surveyor is to follow the same guidelines mentioned in paragraphs 1-3 of this section.

VI. MANAGEMENT OF WORK

1. **Each Prime Contractor shall employ (from one week after Notice to Proceed until punch-list and closeout are complete) at a minimum a full time Project Manager and full time on Site Super. The Project Manager and Site Super shall represent the Prime Contractor. All communications given to the Project Manager or Site Super either verbal or written shall be as binding as if given to the Prime Contractor. Important communications shall be so confirmed in writing.**
2. Each Prime Contractor shall provide copies of their daily construction reports to the Construction Manager's Field Superintendent. These reports shall be submitted no later than 10:00am the following workday. The daily reports shall provide detailed information concerning the Prime Contractors' activities and operation detailing manpower and work activities on site. In addition, the Contractors are to submit Two Week Look Ahead schedules at every construction meeting which describes coming work in detail.
3. Each Prime Contractor shall have responsible representation at the **MANDATORY** weekly job meetings held at the Construction Manager's job office from notice to proceed through close out. These meetings will be held to arrange for satisfactory coordination of all building trades so as not to impede job progress. Prime Contractors or subcontractors who fail to attend the meetings will be back-charged $500.00 per each occurrence.
4. Each Prime Contractor shall submit two-week look ahead schedules identifying the anticipated activity, and material needs for all of the work scheduled to be formed by the Prime Contractor and his subcontractors for the identified time period. The Prime Contractor shall keep this schedule current and

provide a biweekly report to the Construction Manager concerning the actual performance and activity compared to the two-week look ahead.

5. The MEP Coordination shall follow the guidelines stated below:

    a. Each Prime Contractor shall have sufficient responsible representatives at mechanical/electrical/plumbing coordination meetings held at a location to be determined. These meetings shall be held as frequently as required by the Construction Manager or any other Prime Contractor. The General Construction Prime Contractor shall also include a representative at these meetings.

    b. All Contractors are expected to jointly produce coordination drawings. Prime Contractors are to first submit their respective shop drawings for approval, to the Owner's Architect and Engineers in order to make any necessary changes prior to going through the coordination process. The HVAC Contractor shall provide black line mylars showing all of the approved ductwork. The HVAC Contractor shall locate on these mylars all piping in orange pencil lines. The Plumbing Contractor shall locate the plumbing lines on these mylars in blue pencil lines. The Electrical Contractor shall indicate conduit runs in green pencil lines. The General Construction Prime Contractor will have the last coordination review. As each coordination drawing is completed, Contractors are to meet with the Owner's Representative and the Architect to review and resolve all identified conflicts on the coordination drawings. Note: for areas without HVAC work, the Mechanical Prime shall provide the necessary mylars with black line. All coordination meetings will be held at the Construction Manager's office.

    c. It is the responsibility of the Prime Contractor for General Construction to coordinate all points of entry through the foundations, slab penetrations, sleeves, roof openings and penetrations, wall openings and penetrations etc. with the work of all other Contractors, including but not limited to M. E. P. Primes, kitchen equipment, casework and casework accessories.

    d. It is the responsibility of each Prime Contractor to coordinate with the architectural details and elements, such as soffits, variations in ceiling height and materials, fire/smoke partitions or barriers, folding partition, doors, lockers, and any other general construction items that impact the space above the ceiling or otherwise requiring light framing and/or miscellaneous support or bracing.

6. If any Prime Contractor fails to keep the site safe and clean within four hours of being notified by the Construction Manager either verbally or in writing, the Construction Manager will have this work performed and back charged to the appropriate Prime Contractor at prevailing overtime rates plus 15%. Notice to field personnel is deemed notice to the Prime Contractor.

7. Dust and fume control is essential to the reduction of health risks to the surrounding personnel. Methods of dust control shall include but not be limited to the following:

    a. Adequate ventilation, including negative air equipment and separation of areas in place during all times of demolition and as necessary during construction to prevent dust from leaving the construction work area into a cleaned area.
    b. Wetting down.
    c. Keeping bags of insulating materials, cement, etc. closed.
    d. Controlled mixing of materials under field conditions.

e. Special attention should be utilized in sawing of insulation and certain acoustical materials and storage of materials.
f. Job housekeeping must be maintained.
g. Advising all personnel of hazardous conditions, including supervisors and workers.
h. Each Prime Contractor shall be responsible for instituting the above policies to ensure minimal impact to surrounding occupied areas.

8. Each Prime Contractor shall confine operations on the premises to areas designated by the Construction Manager and permitted by law, ordinances, permits and the Contract Documents, and shall not unreasonably encumber the premises with any materials or equipment. The Prime Contractor shall coordinate all of his operations with, and secure approval from, the Construction Manager, before using any portion of the premises. Field personnel are to be confined to the work area assigned.

9. Where material is specified to be furnished by others or furnished and delivered only, the Prime Contractor installing the material shall be responsible for scheduling the delivery and receiving, unloading, storing, handling, relocating, hoisting, distribution, laying out and installing this material. Upon receipt by the Prime Contractor installing the material, risk of loss and damage shall be borne by that Contractor.

10. All Prime Contractors and their subcontractors shall allow sufficient time to inspect and accept the work of the previous Contractors. Should any discrepancies be discovered, the Construction Manager shall be notified sufficiently in advance so that corrective action can be agreed to and taken (by all necessary parties) without affecting the progress of any Contractor or the work.

11. All Prime Contractors are advised to exert utmost care and diligence when working in or near any existing buildings or site work which is to remain. The absence of protection around such items shall not excuse the Prime Contractor from his liability to provide protection. Any damages to the existing buildings, sitework or facilities shall be repaired and expensed to the responsible Prime Contractor.

12. Each Prime Contractor shall be solely responsible to remove and replace the existing ceiling tiles and grid in areas of the existing building where their work is required but new ceilings are not scheduled. In the event that the existing ceilings are damaged and cannot be replaced to the satisfaction of the Owner, the responsible Prime Contractor shall be solely responsible for replacing, in kind, the existing ceilings with new tile and grid. A qualified Contractor, acceptable to the Owner, shall perform all ceiling replacements.

13. All disconnect and/or tie-in work involving any utilities that would interfere with the ongoing operations of the Owner shall be completed on an after-hours basis. The performance of this work shall be projected on the required schedules and the Owner and Construction Manager are to be notified at least forty-eight hours in advance of commencing with this work. All overtime and standby personnel necessary to complete these tie-ins shall be the responsibility of the Prime Contractor performing the work.

14. At the same time the Prime Contractor submits their Insurance Certificate they shall also submit to the Construction Manager the labor rates of each category of labor for which he or his subcontractors shall employ (either directly or indirectly). This information shall be itemized in the format shown below.

Contractor's Name	
Contractor's Address	
Contractor's Office Phone	

Contractor's Fax Number					
Contractor's Email Address					
Labor Rate Breakdown					
Worker's Title		**Journey man**	**1.5 Rate**	**Fore man**	**1.5 Rate**
Base Hourly Rate					
Payroll Tax & Insurance:	**% Per Hr**				
FICA					
Federal Unemployment					
State					
Workers Compensation					
Disability					
Other (Explanation Required)					
Subtotal					
Benefits:	**$ Per Hr**				
Vacation					
Health & Welfare					
Pension					
Annuity					
401K Fund					
Other (Explanation Required)					
Other (Explanation Required)					
Subtotal					
Hourly Labor Rate					

VII. REQUEST FOR INFORMATION (RFIs)

1. Please refer to the specifications for Construction Phase Clarifications-Request For Information from Architect's Office" for a complete explanation of the process and copy of RFI form.

VIII. TESTING/INSPECTIONS

1. If the Architect or Owner determines that any work requires special inspection, testing or approval the Construction Manager will instruct the Prime Contractor of such special inspection, or testing. If such special inspection or testing reveals a failure of the work to comply with the requirements of the Contract

Documents, the Prime Contractor shall bear all costs thereof, including compensation for the Architect's and Construction Manager's personnel.

2. Contractor shall furnish incidental labor to:
    a. Provide access to the work to be tested, sampled, and inspected.
    b. Obtain and handle samples at the Project site or at the source of the product to be tested.
    c. Facilitate inspections, samplings and tests.
    d. Coordinate with the Construction Manager and testing lab and submit schedule of required tests one week in advance.
    e. Coordinate inspections
3. As they relate to the timely prosecution of the work, all Prime Contractors shall coordinate independent testing and inspections. If any Prime Contractor fails to coordinate such inspections and additional costs are incurred by the Owner, the Prime Contractor will be responsible for that additional inspection cost.
4. **The following is a list of intended inspections:**
    a. Water and air infiltration for windows
    b. Roofing, flashing, waterproofing
    c. Firestopping
    d. Fireproofing
    e. Asbestos air monitoring
5. ***All material and constructability testing costs will be paid by the Owner including environmental testing for Asbestos abatements.***
6. Architect and Construction Manager shall be notified forty-eight hours prior to the need of testing, in the event the Contractor does not give proper notification and the work is done with no test, that Contractor will bear all costs for such tests and any corrective work that the testing reveals to be necessary.

IX. CHANGES TO THE WORK

1. Refer to the General Conditions for additional information pertaining to this subject.
2. All change proposals for extra work by the Prime Contractors shall be submitted to the Construction Manager, with a complete labor and material breakdown and on the basis of net difference in quantities. The Owner reserves the right to request adequate back up such as invoices, subcontractor quotes, etc., to substantiate the change order cost. Current labor rates for all trades are to be submitted to the Construction Manager by the respective Prime Contractors at the first scheduled job meeting. When both additions and deductions are involved in any one change, the allowance for overhead and profit shall be figured on the basis of net increase or decrease. All change requests shall include the following breakdown:

    a. Materials (itemized breakdown)
    b. Labor (itemized breakdown)
    c. Insurance
    d. **Subtotal**

e. Overhead 10%
f. Subtotal
g. Subcontractor work (same as above, subcontractor O & P 10%)
h. Subtotal
i. Profit 5%
j. Subtotal
k. Rental of equipment (itemized breakdown)
l. Bond charges 2%
m. Total change order

X. SCHEDULE OF VALUES/PAYMENTS

1. Within one week after Notice to Proceed, the Prime Contractor shall submit a detailed billing breakdown on the AIA G702/ G703 form for approval by Construction Manager and Architect. No payments will be made until such billing breakdown is approved.

2. The schedule of values will be reviewed and adjusted if necessary. Once approved, the schedule of values is to be used for the AIA pay application. The schedule of values will take into account and include at minimum the following items, percentages noted are maximum values for the line item noted:

    a. Bond/insurance based on actual invoice amount
    b. Labor and material on line items as applicable
    c. Submittals - 1% of contract sum
    d. Punch list - 1% of contract sum
    e. Close-out documents/warranties - 3% of the contract sum
    f. Meeting Attendance & Meeting Documentation - 2% of the contract sum
    g. Allowances
    h. Approved Alternates
        a. Labor and Material breakdown for each line Item

    Note: Punch list value will be dispersed only when the work has been confirmed to be completed 100%. **ALL PAYMENT APPLICATIONS SHALL INCLUDE A 5% RETAINAGE FACTOR.**

3. The Owner has elected to require the Prime Contractor to submit releases of liens with respect to all Work previously performed and for which payments were made under a preceding application. Beginning with the second payment requisition and with each subsequent payment requisition, each Prime Contractor shall furnish to Owner the following documents:
    a. Labor and/or Materials Affidavit
    b. Daily and Weekly Wage Affidavit
    c. Prime Contractor's-Partial Release and Wavier of Lien

4. Monthly Payment Applications for Payments shall be made as per Article 9 of the General Conditions of the Contract

XI. PUNCH LIST:

1. Upon substantial completion of each phase of work, the Prime Contractors are to submit to the Owner/Construction Manager a letter declaring the work is substantially complete. Included with said letter is to be the Contractor's punchlist. Upon the receipt of same, the Construction Manager will schedule with the Owner, Architect and Contractor a walk through to develop a single final punchlist. This single final punchlist shall serve as the only punchlist. Upon failure to complete the final punchlist within two weeks from receipt, the Owner reserves the right to complete same and backcharge to the Contractor the costs of material, labor, supervision and other incidentals to complete the pounchlist.

XII. INSURANCE/INDEMNIFICATION

1. All Prime Contractors must issue a Certificate of Insurance with liability limits as defined in the Construction Documents naming Triton Construction Company, the Architect, and the School District as an 'Additional Insureds' in addition to all other parties as stipulated in the General Conditions of the Contract in the project manual.
2. All Prime Contractors agree to indemnify and hold harmless Triton Construction Company, the Architect, the School District, its agents and employees in addition to all other parties as stipulated in the General Conditions of the Contract in the project manual.
3. All Prime Contractors and Sub-Contractors/sub-subcontractor's/vendors/etc. insurance/indemnification shall comply with Article 10 "Insurance" and Article 12 "Indemnification" as specified in the General Conditions of the Contract in the project manual.

Specific Scope Requirements for Each Prime Contractor

Prime Contractor for General Construction (PCGC)

1. The Prime Contractor shall provide, for all the building construction work, all necessary site refuse containers and disposal services to maintain the site in a clean and safe condition. The Prime Contractor shall be responsible for emptying and/or replacing all containers on a regular basis or when full. All containers and disposal services shall be provided by a single entity. The Prime Contractor shall provide sufficient labor to keep the site clean on a daily basis and shall be responsible for providing the daily broom cleaning as necessary to maintain site safety.
2. The Prime Contractor shall coordinate with the; Electrician, Plumber, Mechanical and Window Contractors to allow all Contractors unabated access to the building and surrounding work areas.
3. The Prime Contractor shall provide and maintain temporary chemical toilets for the duration of the Project. The quantity of these toilets should be as required to properly maintain sanitary facilities and easy access for the number of personnel on the job. This quantity shall be a minimum of two toilets per major work area of which at least one shall be for female personnel. This requirement shall include all necessary paper products, supplies and services, as well as the maintenance of these toilets until all work is complete and the Owner assumes partial occupancy of the building additions and renovations. As a minimum, the Contractor shall include the pumping and servicing of these toilets twice per week. The

location for the temporary facilities must be coordinated with the Owner. The toilet facilities should be located in a discreet location and provided with a lock that all workers have access to the facility during work hours.

4. All Scaffolding or stair towers shall be designed and stamped by a licensed NYS PE. When designing this scaffolding consideration should be given to the environment, scaffolding system being used, means of access, means of tying the scaffolding to the structure, location, length of time to be erected, climate conditions, wrapping/containment of building, purpose of use, loadings, etc. all scaffolding and/ or stair tower access points must be secured while not in use. If and when needed, the scaffolding may be used for access by other Prime Contractors during construction- this contractor will not restrict access by others using the scaffold.
5. The Prime Contractor shall provide testing and inspection of the scaffolding on a daily basis and per governing regulation (e.g.,: OSHA). A log of these inspections are to be kept in the PCGC's job trailer, along with inspections tags that identify the status of the scaffolding (inspection dates, okay to use, caution, danger). Report to the Construction Manager all corrective work required through the course of the Project.
6. As shown on the logistics plan, the Prime Contractor shall include in his bid price, all costs to provide an 8 foot height rental type chain link construction fencing and gates. All fencing shall have a tightly woven, blind screen mesh installed on the "construction" side of the fence. Mesh to be dark green or black. When directed by the Construction Manager, the Prime Contractor shall remove and dispose of this fencing and all related materials. Gates for man access shall be passive to the exterior of the jobsite during the event of an emergency, but remain closed for un-authorized entry during construction. All gates shall be locked when the site is not active, with a double-keyed system, granting the Owner access to the site after-hours.
7. The Prime Contractor shall perform its steel erection according to their Site Logistics/Safety Plan. Booming steel over the Existing Building will not be permitted while occupied. Steel erection within 20 feet of an occupied building/space will require after-hours crane picks.
8. The Prime Contractor will repair, replace, correct, or finish grade, topsoil, and seed all areas with-in the construction site that was disturbed by the work of the Project.
9. The Prime Contractor shall provide and maintain all temporary plastic barriers, partition walls, doors, hardware and plywood barriers for the duration of the Project to separate work areas from public areas and to maintain security, dust, and noise control. Temporary partitions and doors will be painted with 1 time coat of primer and 2 times coats of paint for esthetics.
10. Construction Signage. The Prime Contractor shall include in his base price all construction signage required by OSHA. At the site fence, "Construction Area keep out", "Hard Hats Required" and "Authorized personal only" signage shall be posted every 25' on site fencing. This Prime Contractor shall reference the logistics plans for each project to include any other signage designated for entry gates. Signs shall be made of either metal of durable PVC to endure the project duration.
11. Professional Cleaning: The PCGC shall provide a professional commercial cleaning service to prepare all areas of interior construction for use and to provide a final cleaning after substantial completion is achieved and after direction to provide such service is received form the Construction Manager. This work shall be completed in cooperation with the building maintenance staff and their respective procedures. As part of this service, the PCGC shall wax all new or repaired floors, and, wash or clean all walls, doors, windows, frames, casework, blinds, unit ventilators, shelves, counters, toilet fixture, sinks, equipment,

etc. All work shall be performed in place or on site and does not include sending items out for service or special cleaning operations. Building Services shall provide this Contractor with the necessary paper products, hand soaps, trash liners and other products to fill (one time) any dispensers or accessories in order for these items to be prepared for use.

12. Unless specifically noted on the contract documents, this Prime Contractor will provide all concrete equipment pads outside the building as shown on the contract documents, except for electrical service pads. All Primes will provide pad sizes and locations. All Primes will provide their own equipment pads inside the building.
13. The Prime Contractor is responsible for protection of finished work. Including but not limited to; floors, walls, and doors. This General Contractor will provide, maintain, and remove the appropriate protection materials necessary to adequately protect his finished product.
14. The Prime Contractor should note there are numerous areas where the existing ceilings are remaining. This Contractor will be required to remove and reinstall any ceilings displaced by installation of this Contractor's Work. If open ceilings are not replaced within a twenty-four hour period after a request by the Construction Manager, either verbal or written, the Construction Manager will have said ceilings reinstalled and all related costs will be back charged to said Prime Contract.
15. The Prime Contractor shall provide fire extinguishers for the life of the project, the extinguishers are to be hung and identified as per OSHA requirements (1 per 3000 sq ft, or better). These extinguishers are to be re-charged and inspected for the life of the project.

