ADDENDUM #2

Rye City School District

Osborn Elementary School

10 Osborn Road
Rye, NY 10580
SED Number: #66-18-00-01-0-001-022 & #66-18-00-01-0-001-024

Midland Elementary School

312 Midland Avenue
Rye, NY 10580
SED Number: #66-18-00-01-0-003-024 & #66-18-00-01-0-003-026

Issued: 2021-08-19

PROJECT TEAM

Architects
Geddis Architects
71 Old Post Road, Suite 101
P.O. Box 1020
Southport, CT 06890
Phone: (203) 256-8700

Fielding International
259 Water Street, Suite 1L
Warren, RI 02885
Phone: (401) 289-2789

Construction Manager
Savin Engineers, PC
3 Campus Drive
Pleasantville, NY 10570
Phone: (914) 769-3200

Structural Engineer
Odeh Engineers
1223 Mineral Spring Ave
North Providence, RI 02904
Phone: (401) 724-1771

Civil Engineer
Weston & Sampson, PE, LS, LA, PC
1 Winners Circle, Suite 130
Albany, NY 12205
Phone: (516) 463-4400

MEP Engineer
Barile Gallagher & Associates
Consulting Engineers
39 Marble Avenue, 2nd Floor
Pleasantville, NY 10570
Phone: (914) 328-6060

Acoustic Consultant
DP Design
12 Cold Spring Street
Providence, RI
401-861-3218

AV Consultant
CAVANAUGH TOCCI
327 F Boston Post Road
Sudbury, MA 01776
978-443-7871

Environmental
Quest Environmental Solutions & Technologies, Inc.
1376 Route 9
Wappingers Falls, NY 12590
845-298-6031

The work shall be carried out in accordance with the following supplemental instructions and in accordance with the Contract Documents.

PRE-BID WALKTHROUGH:

Attendance at pre-bid walkthrough on August 17, 2021 @ 11:00am.

	NAME	COMPANY	EMAIL
1	Steve Ualstro Jr.	Southeast Plumbing & Southeast Mechanical	SJU@southeastplumb.com SML@southeastmech.com
2	Jesse Maiden	Piazza	jesse@piazzabrothers.com
3	Priya Sandhir	Pierotti Corp.	Priyas@pierotticorp.com
4	Robert Gimigliano	RCSD	Gimigliano.robert@ryeschools.com
5	Eric Studley	Thermo Dynamics	erics@thermodynamicscorp.com
6	Brian Triolo	Thermo Dynamics	brian@thermodynamicscorp.com
7	Kieth Ackerson	Icon Construction	Kackerson@iconcgmc.com
8	Jason Adams	Healy	Jadams@healyelectric.com
9	Gela Kalandion	Mace	gela@macecontracting.com
10	Sharmin Rahman	Barile Gallagher and Associates	srahman@bga-eng.com
11	Yuriqbal Singh	A Peter Luger Construction Inc.	apeterluger@gmail.com
12	Mike Bottali	Key Construction Services, LLC	mjb@contactkcs.com
13	Wayne Battista	Naber Electric	wmb@naberelectric.com
14	Bob Firneis	Savin Engineers	rfirneis@savinengineering.com
15			

DRAWINGS:

OSBORN:

1. CIP-01, CIP-02, and CIP-03:
    a. Drawings numbers updated to match above.
2. A3-120
    a. Added section callouts for new details
    b. Wall type between learning studios updated to type 3D
3. A3-210, A3-211, A3-700, A3-721
    a. Magnetic Wallcovering to be by owner; GC to prepare walls for wallcovering by others.

This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.

4. A3-300
    a. Wall type 3D added
5. A3-601
    a. “Detail” Column added to door schedule
    b. Door Types D4, D5, and D6 updated to show aluminum frames and pocket doors.
6. A3-607
    a. Door head and jamb details added
7. Refer to Revised drawing: E3-101 Electrical Removal Plan
    a. Revised work note “2” to include removing power wiring back to source.

MIDLAND:

1. T3-001 – TITLE SHEET
    a. Drawing list updated to include new sheet A3-205.
2. D3-101
    a. Additional windows shown to be demolished and replaced.
3. A3-101
    a. Elevation tags added to reference new sheet A3-205
4. A3-120
    a. Wall type between learning studios updated to type 3D
5. A3-210, A3-211, A3-700, A3-721
    a. Magnetic Wallcovering to be by owner; GC to prepare walls for wallcovering by others.

This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.

6. A3-205

    a. Sheet added to show elevations and details for window replacements at existing building.

7. A3-300

    a. Wall type 3D added

8. A3-601

    a. “Detail” Column added to door schedule

    b. Door Types D4, D5, and D6 updated to show aluminum frames and pocket doors.

9. A3-607

    a. Door head and jamb details added

10. Refer to Revised drawing: E3-101 Electrical Removal Plan

    a. Revised work notes “2” to include removing power wiring back to source. Also, to remove (4) disconnects instead of (2).

    b. In Classroom 32, the carbon monoxide detector shall be removed

       and relocated.

11. Refer to Revised drawing: E3-201 Addition Electrical Lighting and Power Plan

    a. In 5th Grade ICT Classroom, the carbon monoxide detector shall be relocated as shown.

This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.

SPECIFICATIONS:

VOLUME 1:

Osborn ES MCS Specifications

Specification 01 10 00, paragraph 1.05.C.2. **add the following specification section to the list for Mechanical Contract**

23 03 00 Fans

Specification 01 10 00, paragraph 1.06.A **revise item 22 as follows;**

22. The Contractor for General Construction (GC) is responsible for furnishing and installation of all casework/millwork shown on the Contract document, drawings and specifications, including installation of blocking, and coordination with the other trades for their scope of work.

Specification 01 10 00, paragraph 1.06.A.**add new item number 23., 24. and 25. as follows;**

23. The Contractor for General Construction shall excavate for the Plumbing Contract and Electrical Contract as required for removal of sanitary and water lines and electrical feeds that are connected from the existing building to the existing modulars (trailers).
24. GC shall remove and dispose of the existing modulars (trailers) including all decks, canopies and foundations.
25. GC shall remove and dispose of existing ejector pump and structures servicing the modulars (trailers).

Specification 01 10 00, paragraph 1.06.A.**add new item number 26. and 27. as follows;**

26. GC shall remove existing sanitary line from 5 feet outside of the building to the ejector pump and remove and dispose of ejector pump including properly filling in the excavated areas.
27. GC shall install new sanitary sewer line from 5 feet outside the building including all structures for the new sanitary sewer connected to the public sewer.

Specification 01 10 00, paragraph 1.06.C **revise item 19. as follows;**

19. The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be furnished and installed by Contractor for General Construction and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

Specification 01 10 00, paragraph 1.06.C. **add new item number 21. as follows;**

21. Prior to the demolition of the existing modulars (trailers) the sanitary plumbing lines shall be disconnected and the water lines (hot and cold water) shall be disconnected and removed by this Contract from the modulars to the building and terminated inside the building with a capped end. A sign shall be provided and installed at the termination end stating the following; “Water lines for modular classrooms removed in 2022/2023.” The Plumbing Contract shall coordinate with the Contractor for General Construction excavation of the plumbing lines.

This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.

Specification 01 10 00, paragraph 1.06.C. **add new item number 22. as follows;**

22. Plumbing Contract is responsible for the removal of all piping inside the building to 5 feet outside the building.
    Plumbing Contract is responsible for the installation of new piping inside the building to 5 feet outside the building.
    Any modification required inside the building to floors, walls and ceilings is the responsibility of the Plumbing Contract where there is no work by the Contract for General Construction.

Specification 01 10 00, paragraph 1.06.D **revise item 23. as follows;**

23. The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be furnished and installed by Contractor for General Construction and shall use these to coordinate rough plumbing and sink installation. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

Specification 01 10 00, paragraph 1.06.D. **add new item number 26, as follows;**

26. Prior to the demolition of the existing modulars (trailers) the electrical feeds to the modulars shall be disconnected. The Electrical Contract shall remove the electrical lines back to the panel in the building from where they were feed. The Electrical Contract shall remove the electrical feed to the ejector pumps and remove the lines back to the electrical panel from which they were feed. The Electrical Contractor shall remove the control panel and conduits. The Electrical Contract shall remove all tie ins to PA System, Telephone, Data and Fire Alarm System back to the service equipment. The Electrical Contract shall coordinate with the Contractor for General Construction the excavation as required for the removal of the electrical feeds.

Midland ES MCS Specifications

Specification 01 10 00, paragraph 1.05.C.1. **add the following specification section to the list for General Construction Contract**

04 72 00 Cast Stone

Specification 01 10 00, paragraph 1.06.A **revise item 22. as follows;**

22. The Contractor for General Construction (GC) is responsible for furnishing and installation of all casework/millwork shown on the Contract document, drawings and specifications, including installation of blocking, and coordination with the other trades for their scope of work.

Specification 01 10 00, paragraph 1.06.A.**add new item number 24., 25. and 26. as follows;**

24. The Contractor for General Construction shall excavate for the Plumbing Contract and Electrical Contract as required for removal of sanitary and water lines and electrical feeds that are connected from the existing building to the existing modulars (trailers).
25. GC shall remove and dispose of the existing modulars (trailers) including all decks, canopies and foundations.
26. GC shall remove and dispose of existing ejector pump and structures servicing the

modulars (trailers).

Specification 01 10 00, paragraph 1.06.B. **revise item 19. that was included in Addendum 1 to 17. as follows;**

17. Where framed openings are not required and piping penetrations are through existing construction, the Contractor for Mechanical Construction (MC) is responsible for his own piping penetrations, including sealing the penetrations per code and industry standard.

Specification 01 10 00, paragraph 1.06.C **revise item 19. That was included in Addendum 1 to 17. as follows;**

17. The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be furnished and installed by Contractor for General Construction and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

Specification 01 10 00, paragraph 1.06.C **revise item 20. That was included in Addendum 1 to 18. as follows;**

18. Where framed openings are not required and piping penetrations are through existing construction, the Contractor for Plumbing Construction (PC) is responsible for his own piping penetrations, including sealing the penetrations per code and industry standard.

Specification 01 10 00, paragraph 1.06.C. **add new item number 19. as follows;**

19. Prior to the demolition of the existing modulars (trailers) the sanitary plumbing lines shall be disconnected and the water lines (hot and cold water) shall be disconnected and removed by this Contract from the modulars to the building and terminated inside the building with a capped end. A sign shall be provided and installed at the termination end stating the following; “Water lines for modular classrooms removed in 2022/2023.” The Plumbing Contract shall coordinate with the Contractor for General Construction excavation of the plumbing lines.

Specification 011000, paragraph 1.06.D. **revise item 23. as follows;**

23. The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be furnished and installed by Contractor for General Construction and shall use these to coordinate rough plumbing and sink installation. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

Specification 01 10 00, paragraph 1.06.D. **add new item number 26, as follows;**

26. Prior to the demolition of the existing modulars (trailers) the electrical feeds to the modulars shall be disconnected. The Electrical Contract shall remove the electrical lines back to the panel in the building from where they were feed. The Electrical Contract shall remove the electrical feed to the ejector pump and remove the lines back to the electrical panel from which they were feed. The Electrical Contractor shall remove the control panel and conduits. The Electrical Contract shall remove all tie ins to PA System Telephone, Data and Fire Alarm System back to the service

equipment. The Electrical Contract shall coordinate with the Contractor for General Construction the excavation as required for the removal of the electrical feeds.

Osborn ES & Midland ES Milestone Schedule Specification

Specification 01 11 00, Paragraph 1.02.G. **revise as follows**

G. School District/School Operation and Custodial Hours

During the Summer work will be permitted between 7:00 a.m. and 4:00 p.m. all days except Saturday and Sundays. Any special work arrangements must be made through the Owner.

Work during the School Year inside the existing building must be scheduled after School Hours.

The construction of the addition can be scheduled to be performed from 7:00am – 3:30 pm provided the State Education Department noise restrictions are adhered to and in compliance with the State Regulations Part 155 Education Facilities.

There will be "Black Out" dates where the school has testing and restrictions on any noise. On these Black Out dates there can be NO CONSTRUCTION.

During the school year the schools will be open until 11:00p.m. Any work during the school year must be performed after school hours and end before 10:00 p.m. No work may occur in the school during occupied times unless there is a separation and separate access to the work area and noise is restricted to max 60 db. Any requests to work during school hours must be submitted in writing to the School District for approval. The submission must include a diagram showing how the construction area will be separated from occupied areas. Additionally, it must show temporary measures to be installed such as ventilation, screening, dust protection, fire separation, etc. The School District reserves it's right to accept or reject the request at their discretion.

VOLUME 2:

Specification Section 08 51 13 Interior Glass Wall/Door System:

- Revised specification provided. Revisions are shown in bold for reference.

Specification Section 08 81 00 Glass and Glazing:

- Revised specification provided. Revisions are shown in bold for reference.

1. Specification Section 230400 Sheetmetal Work and Related Accessories

   a. Footer has been changed to read "230400"

2. Specification Section 260825 Public Address System

   a. Footer has been changed to read "Public Address System"

VOLUME 3:

This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.

Specification Section 08 51 00 Aluminum Windows and doors:

- Revised specification provided. Revisions are highlighted for reference.

Specification Section 08 51 13 Interior Glass Wall/Door System:

- Revised specification provided. Revisions are shown in bold for reference.

Specification Section 08 81 00 Glass and Glazing:

- Revised specification provided. Revisions are shown in bold for reference.

This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.

CLARIFICATIONS:

1. Excerpts from the Stormwater Pollution Protection Plan provided for bidder information and reference.

Mechanical Contract:

OSBORN:

2. In addition to curbing and pipe portals, the Mechanical Construction contractor shall provide equipment roof rail supports to the General Construction contractor for installation.

MIDLAND:

1. In addition to curbing and pipe portals, the Mechanical Construction contractor shall provide equipment roof rail supports to the General Construction contractor for installation.

RFIs:

1. **Question:** Please confirm there is no abatement to be performed on this project or advise on specific scopes to be figured. There is no mention of any specific asbestos or lead abatement to be performed on the drawings, nor are there any reports that we can find in the specifications.
   Answer: The School District is having their environmental consultant review if there is any asbestos and if there is, documents will be prepared and provided via an Addendum.

2. **Question:** Please confirm that Midland ES & Osborn ES are 1 single contract and will not be awarded individually.
   Answer: The projects will be awarded as an individual Contract (both Schools together) for each prime Contract.

3. **Question:** Midland Drwg A3-501 detail 1 of demo drwg has demo tag 2A for window removal however no new windows are shown to go back on this page. Please clarify.
   Answer: New windows for this room are included in this Addendum.

4. **Question:** Please advise where applied fireproofing from div 078100 is to be used? At all beams, decks, columns, etc. ? Or in just a certain portion of building?
   Answer: Refer to drawing 3/A3-311 at both Midland and Osborn, and drawing . Minimum 1 hr spray-applied fireproofing is required on all existing structural elements within 10' of the new CMU firewall.

5. **Question:** Specifications include division 098129 Spray Applied Acoustical Insulation (k13 product) however we cannot locate acoustical spray on the plans. Please advise if and where this is to be used as we do not see any exposed deck that this product would be applicable.
   Answer: Correct. We do not currently have K-13 acoustical insulation shown in the drawings.

6. **Question:** Currently, below specification calls for Blueskin VP160 with regard to above project. We would like to request that our AIR-SHIELD SMP please reviewed as a vapor permeable sheet membrane material here. Please see the attached data sheet to assist with review, if you can please let me know if it's acceptable it would be greatly appreciated.
   Answer: Product has been reviewed for general conformance *only* to the bid documents and is an approved substitute. Please note that winning bidder is responsible for *fully* verifying product will perform equally to the originally specified product.

7. **Question:** We are currently working on projects in Rye CSD that required us to provide OCP insurance policies. In addition all of our sub-contractors were required to also provide OCP policies to the district and increase their insurance to meet the project requirements. Will this project require this as well.
   Answer: The School District has not changed the insurance requirements.

8. **Question:** Can you please provide a detailed GC Milestone schedule. What work is anticipated between project start and end of school year 2022, summer of 2022, and school year 2023. What work should be figured on differential, because the spec states "Any work during the school year must be performed after school hours and end before 10:00 p.m. to work may occur in the school during occupied times unless there is a separation and separate access to the work area and noise is restricted to max 60 db. Any requests to work during school hours must be submitted in writing to the School District for approval. The submission must include a diagram showing how the construction area will be separated from occupied areas. Additionally, it must show temporary measures to be installed such as ventilation, screening, dust protection, fire separation, etc. The School District reserves it's right to accept or reject the request at their discretion.".

This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.

Answer: A detailed construction will be prepared by the Contract for General Construction after Award of Contracts.

9. **Question:** Addendum 1 makes reference to “casework” being supplied by owner and GC to provide blocking. Please confirm that the GC is supplying & installing all casework on drwgs A3-801 through A3-818 and that the owner is supplying & installing all “furniture” on drwgs A3-900 through A3-907. Or advise which casework owner is providing besides for the furniture noted?.
   Answer: Yes. Confirmed. Casework by GC is shown on sheets A3-801 through A3-818, and owner will supply furniture on drawings A3-900 through A3-907.

10. **Question:** (Osborn) P3-101 Shows removal of two sewer ejection pump systems, one at the rear of the building between 2nd grade and 4th grade class rooms and one near the learning trailers. Plans call for plumber to remove existing pumps, piping, control panel/conduits and cap piping back at mains, Note says pit removal by GC. Who is responsible for all the exterior site excavations, backfill and site restoration for the pipe removal and capping at mains? Is the plumbing contractor or electrical contractor responsible to shut down, safe off and remove existing control panel/conduits and wiring to the pit?
    Answer: Response is included in Addendum 2 with clarification and scope assignment in the Multiple Contract Summary. See front end addendum 2 for contractor responsibilities.
11. **Question:** (Osborn) P3-201-1 Shows removal of existing sanitary piping to sweer ejector which appears to be in crawl space below the building in Classrooms 24-30. The drawing shows installing a new sanitary main in corridor C-24 and connecting to existing fixtures and bathroom fixture rack in Chase. Is C-24 also above the crawl space for access to work or is it in slab on grade requiring saw cutting and slab patching? If it is under a slab, who is responsible for the saw cutting/concrete removal from site and slab and finish floor patching? The walls and bathroom chase will also have to be opened to reconnect new sanitary to the existing fixtures if not over a crawl space. If the walls have to be opened, who is to provide finish patching of walls/chase after piping is complete?
    Answer: Response included in Addendum #2 with clarification and scope assignment in the Multiple Contract Summary. Piping suspended in crawl space (shown single line). Does not require saw cutting.

12. **Question:** (Osborn) P3-201-3 drawing shows connecting a new 3” sanitary to fixture D in 37A from existing main in corridor. Is this in a crawl space for access to work or is it in slab on grade requiring saw cutting and slab patching? If it is under a slab, who is responsible for the saw cutting/concrete removal from site and slab and finish floor

patching? The walls will also have to be opened to pipe water and vent back to mains. Who is to provide finish patching of wall after piping is complete?
Answer: Response to this RFI will be included in Addendum #2 with clarification and scope assignment in the Multiple Contract Summary. Double line sanitary is underground and requires saw cutting. See addendum 2 for contractor responsibilities.

13. **Question:** At the pre-bid meeting we were told the project hours for the work would be sent out in an addendum. Please confirm work hours at both schools for both phases.
Answer: Work hours clarified in this addendum.

14. **Question:** There is a general note to remove all fixtures and piping serving trailers and cap in existing building. Drawings to not show where piping runs to trailers. Who is responsible for excavation, backfill, compaction and site restoration for this work? Could the piping be shown on the drawing so it can be accurately estimated? Also note there is an alternate to relocate trailers to Rye HS but appears it does not affect the plumbing bid. Please confirm.
Answer: Response to this RFI will be included in Addendum #2 with clarification and scope assignment in the Multiple Contract Summary.

This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.

SWPPP
Stormwater Pollution Prevention Plan
Excerpts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SPDES GENERAL PERMIT FOR STORMWATER DISCHARGE
FROM CONSTRUCTION ACTIVITY *GP-0-20-001*

New York State SPDES General Permit Information

In accordance with Appendix B of the New York State SPDES General Permit for Stormwater Discharges from Construction Activity, GP-0-20-001, this project has included the preparation of a Stormwater Pollution Prevention Plan (SWPPP) since the project will disturb more than 1 acre of land, and fits within the list of land uses.

Notice of Intent (NOI)

Any project requesting coverage under the NYS SPDES General Permit, GP-0-20-001, requires a Notice of Intent (NOI) to be completed and submitted to the NYS DEC for acceptance. Submitting a NOI to the NYS DEC is an affirmation to the NYS DEC that a SWPPP has been prepared and will be implemented. As a result, the applicant, through their consultant, is certifying that the SWPPP has been developed in conformance with the Department's technical standards. If the SWPPP utilizes practices provided within the NYS Stormwater Management Design Manual (SMDM) and these practices meet all of the requirements established in those standards, the proposed activity will be eligible to obtain coverage under this general permit in five (5) business days after the Department's receipt of the NOI. If the SWPPP deviates from the Department's technical standards, then the permit will not become effective for sixty (60) days from the receipt of the NOI.

As a result, it is anticipated that this project will obtain coverage in five (5) business days, because it has been prepared in conformance with the NYS DEC's technical standards.

Signatures, Certifications, and Review

Robert Gimigliano, on behalf of the Rye City School District, is the owner/ operator of the project site, and is the legal entity that controls the site/ facility's operation. Consequently, this document and the NOI must be approved and signed. This project does not require an MS4 approval as it is being reviewed by the State Education Department.

All contractors and sub-contractors involved with earth-disturbing activities as a result of this project must sign a contractor's certification form before undertaking such activities at the site.

These forms need to contain the specific elements that each contractor is responsible for and include the name and title of the contractor's trained

individual(s) responsible for the implementation of the SWPPP. Copies of the contractor certification pages are located in Appendix D of this report. Completed copies of such forms shall be inserted within this document as well.

Field Documentation

The Owner/ Operator shall maintain a copy of the General Permit (GP-0-20-001), SWPPP, Notice of Intent (NOI), NOI Acknowledgement Letter from NYS DEC, Contractor Certifications, and Inspection Reports on-site until all of the disturbed areas have achieved final stabilization and the Notice of Termination (NOT) has been submitted to the NYS DEC. These documents shall be located on the project site in a readily accessible location, such as within a job-site trailer, site lockbox, on-site construction office, or a mailbox with a lock. These documents need to be accessible during normal business hours. The Owner/Operator shall retain copies of these documents for a period of five (5) years from the date that the site achieves final stabilization.

Notice of Termination (NOT)

Upon completion of the construction activities contained within this SWPPP, all disturbed areas have achieved final stabilization, all temporary structural erosion and sediment control measures have been removed, and all post-construction stormwater management practices have been constructed in conformance with the SWPPP, the Owner must sign and submit a Notice of Termination (NOT) form to the NYS DEC indicating that coverage under the general permit is no longer required and the permit coverage may be terminated for the project.

Erosion and Sediment Control Practices

Erosion and sediment control provisions should be included for all construction activities where excavation, stripping, filling, grading, and/ or earth movement is designated on the plans to take place. These provisions shall be designed in conformance with the most current version of the technical standard, *New York Standards and Specifications for Erosion and Sediment Control*.

Construction Sequence Schedule

The contractor is advised that a final construction sequence schedule is to be provided to the construction manager after contractor selection and become a component of not only the contract documents, but this SWPPP. Accordingly, from the start of construction forward, it shall be the responsibility of the contractor to implement and adhere to the construction sequence schedule in order to maximize the effectiveness of this stormwater pollution prevention plan. However, the following basic schedule shall guide the development of the final construction sequence schedule between the contractor and the construction manager:

Construction Schedule

A. Obtain plan approval and other applicable permits.
B. Flag the work limits and mark and protect any vegetation that will be remaining.
C. Hold a pre-construction conference at least one week prior to the start of construction.
D. Install temporary sediment controls as the first construction activity.
E. Install site improvements.
F. All erosion and sediment control practices will be inspected weekly and, additionally, the contractor shall perform an inspection after all rainfall events. Needed repairs will be made immediately.
G. After the site is permanently stabilized, remove all temporary erosion and sediment control measures.

Maintenance and Inspections

A. Initial site inspection after the perimeter controls are installed and prior to commencement of any earth work.
B. Identify the type, number, and frequency of maintenance actions required for stormwater management and erosion control during construction and for permanent practices that remain on the site once construction is finalized.
C. Inspections must be indicated on the Construction Sequence Schedule.
D. Inspections must be performed once every 7 calendar days, unless site disturbance is greater than five (5) acres, and at which time at least two (2) site inspections shall be completed every seven (7) calendar days for as long as greater than five (5) acres of soil remain disturbed. The two (2) inspections shall be separated by a minimum of two (2) full calendar days. See part IV.C of the permit document.
E. Inspections must verify that all practices are operating properly, maintained properly, and that sediment is removed from all control structures.
F. Inspections must look for evidence of the erosion of soils on-site, potential of pollutants entering drainage systems, problems at discharge points (such as turbidity in the receiving waters), and signs of soil and mud transport from the site to the public road(s).
G. Routine maintenance must be identified on the schedule and performed on a regular basis and as soon as a problem is identified.
H. Identify the person or entities responsible for conducting the maintenance actions during construction and post-construction.
I. Retain a copy of the inspection reports on-site with the SWPPP.
J. Inspections may be reduced to once every 30-days if the site has entered into a temporary shutdown (e.g. winter shutdown) as long as all construction activities have been halted and all of the disturbed areas have been temporarily stabilized (see Part IV.C.2.c of the general permit for more information).
K. For construction sites where soil disturbing activities have been shut down with partial project completion, the qualified inspector may stop conducting inspections if all of the disturbed areas have achieved final stabilization and all of the post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational (see Part IV.C.2.d. of the general permit for more information).
L. Inspections shall be completed until permanent stabilization has been achieved.

The Qualified Inspector shall notify the NYS DEC, Owner, Construction Manager, and Owner's Representative with a letter indicating the period of temporary shutdown, the dates of anticipated inspection during the shutdown, and the date of anticipated restart.

Stabilization must be undertaken no later than 14 days after construction activities have ceased, except as noted in the general permit, GP-0-20-001.

Remove the temporary control measures once the site has reached final stabilization. Final stabilization is defined as "…uniform, perennial vegetative cover with a density of eighty (80) percent over the entire pervious surface has been established; or other equivalent stabilization measures, such as permanent landscape mulches, rock rip-rap or washed/ crushed stone have been applied on all disturbed areas that are not covered by permanent structures, concrete or pavement" in Appendix A of the General Permit, GP-0-20-001.

SWPPP Inspection Reports

Contractor shall provide copies of all inspection reports within five (5) business days of completion to Owner, Construction Manager and Owner's Representative. Copies of inspection reports shall be maintained on site and made available to the permitting authorities upon request. Copies of monthly summary reports shall be posted on-site in a publicly accessible location. Copies of SWPPP inspection reports are included in Appendix N: Construction Inspection Forms/ Checklists.

SWPPP Report Modifications

The inspection reports should identify any soil erosion and sediment control measures (as well as the stormwater collection, conveyance, and treatment system components) that need to be revised, added, or removed as a result of the field inspection. This SWPPP is meant to be a dynamic working guide that is to be kept current and amended whenever the design, construction, operation, or maintenance of the site changes in a way which significantly affects the potential for the discharge of pollutants or when the plan proves to be ineffective in eliminating or significantly minimizing pollutant discharges.

Any such changes to the SWPPP must be made in writing on the SWPPP Modification Report located in Appendix J of this report within 7 days of the date such a modification or amendment is made. Modifications to permanent stormwater facilities are not allowed during construction without all necessary approvals and project amendments by the Owner, MS4 Coordinator, Construction Manager, and Owner's Representative.

Construction phase stormwater erosion and sediment controls are subject to modification if required by the responsible qualified professional. The Contractor's failure to monitor or report deficiencies to the operator will result in the Contractor being liable for fines and construction delays resulting from any federal, state, or local agency enforcement action.

OTHER CONTROLS

Waste Disposal

All waste materials will be collected and stored in a metal dumpster. The dumpster shall comply with all local and state solid waste management regulations. All trash and construction debris from the site shall be deposited in a dumpster and emptied at least once per week or more often if necessary. Trash shall be hauled to a landfill. No construction waste materials may be buried on-site.

Sanitary Waste

All sanitary waste shall be collected from portable units and cleaned at a minimum of twice per week by a licensed portable facility provider in complete compliance with local and state regulations.

Off-Site Vehicle Tracking

A stabilized construction entrance/ exit shall be provided to reduce/ eliminate vehicle tracking of sediment off-site. The paved streets adjacent to the site entrance shall be inspected daily and swept as needed to remove any excess mud, dirt, or rocks tracked from the site. Dump trucks hauling material from the construction site shall be covered with a tarpaulin per local and state regulations.

Concrete Waste from Concrete Trucks

A. Emptying of excess concrete and/ or washout from concrete delivery trucks may be allowed on the job site, but only in either (1) specifically designated diked areas which have been prepared to prevent contact between the concrete and/or washout and stormwater which will be discharged from the site or (2) in locations where waste concrete can be poured into forms to make riprap or other useful concrete products.

B. The hardened residue from the concrete washout diked areas shall be disposed of in accordance with the procedures given in the Spill Prevention Control and Countermeasures (SPCC) Plan located in Section 5.7 of this report and in accordance with applicable state and federal regulations.

C. Contractor shall coordinate with construction manager all areas acceptable for concrete washout and the necessary procedures to maintain/ reuse such washout areas.

Hazardous Substances and Hazardous Wastes

A. All hazardous waste materials shall be disposed of by the Contractor in the manner specified by local, state, and/ or federal regulations and by the manufacturer of such products. Material Safety Data Sheets (MSDS's) for each substance with hazardous properties that is used on the job site shall be obtained and used for

the proper management of potential wastes that may result from these products. A MSDS shall be posted in the immediate area where such a product is stored and/ or used and another copy of each MSDS shall be maintained in the SWPPP file at the job site construction trailer office. Each employee who must handle a substance with hazardous properties shall be instructed on the use of MSDS sheets and the specific information in the applicable MSDS for the product he/she is using, particularly regarding spill control techniques.

B. The Contractor shall implement the Spill Prevention Control and Countermeasures (SPCC) Plan found in section 5.7 of this report and will train all personnel in the proper cleanup and handling of spilled materials. No spilled hazardous waste materials or hazardous wastes will be allowed to come in contact with stormwater discharges. If such contact does occur, the stormwater discharge shall be contained on-site until appropriate measures in compliance with state and federal regulations are taken to dispose of such contaminated stormwater.

C. Any spills of hazardous materials, which are in quantities in excess of Reportable Quantities as defined by the EPA regulations, shall be immediately reported to the EPA National Response Center 1-800-424-8802.

Contaminated Soils

Any contaminated soils (resulting from spills of materials with hazardous properties) which may result from construction activities shall be contained and cleaned up immediately in accordance with the procedures given in the Spill Prevention Control and Countermeasures (SPCC) Plan and in accordance with applicable state and federal regulations.

Spill Prevention Control and Countermeasures (SPCC) Plan

Materials Covered

The following materials or substances with known hazardous properties are expected to be present on-site during construction:

- Detergents
- Paints
- Paint Solvents
- Fertilizers
- Soil Stabilization Additives
- Cleaning Solvents
- Petroleum Based Products
- Pesticides
- Acids
- Concrete & Additives

Material Management Practices

The following are the material management practices that may be used to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff.

A. Good Housekeeping: The following good housekeeping practices shall be followed on-site during the construction project:

1. An effort shall be made to store only enough products required to do the job.
2. All materials stored on-site shall be stored in a neat, orderly manner and, if possible, under a roof or other enclosure.
3. Products shall be kept in their original containers with the original manufacturer's label in legible condition.
4. Substances shall not be mixed with one another unless recommended by the manufacturer.
5. Whenever possible, all a product shall be used up before disposing of the container.
6. Manufacturer's recommendations for proper use and disposal shall be followed.
7. The job site superintendent shall be responsible for daily inspections to ensure proper use and disposal of materials.

B. Hazardous Products: The following practices shall be used to reduce the risks associated with hazardous materials:

1. Products shall be kept in original containers with the original labels in legible condition.
2. Original labels and material safety data sheets (MSDS's) shall be procured and used for each material.
3. If surplus product must be disposed of, manufacturer's or local/ state/ federal recommended methods for proper disposal shall be followed.
4. A spill control containment kit (containing items such as absorbent such as kitty litter or sawdust, acid neutralizing powder, brooms, dust pans, mops, rags, gloves, goggles, etc.) shall be provided at the storage site.
5. All the product in a container shall be used before the container is disposed of.
6. All such containers shall be triple-rinsed with water prior to disposal. The rinse water used in these containers shall be disposed of in a manner in compliance with state and federal regulations and shall not be allowed to mix with stormwater discharges.

Spills of toxic or hazardous materials will be reported to the appropriate federal, state, and/or local government agency, regardless of the size of the spill.

To Report a Petroleum or Chemical Spill, call the following:

1. NYS DEC 24 Hour Spill Hotline: 1-800-457-7362

2. EPA National Response Center: 1-800-424-8802

Spills of amounts that exceed reportable quantities of certain substances specifically mentioned in federal regulations (40 CFR 302 list and oil) will be immediately reported to the EPA National Response Center. Reportable quantities of some substances that may be used at the job site are as follows:

1. Oil: appearance of a film or sheen on water
2. Pesticides: usually 1 lb.
3. Acids: 5,000 lbs.
4. Solvents, flammable: 100 lbs.

The SPCC plan shall be adjusted to include measures to prevent this type of spill from recurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included as part of Hazardous Materials Spill Log.

The following pages include a sample of certifications and inspection forms that should be employed – and become part of the SWPPP Document.

SWPPP INSPECTION FORM

PROJECT: Rye City School Capital Plan - Midland Elementary School Improvements DATE:

LOCATION: 312 Midland Avenue New York, 10580 TIME:

OWNER/OPERATOR: Rye City School District TEMP.:

OWNER/OPERATOR ADDRESS: 555Theodore Frmed Ave, Rye, New York 10580 WEATHER:

SOIL CONDITIONS: PROJECT PHASE: PERMIT NO.:

GENERAL OBSERVATIONS

SITE SKETCH/LAYOUT

TOTAL SITE AREA: DISTURBANCE AREA:

EROSION & SEDIMENT CONTROL PRACTICES					
	Installed Correctly		Operating Correctly		
E&S Measure	Yes	No	Yes	No	Comments

PERMANENT STORMWATER MANAGEMENT PRACTICES					
	Installed Correctly		Operating Correctly		
Stormwater Practice	Yes	No	Yes	No	Comments

ADDITIONAL NOTES & COMMENTS

FOLLOW-UP ITEMS

Qualified Inspector:

Name:_____ Company:_____

Signature:_____ Date:_____

Address:_____ Phone:_____

Qualified Professional:

Name:_____ Company:_____

Signature:_____ Date:_____

Address:_____ Phone:_____

Owner's Representative:

Name:_____ Company:_____

Signature:_____ Date:_____

Address:_____ Phone:_____

MONTHLY SWPPP INSPECTION SUMMARY

PROJECT: Rye City School Capital Plan - Midland Elementary School Improvements

LOCATION: 312 Midland Ave Rye, NY 10580

PROJECT PHASE: _____ TOTAL PHASES: _____

PERIOD: _____ to _____ WEEKLY REPORTS COVERED: _____

WEATHER CONDITIONS: _____ DATE: _____

INSPECTOR COMPANY: _____

GENERAL OBSERVATIONS			
Items	Yes	No	Comments
Are the SWPPP, NOI, NOI LOA, MS4 Acceptance Form, General Permit, and Contractor's Certifications Located on site?			
At the time of Inspection, are there any site discharges?			
Is there a significant difference in turbidity in the receiving waters?			
Are there any signs of sediment leaving the site?			
Are there any disturbed or stabilized areas/ items in need of repair?			
Are the public roadways clean at the site's entrance?			
Estimated Disturbed Area:		Total Site Acreage:	

EROSION AND SEDIMENT CONTROL PRACTICES					
	Installed Correctly		Operating Correctly		
Stormwater Practice	Yes	No	Yes	No	Comments

PERMANENT STORMWATER MANAGEMENT PRACTICES					
	Installed Correctly		Operating Correctly		
Stormwater Practice	Yes	No	Yes	No	Comments

ADDITIONAL NOTES & COMMENTS

Inspector:

Name:_____ Company:_____

Signature:_____ Date:_____

Address:_____ Phone:_____

SWPPP MODIFICATION REPORT

PROJECT: Rye City School Capital Plan - Midland Elementary School Improvements

LOCATION: 312 Midland Avenue Rye, NY 10580

OWNER/OPERATOR: Rye City School District – Robert Gimigliano

OWNER/OPERATOR ADDRESS: 555 Theodore Frmed Avenue Rye, NY 10580

SWPPP MOD. NO.: _____ DATE: _____

Modification Submitted To: _____ Company: _____

Address: _____ Telephone: _____

Inspector: _____ Signature: _____

Inspector Qualifications: _____

CHANGES REQUIRED TO THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

REASONS FOR CHANGES

To Be Performed By:_____ Performed On or Before:_____

Contractor:_____ Signature:_____

Date:_____

Site Supervisor:_____ Signature:_____

Date:_____

Owner/Operator:_____ Signature:_____

Date:_____

FINAL SWPPP INSPECTION FORM

PROJECT: Rye City School Capital Plan - Midland Elementary School Improvements DATE:

LOCATION: 312 Midland Avenue Rye, NY 10580 TIME:

OWNER/OPERATOR: Rye City School District – Robert Gimigliano TEMP.:

OWNER/OPERATOR ADDRESS: 555 Theodore Frmed Avenue Rye, NY 10580 WEATHER:

SOIL CONDITIONS: PROJECT PHASE: PERMIT NO.:

Prior to the Owner/Operator submitting a Notice of Termination to the NYSDEC to terminate the permit coverage, a qualified inspector must perform a final site inspection to certify the completion of the following items:		
Item	Yes	No
Have all of the disturbed areas achieves final stabilization?		
Have all of the temporary erosion and sediment control measures been removed?		
Have all of the permanent stormwater management practices been installed?		
Have all of the practices been installed in accordance with the SWPPP?		
Have photographs been taken of the completed site?		