16. If due to location of fabrication plant, a local storage yard is required, all cost associated with this storage yard including receiving, unloading, storing, shake-out, reloading, and delivery to the site shall be this Prime Contractors' cost.
    a) The Owner may have an Inspector at the plant during the fabrication period. Appropriate access shall be provided at all times for this individual.

17. Shoring/ Support of Excavation: The Prime Contractor will be responsible for hiring a license NYS PE to design a shoring and underpinning plan in effort to build adjacent to existing structures.
18. Soil Erosion: The Prime Contractor will be responsible to establish and maintain a soil erosion fence around the disturbed site during the entirety of construction, until authorized by the Civil Engineer to remove such provisions. This Prime contractor will also provide erosion control at each existing and new nearby storm basin structure. Reference shall be made to the construction plans & documents for additional Soil Erosion provisions required by this Prime Contractor.
19. Abatement Work: The Prime Contractor will be responsible to hire a qualified and DOL licensed Abatement Contractor to perform the Hazardous Material removal at areas involved. This work will only take place during the summer recess. If the work is unable to be completed by the end of the summer, abatement will only take place during prolong holiday weeks after students return.
20. Under slab MEP Trenching at New Slabs: The Prime contractor will be responsible to coordinate with his subcontractors and other Prime Contractors through the Contract Documents and the Coordination Drawings, for any under-slab piping. The Prime Contractor (PCGC) will be responsible to provide the trenching, bedding, backfill and compaction for such MEP under-slab items. The Prime Contractor (PCGC), the PCGC's subcontractors and other Prime Contractors will be responsible to provide a final layout to the

PCGC, prior to trenching. Each MEP contractor will be responsible to level the piping with provided bedding from the PCGC, testing the piping prior to back filling.

21. Trenching at existing slabs: The Prime contractor will be responsible to coordinate with his subcontractors to survey, sawcut, trench, lay bedding, backfill trench, dowel existing slab and place new concrete to be level to receive new floor finishes. Where slabs are receiving new floors, The Prime Contractor (PCGC) will provide any corrective patching to the top-of-slab and install the new finish floor. Where existing flooring is to remain and be patched; this Prime Contractor will also be responsible to match the existing finish, prepare and install new material, at approval of the Architect and CM.
22. The Prime Contractor is required to fire stop and/ or smoke stop all walls, floors and ceilings after completion of all their own work., including their subcontractors.
23. The Prime Contract shall furnish and install all blocking for work under this Contract and blocking required by other Prime Contracts.
24. The Prime Contract shall install Access Panels, provided by other Prime Contracts.
25. The Prime Contract shall install sleeves in foundation walls provided by other Contracts.
26. This Prime Contract is responsible for furnishing and installing the shades that are incorporated into the ceiling grid system.
27. This Prime Contract is responsible for furnishing and installation of all casework.
28. This Prime Contract is responsible for all roofing work including but not limited to installing roof curbs supplied by other Prime Contracts, sealing at all new roof penetration to maintain a weathertight roof.
29. This Prime Contract shall provide all roof penetrations for other Primes as marked by the other Primes. This Prime Contract must maintain a weathertight roof at all times.

Prime Contractor for Mechanical (PCM)

1. The PCGC shall provide dumpsters for this contractor to use for day-to-day rubbish. Each Contractor is responsible for collecting, moving, placing, breaking down boxes and pallets, and disposing rubbish, on a daily basis, all debris from their activities into a dumpster supplied by the PCGC. Each Contractor is responsible to broom clean the areas they worked in at the end of each day. This Prime Contractor will include in his bid price the provision to remove large HVAC equipment from the site, at his own costs, including but not limited to RTUs, Chillers, Cooling Towers, Unit Ventilators, and Air Handlers.
2. The Prime Contract for Mechanical should note there are numerous areas where the existing ceilings are remaining. This Contractor will be required to remove and reinstall any ceilings displaced by installation of this Contractor's work. If open ceilings are not replaced within a twenty-four hour period after a request by the Construction Manager, either verbal or written, the Construction Manager will have said ceilings reinstalled and all related costs will be back charged to said Prime Contract.
3. Unless otherwise noted in the construction documents, this Prime Contract will cut and cap their own work inside finished walls, floors and ceilings.
4. Each Prime Contract is required to fire stop and/ or smoke stop all walls, floors and ceilings after completion of all their own work.
5. Each Prime Contract is responsible for protection of finished work. This contractor will provide, maintain, and remove the appropriate protection materials necessary to adequately protect his finished product.

6. Both louvers openings and duct-work openings in walls, slabs or roof, will be provided by this prime contractor. This Prime Contractor (Mechanical) will be responsible for all openings they require for their Contact work, including saw cutting, core-drilling and alike as well as any structural support necessary.
7. Trenching at existing slabs: This Prime contractor will be responsible to coordinate with his subcontractors and other Prime Contractors to survey, sawcut, trench, lay bedding, backfill trench, dowel existing slab and place new concrete to be level to receive new floor finishes. Where slabs are receiving new floors, this Prime Contractor will provide any corrective patching to the top-of-slab and coordinate with the Prime Contract for General Construction and their installation of the new finish floor. Where existing flooring is to remain and be patched; the Prime Contractor will be responsible to match the existing finish, prepare and install new material, at approval of the Architect and CM.
8. Unless specifically noted on the contract documents, the Prime Contractor for General Construction will provide all concrete equipment pads outside the building as shown on the contract documents, except for electrical service pads. All Primes will provide pad sizes and locations. All Primes will provide their own pads inside the building.
9. The Prime Contractor shall provide fire extinguishers for their specific work that will create a fire hazard. These extinguishers are to be re-charged and inspected for the life of the project.
10. The Prime Contract shall identify the locations of and required blocking for their installations by Prime Contract GC
11. The Prime Contract shall provide Access Panels, dimensions and locations to Prime Contract GC for installation.
12. The Prime Contract is responsible for cutting and patching of existing construction including finish patching associated with this Contract Work. Other Contracts are responsible for their own cutting and patching unless noted otherwise.
13. The Prime Contract shall provide sleeves and other materials including dimensions and locations to the Prime Contract GC for installation.
14. The Prime Contract shall furnish all starters required for mechanical equipment installed under this Contract to the Electric Prime for installation.
15. The Prime Contract shall provide mechanical connection to equipment furnished by another Prime Contract or School District.
16. The Prime Contract shall install low voltage wiring for Mechanical systems.
17. This Prime Contract shall provide an insulated metal panel to be installed at the interior side of the existing UV louver. The insulated metal panel is to be furnished and installed by this Prime Contract.
18. The Mechanical Contract shall connect the ductwork for the ceiling unit to the louver installed by the Window Contract. The Mechanical Contract shall provide a template for each opening to the Window Contract.
19. The Mechanical Contract shall furnish and provide to the Contract G (General Construction) roof curbs.
20. The Mechanical Contract shall markout all roof penetrations for Contract G to provide roof openings.

Prime Contractor for Plumbing (PCP)

1. The Prime Contractor for General Construction (PCGC) shall provide dumpsters for this trade. Each Contractor is responsible for collecting, moving, placing, breaking down boxes and pallets, and disposing

rubbish, on a daily basis, all debris from their activities into a dumpster supplied by the PCGC. Each Prime Contractor is responsible to broom clean the areas they worked in at the end of each day.

2. The Prime Contract for Plumbing shall include, as part of his base price, all costs associated with providing one hose bib for temporary water service at work area (if this hose bib does not already exist). The Prime Contractor for Plumbing shall install the hose bibs at locations designated by the Construction Manager or where needed by the other Prime Contracts.
3. This Prime Contract for Plumbing should note there are areas where the existing ceilings are remaining. This Contractor will be required to remove and reinstall any ceilings displaced by installation of this Contractor's Work. If open ceilings are not replaced within a twenty-four hour period after a request by the Construction Manager, either verbal or written, the Construction Manager will have said ceilings reinstalled and all related costs will be back charged to said Prime Contract.
4. Unless otherwise noted in the construction documents, this Prime Contract will cut and cap their own work inside finished walls, floors and ceilings.
5. Each Prime Contract is required to fire stop and/ or smoke stop all walls, floors and ceilings after completion of all their own work.
6. This Prime Contract is responsible for protection of finished work. This Prime Contract will provide, maintain, and remove the appropriate protection materials necessary to adequately protect his finished product.
7. Trenching under slab (New/Existing): This Prime contractor will be responsible to coordinate with his subcontractors and other Prime Contractors to survey, sawcut, trench, lay bedding, backfill trench, dowel existing slab and place new concrete to be level to receive new floor finishes. Where slabs are receiving new floors, this Prime Contractor will provide any corrective patching to the top-of-slab and coordinate with the Prime Contract for General Construction and their installation of the new finish floor. Where existing flooring is to remain and be patched; this Prime Contractor will be responsible to match the existing finish, prepare and install new material, at approval of the Architect and Construction Manager.
8. This Prime Contractor shall provide fire extinguishers for their specific work that will create a fire hazard. These extinguishers are to be re-charged and inspected for the life of the project.
9. This Prime Contract shall identify the locations of and required blocking for their installations by Prime Contract GC.
10. This Prime Contract shall provide Access Panels, dimensions and locations to Prime Contract GC for installation.
11. This Prime Contract is responsible for cutting and patching of existing construction including finish patching associated with this Contract Work. Other Contracts are responsible for their own cutting and patching unless noted otherwise.
12. This Prime Contract shall provide sleeves and other materials including dimensions and locations to the Prime Contract GC for installation.
13. The Prime Contract for Plumbing shall include, as part of his base price, all costs associated with providing one hose bib for temporary water service at work area (if this hose bib does not already exist). The Prime Contractor for Plumbing shall install these hose bibs at locations designated by the Construction Manager or where needed by the other Prime Contracts.
14. This Prime Contract shall furnish all starters required for plumbing equipment installed under this Contract

to the Electric Prime for installation.

15. This Prime Contract shall provide plumbing connection to equipment furnished by another Prime Contract or Owner.
16. This Prime Contract shall coordinate the Contract work above ceiling with the Prime Contract for General Construction for painting of the work above the ceiling as noted on the Contract Documents.
17. This Prime Contract Plumbing (P) shall supply and install sediment traps at the art room sinks.
18. The Plumbing Contract shall markout all roof penetrations for Contract G to provide roof openings.

Prime Contractor for Electrical (PCE)

1. The Prime Contractor for General Construction (PCGC) shall provide dumpsters. Each Prime Contractor is responsible for collecting, moving, placing, breaking down boxes and pallets, and disposing rubbish, on a daily basis, all debris from their activities into a dumpster supplied by the PCGC. Each Prime Contractor is responsible to broom clean the areas they worked in at the end of each day.
2. The Prime Contractor for Electrical is to temporarily support existing ceiling mounted equipment/devices (i.e., speakers, fire alarm apparatuses, exit signs, wiring, light fixtures, etc.) as required for demolition of existing ceilings until new equipment/devices are installed or existing equipment/device can be permanently remounted in the new ceiling.
3. The Prime Contractor for Electrical shall provide and keep temporary light and power operational for a period of from fifteen minutes before the earliest starting time of the earliest trade, to fifteen minutes after the established quitting time of the trade which stops latest in the evening (fifteen foot candles) throughout the entire building (normal working hours 7:00 am to 4:00 pm). This applies to all scheduled workdays, Monday through Saturday inclusive, which are established as regular workdays for any trade engaged in the work, including such days that are holidays for Electricians but are regular workdays for other trades. These services are to be kept operational until the CM determines that they are no longer required for the execution of the work. Temporary light shall consist of a minimum of (1) bulb and cage per 10 square feet of floor space in all spaces no matter of size throughout the existing building spaces being renovated..
4. The Prime Contractor for Electrical shall include in his base price all costs associated with providing and maintaining adequate temporary light and power to all areas of work required by the construction documents. Each major area of work shall be provided with an adequate sized distribution panel for temporary light and power
5. The Prime Contractor for Electrical shall provide temporary power for masonry work, mixers, steel work, or fire proofing work, compressors etc. that may require 220V temporary power. Power is to be provided at each major area of work if required.
6. The Prime Contractor for Electrical should note there are numerous areas where the existing ceilings are remaining. This Contractor will be required to remove and reinstall any ceilings displaced by installation of this Contractor's work. If open ceilings are not replaced within a twenty-four hour period after a request by the Construction Manager, either verbal or written, the Construction Manager will have said ceilings reinstalled and all related costs will be back charged to said Prime Contract.
7. The Prime Contractor for Electrical shall replace all burned out light bulbs when building is turned over to the owner at substantial completion.

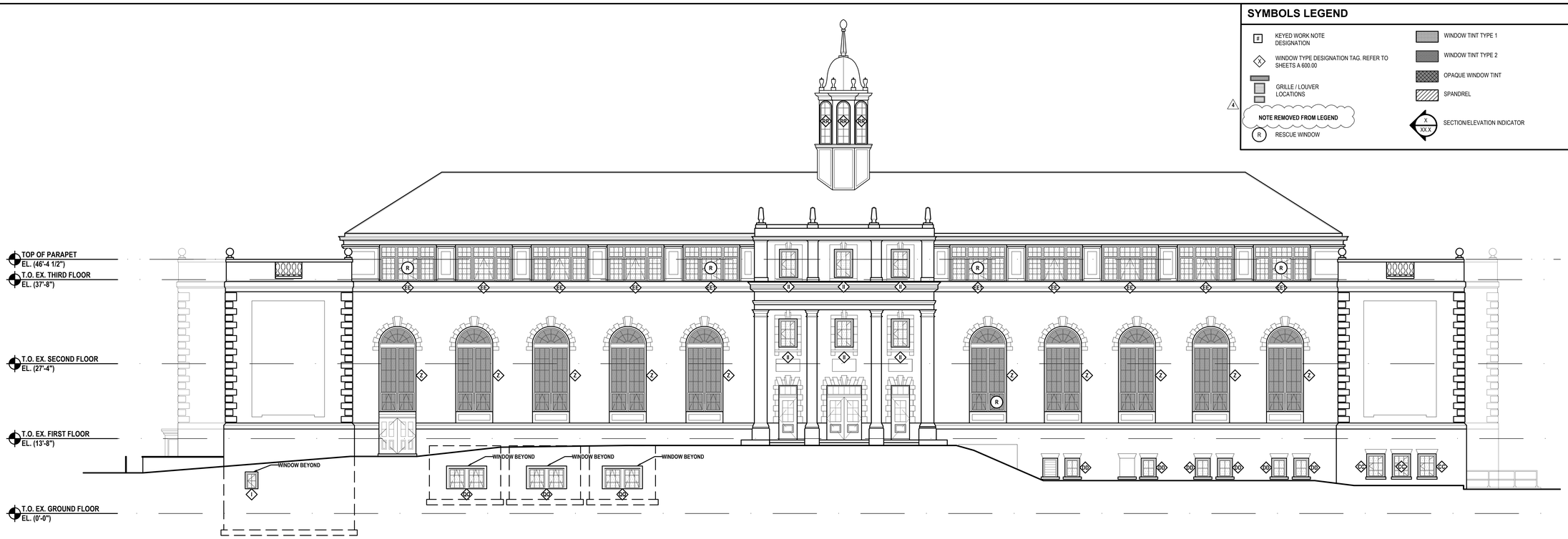
8. The Prime Contractor shall coordinate with the Window Contractor, General Contractor, Plumber, and Mechanical Prime Contractors to allow all Contractors unabated access to the building.
9. Unless otherwise noted in the construction documents, this Prime Contractor will cut and cap their own work inside finished walls, floors and ceilings.
10. Each Prime Contractor is required to fire stop and/ or smoke stop all walls, floors and ceilings after completion of all their own work.
11. The Prime Contractor is responsible for protection of finished work. The Prime Contractor will provide, maintain, and remove the appropriate protection materials necessary to adequately protect his finished product.
12. The Prime Contractor will modify all existing Fire Alarm devices that are part of the existing building being renovated, maintain the devices throughout construction, and or disconnect as needed. This Prime Contractor will assure that no troubles exist, by hiring a Fire Alarm vendor who is licensed to modify the existing Fire Alarm system to accept any temporary changes through construction.
13. The Prime Contractor is to develop a separate site-specific electrical service shutdown/upgrade schedule within four weeks after Notice to Proceed. This schedule will be developed in conjunction with the Construction Manager and the Owner. No shutdown/transfer will be permitted at any time without prior written notification. The Prime Contractor for Electrical shall provide temporary power for all 'others' work ongoing at the site during any electrical shutdown or transfer period that would otherwise deny other Contractors power. No shutdown or transfer shall be allowed during active school hours. Any and all shutdowns must be scheduled on the Owners off days (weekends, holidays). Any shutdown longer than three days will require this Prime Contractor to supply temporary power for the Owner (i.e., generators). The Electrical Prime Contractor shall provide a minimum of forty-eight hours' notice to the Owner and the Construction Manager or any necessary power shutdown.
14. Trenching under slab (New/Existing): The Prime contractor will be responsible to layout all locations for any under slab piping. The Prime Contractor for General Construction will be responsible to include trenching provisions for under-slab work where indicated on the plans at new slab locations. This Prime Contractor will lay all piping, leveling piping, test and allow the PCGC to backfill in time not to disturb the overall project schedule. This Prime contractor (PCE) will be responsible to sawcut any existing slabs required to install piping, trench, lay bedding and patch the slab to accept new finishes provide by a skilled tradesman hired by this Prime Contractor.
15. Unless specifically noted on the contract documents, the Prime Contractor for General Construction will provide all concrete equipment pads outside the building as shown on the contract documents, except for electrical service pads. All Primes will provide pad sizes and locations. All Primes will provide their own pads inside the building.
16. The Prime Contractor shall provide fire extinguishers for their specific work that will create a fire hazard. These extinguishers are to be re-charged and inspected for the life of the project.
17. The Prime Contract shall identify the locations of and required blocking for their installations by Prime Contract GC
18. The Prime Contract shall provide Access Panels, dimensions and locations to Prime Contract GC for installation.
19. The Prime Contract is responsible for cutting and patching of existing construction including finish patching associated with this Contract Work. Other Contracts are responsible for their own cutting and patching unless noted otherwise.