Qualified Inspector:

Name: Title:

Signature: Company:

Address: Phone:

Prior to issuing the Notice of Termination, the Owner/Operator must ensure one of the following permit requirements be met:		
Item	Yes	No
Projects in which Stormwater Management Practices will be owned & operated by the Municipality:		
Post construction Operations & Maintenance Plan established?		
Stormwater management parcels deeded to the Municipality?		
Are the R.O.W. and easements needed for access to the practices recorded?		
Projects in which Stormwater Management Practices will be maintained by the Municipality & owned by an HOA:		
Has a maintenance agreement been executed with the Municipality that will maintain the practices?		
If privately owned & maintained, has a deed restriction been established that requires operation & maintenance in accordance with the Operations & Maintenance Plan?		
If owned by a public/private institution or government agency, are there policies and procedures to ensure operation and maintenance in accordance with the Operations & Maintenance Plan?		

Owner/Operator/Authorized Representative:

Name: Title:

Signature: Company:

Address: Phone:

HAZARDOUS MATERIALS SPILL LOG

PROJECT: Rye City School Capital Plan - Midland Elementary School Improvements

LOCATION: 312 Midland Avenue Rye, NY 10580

OWNER/OPERATOR: Rye City School District – Robert Gimigliano

OWNER/OPERATOR ADDRESS: 555 Theodore Frmed Avenue Rye, NY 10580

Date of Spill:	
Entity Responsible for Spill (Spiller):	
Material Spilled:	
Quantity Spilled:	
Location of Spill:	
NYSDEC Notification Required (Yes or No):	
NYSDEC Notification Date and Time:	
On-Site Action Taken:	

Project/Construction Manager:

Name: _____ Company: _____

Signature: _____ Date: _____

Address: _____ Phone: _____

Date of Spill:	
Entity Responsible for Spill (Spiller):	
Material Spilled:	
Quantity Spilled:	
Location of Spill:	
NYSDEC Notification Required (Yes or No):	
NYSDEC Notification Date and Time:	
On-Site Action Taken:	

Project/Construction Manager:

Name: _____ Company: _____

Signature: _____ Date: _____

Address: _____ Phone: _____

Date of Spill:	
Entity Responsible for Spill (Spiller):	
Material Spilled:	
Quantity Spilled:	
Location of Spill:	
NYSDEC Notification Required (Yes or No):	
NYSDEC Notification Date and Time:	
On-Site Action Taken:	

Project/Construction Manager:

Name:_____ Company:_____

Signature:_____ Date:_____

Address:_____ Phone:_____

Date of Spill:	
Entity Responsible for Spill (Spiller):	
Material Spilled:	
Quantity Spilled:	
Location of Spill:	
NYSDEC Notification Required (Yes or No):	
NYSDEC Notification Date and Time:	
On-Site Action Taken:	

Project/Construction Manager:

Name:_____ Company:_____

Signature:_____ Date:_____

Address:_____ Phone:_____

Date of Spill:	
Entity Responsible for Spill (Spiller):	
Material Spilled:	
Quantity Spilled:	
Location of Spill:	
NYSDEC Notification Required (Yes or No):	
NYSDEC Notification Date and Time:	
On-Site Action Taken:	

Project/Construction Manager:

Name:_____ Company:_____

Signature:_____ Date:_____

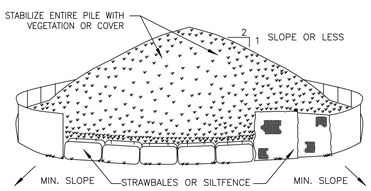
Address:_____ Phone:_____

GENERAL NOTES / SAFETY GUIDELINES

1. ALL WORK SHALL COMPLY WITH THE STATE EDUCATION DEPARTMENT UNIFORM SAFETY STANDARDS.
2. PER NYS LAW, SMOKING IS PROHIBITED ANYWHERE ON SCHOOL PROPERTY. VIOLATORS WILL BE SUBJECT TO ARREST AND/OR FINE OF $1,000 PER OCCURRENCE.
3. SHIRTS ARE TO BE WORN AT ALL TIMES AND NO SHORT PANTS ARE PERMITTED.
4. ANY CONTRACTOR'S PERSONNEL USING INAPPROPRIATE LANGUAGE OR WHO IS DISRUPTIVE TO THE SCHOOL ENVIRONMENT WILL BE BANNED FROM THE SITE.
5. CONTRACTOR'S PERSONNEL SHALL NOT CONVERSE WITH SCHOOL EMPLOYEES, STUDENTS AND OR THE LOCAL RESIDENTS.
6. ANY CONTRACTOR'S PERSONNEL FOUND TO BE UNDER THE INFLUENCE OF ANY CONTROLLED SUBSTANCE OR ALCOHOL WILL BE BANNED FROM THE SITE.
7. DURING SCHOOL OCCUPANCY NO DELIVERIES FROM THE CONTRACTOR WILL BE ALLOWED DURING BUS DROP OFF OR PICK UP HOURS AS DETERMINED BY THE OWNER, RYE CITY SCHOOL DISTRICT BETWEEN THE HOURS OF 7:30 AM TO 8:30 AM AM AND 2:30 PM TO 3:30 PM.
8. USE OF THE EXISTING BUILDING FACILITIES DURING CONSTRUCTION IS PROHIBITED INCLUDING TOILET ROOMS, TELEPHONE AND WATER FOUNTAINS AND CLASSROOMS BY ANY CONTRACTOR'S PERSONNEL.
9. PARKING IS RESTRICTED TO AREAS DESIGNATED BY THE OWNER AND CONSTRUCTION MANAGER. ANY VEHICLES OR TRUCKS IN NON-DESIGNATED AREAS MAY BE TOWED AT CONTRACTOR'S EXPENSE.
10. SHOULD IT BECOME NECESSARY TO ACCESS THE EXISTING BUILDING DURING CONSTRUCTION HOURS FOR MEASUREMENTS OR OTHER NON-DISRUPTIVE WORK, THE CONTRACTOR SHALL BE ESCORTED BY THE CONSTRUCTION MANAGER.
11. ALL WORKERS MUST WEAR PHOTO IDENTIFICATION BADGES AT ALL TIMES WHILE WORKING AT THE SITE. IDENTIFICATION BADGES MUST BE PROVIDED BY CONTRACTOR FOR THEIR RESPECTIVE PERSONNEL, INCLUDING ALL SUBCONTRACTORS.
12. NO ASBESTOS CONTAINING PRODUCTS TO BE USED ANYWHERE ON THIS PROJECT.
13. NO LEAD CONTAINING PRODUCTS TO BE USED ANYWHERE ON THIS PROJECT.
14. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR MUST SUBMIT CONSTRUCTION PLANS FOR REVIEW AND APPROVAL, WHICH SHOW THE LOCATION OF EXHAUST, FRESH AIR FANS, HVAC EQUIPMENT, LOUVERS, WINDOWS, DOORS, AND DUST CONTROL THAT WILL BE PROVIDED FOR EACH CONDITION. NOTING THAT WINDOWS AND DOORS ARE TO BE CLEANED ON A DAILY BASIS.
15. DUST CONTROL:
    - 15.A. THE CONTRACTOR SHALL INSTALL DUST PROTECTION BARRIERS & POLY SHEETING WITH MINIMUM DAMAGE TO ADJACENT SURFACES. THE GENERAL CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING SURFACES CAUSED BY CONSTRUCTION ACTIVITY.
    - 15.A.1. DURING SUMMER MONTHS WHEN BUILDING/SPACES ARE UNOCCUPIED: CONTRACTOR SHALL PROVIDE AND INSTALL ALL PENETRATIONS INTO THE BUILDING SHALL BE SEALED WITH A MINIMUM OF 6 MIL. POLYETHYLENE SHEETING TO PREVENT DUST CREATED BY DEMOLITION AND CONSTRUCTION ACTIVITY FROM ENTERING THE BUILDINGS.
    - 15.A.2. DURING MONTHS WHEN SCHOOL IS OCCUPIED: ALL PENETRATIONS INTO THE BUILDING SHALL BE SEALED WITH TEMPORARY FIRE RATED PARTITIONS AND ACCESS DOORS TO PREVENT THE TRAVEL OF DUST BETWEEN WORK AREAS AND ADJACENT SPACES UNAFFECTED BY WORK.
    - 15.A.3. THE CONTRACTOR IS ADDITIONALLY RESPONSIBLE FOR ALL DEBRIS AND DUST INFILTRATING ADJACENT AND UNDISTURBED AREAS OF AND OR PREVIOUSLY FINISHED AREAS OF THE BUILDING CONTRACTOR WILL PROVIDE FINAL CLEANING OF ALL SURFACES AS REQUIRED AND TO THE SATISFACTION OF THE OWNER AND CM ON A DAILY BASIS, FOR ALL AREAS IMPACTED BY CONSTRUCTION ACTIVITY.
    - 15.B. CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING DUST AND DIRT ON THE EXTERIOR, SITE SHALL BE WATERED DOWN FREQUENTLY TO PREVENT DUST CLOUDS FROM RISING. ALL PAVED AREAS SHALL BE MAINTAINED CLEAN AT THE CONSTRUCTION MANAGERS REQUEST.
    - 15.C. CONTRACTOR IS TO USE ONLY GRINDERS WITH VACUUM ATTACHMENTS AT THE WORK SITE AND IS TO CHANGE FILTERS REGULARLY. ALL HVAC EQUIPMENT, LOUVERS, FRESH AIR FANS ETC., ADJACENT TO THE WORK SITE ARE TO BE TURNED OFF AND THEN PROTECTED AND TURNED ON AFTER WORK HAS BEEN COMPLETED. AIR INTAKES ARE TO BE PROTECTED WITH REGULARLY MAINTAINED 3M HEPA FILTERS. WINDOWS, DOORS, AND DOORWAYS ADJACENT TO THE WORK SITE MUST HAVE PLASTIC PROTECTION INSTALLED AND REMOVED AND THE WINDOWS AND DOORS AND ADJACENT AREAS ARE TO BE CLEANED ON A DAILY BASIS.
    - 15.D. ALL SMOKE HEADS AND ANY OTHER PIECES OF EQUIPMENT AND APPARATUS' THAT ARE TO REMAIN ARE TO BE COVERED & PROTECTED. IF THEY ARE ACTIVE PIECES OF EQUIPMENT THEN THEY NEED TO BE UNCOVERED AT THE CONCLUSION OF THE DAY'S WORK, RE-COVER THEM AT THE START OF THE WORK DAY.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING OWNERS PROPERTY. ALL EXISTING SHRUBS, TREES, LAWN FIXTURES, SCULPTURES AND MISCELLANEOUS EQUIPMENT SHALL BE PROTECTED AT ALL TIMES. ANY REMOVALS OR RELOCATION OF SAID OBJECTS, IF ALLOWED SHALL BE AS DIRECTED BY OWNER AND CONSTRUCTION MANAGER. CONTRACTOR WILL ALSO REPAIR TO SATISFACTION OF OWNER ALL DISTURBED EXTERIOR SITE AREAS DISTURBED BY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO: LAWNS, PLANTINGS, TREES, DRAINAGE PIPING, BASINS, MANHOLES, CURBS, SIDEWALKS, PAVEMENTS, ETC., CONTRACTOR WILL ALSO REPAIR TO THE SATISFACTION OF OWNER ALL BUILDING EXTERIORS AND ROOF AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, PRIOR TO SUBSTANTIAL COMPLETION.
17. PAINTING OR OTHER CHEMICAL APPLICATIONS SHALL BE DONE IN THE EXISTING BUILDING ONLY WHEN UNOCCUPIED. STORAGE OF CHEMICALS AND PAINTING SHALL BE OUTSIDE THE EXISTING OR NEW STRUCTURES AND SHALL FOLLOW MANUFACTURER'S STORAGE GUIDELINES.
18. OXYGEN OR OTHER GAS CONTAINERS SHALL BE PROPERLY STORED AND SECURED PER OSHA REGULATIONS, TO THE SATISFACTION OF THE CONSTRUCTION MANAGER, AND OWNER. FAILURE TO DO SO WILL RESULT IN A $250 BACK CHARGE, PER OCCURRENCE. THE CONTRACTOR AND TRADE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL OSHA REGULATIONS. GENERAL CONSTRUCTION CONTRACT SHALL SCHEDULE REGULARLY, PROJECT SITES WITH OSHA.
19. THE CONTRACTOR WILL PROVIDE AND MAINTAIN DUMPSTERS AS REQUIRED FOR THE DURATION OF THE PROJECT. THE CONTRACTOR WILL PROVIDE DUMPSTERS FOR ALL OTHER PRIMES AND TRADES TO USE AND PLACE CONSTRUCTION DEBRIS AND RUBBISH WITHIN, FOR DISPOSAL FROM THE SITE FOR THE DURATION OF THE PROJECT.
20. THE CONTRACTOR WILL REPLACE AND MAINTAIN ALL DUMPSTERS AS REQUIRED FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THEIR OWN MATERIALS, DEBRIS AND RUBBISH IN DUMPSTERS PROVIDED BY THE CONTRACTOR ON A DAILY BASIS, FAILURE TO MAINTAIN A CLEAN WORK AREA AND SITE DAILY, WILL RESULT IN OTHERS PERFORMING THE WORK AND THE CONTRACTOR(S) RESPONSIBLE WILL BE BACK CHARGED FOR ALL ASSOCIATED COSTS INCURRED TO RESTORE A CLEAN WORK AREA AND SITE. THIS MAY BE DONE WITHOUT THE TYPICAL 3-DAY NOTICE TO CONTRACTOR(S).
21. THE CONTRACTOR MUST SEND A QUALIFIED REPRESENTATIVE, KNOWLEDGEABLE IN THE PROJECT AND AUTHORIZED TO MAKE DECISIONS ON BEHALF OF THE COMPANY, TO EVERY PROJECT MEETING.
22. THE CONTRACTOR SHALL COOPERATE WITH THE SCHOOL PRINCIPAL AND CUSTODIAL STAFF IN COORDINATING WORK ACTIVITIES WITHIN THE SCHOOL. HOWEVER, IF ANY ADDITIONAL WORK IS REQUESTED THE CONTRACTOR SHALL NOT PROCEED UNLESS APPROVAL IS RECEIVED FROM THE CONSTRUCTION MANAGER. THE CONTRACTOR WILL NOT BE COMPENSATED FOR ANY ADDITIONAL WORK THAT IS PERFORMED WITHOUT THE CONSTRUCTION MANAGERS APPROVAL.
23. ANY DELIVERIES SENT TO THE SCHOOL WILL NOT BE SIGNED FOR OR UNLOADED BY THE OWNER OR CONSTRUCTION MANAGER. THEY WILL BE DIRECTED TO THE CONSTRUCTION SITE AND IF NO EMPLOYEE IS ON SITE, THE DELIVERY WILL BE REJECTED, AT THE CONTRACTORS SOLE EXPENSE.
24. ALL HOT TAR ROOFING SHALL BE INSTALLED AFTER SCHOOL HOURS OR ON WEEKENDS/HOLIDAYS ONLY. KETTLES SHALL NOT BE LIT UNTIL ALL STUDENTS HAVE LEFT THE BUILDING.
25. THE CONTRACTOR SHALL SUBMIT A TWO WEEK LOOK AHEAD WORK SCHEDULE AT ALL PROJECT MEETINGS, INDICATING WORK DAYS, WORK HOURS AND MANPOWER ALLOCATION FOR ALL AREAS OF THE CONTRACT WORK. THE CONTRACTOR WILL COORDINATE WITH ALL OTHER TRADES TO PERFORM THE WORK. CONSTRUCTION MANAGER AND OWNER TO APPROVE ACCESS TO THOSE AREAS SCHEDULED FOR WORK.
26. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN THE 8'-0" HIGH TEMP. CONSTRUCTION CHAIN LINK FENCE WITH TOP & BOTTOM RAILS, IN GOOD CONDITION AT ALL TIMES, FOR THE DURATION OF PROJECT. THIS INCLUDES ALL GATES AND LOCKS/CHAINS FOR SECURING SITE AFTER WORK HOURS. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION MANAGER 3 COPIES OF ALL KEYS. THE CONTRACTOR WILL MAINTAIN THE CONSTRUCTION PERIMETER FENCE FOR THE DURATION OF THE PROJECT. AT THE COMPLETION OF PROJECT OR AT THE DIRECTION OF THE OWNER, THE CONTRACTOR WILL REMOVE THE FENCE FROM THE SITE.
27. NO STORAGE OF MATERIALS WILL BE PERMITTED WITHIN THE BUILDINGS AT ANY TIME DURING CONSTRUCTION. THE CONTRACTOR MUST PROVIDE EXTERIOR STORAGE CONTAINERS AS REQUIRED FOR MATERIAL & EQUIPMENT STORAGE. IF REQUIRED CONTRACTOR TO HEAT CONTAINERS AS REQUIRED DURING WINTER MONTHS TO MAKE SURE MATERIAL TEMPERATURES ARE PROPERLY MAINTAINED. FINAL LOCATION OF STORAGE CONTAINER SHALL BE BY OWNER AND CONSTRUCTION MANAGER.
28. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL REQUIRED SITE SAFETY SIGNAGE, IN ADDITION TO THOSE SHOWN ON CIP DWGS FOR DURATION OF PROJECT.
29. THE CONTRACTOR SHALL PROVIDE, INSTALL & MAINTAIN ALL "BLACK" GEOTEXTILE FABRIC, 8'-0" HEIGHT (SILT FENCE) TO EXISTING & TEMPORARY CHAIN LINK FENCE. FABRIC TO BE TIE-WRAPPED TO FENCE SUFFICIENT TO SUPPORT FABRIC THROUGHOUT PROJECT. THE CONTRACTOR WILL SUPPLY, INSTALL, AND MAINTAIN ALL ADDITIONAL SILT FENCING, GEOGRID AND TEMP. CONSTRUCTION FENCE AS REQUIRED BY THE OWNER FOR THE DURATION OF THE PROJECT. THE CONTRACTOR WILL REMOVE ALL TEMP. FENCING AT THE PROJECT COMPLETION.
30. CONTRACTOR TO PROVIDE AND SERVICE PORTABLE TOILETS FOR THE DURATION OF CONSTRUCTION. TOILETS TO BE SERVICED BY CONTRACTOR ON A REGULAR BASIS TO MAINTAIN SANITARY CONDITIONS.
31. CONTRACTOR SHALL PROTECT ALL EXISTING ROOFS DURING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ROOFS DURING CONSTRUCTION. THE CONTRACTOR SHALL MAKE ALL REPAIRS TO ANY DAMAGED AREAS, AS REQUIRED BY THE MANUFACTURER OF THE ROOF SYSTEM.
32. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING WEATHER TIGHT SEAL PROTECTION OVER ALL ROUGH OPENINGS, INCLUDING WINDOWS AND ROOF OPENINGS. CONTRACTOR TO PROVIDE FOR DURATION OF PROJECT.
33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING PRE-CONSTRUCTION WALK-THRU'S AND VIDEO TAPING EXISTING CONDITIONS. MANDATORY WALK-THRU SHALL BE PRE-SCHEDULED THROUGH THE CONSTRUCTION MANAGER AND SHALL HAVE OWNER, CONSTRUCTION MANAGER, CONTRACTOR PRESENT. FAILURE TO DO SO WILL RESULT IN OWNER ARRANGING FOR THESE SERVICES AND BACKCHARGING CONTRACTOR FOR ALL RELATED COSTS.
34. MANUFACTURERS MATERIAL SAFETY DATA SHEETS (MSDS) SHALL BE AVAILABLE AT THE SITE FOR ALL PRODUCTS USED IN THE PROJECT TO BE PROVIDED BY THE CONTRACTOR.
35. EGRESS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
36. CONTRACTOR SHALL PREPARE CIP DRAWINGS WHICH WILL INDICATE ALL 1-HOUR FIRE RATED TEMPORARY WALLS INCLUDING DUST PARTITIONS AND TEMPORARY CONSTRUCTION FENCES THAT SEPARATE OCCUPIED AREAS FROM AREAS WHERE WORK IS TO BE PERFORMED. THE CIP DRAWINGS SHALL ALSO INDICATE ALL STAGING AREAS INCLUDING LOCATION OF TRAILERS, STORAGE CONTAINERS AND SERVICEABLE TOILETS. FINAL LOCATIONS OF TEMPORARY WALLS, DUST PARTITIONS, TEMPORARY FENCES, STORAGE CONTAINERS AND SERVICEABLE TOILETS SHALL BE REVIEWED WITH THE OWNER AND CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
37. TEMPORARY OWNER'S TRAILER TO BE PROVIDED UNDER THE CONTRACT FOR GENERAL CONSTRUCTION. POWER FOR TRAILER TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
38. BECAUSE OF THE CLOSE PROXIMITY OF THE CONSTRUCTION AREA TO THE EXISTING SCHOOL, ALL EQUIPMENT THAT PRODUCE ENGINE EXHAUST (I.E. VIA COMBUSTION ENGINES, ETC.) SHALL BE PERMANENTLY OUTFITTED WITH GAS OR DIESEL EXHAUST SCRUBBERS FOR THE DURATION OF THE WORK. IF AT ANY TIME THERE IS EQUIPMENT OPERATING WITHOUT THESE DEVICES IN PROPER FUNCTIONAL ORDER THE CONTRACTOR WILL BE FINED $500 PER INSTANCE. FOR DELIVERIES, ENGINES CAN RUN/OPERATE FOR 5 MINUTES (SAME GUIDELINES AS BUSES) THAN NEED TO BE TURNED OFF. FOR EQUIPMENT SUCH AS CONCRETE PUMPERS THAT COME TO THE SITE INTERMITTENTLY, THEY SHALL BE REQUIRED TO OPERATE AS FAR AWAY FROM THE BUILDING AS POSSIBLE. IF THIS EFFORT IS NOT UNDERTAKEN EACH AND EVERY TIME UNDER ANY CIRCUMSTANCE, THEY SHALL BE DIRECTED TO LEAVE THE SITE IMMEDIATELY.
39. BECAUSE OF THE CLOSE PROXIMITY OF THE CONSTRUCTION AREA TO THE EXISTING SCHOOL, ALL EQUIPMENT SHALL HAVE MUFFLERS AND/OR NOISE INHIBITING PARAPHERNALIA EMPLOYED SO AS TO MINIMIZE OR CANCEL OUT NOISE. NOTE THAT THE MAXIMUM ALLOWABLE NOISE LEVEL ALLOWED BY THE SED IS 60DB.