20. The Prime Contract shall provide sleeves and other materials including dimensions and locations to the Prime Contract GC for installation.
21. After ceiling demolition, this Prime Contract shall re-support all hanging electrical and data lines.
22. The Prime Contract shall install all starters furnished by other Prime Contracts.
23. The Prime Contract shall provide electrical connection to equipment furnished by another Prime Contract or School District.
24. The Electrical Contract shall markout all roof penetrations for Contract G to provide roof openings.

Prime Contractor for Window (PCW)

21. This Prime Contractor for Window (PCW) shall provide dumpsters for their construction activities. This Prime Contractor is responsible for collecting, moving, placing, breaking down boxes and pallets, and disposing rubbish, on a daily basis, all debris from their activities into their dumpster. Each Prime Contractor is responsible to broom clean the areas they worked in at the end of each day.
22. This Prime Contract is responsible for all work associated with the removal of existing windows and installation of new windows, including but not limited to the following; weather protection of the openings when the windows are removed, installation of temporary insulated closures at the window openings, coordination with other Prime Contracts such as the Mechanical Contract for installation of the ventilation ductwork and lovers that will be installed by the Mechanical Contract for the complete installation if the mechanical systems.
23. This Prime Contract scope of work includes the interior finishing in the room, including but not limited to repairs to the interior surfaces due to the removal of the existing window and installation of new windows, installation of trim and painting new and existing trim, caulking of the window installation interior and exterior.
24. The Window Contract shall remove and dispose of all existing shades on the windows.
25. This Window Contract shall furnish and install a louver in the window frame assemble for use in providing fresh air for the mechanical system. The louver shall be as indicted in the Contract Documents. There shall be an insulated metal panel installed at the exterior side of the louver and the Window Contract shall cut an opening in the panel and coordinate size of opening with the Mechanical Contract. The Mechanical Contract shall provide template for each opening to the Window Contract for the Window Contractors use in cutting the opening in each panel.
26. The Window Contract is responsible for interior finishes at the window including but not limited to repairs to existing wood trim or wall finishes that were damaged due to the window removal or window installation and as indicted on the drawings for new window trim.

END OF SPECIAL PROVISIONS



1 **South Elevation**
SCALE: 1/8"=1'-0"

2 **West Elevation**
SCALE: 1/8"=1'-0"

SYMBOLS LEGEND

- KEYED WORK NOTE DESIGNATION
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- GRILLE / LOUVER LOCATIONS
- NOTE REMOVED FROM LEGEND
- RESCUE WINDOW
- WINDOW TINT TYPE 1
- WINDOW TINT TYPE 2
- OPAQUE WINDOW TINT
- SPANDREL
- SECTION/ELEVATION INDICATOR

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BUILDING ELEVATION KEYED NOTES

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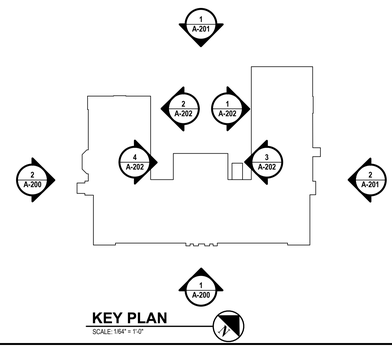

KEY PLAN
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KEVIN M. MEDLER, R.A. EXP. DATE
NY REGISTERED ARCHITECT Lic. No.: 039378
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
CWP	NL	CWP	KMM

PROJECT No.:	DATE:	SCALE:
WPSD2401	JUNE 2025	AS SHOWN

CLIENT

White Plains City School District

Renovations at Rochambeau Alternate High School

228 Fisher Avenue
White Plains, NY 10606

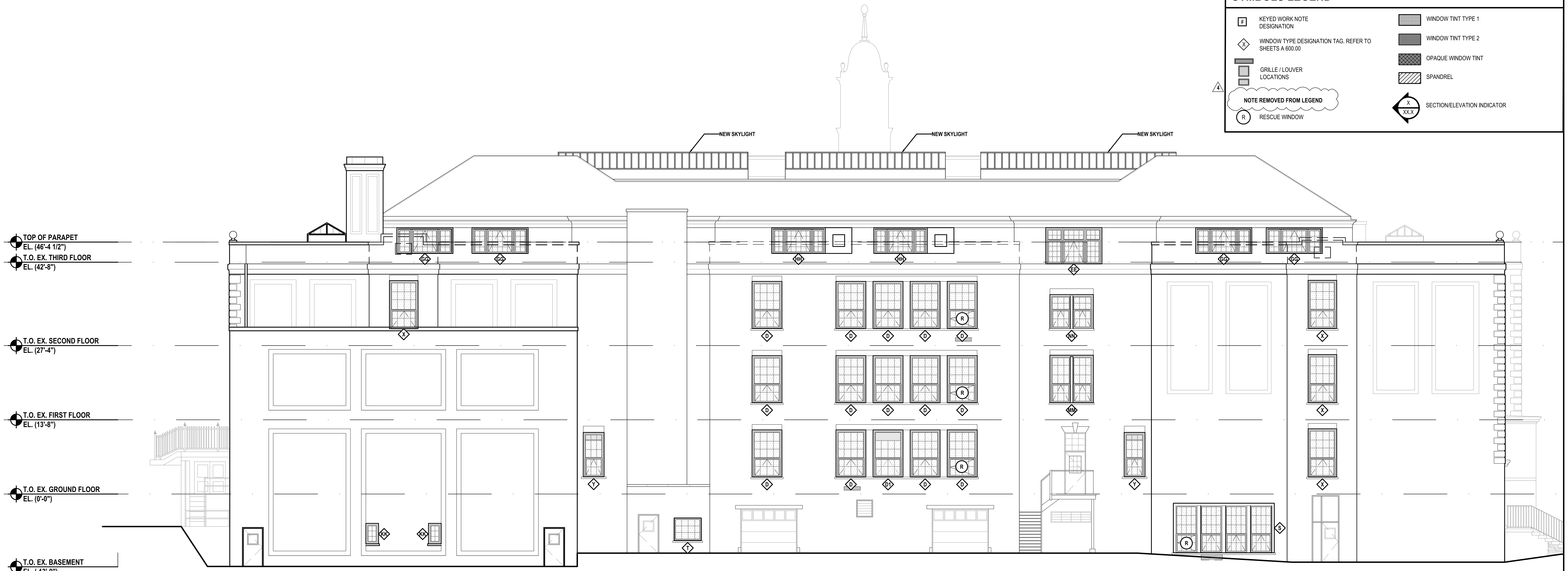
SED #66-22-00-01-0-015-020

CONTRACT 2
ALL CONTRACTS

STATUS
FINAL BID DOCUMENT

SHEET TITLE
SOUTH & WEST ELEVATIONS

DRAWING No.
A 200.00



1 **North Elevation**
SCALE: 1/8"=1'-0"

2 **East Elevation**
SCALE: 1/8"=1'-0"

SYMBOLS LEGEND

#	KEYED WORK NOTE DESIGNATION	▨	WINDOW TINT TYPE 1
◇	WINDOW TYPE DESIGNATION TAG. REFER TO SHEETS A 600.00	▨	WINDOW TINT TYPE 2
▤	GRILLE / LOUVER LOCATIONS	▩	OPAQUE WINDOW TINT
	NOTE REMOVED FROM LEGEND	▧	SPANDREL
Ⓡ	RESCUE WINDOW		SECTION/ELEVATION INDICATOR

4

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4

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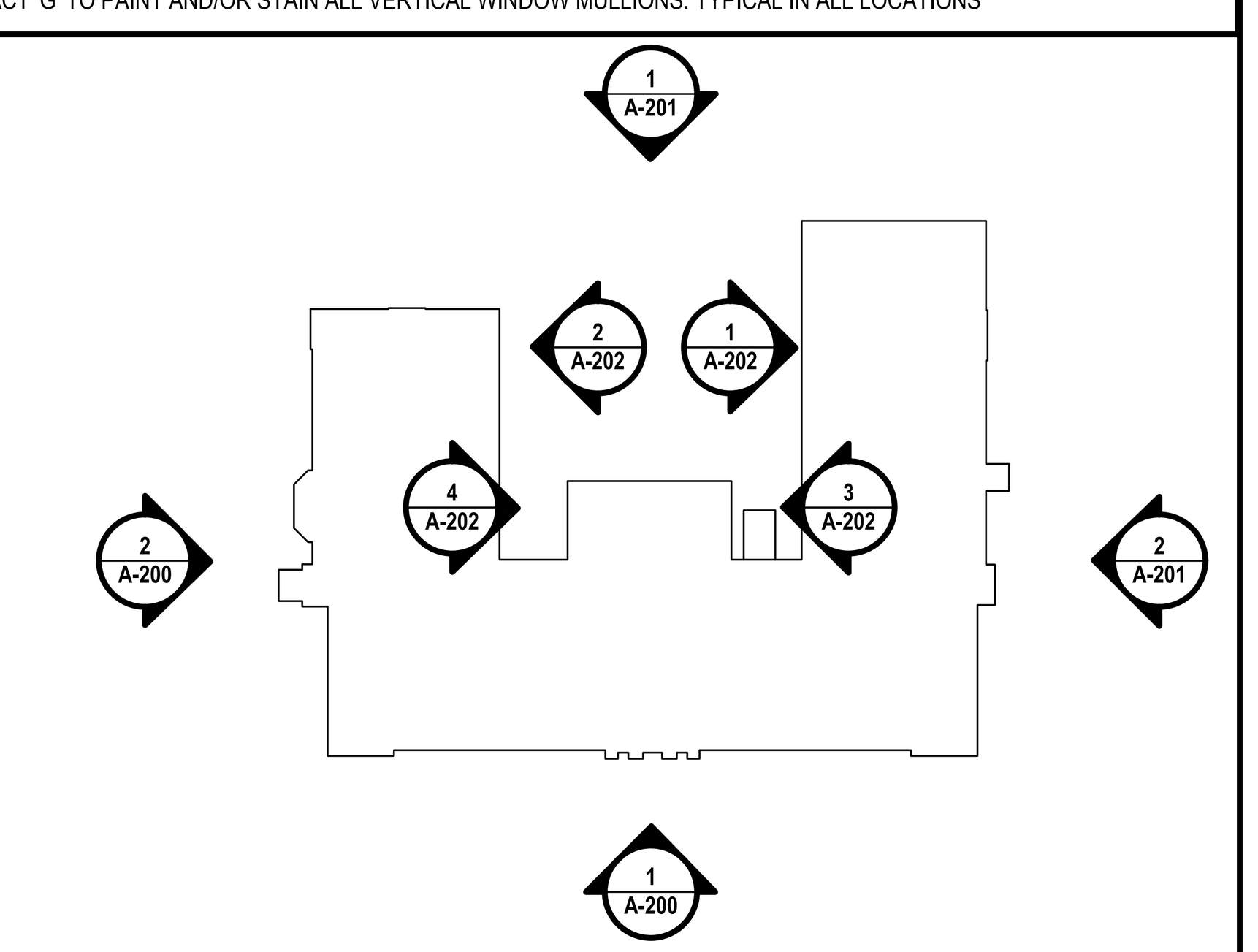

KEY PLAN
SCALE: 1/64" = 1'-0"