WINTER CONDITION NOTES:

1. ALL CONTRACTORS ARE TO TAKE NECESSARY MEASURES FOR SAFETY PRECAUTIONS.
2. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SNOW REMOVAL AND APPLICATION OF ROAD SALT AS REQUIRED.
3. GENERAL CONTRACTOR TO PROVIDE WEEKLY WEATHER FORECASTS WITH THEIR TWO WEEK LOOK-AHEADS DURING COLD WEATHER MONTHS.
4. PROTECTION AND HEATING OF CONCRETE WORK, SEE TEMPORARY FACILITIES SPECS.
5. WRAPPING OF BUILDING FOR PROTECTION FROM AND HEATING AGAINST COLD WEATHER, SEE TEMPORARY FACILITIES SPECS.

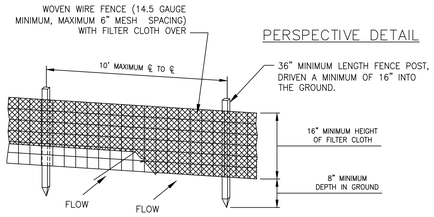


INSTALLATION NOTES:

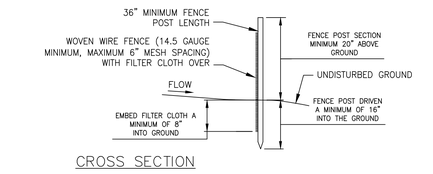
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.

SOIL STOCKPILING

NOT TO SCALE



PERSPECTIVE DETAIL



CROSS SECTION

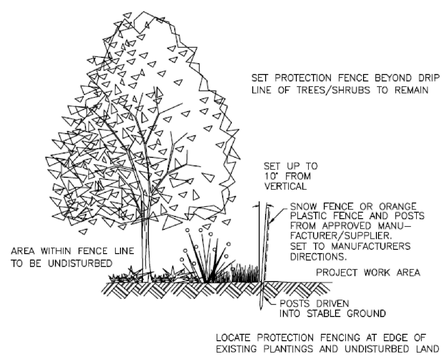
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. POST: STEEL EITHER "T" OR "U" TYPE OR 2" HARDWOOD
6. FENCE: WOVEN WIRE, 14.5 GAUGE 6" MAXIMUM MESH OPENING FILTER
7. CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL
8. PREFABRICATED UNIT: GEOFAB. ENVIROFENCE, OR APPROVED EQUAL.

SILT FENCE DETAIL

NOT TO SCALE

REPRODUCED FROM NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL



LOCATE PROTECTION FENCING AT EDGE OF EXISTING PLANTINGS AND UNDISTURBED LAND

REFER TO CIVIL DRAWINGS FOR TREE PROTECTION

NOTES

1. THIS DRAWING IS PROVIDED TO DEPICT THE IMPLEMENTATION SCHEDULE OF WORK IN ORDER TO MINIMIZE THE EFFECT OF CONSTRUCTION ON THE EDUCATIONAL PROGRAM AND PRIMARY USES OF THE FACILITY.
2. THIS DRAWING IS GENERAL IN NATURE AND DO NOT REFLECT THE ACTUAL EXISTING CONDITIONS. LATEST PROPOSED FLOOR PLAN, PROPOSED WORK AND WORK AREAS. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL AND CIVIL DRAWINGS FOR SPECIFIC SCOPED WORK AND WORK AREAS.
3. THIS DRAWING IS FOR REFERENCE ONLY AND SHALL NOT TO BE USED FOR CONSTRUCTION.
4. ALL REGULATORY AGENCY REQUIREMENTS INCLUDING STATE AND LOCAL CODES AND PROPER SAFETY PRECAUTIONS SHALL APPLY AND TAKE PRECEDENCE OVER THE WORK PLANS.

SECTION 01 11 00

MILESTONE SCHEDULE

PART 1 – GENERAL

1.01 MASTER SCHEDULE

The following milestone schedule serves as a basis for bidding. A Master Schedule will be developed at a general meeting of the awarded contractor within 10 days of Award the Contracts. This Master Schedule will incorporate the milestones listed below.

1.02 SUBSTANTIAL COMPLETION & MILESTONE DATES

A. Award Contracts within 30 days of Contract Opening

B. Start Construction – Date of Award of Contracts

C. Milestone Dates

Osborn Elementary School

ADDITION-Commence Construction	October 18, 2021
Substantial Completion	December 2, 2022
RENOVATION-Commence	June 26, 2023
Substantial Completion	August 18, 2023
Completion of Punchlist & Project Closeout	September 22, 2023

Osborn ES Sitework and Modular Bldg's Commence Sitework

Modular Relocation	June 26, 2023
Completion	August 18, 2023

Asbestos Abatement at all schools and building is critical to the construction schedule and shall be scheduled so that the abatement is complete within the first two weeks of renovation construction. The Rye City School District will make arrangements to have the building available for second shift and 24 hour work if necessary to complete the asbestos abatement work in the first two weeks.

D. Final Close-out of all Contract

a. Final Close-out of Contract

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
	TEMPORARY STONE TRACKING PAD
	PROPOSED STAGING AREAS AS INDICATED ON PLANS.
	PHASE 1 – PROPOSED AREAS OF WORK
	PHASE 2 – PROPOSED AREAS OF WORK
	CONSTRUCTION ENTRANCE GATE
— x — x — x —	8' HIGH TEMPORARY FENCE W/BOTTOM & TOP RAILS W/30" SILT FENCE & 8' HIGH SCREEN
	INSTALL PLYWOOD BARRIER ON EXTERIOR WALL WITH 3/4" CDX PLYWOOD ON 3 5/8" METAL STUDS @ 16" O.C. WITH TWO LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD, TAPE & COMPOUND WITH CAULKING AT THE PERIMETER, GYP. BOARD TO BE PAINTED.
	TEMPORARY DUST PROTECTION, PLASTIC CORRIDOR BARRIER WITH ZIPPER OPENING. GC WILL ALSO INSTALL PLASTIC BARRIERS AT DOORWAYS TO OFFICES AND CLASSROOMS WHERE NO WORK IS TAKING PLACE, AS DIRECTED BY CM.

TEMPORARY SIGNAGE NOTES

TEMPORARY TRAFFIC SIGNAGE:

PROVIDE TRAFFIC SIGNAGE DURING CONSTRUCTION WHERE REQUIRED TO IDENTIFY TRAFFIC FLOW AND PEDESTRIAN SAFETY. SIGNAGE TO INCLUDE BUT IS NOT LIMITED TO:

- "TRUCKS ENTERING AND EXITING"
- "ALL CONSTRUCTION VEHICLES MUST STOP AT THE GC TRAILER"
- "STOP"
- "DO NOT ENTER"
- "NO ENTRY BETWEEN _____ AND _____"

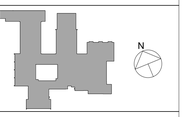
TEMPORARY PAVEMENT MARKINGS:

PROVIDE PAVEMENT MARKINGS AS REQUIRED FOR TRAFFIC FLOW. AFTER AND/OR REPLACE WHEN NECESSARY.

Revision Schedule

No.	Description	Date
1	SED SUBMISSION	9/15/2020
2	ISSUED FOR BID	8/10/2021
3	ADDENDUM No. 2	8/18/2021

KEY PLAN



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(203) 256-8700

Fielding International
Transforming Education by Design
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914.328.6060 GENERAL@BGA-ENG.com www.BGA-ENG.com

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914-769-3200

Structural Engineer
ODEH ENGINEERS
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401-724-1771

Civil Engineer
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518-463-4400

Acoustic Consultant
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Providence, RI
401-861-3218

AV Consultant
CAVANAUGH TOCCI
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Sudbury, MA 01776-3027
978-443-7871

SED#: 6618-0001-0001-024

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

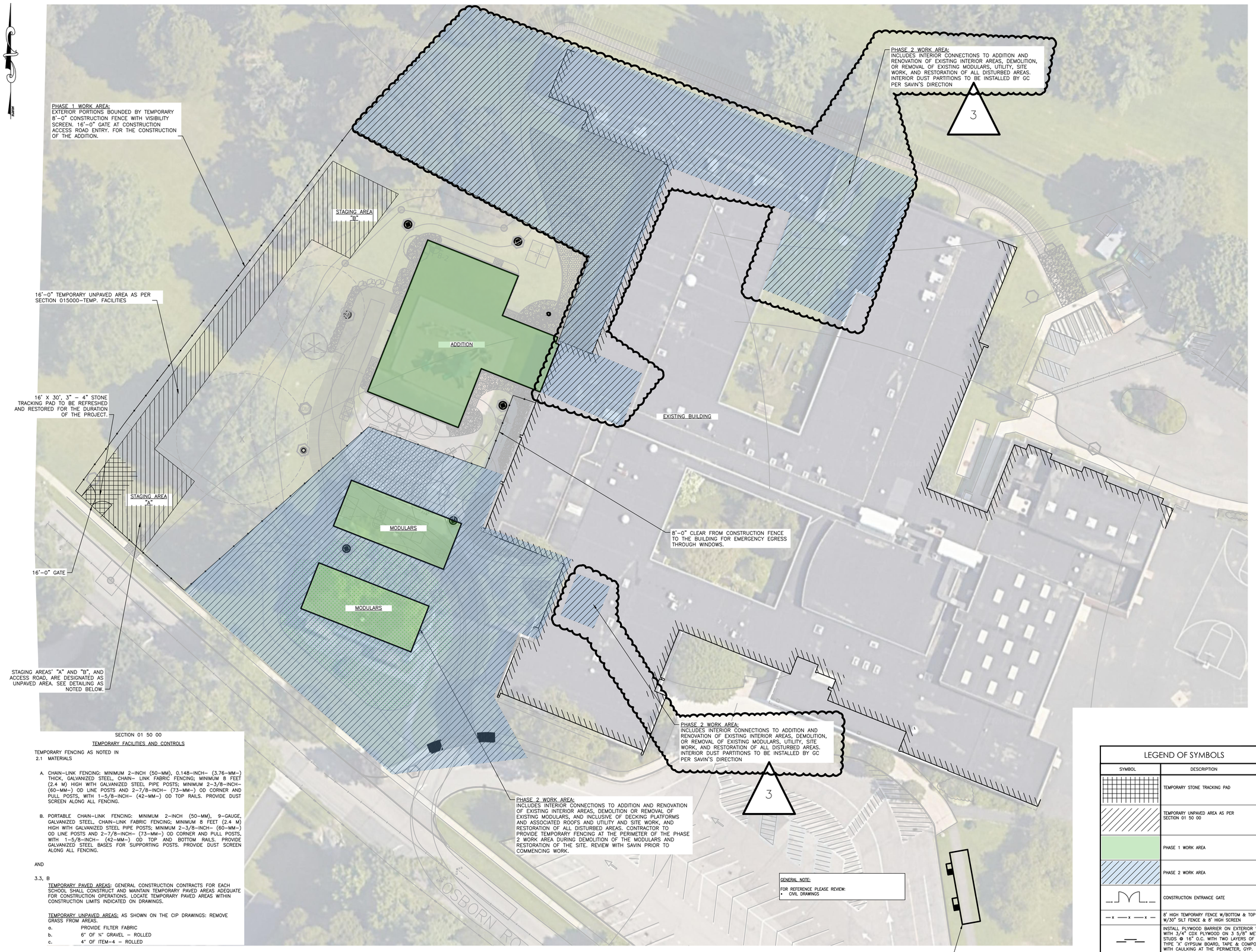
10 Osborn Road, Rye NY 10580

Drawn By: AA	Checked By: RF
Scale:	Date: 08/10/2021

CONSTRUCTION IMPLEMENTATION PLAN - GENERAL NOTES & MILESTONE SCHEDULES

SEAL & SIGNATURE	DATE: 08/10/2021
	PROJECT No:
	DRAWING BY:
	CHK BY:
	DWG No: CIP-01

OSBORN_CIP-1.dwg



SECTION 01 50 00

TEMPORARY FACILITIES AND CONTROLS

TEMPORARY FENCING AS NOTED IN
2.1 MATERIALS

A. CHAIN-LINK FENCING: MINIMUM 2-INCH (50-MM), 0.148-INCH- (3.76-MM-) THICK, GALVANIZED STEEL, CHAIN- LINK FABRIC FENCING; MINIMUM 8 FEET (2.4 M) HIGH WITH GALVANIZED STEEL PIPE POSTS; MINIMUM 2-3/8-INCH-(60-MM-) OD LINE POSTS AND 2-7/8-INCH- (73-MM-) OD CORNER AND PULL POSTS, WITH 1-5/8-INCH- (42-MM-) OD TOP RAILS. PROVIDE DUST SCREEN ALONG ALL FENCING.