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CLIENT

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SED #66-22-00-01-0-015-020

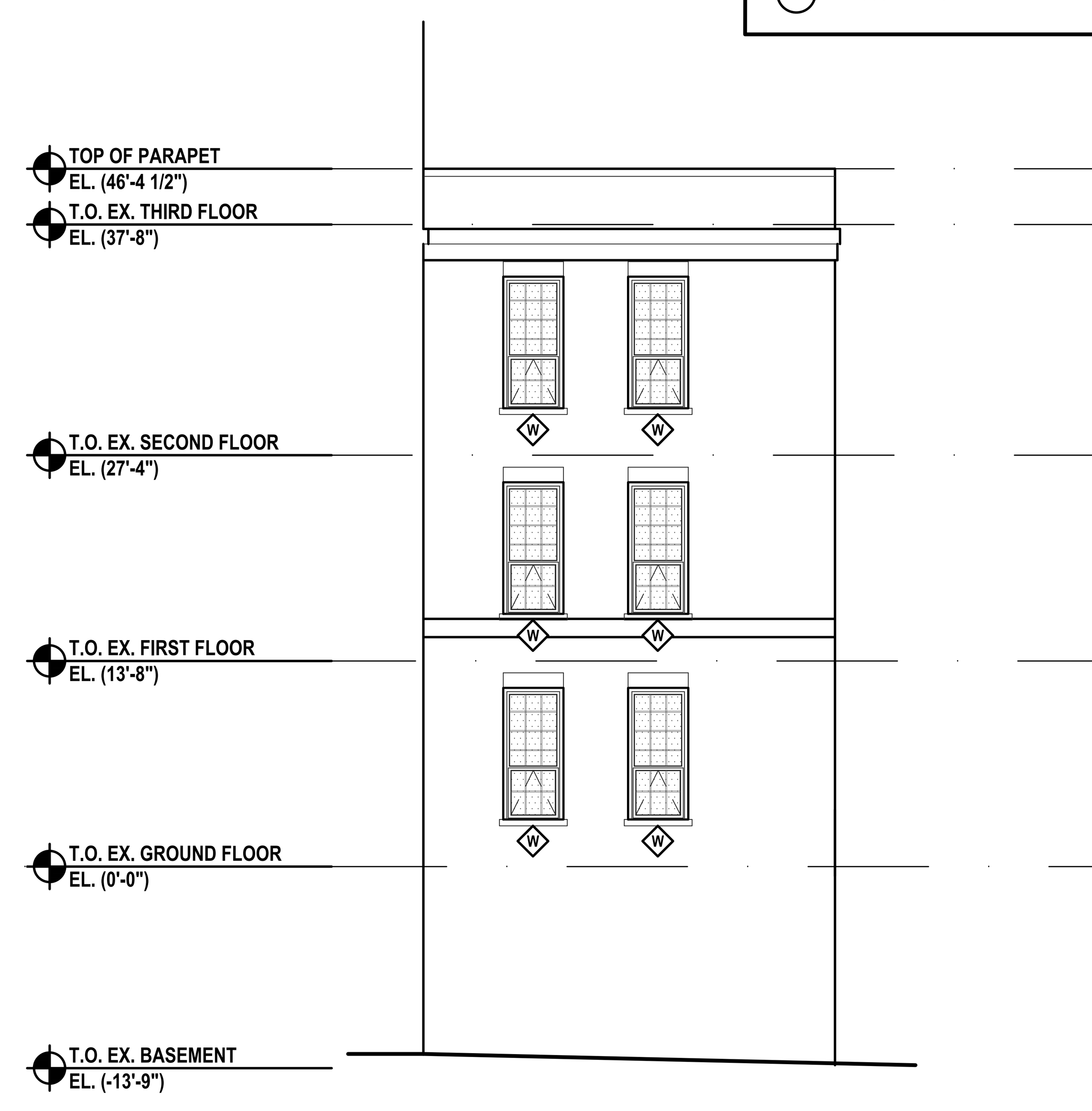
CONTRACT 2
ALL CONTRACTS

STATUS
FINAL BID DOCUMENT

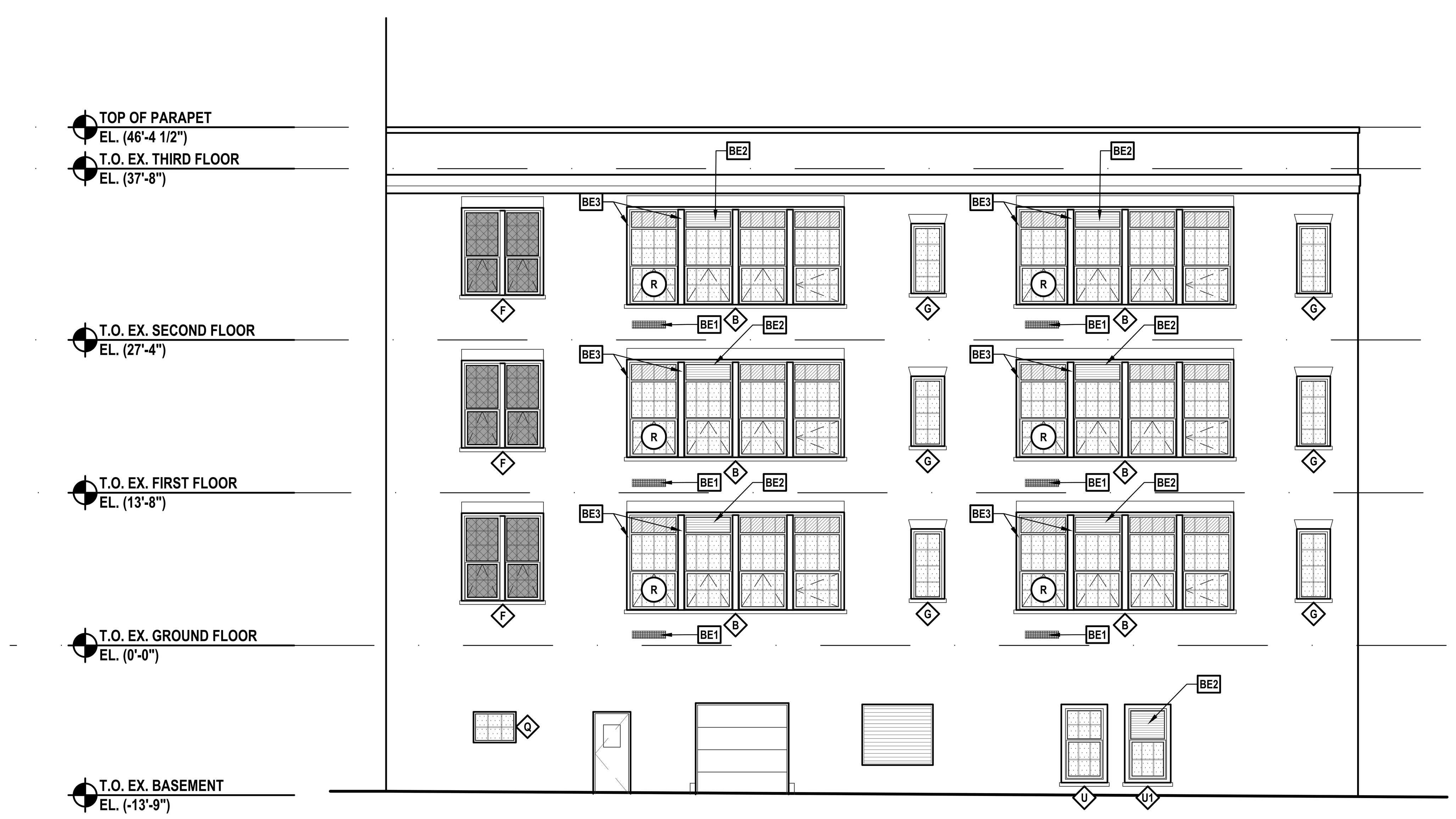
SHEET TITLE
NORTH & EAST ELEVATIONS

DRAWING No.
A 201.00

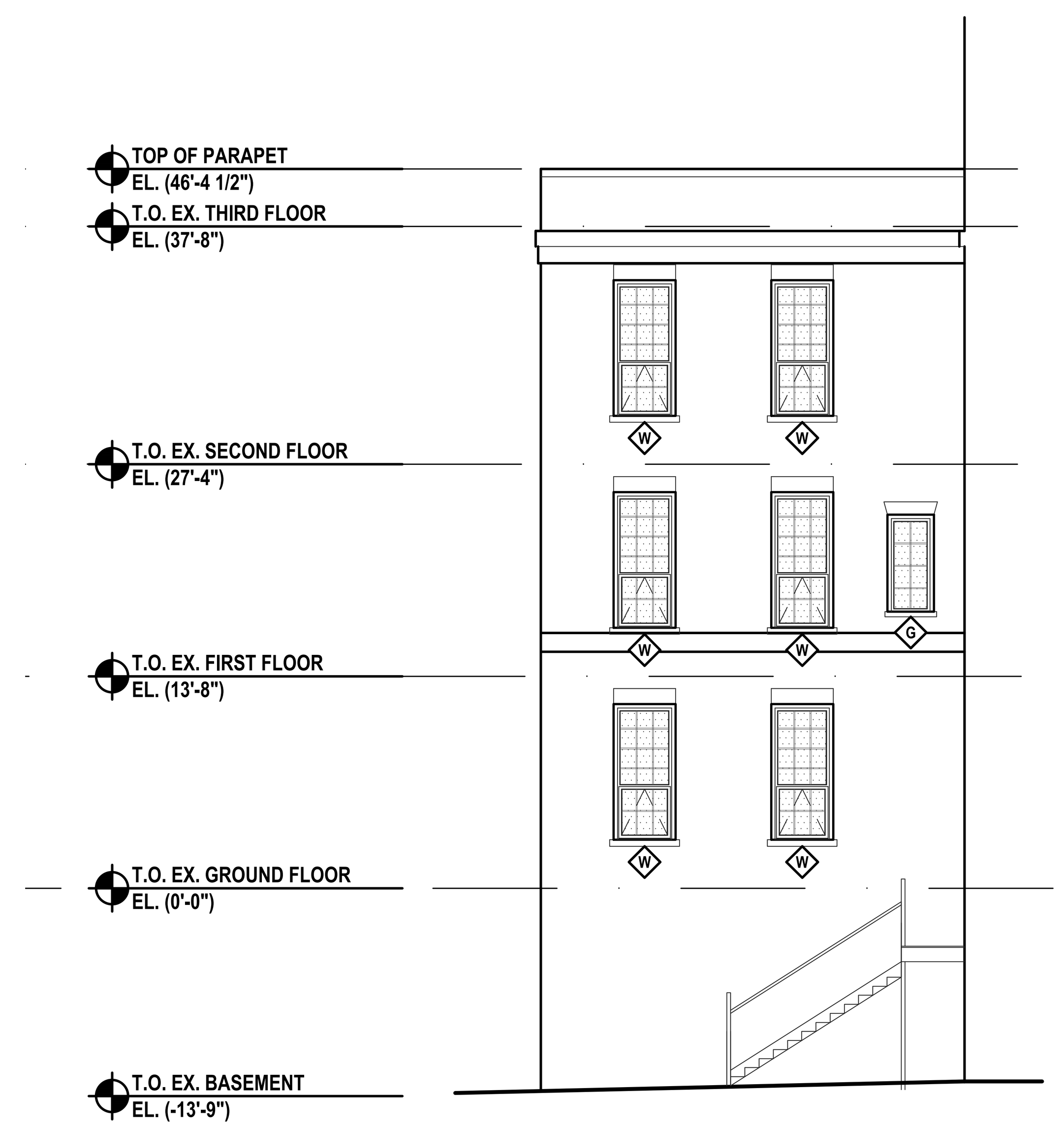
1 **West Elevation**
SCALE: 1/8"=1'-0"



3 **Side Elevation**
SCALE: 1/8"=1'-0"



2 **East Elevation**
SCALE: 1/8"=1'-0"



4 **Side Elevation**
SCALE: 1/8"=1'-0"

SYMBOLS LEGEND

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- GRILLE / LOUVER LOCATIONS
- NOTE REMOVED FROM LEGEND
- R RESCUE WINDOW
- WINDOW TINT TYPE 1
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- OPAQUE WINDOW TINT
- SPANDREL
- X / XX.X SECTION/ELEVATION INDICATOR

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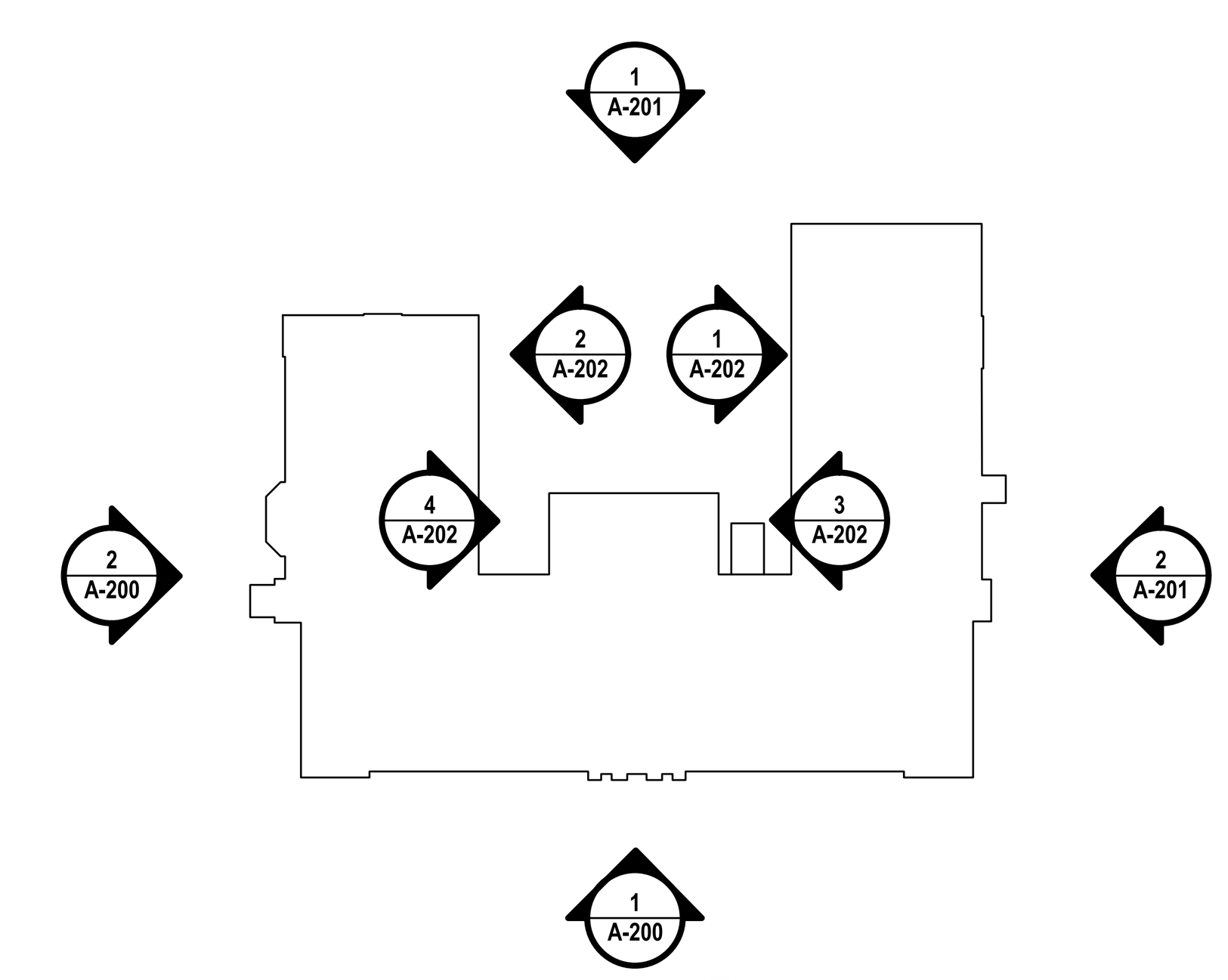

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CONTRACT
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STATUS
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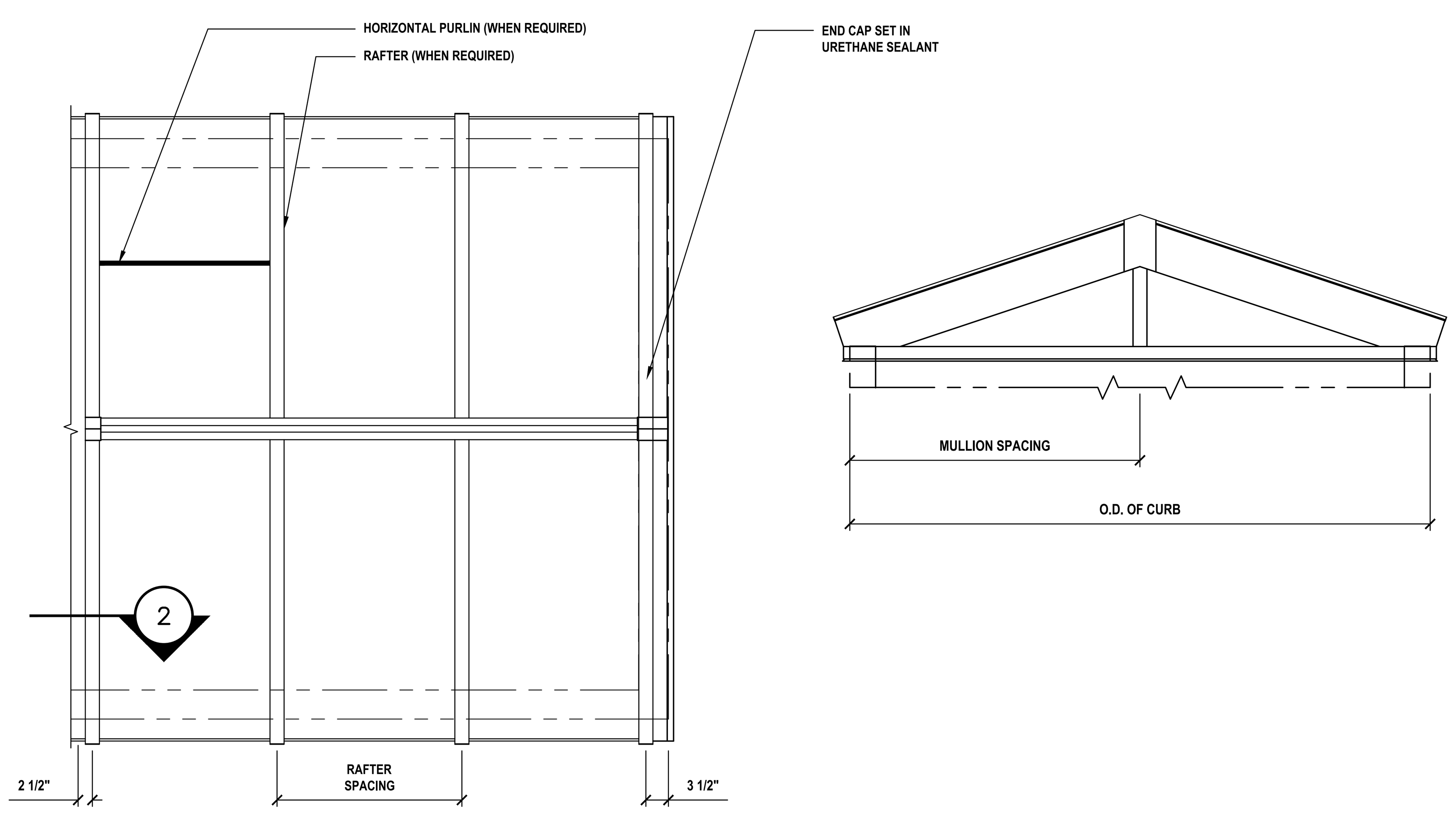
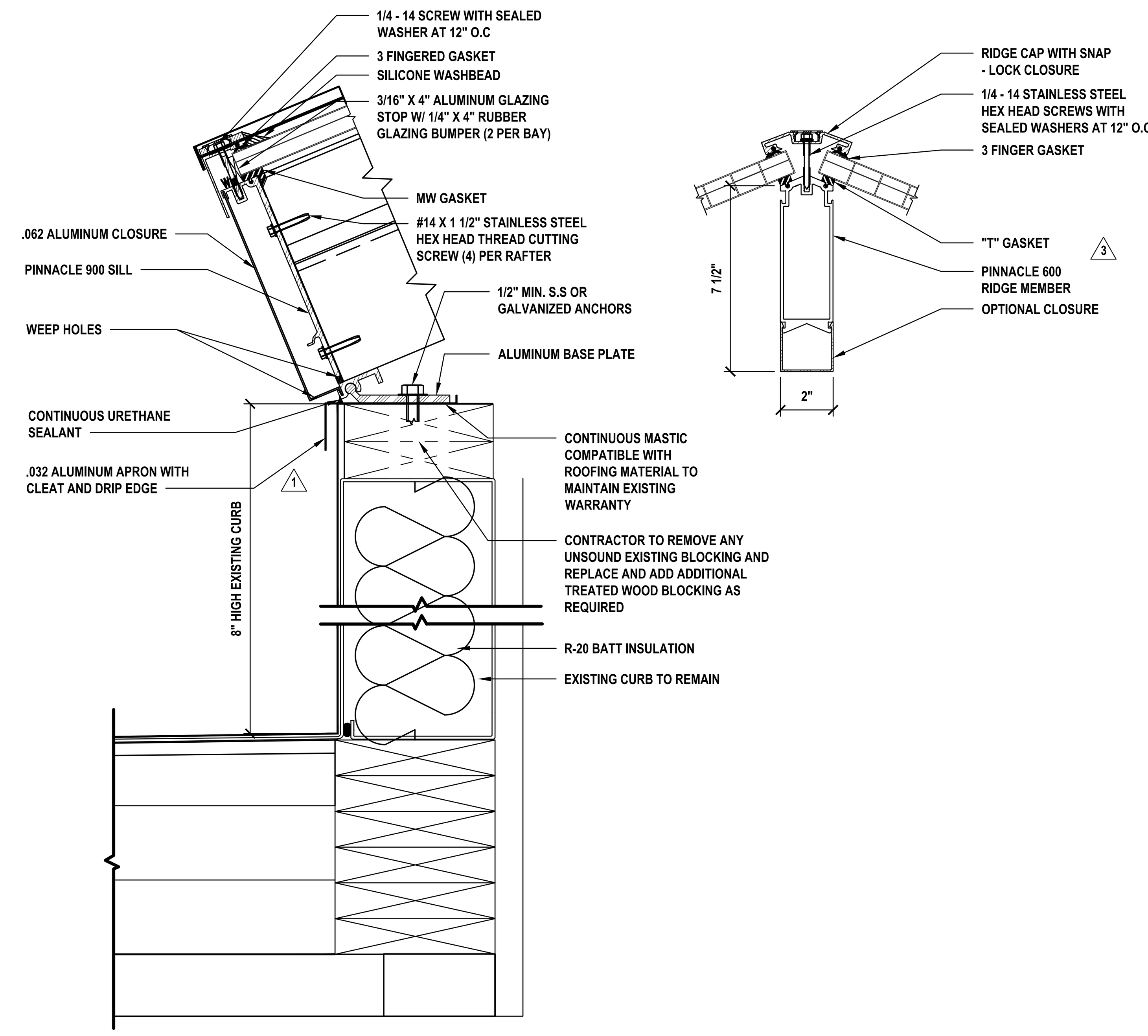
SHEET TITLE
WEST & EAST SIDE ELEVATIONS