B. PORTABLE CHAIN-LINK FENCING: MINIMUM 2-INCH (50-MM), 9-GAUGE, GALVANIZED STEEL, CHAIN-LINK FABRIC FENCING; MINIMUM 8 FEET (2.4 M) HIGH WITH GALVANIZED STEEL PIPE POSTS; MINIMUM 2-3/8-INCH- (60-MM-) OD LINE POSTS AND 2-7/8-INCH- (73-MM-) OD CORNER AND PULL POSTS, WITH 1-5/8-INCH- (42-MM-) OD TOP AND BOTTOM RAILS. PROVIDE GALVANIZED STEEL BASES FOR SUPPORTING POSTS. PROVIDE DUST SCREEN ALONG ALL FENCING.

AND

3.3. B

TEMPORARY PAVED AREAS: GENERAL CONSTRUCTION CONTRACTS FOR EACH SCHOOL SHALL CONSTRUCT AND MAINTAIN TEMPORARY PAVED AREAS ADEQUATE FOR CONSTRUCTION OPERATIONS. LOCATE TEMPORARY PAVED AREAS WITHIN CONSTRUCTION LIMITS INDICATED ON DRAWINGS.

TEMPORARY UNPAVED AREAS: AS SHOWN ON THE CIP DRAWINGS: REMOVE GRASS FROM AREAS.

a. PROVIDE FILTER FABRIC
b. 6" OF ¾" GRAVEL – ROLLED
c. 4" OF ITEM-4 – ROLLED

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
	TEMPORARY STONE TRACKING PAD
	TEMPORARY UNPAVED AREA AS PER SECTION 01 50 00
	PHASE 1 WORK AREA
	PHASE 2 WORK AREA
	CONSTRUCTION ENTRANCE GATE
— x — x —	8' HIGH TEMPORARY FENCE W/BOTTOM & TOP RAILS W/30" SILT FENCE & 8' HIGH SCREEN
	INSTALL PLYWOOD BARRIER ON EXTERIOR WALL WITH 3/4" CDX PLYWOOD ON 3 5/8" METAL STUDS @ 16" O.C. WITH TWO LAYERS OF 5/8" TYPE "X" GYPSUM BOARD, TAPE & COMPOUND WITH CAULKING AT THE PERIMETER, GYP. BOARD TO BE PAINTED.
	TEMPORARY DUST PROTECTION. PLASTIC WITH ZIPPER OPENING

CONSTRUCTION IMPLEMENTATION PLAN - SITE PLAN

SCALE: N.T.S.

Revision Schedule

No.	Description	Date
1	SED SUBMISSION	9/15/2020
2	ISSUED FOR BID	8/10/2021
1	ADDENDUM No. 2	8/18/2021

KEY PLAN

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978-443-7871

SED#: 6618-0001-0001-024

PROJECT

Rye City Schools
555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

10 Osborn Road, Rye NY 10580

Drawn By: AA | Checked By: RF
Scale: | Date: ##########

CONSTRUCTION IMPLEMENTATION PLAN - EXISTING CONDITIONS & DEMOLITION PLAN

SEAL & SIGNATURE

DATE: 08/10/2021
PROJECT No:
DRAWING BY:
CHK BY:
DWG No: CIP-02

OSBORN_CIP-2.dwg

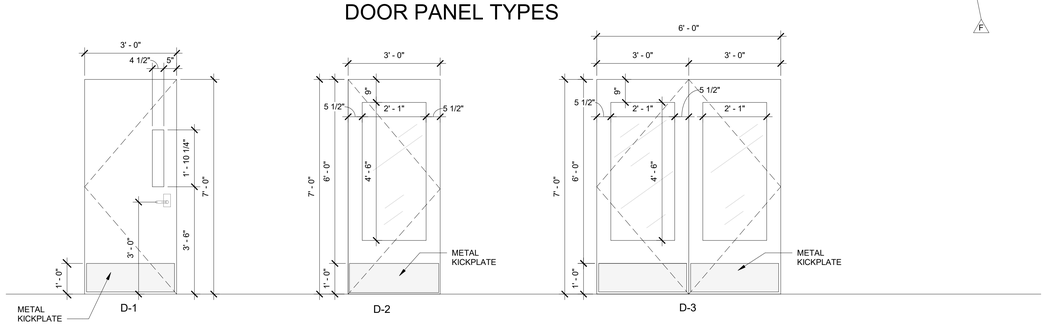
ADDITION - DOOR SCHEDULE

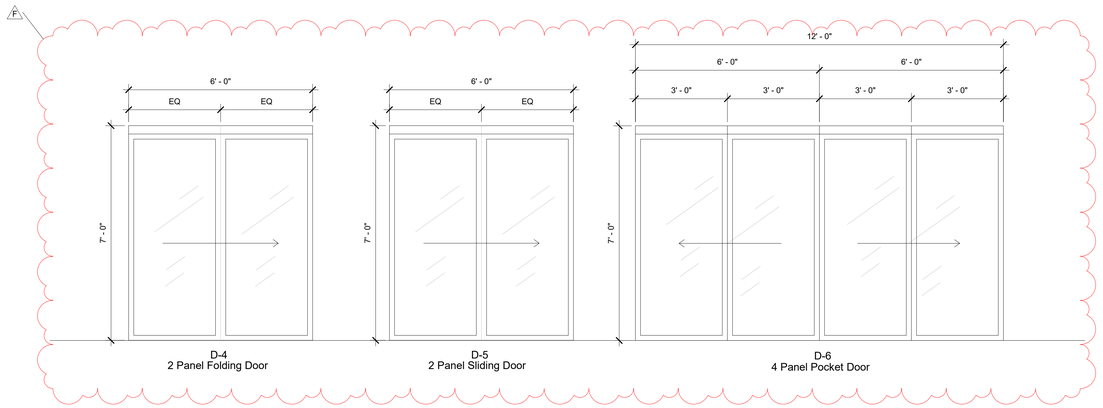
DOOR NUMBER	FROM ROOM	TO ROOM	DOOR MATERIAL	DOOR TYPE	HEIGHT	WIDTH	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAIL	FIRE RATING	HARDWARE GROUP	NOTE
001M	Corridor	100 Active Commons	WOOD, GLASS	D-3	7' - 0"	6' - 0"		F-2	H.M.			45 MIN	02	DOOR TO BE ON AUTOMATIC HOLD-OPEN
31-A	31 Learning Studio	Corridor	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.			45 MIN	08	
31-B	31 Learning Studio	Corridor	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.			45 MIN	08	
31-C	31 Learning Studio	Storage	WOOD	D-10	7' - 0"	1' - 8"		F-7	H.M.				08	
31-G	31S CORRIDOR	31C JANITOR CLOSET	WOOD	D-9	7' - 0"	3' - 0"		F-1	H.M.					
37-A	Corridor	37 A JANITOR CLOSET	WOOD	D-11	6' - 8"	6' - 0"		F-8	H.M.					
100-A	Corridor	100 Active Commons	WOOD, GLASS	D-3	7' - 0"	6' - 0"		F-2	H.M.			90 MIN	02	DOOR TO BE ON AUTOMATIC HOLD-OPEN
100-B	101 Workshop Commons	Exterior	INTRUDER RESISTANT GLASS	D-8	8' - 0"	6' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				10	
101-A	101 Workshop Commons	Exterior	INTRUDER RESISTANT GLASS	D-8	8' - 0"	6' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				10	
102-A	101 Workshop Commons	102 Learning Studio	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
102-B	101 Workshop Commons	102 Learning Studio	ALUM., GLASS	D-4	7' - 0"	6' - 0"		F-4	ALUM				By MFG	CRL MONTEREY S55 SERIES
102-C	102 Learning Studio	103 Learning Studio	ALUM., GLASS	D-6	7' - 0"	12' - 0"		F-6	ALUM				By MFG	
102-D	102 Learning Studio	Exterior	INTRUDER RESISTANT GLASS	D-7	8' - 0"	3' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				08	
103-A	101 Workshop Commons	103 Learning Studio	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
103-B	101 Workshop Commons	103 Learning Studio	ALUM., GLASS	D-4	7' - 0"	6' - 0"		F-4	ALUM				By MFG	CRL MONTEREY S55 SERIES
103-C	103 Learning Studio	Exterior	INTRUDER RESISTANT GLASS	D-7	8' - 0"	3' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				11	
104-A	101 Workshop Commons	104 Small Group Room	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
105-A	101 Workshop Commons	105 Learning Studio	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
105-B	101 Workshop Commons	105 Learning Studio	ALUM., GLASS	D-4	7' - 0"	6' - 0"		F-4	ALUM				By MFG	CRL MONTEREY S55 SERIES
105-C	105 Learning Studio	Exterior	INTRUDER RESISTANT GLASS	D-7	8' - 0"	3' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				11	
106-A	105 Learning Studio	106 Small Group Room	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
106-B	107 Learning Studio	106 Small Group Room	ALUM., GLASS	D-5	7' - 0"	6' - 0"		F-3	ALUM				By MFG	CRL SLIDING DOOR SERIES 2000
107-A	101 Workshop Commons	107 Learning Studio	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
107-B	107 Learning Studio	Exterior	INTRUDER RESISTANT GLASS	D-7	8' - 0"	3' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				11	
107-C	107 Learning Studio	105 Learning Studio	ALUM., GLASS	D-6	7' - 0"	12' - 0"		F-6	ALUM				By MFG	
107-D	101 Workshop Commons	107 Learning Studio	ALUM., GLASS	D-4	7' - 0"	6' - 0"		F-4	ALUM				By MFG	CRL MONTEREY S55 SERIES
108-A	101 Workshop Commons	108 Conference	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-5	H.M.				09	
111-A	100 Active Commons	111 WC	WOOD	D-9	7' - 0"	3' - 0"		F-1	H.M.				08	
112-A	100 Active Commons	112 WC	WOOD	D-9	7' - 0"	3' - 0"		F-1	H.M.				08	

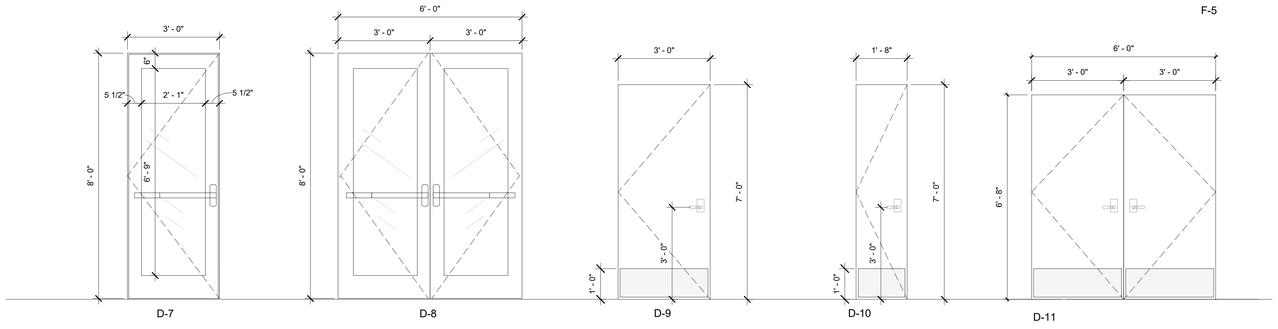
ROLLER SHADE DOOR - ADDITION PHASE 3

DOOR NUMBER	COUNT	OPENING SIZE HxW	MANUFACTURER	FABRIC 1	MODEL	COMMENTS
001M	2	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
31-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
31-B	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
31-C						
31-G						
37-A						
100-A	2	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
100-B	2	INCLUDED IN EXTERIOR WINDOW SCHEDULE				
101-A	2	INCLUDED IN EXTERIOR WINDOW SCHEDULE				
102-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
102-B	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
102-C	1	7' - 0" x 12' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
102-D		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
103-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
103-B	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
103-C		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
104-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
105-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
105-B	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
105-C		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
106-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
106-B	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
107-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
107-B		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
107-C	1	7' - 0" x 12' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
107-D	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
108-A	1	4' - 6" x 2' x 1",7' - 2" x 4' - 6"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
111-A						
112-A						

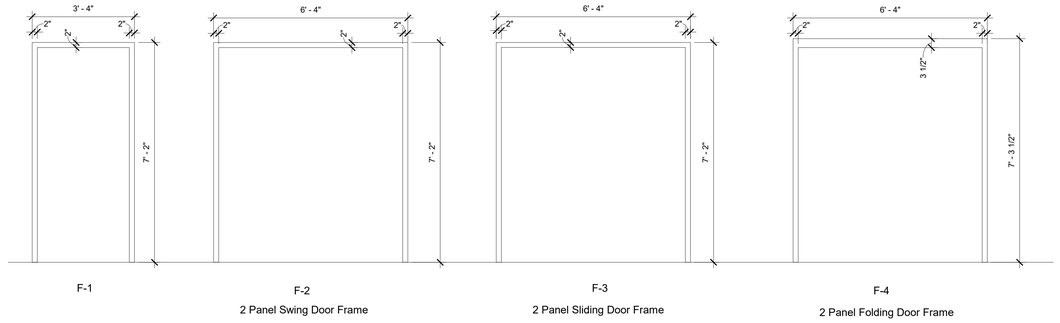
DOOR PANEL TYPES

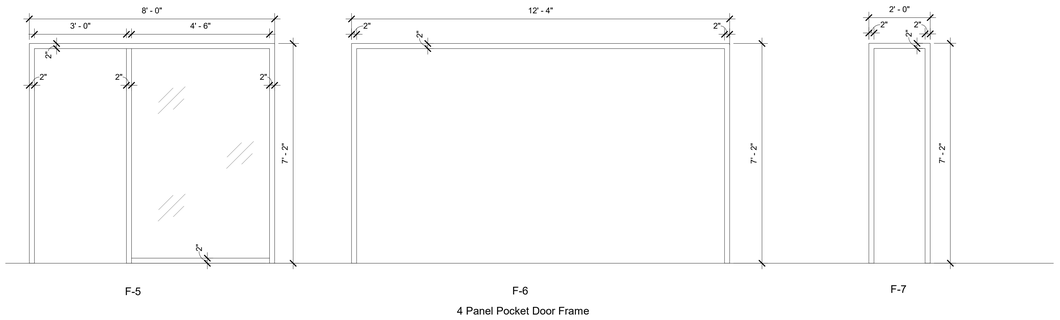


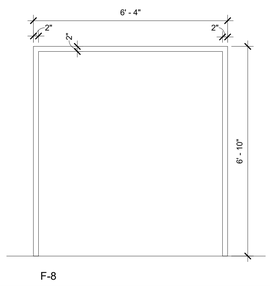




DOOR FRAMES







GENERAL NOTES:

1. FIRE RATINGS OF OPENING PROTECTIVES THROUGH 2HR FIRE WALL AND 1HR FIRE PARTITION CONSTRUCTION TO BE IN CONFORMANCE WITH BCNYS 716.

2. PROVIDE ALL DOORS AND DOOR SIDELIGHTS WITH SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2.

Revision Schedule

No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	Additions - SED Addendum #1	4/12/2021
D	ADDITIONS: ISSUED FOR BID	8/10/2021
F	Phase 3: BID ADDENDUM #2	Date 43

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Acoustic Consultant
DP DESIGN
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Providence, RI
401-861-3218

AV Consultant
CAVANAUGH TOCCI
327 F Boston Post Road
Sudbury, MA 01776-3027
978-443-7871

SED#: 6618-0001-0001-024

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

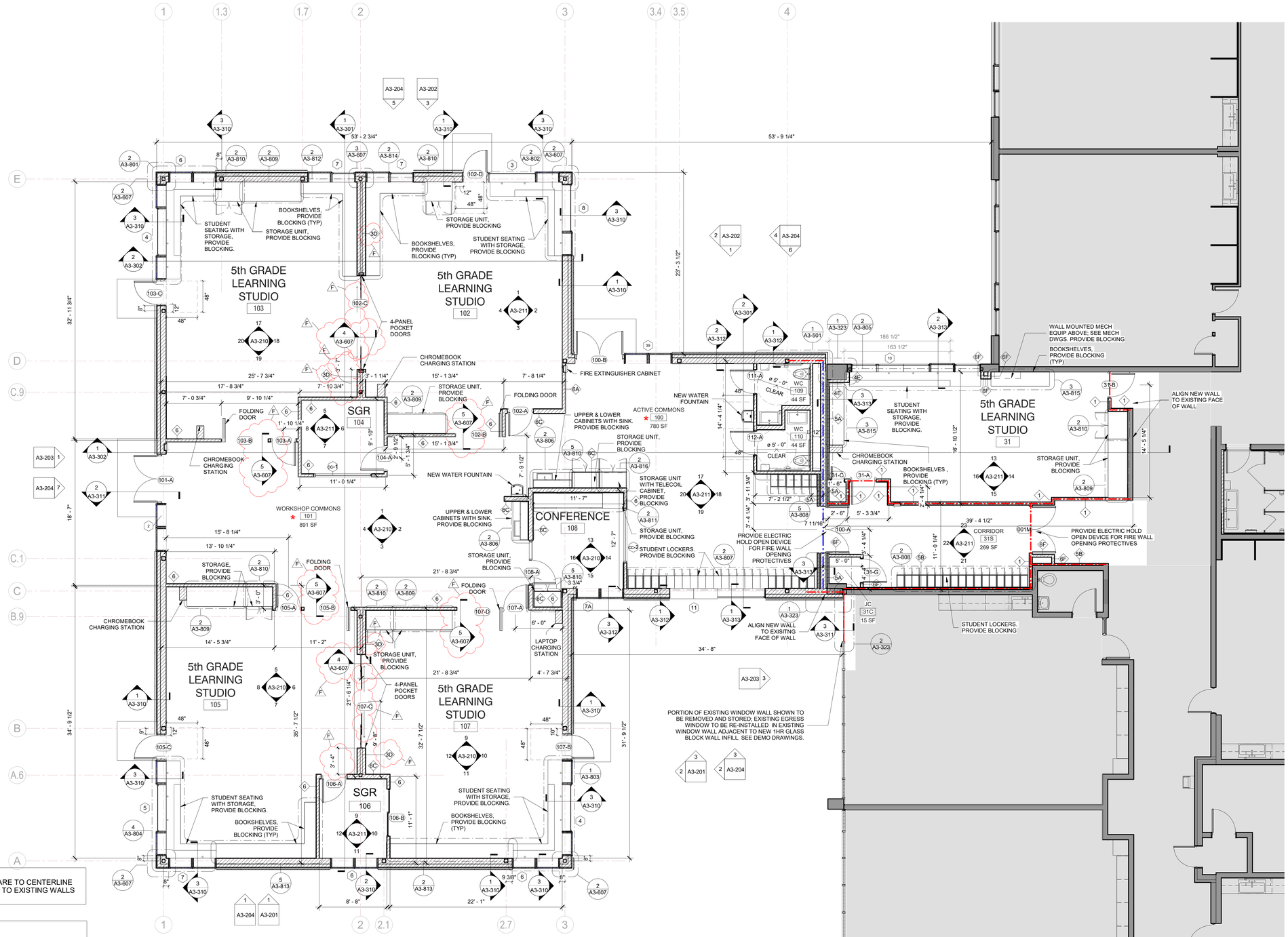
10 Osborn Road, Rye NY 10580

DOOR & FRAME TYPES & SCHEDULE

Approver

SEAL & SIGNATURE

DATE: 07/27/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-601



NOTE ALL CORRIDOR LOCKERS ARE TO BE FIRE-RETARDANT

GENERAL NOTE:
ALL DIMENSIONS TO NEW WALLS ARE TO CENTERLINE OF WALL STUDS. ALL DIMENSIONS TO EXISTING WALLS ARE TO FACE OF WALL.