DRAWING No.
A 202.00

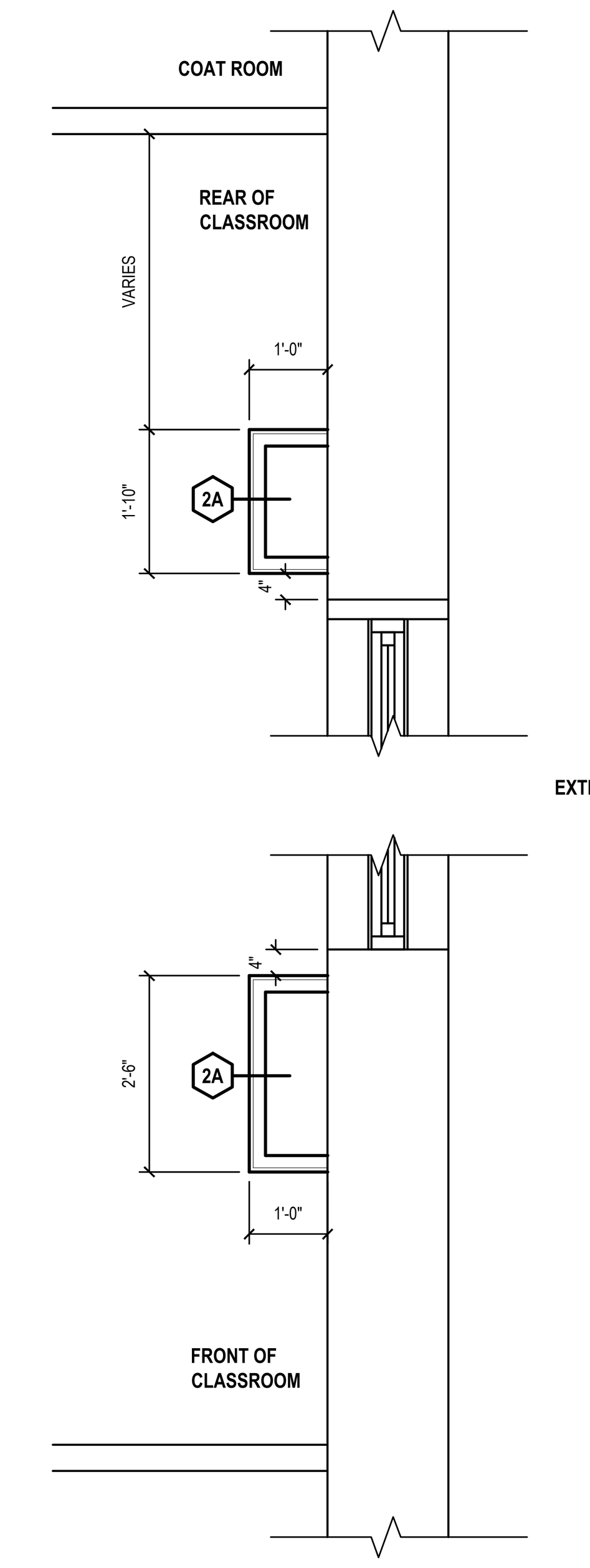


GENERAL NOTES:
1. RAFTER LOCATION BASED ON MANUFACTURERS RECOMMENDATIONS (BASED ON SIZE OF UNIT, TYPE OF GLAZING, CUSTOMER'S REQUEST, ETC.)
2. UNIT PITCHES ARE AVAILABLE IN STANDARD 5:12, 7:12, OR 12:12

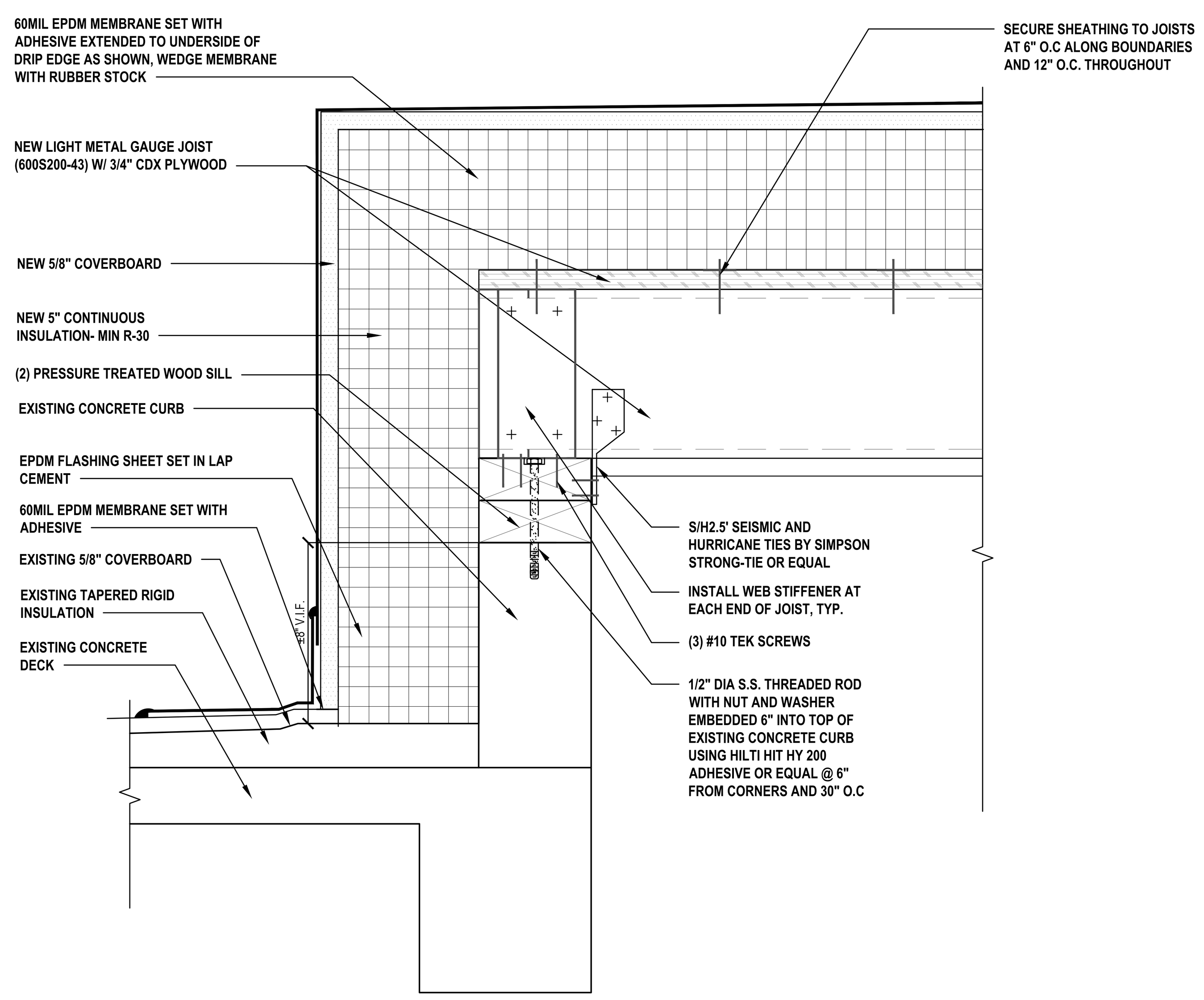
1 Skylight Details
SCALE: 3/4"=1'-0"



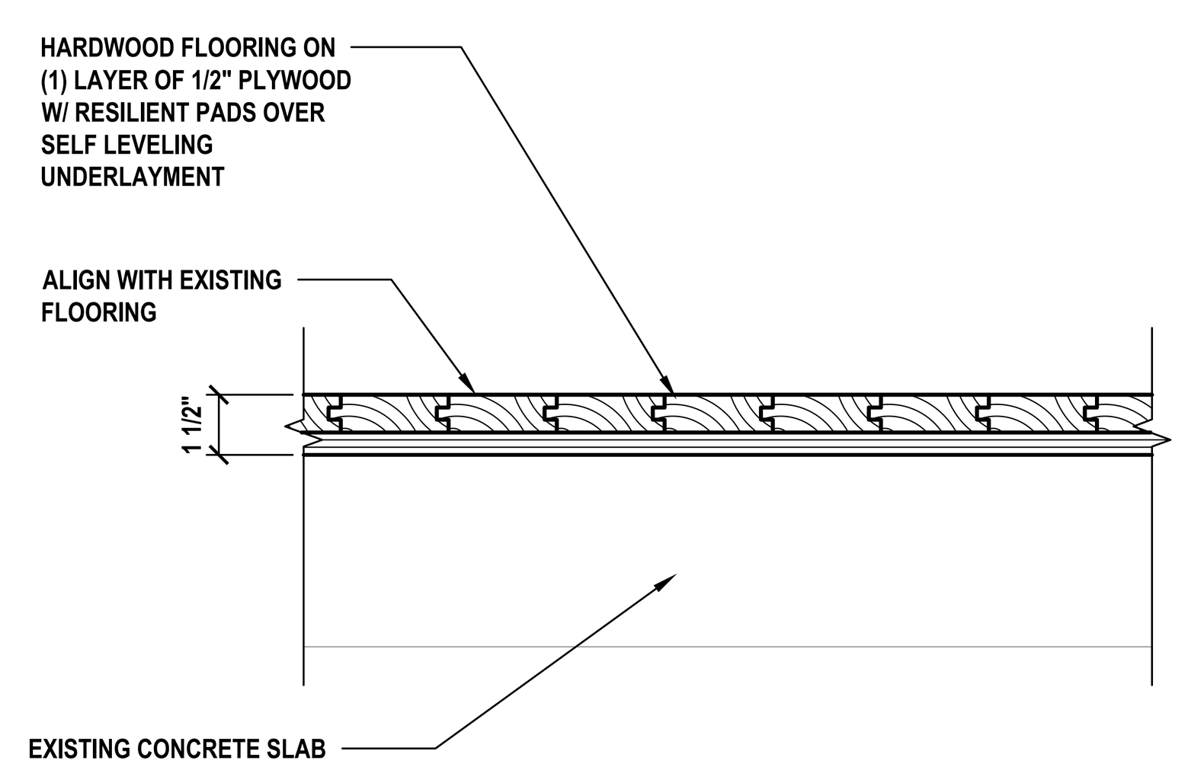
2 Skylight Details
SCALE: 3"=1'-0"



3 Enlarged Pipe Enclosures in Classrooms (Typical)
SCALE: 1/2"=1'-0"

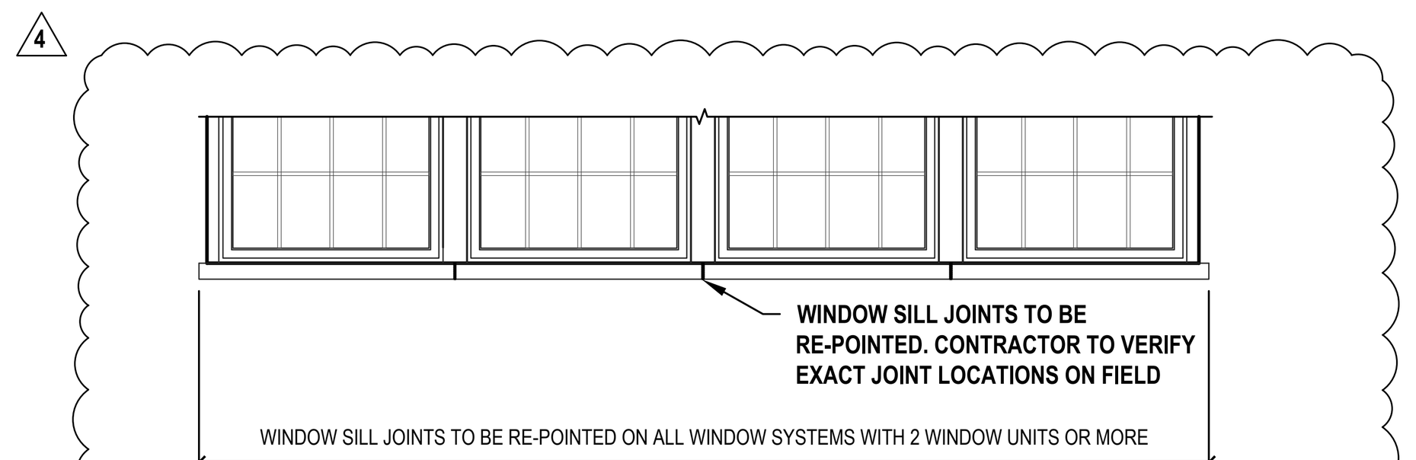


4 Roof Infill Detail
SCALE: 3"=1'-0"



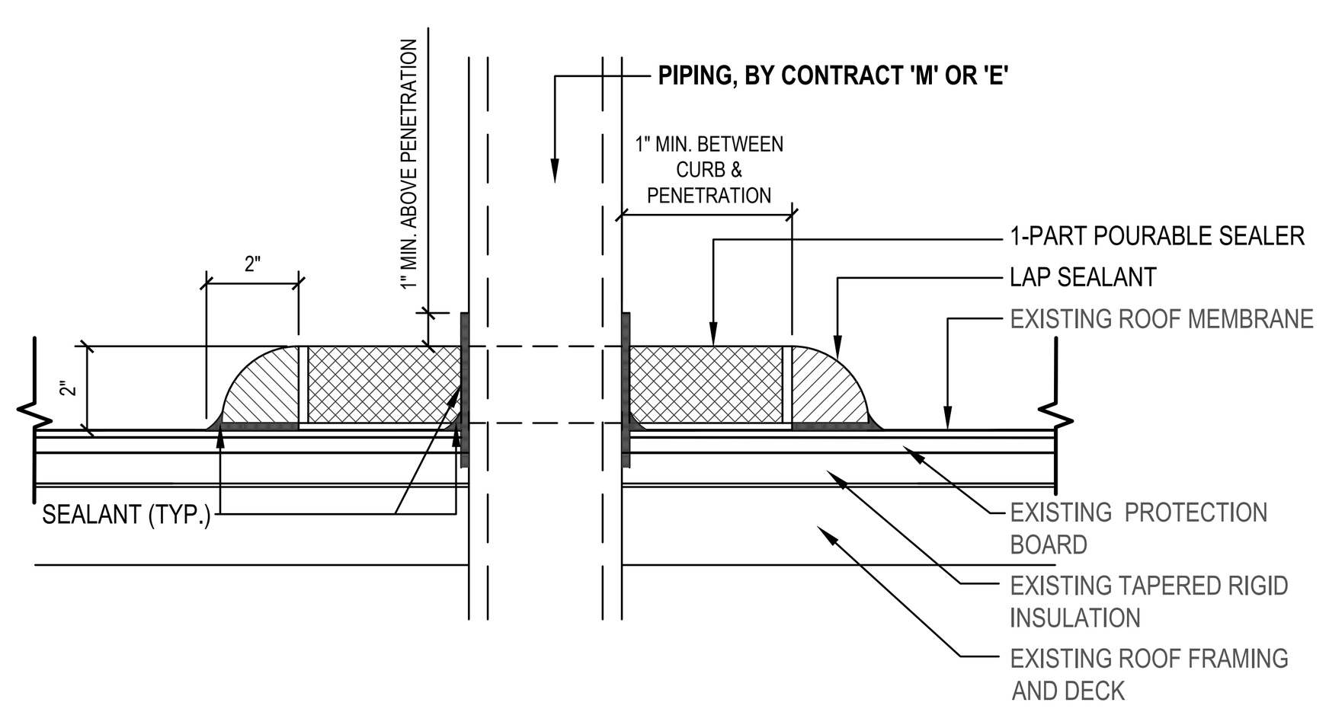
5 New Wood Floor Detail
SCALE: 3"=1'-0"

4

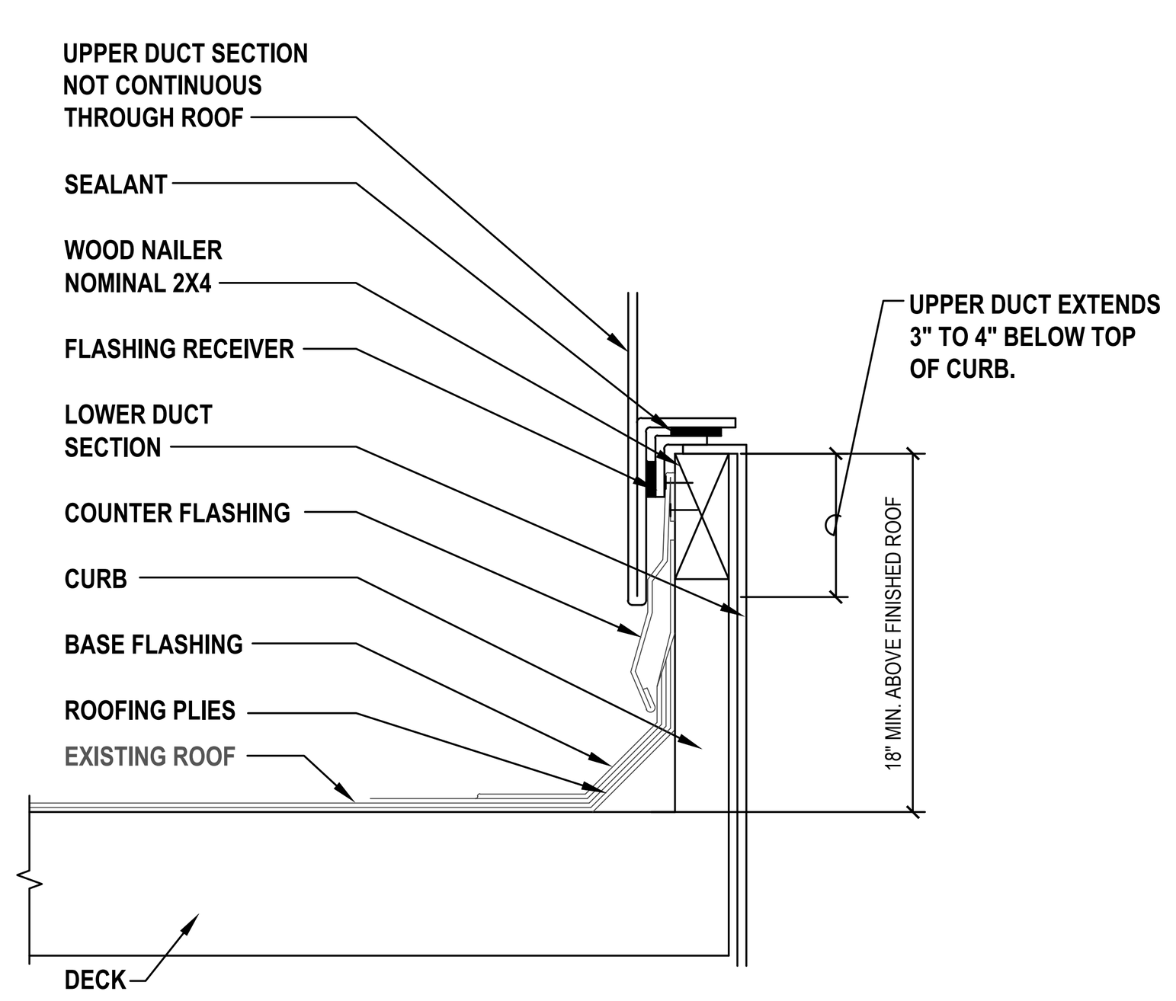


6 Window Sill Re-Pointing
SCALE: 1/4"=1'-0"

3



7 Pitch Pocket Detail
SCALE: NTS



NOTE: ALL ROOFING APPURTENANCES BY CONTRACT 'G'.
ALL MECHANICAL APPURTENANCES BY CONTRACT 'M'.

8 Ductwork Roof Penetration Detail
SCALE: NTS

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CONSULTANTS:

MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
2	05-28-25	FINAL BID SET
3	06-13-25	FINAL BID SET - ADDENDUM #3
4	06-20-25	FINAL BID SET - ADDENDUM #4

KEVIN M. MEDLER, R.A. EXP. DATE
NY REGISTERED ARCHITECT Lic. No. 038379
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
CWP	NL	CWP	KMM

PROJECT No.:	DATE:	SCALE:
WPSD2401	JUNE 2025	AS SHOWN

CLIENT
White Plains City School District

Renovations at Rochambeau Alternate High School

228 Fisher Avenue
White Plains, NY 10606

SED #66-22-00-01-0-015-020

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION
CONTRACT W
WINDOW REPLACEMENT

STATUS
FINAL BID DOCUMENT

SHEET TITLE
SKYLIGHT AND MISCELLANEOUS DETAILS

DRAWING No.
A 501.00

LEGEND

SYMBOL	DESCRIPTION
	PIPING UP
	PIPING DOWN
	PIPING RISE OR DROP
	BRANCH-TOP CONNECTION
	BRANCH-BOTTOM CONNECTION
	REDUCER
CO CO	CLEANOUT
	FLOOR CLEANOUT
	CAPPED PIPE
M	METER
	FLOOR DRAIN
	AQUASTAT
	PUMP
	STRAINER
	UNION
	THERMOSTATIC MIXING VALVE
	BALANCING VALVE (BLV)
	GLOBE VALVE (GLV)
	CHECK VALVE (CV)
	GAS COCK, GAS STOP
	BALL VALVE (BV)
	BUTTERFLY VALVE (BFV)
S	SOLENOID VALVE
	PRESSURE-REDUCING VALVE (PRV)
	GATE VALVE (GV)
	PRESSURE-RELIEF VALVE (RV)
	BACKFLOW PREVENTER
	FROST FREE HOSE BIBB
	HOSE BIBB
	RECESSED-BOX HOSE BIBB OR WALL HYDRANT
	EXPANSION JOINT
	WATER HAMMER ARRESTER
	VALVE IN RISER
CO	WALL CLEANOUT (WCO)
	PITCH DOWN OR UP IN DIRECTION OF ARROW
	COLD WATER (CW)
	TEMPERED WATER (TW)
	HOT WATER (HW)
	TEMPERED WATER RETURN (TWR)
	HOT WATER RETURN (HWR)
	WASTE PIPING (W,S,OW)
	BELOW SLAB WASTE PIPING
	VENT PIPING (V)
	GAS PIPING (G)
	TO BE REMOVED
	POINT OF CONNECTION
	POINT OF DISCONNECTION

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
CLG	CEILING
CO	CLEAN OUT
CODP	CLEAN OUT DECK PLATE
COWP	CLEAN OUT WALL PLATE
CW	COLD WATER
(D)	DEMOLISH
DCV	DOUBLE CHECK VALVE DEVICE
DEG. F	° FAHRENHEIT
DIA	DIAMETER
DN	DOWN
(E)	EXISTING
EA	EACH
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
G	GAS
'GC'	GENERAL CONSTRUCTION CONTRACTOR
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
'H'	HVAC CONTRACTOR
HP	HORSEPOWER
HW	HOT WATER
HWR	HOT WATER RETURN
IN.	INCHES
IN. W.C. (W.G.)	INCHES WATER COLUMN (WATER GAUGE)
KW	KILOWATTS
LBS	POUNDS
M	METER
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OD	OUTER DIAMETER
(P)	PROPOSED
'P'	PLUMBING CONTRACTOR
PD	PRESSURE DROP
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAN / S	SANITARY
ST	STORM DRAIN
TEMP	TEMPERATURE
TYP	TYPICAL
TW	TEMPERED WATER (110°F)
TWR	TEMPERED WATER RETURN
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE

DEMOLITION NOTES

GENERAL

1. PRIOR TO PROPOSAL SUBMISSION, THE CONTRACTOR SHALL VISIT THE SITE TO REVIEW THE EXISTING CONDITIONS ASSOCIATED WITH THE SCOPE OF WORK TO ASCERTAIN THE DIFFICULTIES WHICH WILL AFFECT THE EXECUTION OF THE WORK INCLUDING PIPING ACCESS.
2. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE ABOVE SITE EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
3. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
4. DEMOLITION WORK SHALL INCLUDE ALL MATERIALS, LABOR, EXTENSIONS, CONNECTIONS, CUTTING, REPAIRING, ADAPTING AND OTHER PLUMBING WORK REQUIRED TO MAINTAIN SERVICE IF REQUIRED. COORDINATE THE EXTENT OF DEMOLITION WORK WITH THE ARCHITECT AND BUILDING OWNER.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS. COORDINATE WITH OWNER FOR ANY EQUIPMENT OR FIXTURES TO BE KEPT ON SITE.
6. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL EXISTING CONDITION SURFACES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT.
7. ALL EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH PROPOSED NEW PLUMBING (AS WELL AS ELECTRICAL, MECHANICAL AND GENERAL CONSTRUCTION WORK) SHALL BE RELOCATED AND RECONNECTED USING MATERIALS CONFORMING TO STANDARDS OF THIS CONTRACT.

PIPING SCOPE OF WORK

1. REMOVE ALL ABANDONED BASE BUILDING PIPING BACK AND CAPPED AT THE EXISTING WET COLUMNS OR SHAFTS, OR AS NOTED ON DRAWINGS.
2. IF THE BUILDING IS TO REMAIN OPERATIONAL, CONTRACTOR SHALL COORDINATE WITH THE BUILDING OWNER ON TIMING OF WORK AND TO PROVIDE A MINIMUM OF 48-HOURS IN ADVANCE.
3. PROVIDE ADDITIONAL SUPPORT FOR ALL EXISTING PIPING TO REMAIN WHICH ARE AFFECTED BY DEMOLITION OF EXISTING CEILING AND PARTITIONS.

PLUMBING FIXTURE SCOPE OF WORK

1. ALL FIXTURES INDICATED ON THE PLANS DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE COMPLETELY REMOVED AND DISPOSED OF. SCOPE TO INCLUDE ALL PLUMBING FIXTURES INCLUDING, SINKS, FAUCETS, FLOOR DRAINS, STOP VALVES AND ALL DEVICES USED TO SECURE THESE FIXTURES IN PLACE.
2. PRIOR TO THE REMOVAL OF FIXTURES, THE CONTRACTOR SHALL MAKE ALL NECESSARY DISCONNECTS AND CAPPINGS AND WORK REQUIRED TO ACCESS THE PIPING WITHIN CHASES AND WALLS. THE CONTRACTORS SHALL SHUT WATER OFF TO THE FIXTURES AND REPLACE ANY DAMAGED VALVES WITHIN THE SCOPE OF WORK AREA.
3. FLUSH AND SNAKE ALL SANITARY/WASTE LINES BACK TO THEIR ASSOCIATED RISERS PRIOR TO THE START OF THE WORK.

GENERAL PLUMBING NOTES

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PLUMBING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2. THE CONTRACTOR, BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO THE SUBMISSION OF BIDS.
3. PERFORM ALL WORK IN ACCORDANCE WITH THE 2020 PLUMBING CODE OF NEW YORK STATE (PCNYS), MECHANICAL (MCNYS), ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCCNYS) CODE AND THE REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
4. APPLY FOR AND SECURE ALL REQUIRED PERMITS AND INSPECTIONS AND PAY ALL COSTS FOR THE SAME.
5. DO NOT SCALE DRAWINGS. DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE.
6. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURERS REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE, CONTRACTORS INTENDED MEANS AND METHODS OF INSTALLATION AND CONTRACTORS FABRICATED ITEMS TO ENSURE A PROPER "FIT" AND INSTALLATION. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE SUBMITTAL PHASE FOR RESOLUTION PRIOR TO PURCHASING ANY EQUIPMENT.
7. FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK. OBTAIN THE APPROVAL OF THE ARCHITECT/ENGINEER FOR MODIFICATIONS.
8. PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
9. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. REFER TO DETAILS FOR ADDITIONAL PIPING AND EQUIPMENT INSTALLATION REQUIREMENTS.
10. LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE UP- AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER TO ENSURE MANUFACTURER CERTIFIED ACCURACY.
11. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
12. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.
13. COMPLETE ALL PRESSURE TESTS BEFORE ANY PLUMBING EQUIPMENT, OR PIPING INSULATION IS APPLIED.
14. MAKE ALL ATTACHMENTS TO JOISTS, TRUSSES, OR JOIST GIRDERS AT PANEL POINTS. PROVIDE BEAM CLAMPS MEETING MSS STANDARDS. THE USE OF C-CLAMPS IS NOT PERMITTED.
15. PROVIDE CONCRETE PADS A MINIMUM OF 4 INCHES HIGH FOR ALL FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4 INCHES BEYOND THE EQUIPMENT ON ALL SIDES.
16. INSTALL PIPING, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
17. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL ACCESSIBLE FIXTURES. MOUNT ALL SUCH FIXTURES IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
18. PROVIDE ACCESS DOORS IN WALLS, PARTITIONS, AND CEILINGS AS REQUIRED TO MAKE VALVES, WATER HAMMER ARRESTERS, ETC. READILY ACCESSIBLE.
19. ARRANGE FOR, COORDINATE, AND MAKE CONNECTION TO ALL SERVICES PROVIDED BY OTHERS. CONFORM TO ALL REQUIREMENTS APPLICABLE TO CONNECTIONS IMPOSED BY UTILITY COMPANIES AND AUTHORITIES HAVING JURISDICTION.
20. INSTALL FIXTURES AND EQUIPMENT WITH VALVES, UNIONS, ETC. TO ALLOW FOR EASE OF SERVICE AND/OR REMOVAL.
21. PROVIDE A CLEANOUT AT THE BASE OF WASTE AND VENT STACKS WITH A FINISHED WALL PLATE IN FINISHED WALLS.
22. FURNISH AND INSTALL WATER PRESSURE REDUCING VALVE AND PRESSURE RELIEF VALVE IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE ON ALL INCOMING DOMESTIC WATER SYSTEMS IN EXCESS OF 80 P.S.I.G.
23. SLOPE ALL VENT PIPING TO DRAIN BACK TO THE DRAINAGE SYSTEM.
24. FLUSH AND DISINFECT ALL DOMESTIC POTABLE WATER PIPING AND TEST THE WATER IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE. PROVIDE CERTIFICATE OF PERFORMANCE AND LABORATORY TEST REPORT TO LOCAL AUTHORITIES HAVING JURISDICTION AND OBTAIN THEIR APPROVAL.
25. PROVIDE WATER HAMMER ARRESTORS AT ALL QUICK CLOSING FIXTURE VALVE LOCATIONS.
26. ALL PIPING, VALVES AND FITTINGS USED FOR POTABLE WATER SHALL BE NSF 61/372 COMPLIANT AND BE TESTED FOR LOW LEAD.
27. ANY PENETRATIONS THROUGH AIR BARRIER SHALL BE SEALED AS PER 2020 BCNYS AND COMMERCIAL PROVISIONS .
28. ALL PIPING IN PLENUM SPACES SHALL BE CAST IRON FOR SANITARY, STORM, VENT SYSTEMS, AND COPPER PIPING FOR DOMESTIC SYSTEMS, AND STEEL PIPING FOR GAS SYSTEMS. NO PLASTIC PIPING ALLOWED.
29. HOT WATER TEMPERATURE FOR ALL PUBLIC HAND WASHING FIXTURES SHALL BE TEMPERED TO A MAXIMUM TEMPERATURE OF 110 DEGREES F.
30. ALL FIXTURES SHALL MEET THE WATER CONSERVATION REQUIREMENTS LISTED IN THE TABLE 604.4 OF THE 2020 PLUMBING CODE OF NEW YORK STATE.
31. ALL FIXTURES THAT HAS THE ABILITY TO HAVE A HOSE CONNECTED TO IT, OR DIRECT CONNECTED FIXTURES, SHALL HAVE A BACKFLOW PREVENTION DEVICE ON THE FAUCET, VACUUM BREAKER (ASSE 1052 AND ASME A112.21.3).
32. ALL SANITARY FITTINGS SHALL BE 'WYE' TYPE AND SHALL FOLLOW THE DIRECTION OF FLOW.
33. IN THE EVENT THAT THERE IS A DISCREPANCY BETWEEN DESIGN PLANS, RISER DIAGRAMS, AND/OR SPECIFICATIONS CONCERNING PIPE SIZES, FIXTURES, AND/OR EQUIPMENT, THE MOST STRINGENT REQUIREMENTS SHALL BE APPLIED TO THE PROJECT.
34. FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, CONDUIT, ETC.
35. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE FROM FINISHED FLOOR TO UNDERSIDE OF PIPES, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.
36. CORE DRILL ALL PENETRATIONS THROUGH CONCRETE FLOORS, WALLS, AND FOOTINGS.
37. INSTALL LINK SEAL TYPE PROTECTION FOR WATER RESISTANT SEALS AT ALL SLAB AND BELOW GROUND WALL FOOTING PENETRATIONS.
38. COVER ALL COPPER PIPING BELOW SLAB WITH *ARMAFLEX* TYPE INSULATION.

ENERGY NOTES

2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE NOTES: STATEMENT OF COMPLIANCE:

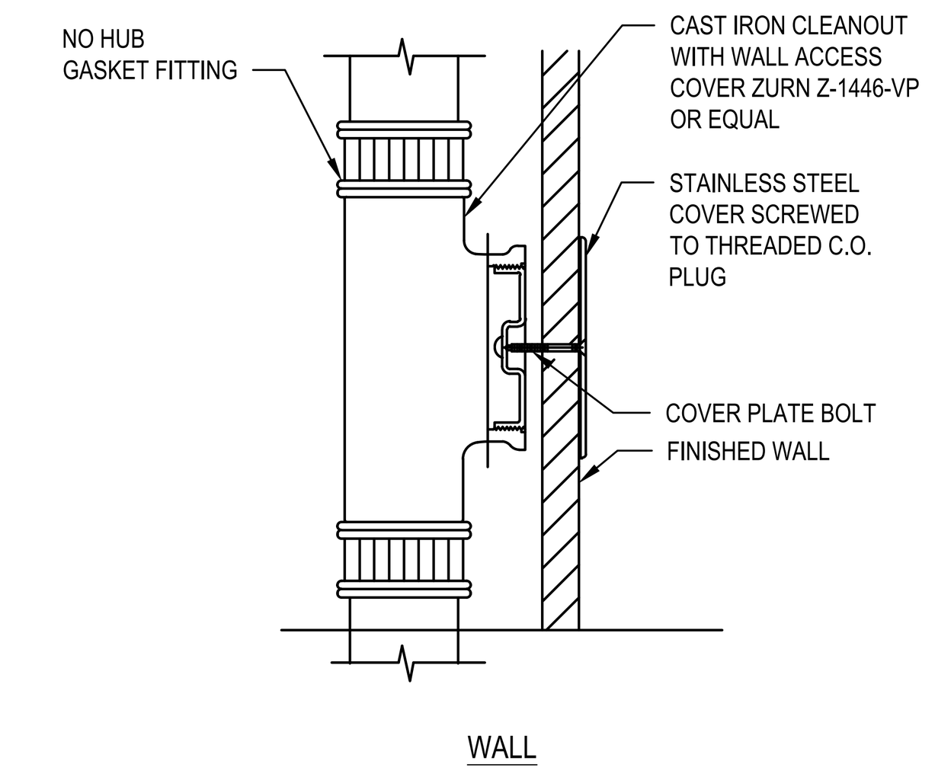
TO THE BEST OF MY KNOWLEDGE, AND PERSONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK STATE ENERGY CONSERVATION CODE (ECCCNYS).

1. SERVICE WATER HEATING EQUIPMENT PERFORMANCE EFFICIENCY:
   - 1.1. WATER HEATING EQUIPMENT AND HOT WATER STORAGE TANKS SHALL MEET THE REQUIREMENTS OF TABLE C404.2 IN THE 2020 ECCCNYS. (ECCCNYS C404.2)
   - 1.2. SERVICE WATER HEATING SHALL BE COMMISSIONED AND COMPLETED IN ACCORDANCE WITH SECTION C408.2 OF THE 2020 ECCCNYS.
2. TEMPERATURE CONTROL:
   - 2.1. SERVICE WATER HEATING EQUIPMENT SHALL BE PROVIDED WITH CONTROLS ALLOWING A SETPOINT OF 110°F AND 90 °F FOR OTHER OCCUPANCIES. PUBLIC REST ROOM LAVATORIES SHALL HAVE A MAXIMUM OUTLET TEMPERATURE OF 110°F.
   - 2.2. WHERE WATER HEATING EQUIPMENT SERVING NONCIRCULATING SYSTEMS IS NOT SUPPLIED WITH INTEGRAL HEAT TRAPS, HEAT TRAPS SHALL BE PROVIDED ON THE SUPPLY AND DISCHARGE PIPING. (ECCCNYS C404.3)
3. PIPE INSULATION:
   - 3.1. AUTOMATIC CIRCULATING HOT WATER SYSTEM PIPING SHALL BE INSULATED WITH 1 INCH OF INSULATION WITH A CONDUCTIVITY NOT EXCEEDING 0.27 BTU PER INCH, OR THE INSULATION REQUIREMENTS, WHICHEVER IS GREATER. THE FIRST 8 FT OF PIPING IN NONCIRCULATING SYSTEMS WITH EQUIPMENT WITHOUT INTEGRAL HEAT TRAPS SHALL BE INSULATED WITH 0.5 INCH OF MATERIAL HAVING A CONDUCTIVITY NOT EXCEEDING 0.27 BTU PER INCH, OR THE INSULATION REQUIREMENTS, WHICHEVER IS GREATER. (ECCCNYS C404.5)
   - 3.2. ALL PIPING TO BE INSULATED WITH 0.21-0.28 CONDUCTIVITY
   - 3.3. COLD WATER PIPING - ALL SIZES - 1-INCH INSULATION, A.S. JACKET.
   - 3.4. STORM DRAINAGE PIPING ALL HORIZONTAL RUNS AND DRAIN BODY - MINIMUM 1-INCH INSULATION, A.S. JACKET.
   - 3.5. HOT WATER PIPING (140°F) AND TEMPERED WATER PIPING (110°F)
     - 3.5.1. PIPE SIZE: < 1" INSULATION: 1"
     - 3.5.2. PIPE SIZE: 1" TO < 1-1/2" INSULATION: 1"
     - 3.5.3. PIPE SIZE: 1-1/2 TO < 4" INSULATION: 1.5"
     - 3.5.4. PIPE SIZE: 4" TO < 8" INSULATION: 1.5"
4. HOT WATER SYSTEM CONTROLS:
   - 4.1. CIRCULATING HOT WATER SYSTEM PUMPS OR HEAT TRACE SHALL BE ARRANGED TO BE TURNED OFF EITHER AUTOMATICALLY OR MANUALLY WHEN THERE IS LIMITED HOT WATER DEMAND. READY ACCESS SHALL BE PROVIDED TO THE OPERATING CONTROLS. (ECCCNYS C404.6)
5. PIPE VOLUME AND MAXIMUM LENGTHS
   - 5.1. PER SECTION OF C404.5.1 OF THE 2020 ECCCNYS, ALL MAXIMUM PIPE LENGTHS FROM FIXTURES SHALL COMPLY WITH THE MAXIMUM PIPE LENGTHS ON THE CHART BELOW. CONTRACTOR TO ENSURE HOT WATER RETURN PIPING IS INSTALLED AS PER PLANS AND THAT THESE LENGTHS ARE MAINTAINED.