LEGEND

- NEW 1-HR RATED FIRE PARTITION
- EXISTING 1-HR RATED FIRE PARTITION
- NEW 2-HR RATED FIRE BARRIER
- EXISTING 2-HR RATED FIRE BARRIER
- NEW 2-HR RATED FIRE WALL
- EXISTING 2-HR RATED FIRE WALL

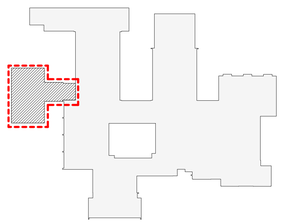
NOTE: SEE DRAWING A3-300 FOR WALL TYPES

STEAM NOTE

* THE ACTIVE COMMONS AND WORKSHOP COMMONS ARE INTENDED TO BE USED FOR **STEAM** RELATED ACTIVITIES. THE LAYOUT ALLOWS FOR DIRECT ACCESS FROM THE COMMONS SPACES FROM THE 4 ADJACENT NEW CLASSROOMS.

1 Addition Floor Plan

SCALE: 3/16" = 1'-0"



OSBORN PHASE 3 KEY PLAN

1" = 80'

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	Additions - SED Addendum #1	4/12/2021
10	Addition Pre-Bidding - Rev C	Date 30
C	Additions - SED Addendum #3	6/28/2021
D	ADDITIONS: ISSUED FOR BID	8/10/2021
E	Phase 3: BID ADDENDUM #1	8/16/2021
F	Phase 3: BID ADDENDUM #2	Date 43

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AV Consultant
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327 F Boston Post Road
Sudbury, MA 01776-3027
978-443-7871

SED#: 6618-0001-0001-024

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

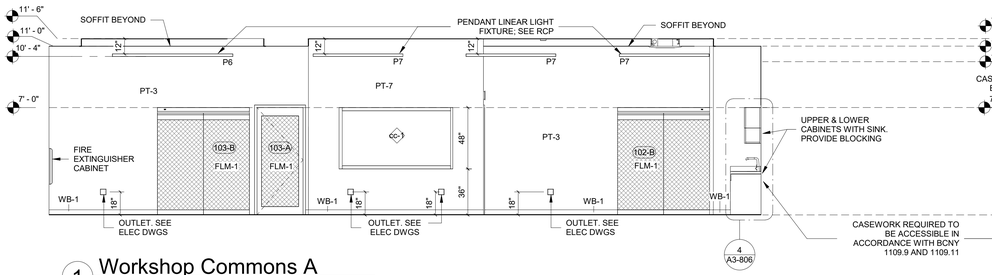
10 Osborn Road, Rye NY 10580

ADDITION FLOOR PLAN

Approver

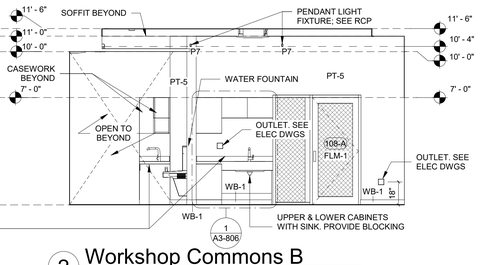
SEAL & SIGNATURE

DATE: 02/12/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-120



1 Workshop Commons A

SCALE: 1/4" = 1'-0"



2 Workshop Commons B

SCALE: 1/4" = 1'-0"

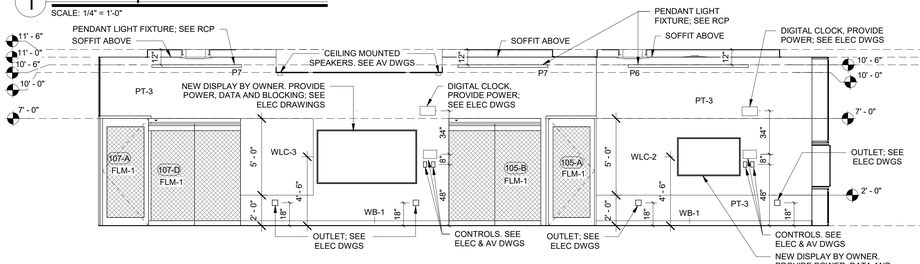
GENERAL NOTE:

1. ALL ACCESSIBLE CASEWORK DIMENSIONAL REACH LIMITS MUST COMPLY WITH FIGURES 308.2.1, 308.2.2, AND 308.2.3 IN CHAPTER 3 OF ICC A117.1. SEE DETAIL DRAWINGS.

2. 5% OF EACH CASEWORK TYPE IS REQUIRED TO BE ACCESSIBLE IN ACCORDANCE WITH BCNY 1109.9 AND 1109.11. SEE DETAIL DRAWINGS

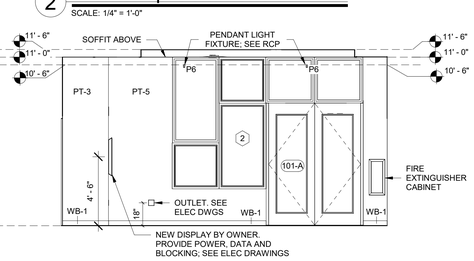
NOTE:
MAGNETIC WALL COVERINGS BY OTHERS.

F



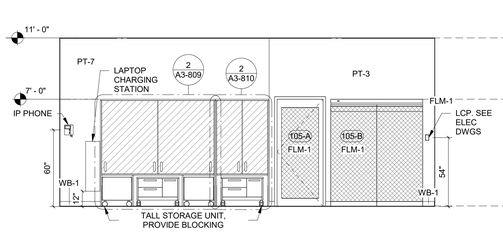
3 Workshop Commons C

SCALE: 1/4" = 1'-0"



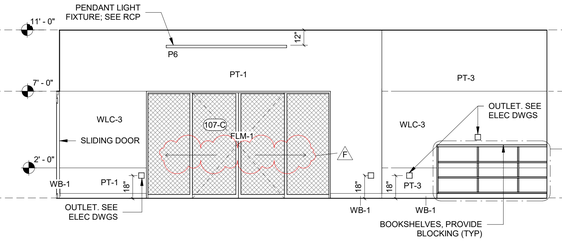
4 Workshop Commons D

SCALE: 1/4" = 1'-0"



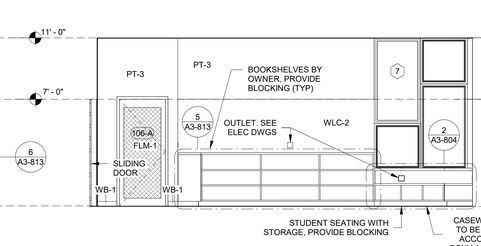
5 5th GRADE LEARNING STUDIO 105 A

SCALE: 1/4" = 1'-0"



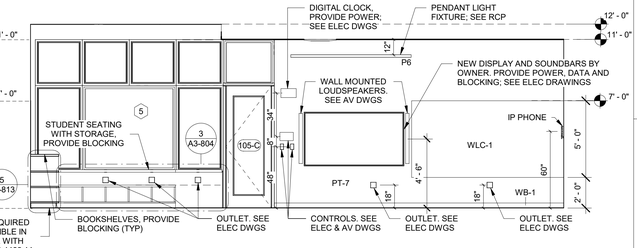
6 5th GRADE LEARNING STUDIO 105 B

SCALE: 1/4" = 1'-0"



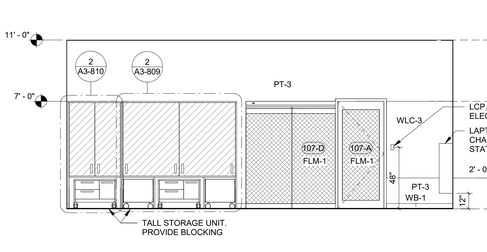
7 5th GRADE LEARNING STUDIO 105 C

SCALE: 1/4" = 1'-0"



8 5th GRADE LEARNING STUDIO 105 D

SCALE: 1/4" = 1'-0"



9 5th GRADE LEARNING STUDIO 107 A

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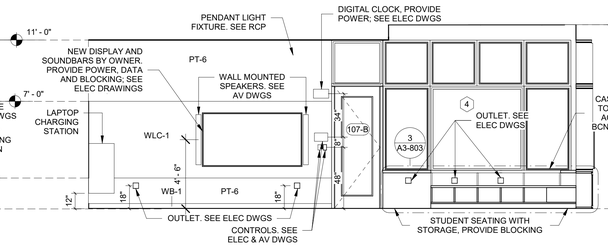

10 5th GRADE LEARNING STUDIO 107 B

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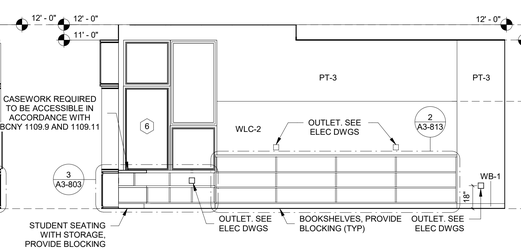

11 5th GRADE LEARNING STUDIO 107 C

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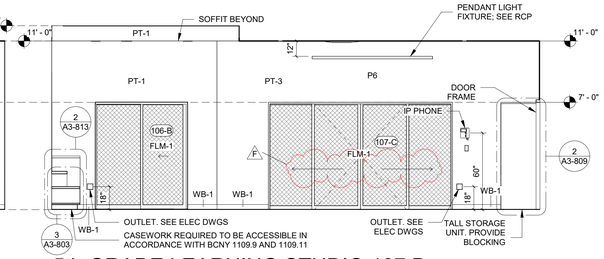

12 5th GRADE LEARNING STUDIO 107 D

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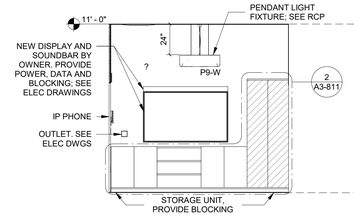
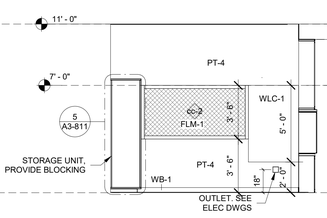


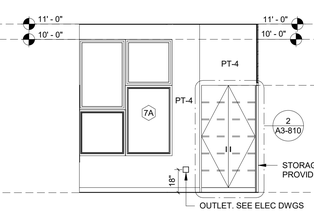
13 Conference Room A

SCALE: 1/4" = 1'-0"



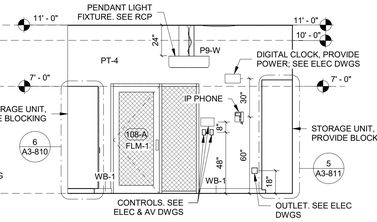
14 Conference Room B

SCALE: 1/4" = 1'-0"



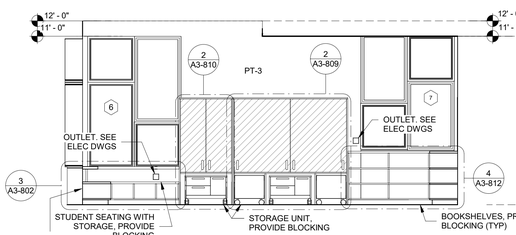
15 Conference Room C

SCALE: 1/4" = 1'-0"



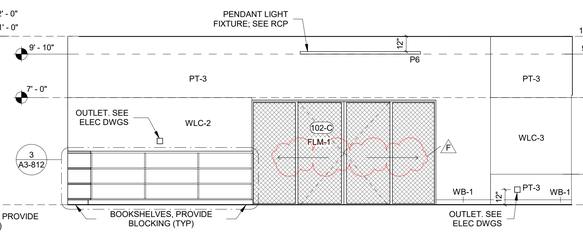
16 Conference Room D

SCALE: 1/4" = 1'-0"



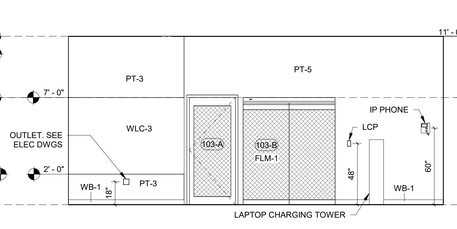
17 5th GRADE LEARNING STUDIO 103 A

SCALE: 1/4" = 1'-0"



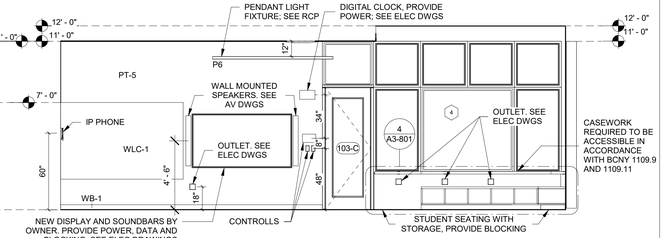
18 5th GRADE LEARNING STUDIO 103 B

SCALE: 1/4" = 1'-0"



19 5th GRADE LEARNING STUDIO 103 C

SCALE: 1/4" = 1'-0"



20 5th GRADE LEARNING STUDIO 103 D

SCALE: 1/4" = 1'-0"

Revision Schedule		
No.	Description	Date
	SED Addendum 2	02/05/2020
A	SED SUBMISSION	10/23/2020
B	Additions - SED Addendum #1	4/12/2021
D	ADDITIONS: ISSUED FOR BID	8/10/2021
F	Phase 3: BID ADDENDUM #2	Date 43

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SED#: 6618-0001-0001-024

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

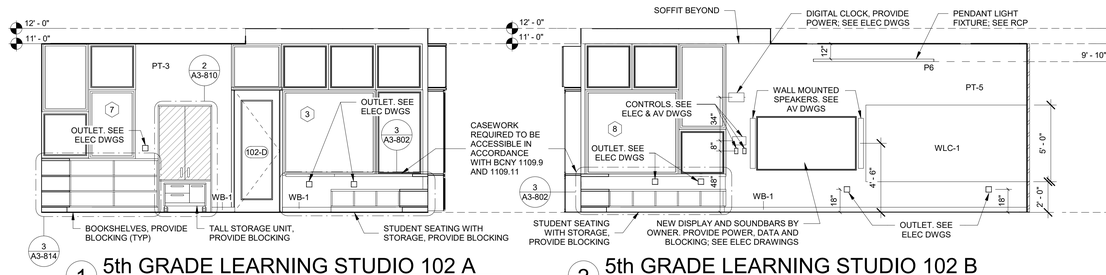
10 Osborn Road, Rye NY 10580

INTERIOR ELEVATIONS - ADDITION

Approver

SEAL & SIGNATURE

DATE: 02/14/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No:
A3-210

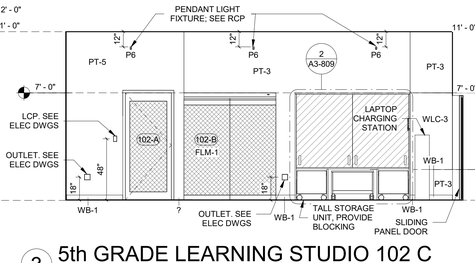


1 5th GRADE LEARNING STUDIO 102 A

SCALE: 1/4" = 1'-0"

2 5th GRADE LEARNING STUDIO 102 B

SCALE: 1/4" = 1'-0"



3 5th GRADE LEARNING STUDIO 102 C

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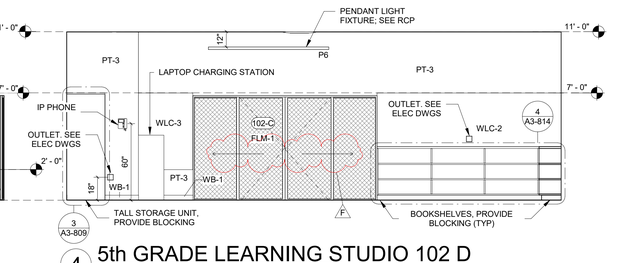

4 5th GRADE LEARNING STUDIO 102 D

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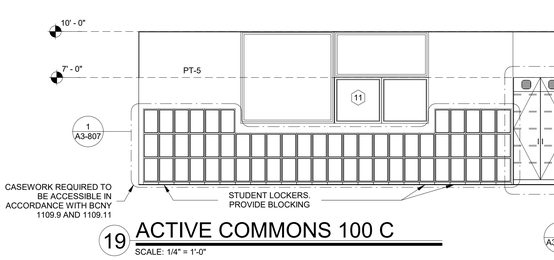
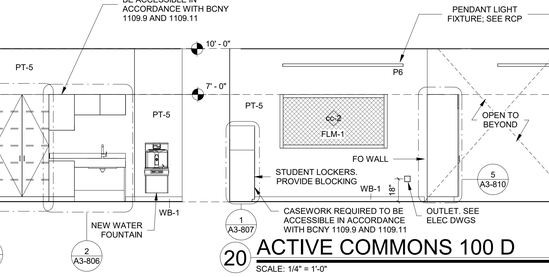


5 SGR 104 North

SCALE: 1/4" = 1'-0"

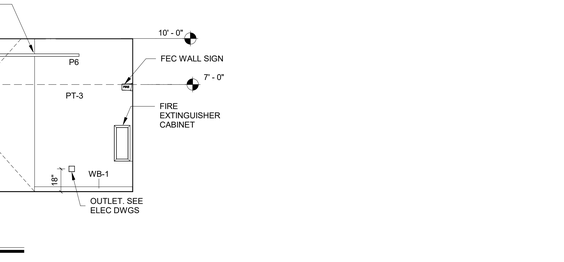


6 SGR 104 B

SCALE: 1/4" = 1'-0"

7 SGR 104 C

SCALE: 1/4" = 1'-0"



8 SGR 104 D

SCALE: 1/4" = 1'-0"

9 SGR 106 A

SCALE: 1/4" = 1'-0"