NOMINAL PIPE SIZE (INCHES)	VOLUME (LIQUID OUNCES PER FOOT LENGTH)	MAXIMUM PIPING LENGTH (FEET)	
		PUBLIC LAVATORY FAUCETS	OTHER FIXTURES AND APPLIANCES
1/4"	0.33	6	50
1/2"	1.5	2	43
3/4"	3	0.5	21
1"	5	0.5	13
1-1/4"	8	0.5	8
1-1/2"	11	0.5	6
2" OR LARGER	18	0.5	4

LEAD FREE NOTE:

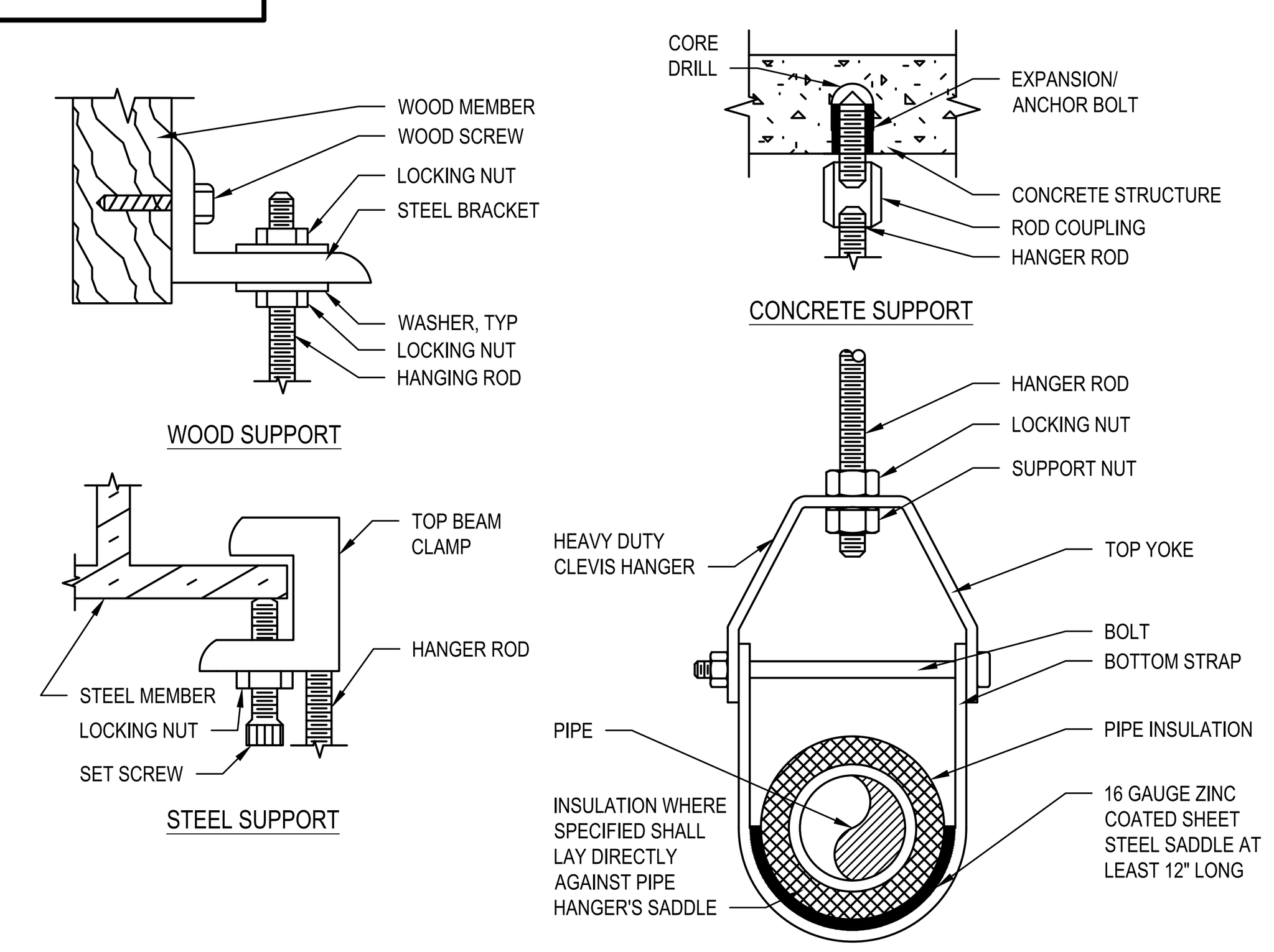
1. ALL FAUCETS, FITTINGS, AND VALVES MUST COMPLY WITH NSF 61 AND ASTM 372 FOR LOW LEAD PERCENTAGE.
2. CONTRACTOR SHALL BE RESPONSIBLE TO DEMONSTRATE COMPLIANCE WITH THE NYS DEPARTMENT OF HEALTH LEAD IN WATER REGULATION (10 NYCRR 67-4).
3. AT THE CONCLUSION OF NEW PLUMBING WORK, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE SERVICES OF A THIRD PARTY NYS LICENSED ENVIRONMENTAL TESTING LABORATORY TO PROVIDE LEAD TESTING AT ALL NEW LAVATORIES, SINKS, SHOWERS, DRINKING FOUNTAINS AND ALL OTHER FIXTURES WHERE WATER MAY BE CONSUMED FOR DRINKING. TWO COPIES OF THE REPORT MUST BE SUBMITTED, ONE COPY TO THE ENGINEER AND THE OTHER ONE TO THE OWNER.



2 **Cleanout Details**
SCALE: NTS

HANGER SPACING		
PIPING MATERIAL	MAX. HORIZONTAL (FT)	MAX. VERTICAL (FT)
POLYETHYLENE	2.67	4
PEX	2.67	10
CPVC 1" OR SMALLER	3	10
ABS/PVC/CPVC (>1")	4	10
CAST-IRON	5	15
COPPER (<1-1/2)	6	10
COPPER (≥ 1-1/2")/BRASS)	10	10
STEEL	12	15

HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE (DIA.)	PIPE SIZE	ROD SIZE (DIA.)
≤ 2"	3/8"	4" THRU 5"	5/8"
2 1/2" THRU 3 1/2"	1/2"	6" THRU 8"	3/4"



1 **Pipe Hanger Detail**
SCALE: NTS

PLUMBING FIXTURE SCHEDULE

FIXTURE TAG	DESCRIPTION	BASIS OF DESIGN		TRIM / FAUCET				MINIMUM CONNECTION SIZES							SPECIFICATION	REMARKS
		MAKE	MODEL	MAKE	MODEL	OPERATION	MAX FLOW	COLD WATER SIZE	COLD WATER WFU	HOT WATER SIZE	HOT WATER WFU	DRAIN SIZE	DRAIN DFU	VENT		
LAV-1	LAVATORY - WALL MOUNT - SENSOR FAUCET	SLOAN	AD-81000 RUSH STREET	SLOAN	EBF-415	SENSOR BATTERY	0.5 GPM	1/2"	0.5	1/2"	0.5	1-1/2"	1	1-1/2"	SINK: SLOANSTONE RUSH STREET, WALL MOUNTED SQUARE FRONT SINK, 30" W X 34" H, ADA COMPLIANT FAUCET: DECK MOUNTED, ADA COMPLIANT, INTEGRATED SIDE MIXER, VANDAL RESISTANT, CHROME, WITH 0.5 GPM AERATOR. COMPLIES WITH ASME A117.1 AND NSF 372. INCLUDE PK00.PAC PLUG-IN AC POWER KIT.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP. PROVIDE CARRIER SUPPORT WATTS WCA-411 OR APPROVED EQUAL. HOT WATER SHALL NOT EXCEED 105°F. INSULATE ALL EXPOSED DRAIN AND SUPPLY PIPING WITH TRUBRO LAVGUARD. PROVIDE EHD-420-CP-HEPA HAND DRYER AND ESD-410-BN SOAP DISPENSER.
LAV-2	LAVATORY - WALL MOUNT - SENSOR FAUCET	KOHLER	KINGSTON K-2005	AMERICAN STANDARD	7500.170	MANUAL	0.5 GPM	1/2"	0.5	1/2"	0.5	1-1/2"	1	1-1/2"	SINK: VITREOUS CHINA, ADA HEIGHT, WALL MOUNTED ROUND FRONT SINK, 19" W X 19" H, ADA COMPLIANT FAUCET: DECK MOUNTED, VANDAL RESISTANT, CHROME, WITH 1.5 GPM AERATOR. COMPLIES WITH ASME A117.1 AND NSF 372. INCLUDE BRADLEY S19-200B FAUCET MOUNTED EYEWASH.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES, AND 1-1/2" BRASS P-TRAP. PROVIDE CARRIER SUPPORT WATTS WCA-411 OR APPROVED EQUAL. HOT WATER SHALL NOT EXCEED 105°F.
WC-1	WATER CLOSET - WALL MOUNTED - TOP SPUD	SLOAN	WETS-2450.1201	SLOAN	SOLIS 8111	SENSOR BATTERY	1.28 GPF	1"	10	- - -	- - -	3"	4	1-1/2"	TOILET: VITREOUS CHINA, ELONGATED, ADA HEIGHT, ASME A112.19.2. PROVIDE TOILET SEAT CHURCH 295CT OR APPROVED EQUAL. MINIMUM OF 25 PSI. FLUSH VALVE: CONCEALED SENSOR FLUSHOMETER VALVE, 1.28 GPF, ROUGH BRASS FINISH, FIXTURE CONNECTION REAR SPUD, SOLAR BATTERY CHARGER, TRUE MECHANICAL OVERRIDE, SMALL WALL BOX.	PROVIDE CARRIER SUPPORT WATTS ISCA SERIES OR APPROVED EQUAL. SEE PLANS FOR PIPE ROUTING AND FOR SPECIFIC CARRIER ORIENTATION. COORDINATE GRAB BAR HEIGHT WITH FLUSHVALVE.
WC-2	WATER CLOSET - FLOOR MOUNTED - FLOOR OUTLET - ADA COMPLIANT - TOP SPUD	SLOAN	ST-2029	SLOAN	SOLIS 8111	SENSOR BATTERY	1.28 GPF	1"	10	- - -	- - -	3"	4	1-1/2"	TOILET: VITREOUS CHINA, ELONGATED, ADA HEIGHT, ASME A112.19.2. PROVIDE TOILET SEAT CHURCH 295CT OR APPROVED EQUAL. MINIMUM OF 25 PSI. FLUSH VALVE: CONCEALED SENSOR FLUSHOMETER VALVE, 1.28 GPF, ROUGH BRASS FINISH, FIXTURE CONNECTION REAR SPUD, SOLAR BATTERY CHARGER, TRUE MECHANICAL OVERRIDE, SMALL WALL BOX.	COORDINATE GRAB BAR HEIGHT WITH FLUSH VALVE.
SK-1	ART ROOM TROUGH SINK - ADA	ELKAY	LK50-13037A	ADVANCE TABCO	ELKAY	LK940TS08T4S	1.5 GPM	3/4"	1	3/4"	1	1/2"	2	1-1/2"	SINK: 3-DRAIN THROUGH SINK ON LEGS WITH BASIN DIMENSIONS 104"W X 26.5"L X 14"D. 14 GAUGE 304 STAINLESS STEEL GRID STRAINERS. SINK TO COMPLY WITH ASME A112.19.3. FAUCET: FOUR 8" O.C. BACK MOUNTED FAUCETS WITH 8" SWING SPOUTS AND 4" WRIST BLADE HANDLES	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES. PROVIDE SOLIDS INTERCEPTOR CT-1 BELOW SINK. SEE INTERCEPTORS SCHEDULE FOR MORE INFORMATION.
SK-2	SCIENCE ROOM - ADA	LEONARD PETERSON & COMPANY, INC	P362434-HC	ELKAY	LK406GN04T4	MANUAL	1.5 GPM	1/2"	0.5	1/2"	0.5	1-1/2"	1	1-1/2"	SINK: DROP IN SINK, STAINLESS STEEL ADA COMPLIANT, RECTANGULAR SINK, 36" X 24" X 24". FAUCET: DECK MOUNTED, VANDAL RESISTANT, CHROME, WITH 1.5 GPM AERATOR. COMPLIES WITH ASME A117.1 AND NSF 372.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES.
SK-3	SCIENCE ROOM SINK - INSTRUCTOR	LEONARD PETERSON & COMPANY, INC	E363034	ELKAY	LK406GN04T4	MANUAL	1.5 GPM	1/2"	0.5	1/2"	0.5	1-1/2"	1	1-1/2"	SINK: DROP IN SINK, STAINLESS STEEL ADA COMPLIANT, RECTANGULAR SINK, 36" X 30" X 24". FAUCET: DECK MOUNTED, VANDAL RESISTANT, CHROME, WITH 1.5 GPM AERATOR. COMPLIES WITH ASME A117.1 AND NSF 372.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES.
SK-4	SCIENCE ROOM SINK - INSTRUCTOR	-	-	ELKAY	LK406GN04T4	MANUAL	1.5 GPM	1/2"	0.5	1/2"	0.5	1-1/2"	1	1-1/2"	SINK: PROVIDED BY OWNER FAUCET: DECK MOUNTED, VANDAL RESISTANT, CHROME, WITH 1.5 GPM AERATOR. COMPLIES WITH ASME A117.1 AND NSF 372.	PROVIDE BRASS ANGLE STOP VALVES WITH FLEXIBLE STAINLESS STEEL SUPPLIES.
FD-1	FLOOR DRAIN	ZURN	ZN-415-BE	-	-	-	-	-	-	-	-	-	2	2	FLOOR DRAIN: DURA-COATED CAST IRON BODY. POLISHED BRONZE TOP WITH FUNNEL DRAIN	PROVIDE TRAP SEALS: ZURN Z1072. SEE PLANS FOR SIZES.

INTERCEPTORS

EQUIPMENT NO.	LOCATION	BASIS OF DESIGN INFORMATION							REMARKS
		FLUID	FLOW (GPM)	CAPACITY (LBS)	INLET AND OUTLET SIZE	MANUFACTURER	MODEL	NOMINAL DIMENSIONS	
CT-1	ART ROOMS	CLAY	35 GPM	-	2"	STRIEM	AA-2	24.5" DIA. X 23" H	UNIT TO BE FLOOR MOUNTED
SI-1	SCIENCE ROOM	SEDIMENT	15 GPM	5	1-1/2"	ZURN	Z1180	7" DIA. X 12" H	UNIT TO BE MOUNTED IN CASEWORK UNDER SINK

4

H2M architects + engineers

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White Plains, NY 10605
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NY Engineering Certificate of Authorization No. 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
2	05-28-25	FINAL BID SET
4	06-20-25	FINAL BID SET - ADDENDUM #4

STATE OF NEW YORK · JONATHAN RICHARD MURATORE · LICENSED PROFESSIONAL ENGINEER · 096440-1

10/31/2027 EXP. DATE
JONATHAN R. MURATORE, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 096440
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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
CJM	CJM	JRM	JRM

PROJECT No.:	DATE:	SCALE:
WPSD2401	JUNE 2025	AS SHOWN

CLIENT
White Plains City School District

Renovations at Rochambeau Alternate High School

228 Fisher Avenue
White Plains, NY 10606

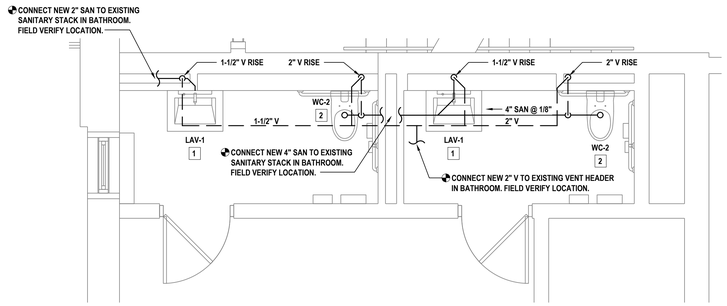
SED #66-22-00-01-0-015-020

CONTRACT
CONTRACT P
PLUMBING CONTRACT

STATUS
FINAL BID DOCUMENT

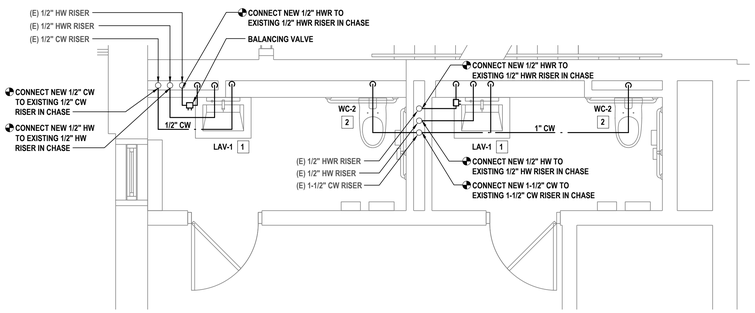
SHEET TITLE
PLUMBING GENERAL NOTES, LEGEND, ABBREVIATIONS, SCHEDULES, AND DETAILS