10 SGR 106 B

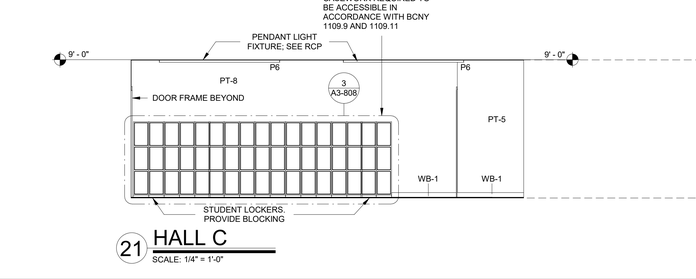
SCALE: 1/4" = 1'-0"

11 SGR 106 C

SCALE: 1/4" = 1'-0"

12 SGR 106 D

SCALE: 1/4" = 1'-0"



13 5th LEARNING STUDIO 31 A

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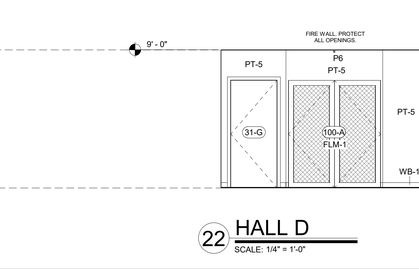

14 5th LEARNING STUDIO 31 B

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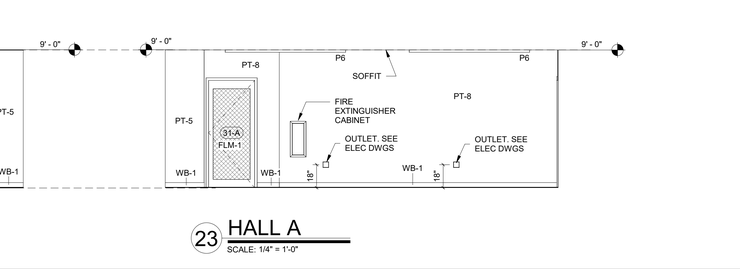

15 5th LEARNING STUDIO 31 C

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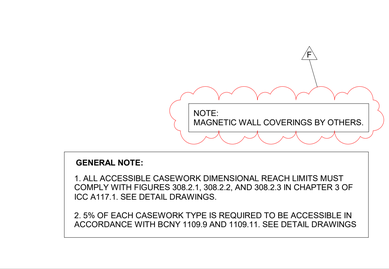

16 5th LEARNING STUDIO 31 D

SCALE: 1/4" = 1'-0"

17 ACTIVE COMMONS 100 A

SCALE: 1/4" = 1'-0"

18 ACTIVE COMMONS 100 B

SCALE: 1/4" = 1'-0"

19 ACTIVE COMMONS 100 C

SCALE: 1/4" = 1'-0"

20 ACTIVE COMMONS 100 D

SCALE: 1/4" = 1'-0"

21 HALL C

SCALE: 1/4" = 1'-0"

22 HALL D

SCALE: 1/4" = 1'-0"

23 HALL A

SCALE: 1/4" = 1'-0"

GENERAL NOTE:

1. ALL ACCESSIBLE CASEWORK DIMENSIONAL REACH LIMITS MUST COMPLY WITH FIGURES 308.2.1, 308.2.2, AND 308.2.3 IN CHAPTER 3 OF ICC A117.1. SEE DETAIL DRAWINGS.

2. 5% OF EACH CASEWORK TYPE IS REQUIRED TO BE ACCESSIBLE IN ACCORDANCE WITH BCNY 1109.9 AND 1109.11. SEE DETAIL DRAWINGS

Revision Schedule

No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	Additions - SED Addendum #1	4/12/2021
10	Addition Pre-Bidding - Rev C	Date 30
D	ADDITIONS: ISSUED FOR BID	8/10/2021
E	Phase 3: BID ADDENDUM #1	8/16/2021
F	Phase 3: BID ADDENDUM #2	Date 43

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327 F Boston Post Road
Sudbury, MA 01776-3027
978-443-7871

SED#: 6618-0001-0001-024

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

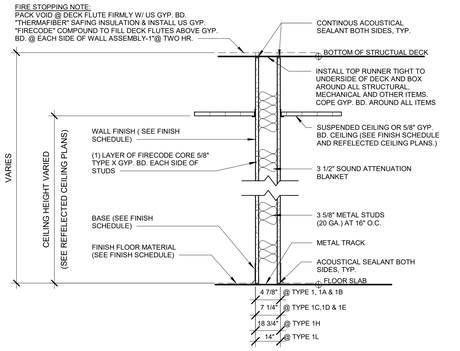
10 Osborn Road, Rye NY 10580

INTERIOR ELEVATIONS - ADDITION

Approver

SEAL & SIGNATURE

DATE: 04/10/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-211



ONE HOUR RATED PARTITION

1 3 5/8" METAL STUDS AT 16" O.C. GYPSUM BOARD TYPE "X" EACH SIDE
(1 HOUR RATED - UL DESIGN # U419) WITH 49 STC RATING

1A SIMILAR TO 1 WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON TOILET SIDE
(1 HOUR RATED - UL DESIGN # U433)

1B SIMILAR TO 1 WITH 5/8" CEMENT BOARD EACH SIDE
(1 HOUR RATED - UL DESIGN # U433)

1C 6" METAL STUDS AT 16" O.C. GYPSUM BOARD EACH SIDE
(1 HOUR RATED - UL DESIGN # U419) WITH 56 STC RATING

1D SIMILAR TO 1C WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON TOILET SIDE
(1 HOUR RATED - UL DESIGN # U433)

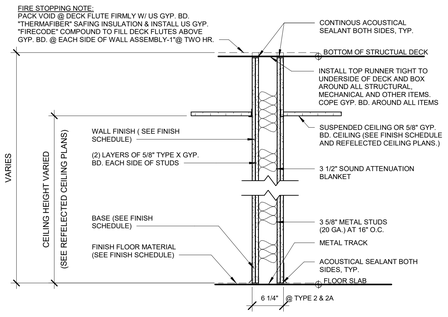
1E SIMILAR TO 1C WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON EACH SIDE
(1 HOUR RATED - UL DESIGN # U433)

1F SIMILAR TO 1 WITH 5/8" GYPSUM BOARD ON ONE SIDE

1G SIMILAR TO 1 WITH 2 LAYERS TYPE "X" GYP. BD. EACH SIDE
(UL DESIGN # U419) WITH 52 STC RATING

1H 3 5/8" METAL STUDS AT 16" O.C. GYPSUM BOARD TYPE "X" EACH SIDE
(UL DESIGN # U419) WITH 49 STC RATING

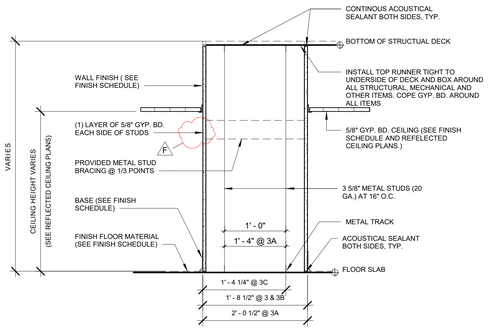
1L 3 5/8" METAL STUDS AT 16" O.C. GYPSUM BOARD TYPE "X" EACH SIDE
(UL DESIGN # U419) WITH 49 STC RATING



TWO HOUR RATED PARTITION

2 2 HR. RATED - 3 5/8" METAL STUDS AT 16" O.C.2 LAYERS TYPE "X" GYP. BD. EACH SIDE
(UL DESIGN # U411)

2A SIMILAR TO 2A WITH 1 LAYER OF TYPE "X" GYP. BD. AND ONE LAYER OF 5/8" CEMENT BOARD IN LIEU OF 2 LAYERS OF GYP. BD. ON TOILET SIDE.
(UL DESIGN # U411)



PLUMBING CHASE PARTITION

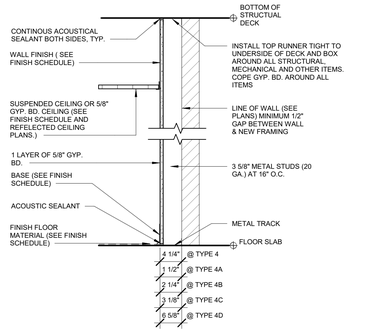
3 3 5/8" METAL STUDS AT 16" O.C. WITH 5/8" CEMENT BOARD EACH SIDE

3A 3 5/8" METAL STUDS AT 16" O.C. WITH 5/8" CEMENT BOARD EACH SIDE

3B SIMILAR TO 3 WITH 5/8 GYPSUM BOARD EACH SIDE

3C SIMILAR TO 3 WITH 5/8 CEMENT BOARD ON TOILET SIDE, CHASE AGAINST EXISTING WALL

3D SIMILAR TO 3 WITH (1) LAYER 5/8 GYPSUM BOARD EACH SIDE AND MINERAL WOOL BATT INSULATION



WALL FURRING

4 3 5/8" METAL STUDS AT 16" O.C.

4A 7/8" METAL HAT CHANNELS AT 16" O.C.

4B 1 5/8" METAL STUDS AT 16" O.C.

4C 2 1/2" METAL STUDS AT 16" O.C.

4D 6" METAL STUDS AT 16" O.C.

4E SIMILAR TO TYPE 4 WITH MINERAL WOOL BATT INSUL IN WALL CAVITY

SHAFT WALL PARTITION

5 2-HR. RATED SHAFT WALL: 2 1/2" CH STUDS AT 16" O.C. 2 LAYERS TYPE X GYPSUM BOARD AND 1" GYP LINER PANELS
(UL DESIGN # U438)

5A NON-RATED SHAFT WALL: SIMILAR TO 5 WITH 1 LAYER 5/8" GYPSUM BOARD

5B 1HR SHAFT WALL: SIMILAR TO 5 WITH 1 LAYER 5/8" GYPSUM BOARD

NOTE:
2 HR RATED SHAFTS REQUIRED
FOR BUILDINGS OVER 4 STORIES

NON-RATED PARTITION

6 3 5/8" METAL STUDS AT 16" O.C. GYPSUM BOARD EACH SIDE

6A SIMILAR TO 6 WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON TOILET SIDE

6B SIMILAR TO 6 WITH 5/8" CEMENT BOARD EACH SIDE

6C 6" METAL STUDS AT 16" O.C. GYPSUM BOARD EACH SIDE

6D SIMILAR TO 6C WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON TOILET SIDE.

6E SIMILAR TO 6C WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON EACH SIDE.

6F SIMILAR TO 6 WITH 5/8" GYPSUM BOARD ONLY ON EXTERIOR SIDE

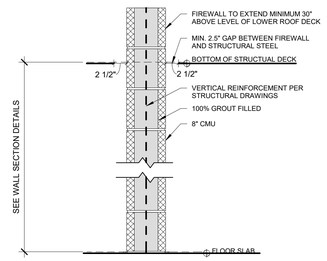
6G SIMILAR TO 6C WITH 5/8" CEMENT ON EITHER SIDE

6H SIMILAR TO 6F WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD.

BULLET RESISTANT PARTITION

7 1 HR. RATED - 3 5/8" METAL STUDS AT 16" O.C 1 LAYERS TYPE "X" GYP. BD. EACH SIDE
(UL DESIGN # 752)

8 1 LAYER 5/8" GYP APPLIED DIRECTLY OVER EXISTING WALL



9 NON-LOADBEARING 2HR CMU FIREWALL

FIRE WALL NOTES:

1. 2HR FIRE WALL TO BE COMPLIANT WITH BCNYS 706.

2. PER BCNYS 703.7, PRIOR TO INSTALLATION OF CEILINGS AND ADDITIONAL NON-RATED PARTITIONS, MARK ALL AREAS OF FIRE WALL THAT WILL BE CONCEALED IN MIN. 3" LETTERING: "FIREWALL. PROTECT ALL OPENINGS."

3. SEE WALL SECTION DETAIL 3/A3-313

4. REFER TO STRUCTURAL DRAWINGS FOR REINFORCING DETAILS.

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SED#: 6618-0001-0001-024

PROJECT

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Osborn Elementary School

10 Osborn Road, Rye NY 10580

WALL TYPES

Approver

SEAL & SIGNATURE

DATE: 07/29/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-300

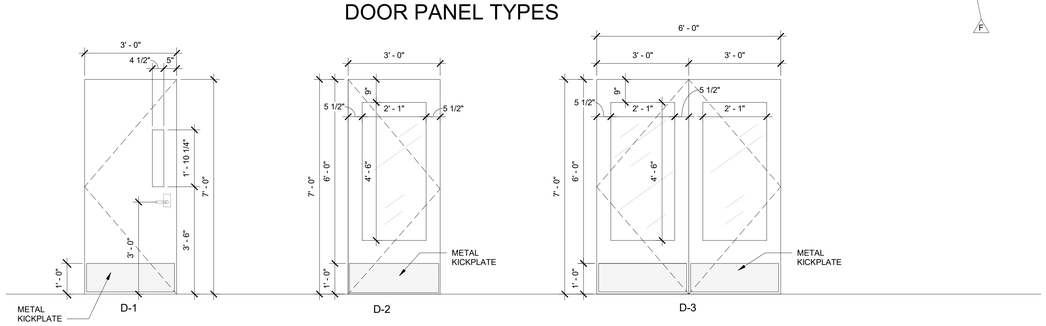
ADDITION - DOOR SCHEDULE

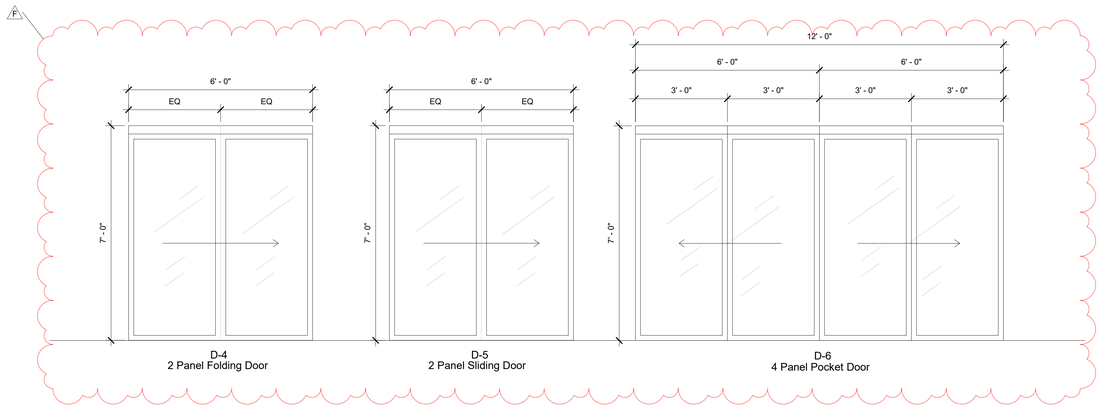
DOOR NUMBER	FROM ROOM	TO ROOM	DOOR MATERIAL	DOOR TYPE	HEIGHT	WIDTH	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAIL	FIRE RATING	HARDWARE GROUP	NOTE
001M	Corridor	100 Active Commons	WOOD, GLASS	D-3	7' - 0"	6' - 0"		F-2	H.M.			45 MIN	02	DOOR TO BE ON AUTOMATIC HOLD-OPEN
31-A	31 Learning Studio	Corridor	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.			45 MIN	08	
31-B	31 Learning Studio	Corridor	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.			45 MIN	08	
31-C	31 Learning Studio	Storage	WOOD	D-10	7' - 0"	1' - 8"		F-7	H.M.				08	
31-G	31S CORRIDOR	31C JANITOR CLOSET	WOOD	D-9	7' - 0"	3' - 0"		F-1	H.M.					
37-A	Corridor	37 A JANITOR CLOSET	WOOD	D-11	6' - 8"	6' - 0"		F-8	H.M.					
100-A	Corridor	100 Active Commons	WOOD, GLASS	D-3	7' - 0"	6' - 0"		F-2	H.M.			90 MIN	02	DOOR TO BE ON AUTOMATIC HOLD-OPEN
100-B	101 Workshop Commons	Exterior	INTRUDER RESISTANT GLASS	D-8	8' - 0"	6' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				10	
101-A	101 Workshop Commons	Exterior	INTRUDER RESISTANT GLASS	D-8	8' - 0"	6' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				10	
102-A	101 Workshop Commons	102 Learning Studio	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
102-B	101 Workshop Commons	102 Learning Studio	ALUM., GLASS	D-4	7' - 0"	6' - 0"		F-4	ALUM				By MFG	CRL MONTEREY S55 SERIES
102-C	102 Learning Studio	103 Learning Studio	ALUM., GLASS	D-6	7' - 0"	12' - 0"		F-6	ALUM				By MFG	
102-D	102 Learning Studio	Exterior	INTRUDER RESISTANT GLASS	D-7	8' - 0"	3' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				08	
103-A	101 Workshop Commons	103 Learning Studio	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
103-B	101 Workshop Commons	103 Learning Studio	ALUM., GLASS	D-4	7' - 0"	6' - 0"		F-4	ALUM				By MFG	CRL MONTEREY S55 SERIES
103-C	103 Learning Studio	Exterior	INTRUDER RESISTANT GLASS	D-7	8' - 0"	3' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				11	
104-A	101 Workshop Commons	104 Small Group Room	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
105-A	101 Workshop Commons	105 Learning Studio	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
105-B	101 Workshop Commons	105 Learning Studio	ALUM., GLASS	D-4	7' - 0"	6' - 0"		F-4	ALUM				By MFG	CRL MONTEREY S55 SERIES
105-C	105 Learning Studio	Exterior	INTRUDER RESISTANT GLASS	D-7	8' - 0"	3' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				11	
106-A	105 Learning Studio	106 Small Group Room	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
106-B	107 Learning Studio	106 Small Group Room	ALUM., GLASS	D-5	7' - 0"	6' - 0"		F-3	ALUM				By MFG	CRL SLIDING DOOR SERIES 2000
107-A	101 Workshop Commons	107 Learning Studio	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-1	H.M.				09	
107-B	107 Learning Studio	Exterior	INTRUDER RESISTANT GLASS	D-7	8' - 0"	3' - 0"		INCLUDED IN EXTERIOR WINDOW FRAME	ALUM				11	
107-C	107 Learning Studio	105 Learning Studio	ALUM., GLASS	D-6	7' - 0"	12' - 0"		F-6	ALUM				By MFG	
107-D	101 Workshop Commons	107 Learning Studio	ALUM., GLASS	D-4	7' - 0"	6' - 0"		F-4	ALUM				By MFG	CRL MONTEREY S55 SERIES
108-A	101 Workshop Commons	108 Conference	WOOD, GLASS	D-2	7' - 0"	3' - 0"		F-5	H.M.				09	
111-A	100 Active Commons	111 WC	WOOD	D-9	7' - 0"	3' - 0"		F-1	H.M.				08	
112-A	100 Active Commons	112 WC	WOOD	D-9	7' - 0"	3' - 0"		F-1	H.M.				08	