DRAWING No.
P 001.01



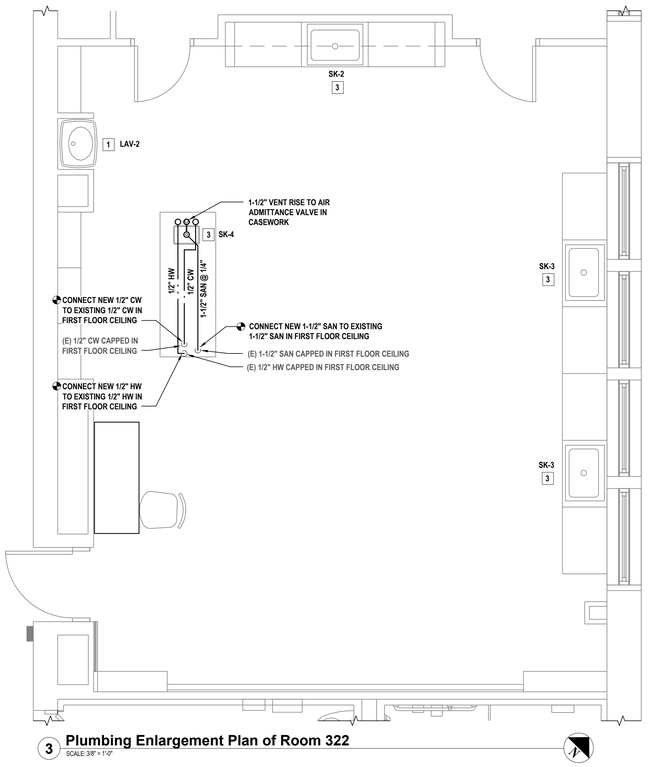
1 Sanitary and Vent Enlargement Plan of Room 123A and 123B

SCALE: 3/8" = 1'-0"



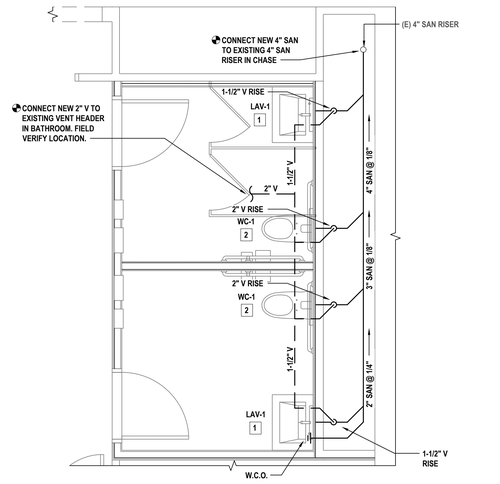
2 Sanitary and Vent Enlargement Plan of Room 123A and 123B

SCALE: 3/8" = 1'-0"



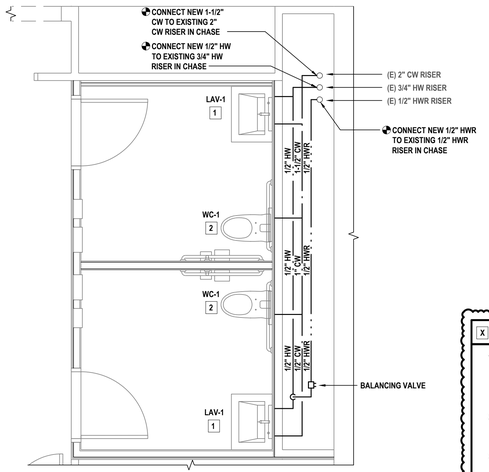
3 Plumbing Enlargement Plan of Room 322

SCALE: 3/8" = 1'-0"



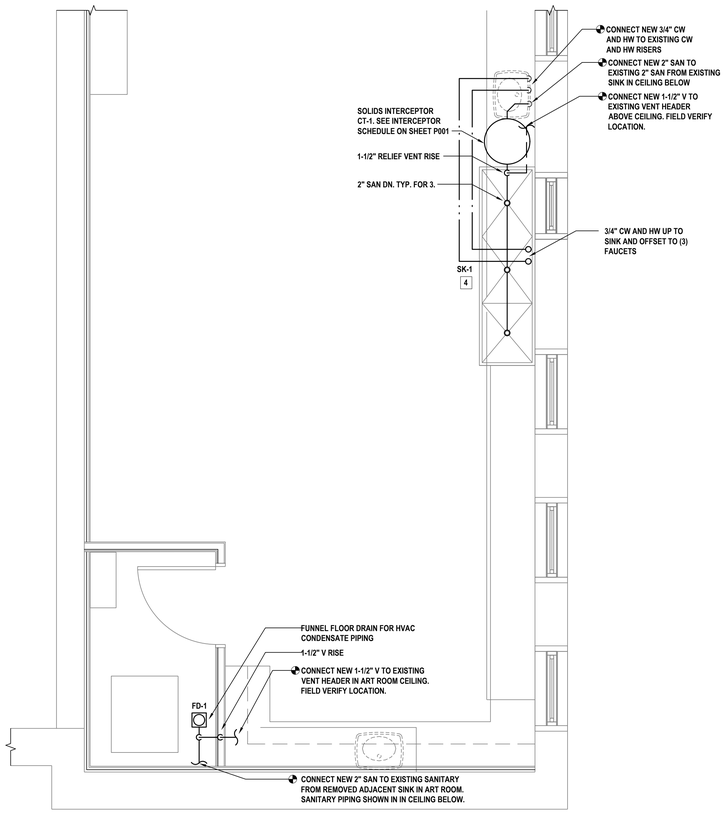
4 Sanitary and Vent Enlargement Plan of Room 317A and 317B

SCALE: 3/8" = 1'-0"



5 Domestic Water Enlargement Plan of Room 317A and 317B

SCALE: 3/8" = 1'-0"

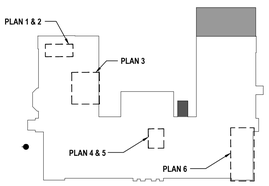


6 Plumbing Enlargement Plan of Art Room Sink

SCALE: 3/8" = 1'-0"

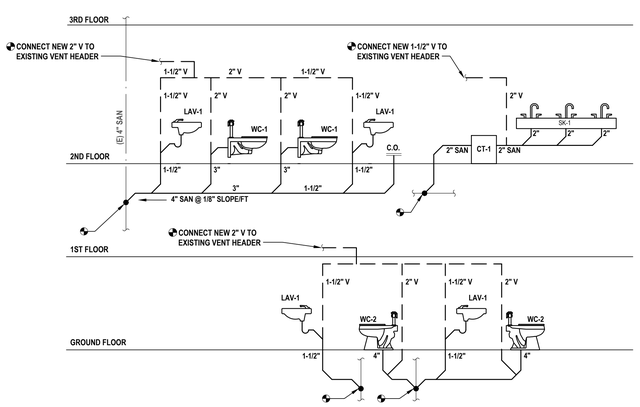
X KEYED PLUMBING NOTES

1. PROVIDE NEW LAVATORY/SINK WITH FAUCET. INSTALL 1/2-INCH COLD AND HOT WATER TO FAUCET WITH NEW STOP VALVES AND STAINLESS STEEL FLEXIBLE HOSES. INSTALL 1-1/2-INCH SANITARY AND VENT TO SINK. ADA INSTALLATIONS SHALL INCLUDE INSULATION AROUND THE DRAIN AND SUPPLY PIPING IN EXPOSED PIPING APPLICATIONS BELOW SINK. PROVIDE TEMPERATURE LIMITING DEVICE FOR ON THE HOT WATER LINE TO ALL HAND SINKS AND SET AT 105°F.
2. PROVIDE NEW WATER CLOSET. INSTALL 1-INCH COLD WATER, 3-INCH SANITARY AND 2-INCH VENT TO TOILET WITH WAX SEAL AND SEALANT. FOR WALL MOUNTED FIXTURE, PROVIDE SUPPORT CARRIER AND MOUNT AS PER THE ARCHITECTURAL SPECIFICATIONS.
3. PROVIDE NEW SINK WITH FAUCET AND GAS COCK. PROVIDE NEW SOLID INTERCEPTOR KIT SI-1 WITHIN BASE CABINETRY. INSTALL 1/2-INCH COLD AND HOT WATER TO FAUCET WITH NEW STOP VALVES AND STAINLESS STEEL FLEXIBLE HOSES. INSTALL 1-1/2-INCH SANITARY AND VENT TO SINK AND CONNECT NEW PIPING TO EXISTING ROUGH-INS. INSTALL 3/8" GAS TO NEW GAS COCK. MODIFY PIPING AS REQUIRED. CONTRACTOR RESPONSIBLE FOR PATCHING AND REPAIRING WALL TO MATCH EXISTING CONDITIONS. ADA INSTALLATIONS SHALL INCLUDE INSULATION AROUND THE DRAIN AND SUPPLY PIPING IN EXPOSED PIPING APPLICATIONS BELOW SINK. PROVIDE TEMPERATURE LIMITING DEVICE FOR ON THE HOT WATER LINE TO ALL HAND SINKS AND SET AT 105°F.
4. PROVIDE NEW SINK WITH (3) FAUCETS. INSTALL 3/4-INCH COLD AND HOT WATER TO FAUCETS WITH NEW STOP VALVES AND STAINLESS STEEL FLEXIBLE HOSES. INSTALL 2-INCH SANITARY AND 1-1/2" VENT TO SINK. ADA INSTALLATIONS SHALL INCLUDE INSULATION AROUND THE DRAIN AND SUPPLY PIPING IN EXPOSED PIPING APPLICATIONS BELOW SINK. PROVIDE TEMPERATURE LIMITING DEVICE FOR ON THE HOT WATER LINE TO ALL HAND SINKS AND SET AT 105°F.



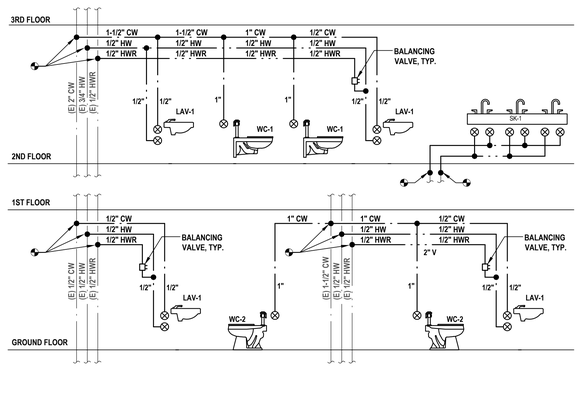
9 Key Plan

SCALE: 1/64" = 1'-0"



7 Sanitary and Vent Riser Diagram of Bathroom

SCALE: NTS



8 Domestic Riser Diagram of Bathroom

SCALE: NTS

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2	05-28-25	FINAL BID SET
4	06-20-25	FINAL BID SET - ADDENDUM #4

STATE OF NEW YORK · JONATHAN RICHARD MURATORE · 098440-1 · LICENSED PROFESSIONAL ENGINEER

10/31/2027
JONATHAN R. MURATORE, P.E. EXP. DATE
NY PROFESSIONAL ENGINEER Lic. No. 098440

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CJM	CJM	JRM	JRM

PROJECT No.:	DATE:	SCALE:
WPSD2401	JUNE 2025	AS SHOWN

CLIENT

White Plains City School District

Renovations at
Rochambeau Alternate
High School

228 Fisher Avenue
White Plains, NY 10606

SED #66-22-00-01-0-015-020

CONTRACT

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PLUMBING CONTRACT

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FINAL BID DOCUMENT

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PLUMBING ENLARGEMENT PLANS AND RISERS

DRAWING No.

P 100.01

CUSTOMER APPROVAL
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NOTE CHANGES: _____

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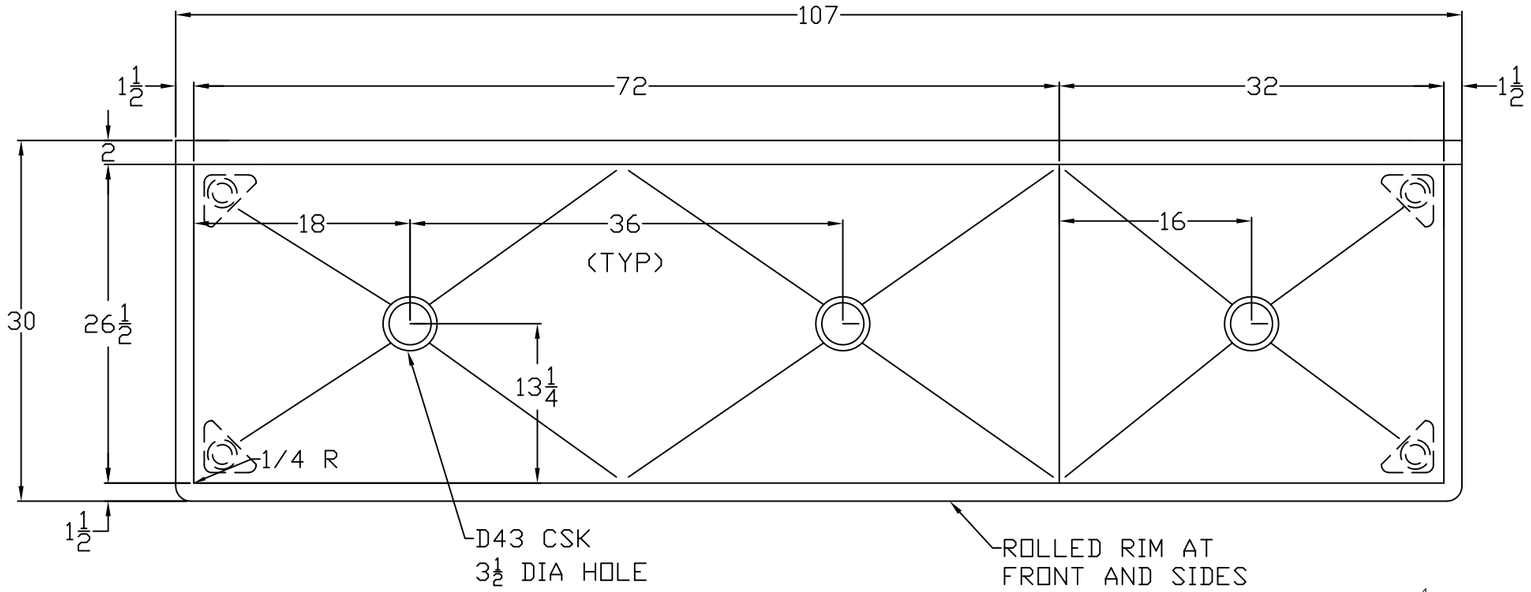

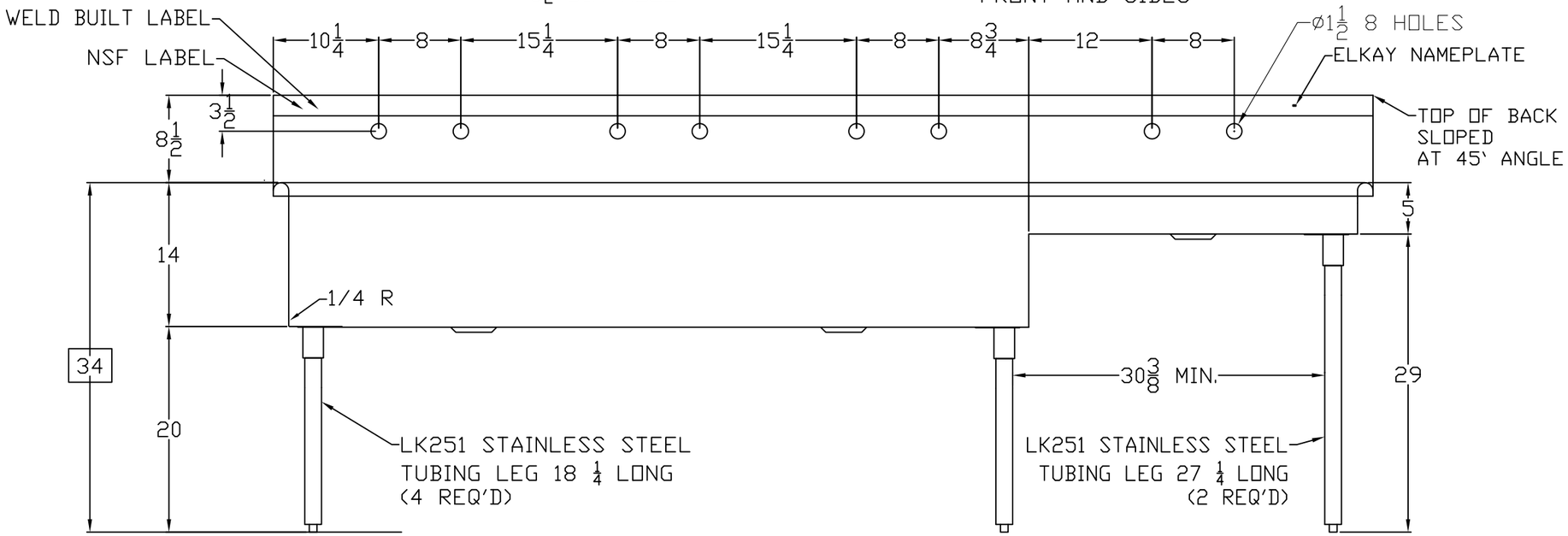

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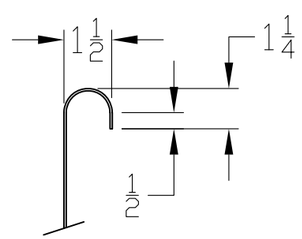

SECTION THRU RIM

1 REQ'D

14 GA MATERIAL THICKNESS
TYPE 304 STAINLESS STEEL
ELKAY 5K SATIN FINSH

ELKAY MANUFACTURING COMPANY
BROADVIEW, ILLINOIS

CUSTOM ROLLED RIM SCULLERY

DR.BY JR	CH.BY	DATE January 25, 2024
SCALE DO NOT SCALE		
122223044443		REVISION RL
LK50-13037A		SHEET NO. 1 OF1


EMERGENCY
RESCUE WINDOW
105
ANK NO. 1
10,000 GALLONS
NO. 2 FUEL OIL