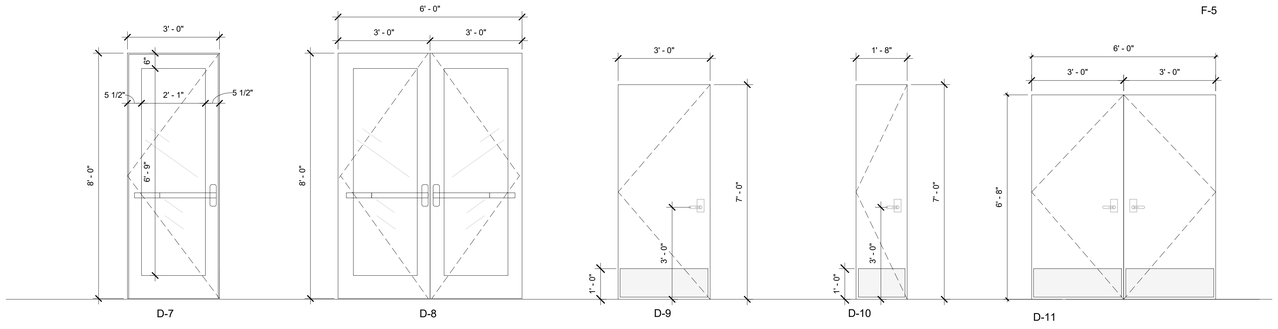
ROLLER SHADE DOOR - ADDITION PHASE 3

DOOR NUMBER	COUNT	OPENING SIZE HxW	MANUFACTURER	FABRIC 1	MODEL	COMMENTS
001M	2	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
31-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
31-B	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
31-C						
31-G						
37-A						
100-A	2	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
100-B	2	INCLUDED IN EXTERIOR WINDOW SCHEDULE				
101-A	2	INCLUDED IN EXTERIOR WINDOW SCHEDULE				
102-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
102-B	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
102-C	1	7' - 0" x 12' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
102-D		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
103-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
103-B	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
103-C		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
104-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
105-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
105-B	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
105-C		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
106-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
106-B	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
107-A	1	4' - 6" x 2' x 1"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
107-B		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
107-C	1	7' - 0" x 12' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
107-D	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
108-A	1	4' - 6" x 2' x 1",7' - 2" x 4' - 6"	Hunter Douglas	Sheer Weave 700 Canyon	RB5000	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
111-A						
112-A						

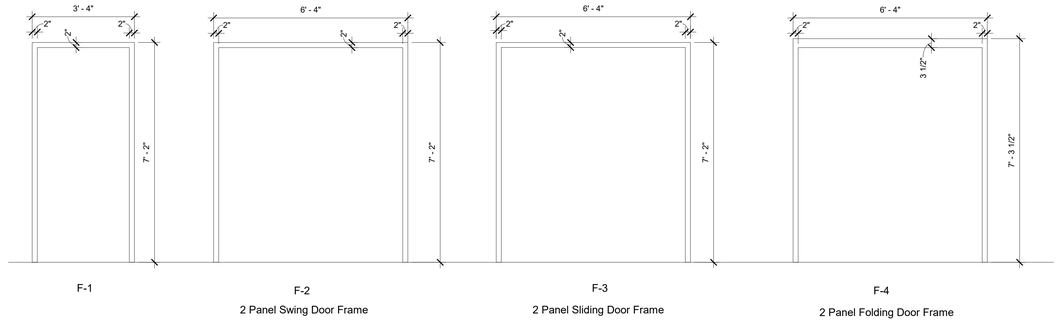
DOOR PANEL TYPES

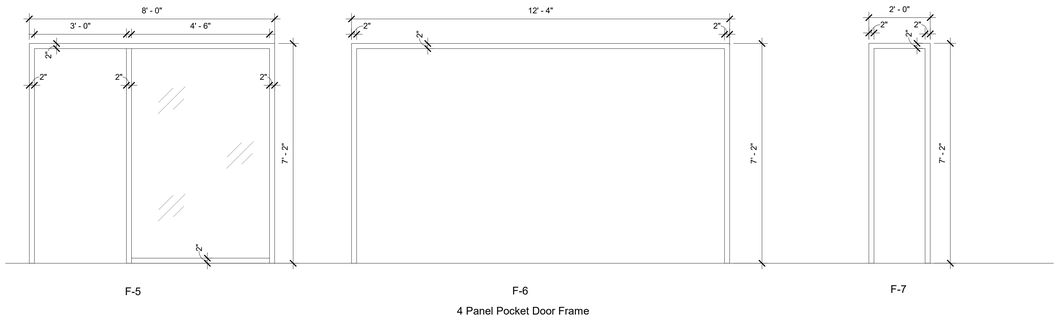


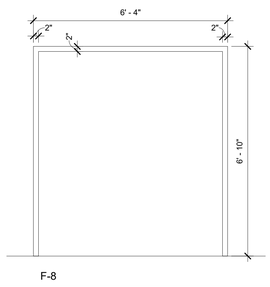




DOOR FRAMES







GENERAL NOTES:

1. FIRE RATINGS OF OPENING PROTECTIVES THROUGH 2HR FIRE WALL AND 1HR FIRE PARTITION CONSTRUCTION TO BE IN CONFORMANCE WITH BCNYS 716.

2. PROVIDE ALL DOORS AND DOOR SIDELIGHTS WITH SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2.

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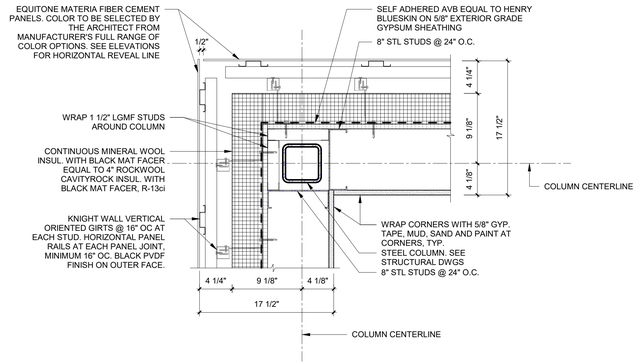
DOOR & FRAME TYPES & SCHEDULE

Approver

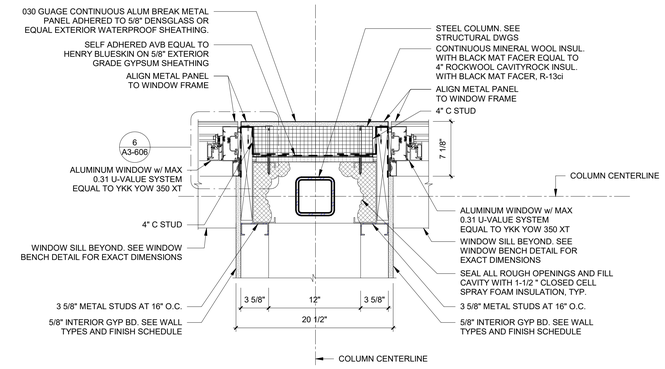
SEAL & SIGNATURE

DATE: 07/27/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-601



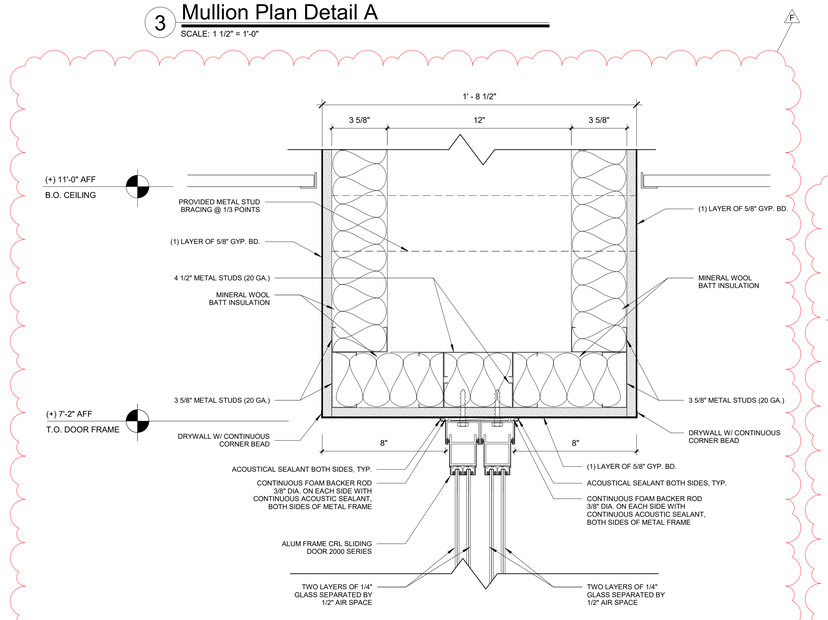
1 Corner Detail A

SCALE: 1 1/2" = 1'-0"



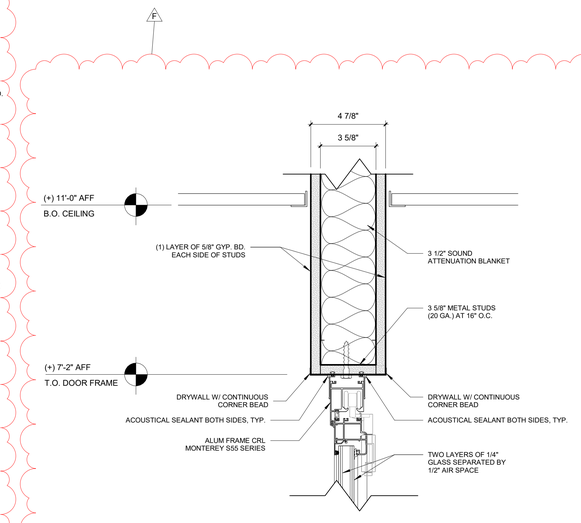
3 Mullion Plan Detail A

SCALE: 1 1/2" = 1'-0"



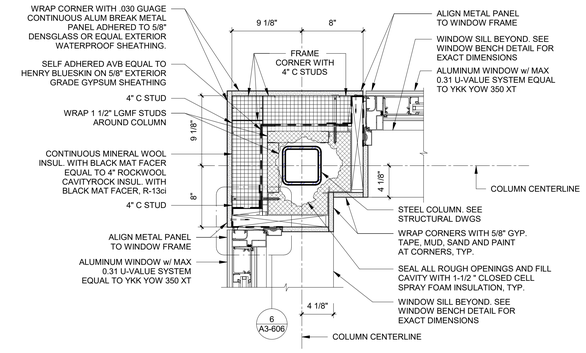
4 DETAIL - SLIDING DOOR HEAD

SCALE: 3" = 1'-0"



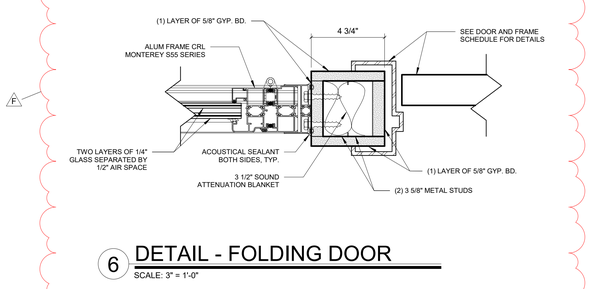
5 DETAIL - FOLDING DOOR HEAD

SCALE: 3" = 1'-0"



2 Corner Detail B

SCALE: 1 1/2" = 1'-0"



6 DETAIL - FOLDING DOOR

SCALE: 3" = 1'-0"

Revision Schedule

No.	Description	Date
D	ADDITIONS: ISSUED FOR BID	8/10/2021
F	Phase 3: BID ADDENDUM #2	Date 43

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SED#: 6618-0001-0001-024

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

10 Osborn Road, Rye NY 10580

EXTERIOR DOOR & WINDOW DETAILS

Approver

SEAL & SIGNATURE

DATE: 07/13/21
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No:
A3-607

FINISH LEGEND

FLOORS

FLOOR TILE

FT - 1 — PRODUCT: FLORIM BASALTINE PORCELAIN TILE
DIMENSIONS: 12" X 12" TILE BY FLORIM
COLOR: LIGHT GREY 1096207 WITH GRIP FINISH

LUXURY VINYL TILE - PLANK FLOORING

LVT - 4 — PRODUCT: SHAW CONTRACT SOLITUDE LVT
DIMENSIONS: 6" x 48"
COLOR: COTTONWOOD

LVT - 5 — PRODUCT: SHAW CONTRACT SOLITUDE LVT
DIMENSIONS: 6" x 48"
COLOR: FRENCH GREY

LVT - 6 — PRODUCT: SHAW CONTRACT COVE LVT 0927V
DIMENSIONS: 9" x 48"
COLOR: WASH

LVT - 7 — PRODUCT: SHAW CONTRACTCOVE LVT 0927V
DIMENSIONS: 9" x 48"
COLOR: GRAZE

LVT - 8 — PRODUCT: SHAW CONTRACT COVE LVT 0927V
DIMENSIONS: 9" x 48"
COLOR: JADE

LVT - 9 — PRODUCT: SHAW CONTRACT COVE LVT 0927V
DIMENSIONS: 9" x 48"
COLOR: SAPPHIRE

WALL BASE

WB-1 — PRODUCT: ROPPE PINNACLE RUBBER BASE
DIMESIONS: 6" HIGH STANDARD NOSE
COLOR: DOLPHIN 129

WALL TILE BASE

WTB -1 — PRODUCT: FLORIM BASALTINE COVE BASE TILE
DIMESIONS: 6" X 12"
COLOR: NUT 1096227

SURFACES

SOLID SURFACE COUNTERTOP

SS - 1 NOT USED

SS - 2 — PRODUCT: CORIAN SOLID SURFACE
COLOR: SILVER BIRCH

CASEWORK FINISHES

PLYFF-1 — PRODUCT: 18mm PRE-FINISHED BALTIC BIRCH PLYWOOD WITH CLEAR, NON-YELLOWING UV FINISH; EXPOSED EDGES, SANDED SMOOTH AND CLEAR FINISHED. PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL. FINISH FOR CUSTOM FURNITURE BY OWNER. LISTED FOR REFERENCE ONLY.

PLYFF-2 — PRODUCT: 18mm PRE-FINISHED BALTIC BIRCH PLYWOOD with WILSONART 1573 MARKERBOARD FROSTY WHITE PLASTIC LAMINATE on TAG SIDE; CLEAR, NON-YELLOWING UV FINISH on OPPOSITE SIDE; EXPOSED EDGES, SANDED SMOOTH AND CLEAR FINISHED. PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL. FINISH FOR CUSTOM FURNITURE BY OWNER. LISTED FOR REFERENCE ONLY.

WALLS

PAINT

PT - 1 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: BEACON GRAY – 2128-60

PT - 2 NOT USED

PT - 3 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: WHITE HERON OC-57

PT - 4 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: BLUE HYDRANGEA 2062-60

PT - 5 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: BLUE DAISY 2062-40

PT - 6 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: POTPOURRI GREEN 2029-50

PT - 7 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: STEM GREEN 2029-40

PT - 8 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: TURQUOISE POWDER 2057-50

WALL TILE

WT -1 — PRODUCT: FLORIM BASALTINE PORCELAIN TILE
DIMENSIONS: 12" X 24" TILE BY FLORIM
COLOR: LIGHT GREY 1096219

GROUT

GT -1 — PRODUCT: SPECTRALOCK PRO
COLOR: RAVEN 45

WALL COVERINGS

WLC-1 — PRODUCT: VISUAL MAGNETICS ASTRO DRY ERASE WALLCOVERING
COLOR: WHITE

WLC-2 — PRODUCT: VISUAL MAGNETICS ASTRO HUE DRY ERASE WALLCOVERING
COLOR: MATCH BEN MOORE 2062-60 BLUE HYDRANGEA

WLC-3 — PRODUCT: VISUAL MAGNETICS ASTRO HUE DRY ERASE WALLCOVERING
COLOR: MATCH BEN MOORE 2029-50 POTPOURRI GREEN

F — NOTE:
PREPARE WALLS FOR MAGNETIC WALL COVERINGS. MAGNETIC WALL COVERINGS BY OWNER.

GLASS FILMS

FLM-1 — PRODUCT: DECORATIVE FILMS SOLYX SX-5037 SAMBE

ADDITION FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	UNDERLAYMENT	BASE FINISH	WALL FINISH A	WALL FINISH B	WALL FINISH C	WALL FINISH D	CEILING FINISH	NOTES
31	5th Grade Classroom	LVT-4	SHAW GROUNDWORKS	WB-1	PT-3	PT-3	PT-3, PT-8, WLC-1, WLC-2	PT-8	CLG-1	
100	ACTIVE COMMONS	LVT-5, LVT-6	SHAW GROUNDWORKS	WB-1	PT-7	PT-8, PT-5	PT-5	PT-5, PT-3	CLG-1, CLG-2	
101	WORKSHOP COMMONS	LVT-5, LVT-7, LVT-8. LVT-9	SHAW GROUNDWORKS	WB-1	PT-3, PT-7	PT-5	PT-3, WLC-2, WLC-3	PT-5	CLG-1, CLG-2	
102	5th GRADE LEARNING STUDIO	LVT-5, LVT-6, LVT-9	SHAW GROUNDWORKS	WB-1	PT-3	PT-3, PT-4, WLC-1	PT-3, PT-4, WLC-3	PT-3,WLC-2	CLG-1	
103	5th GRADE LEARNING STUDIO	LVT-5, LVT-6, LVT-9	SHAW GROUNDWORKS	WB-1	PT-3	PT-3, WLC-2	PT-3, PT-4, WLC-3	PT-3, PT-4, WLC-1	CLG-1	
104	SGR	LVT-6	SHAW GROUNDWORKS	WB-1	PT-8, WLC-1	PT-8	PT-8	PT-8, WLC-1	CLG-1	
105	5th GRADE LEARNING STUDIO	LVT-5, LVT-7, LVT-8	SHAW GROUNDWORKS	WB-1	PT-7, PT-3	PT-3, WLC-3, WLC-2	PT-3, WLC-2	PT-3, PT-7, WLC-1	CLG-1	
106	SGR	LVT-7	SHAW GROUNDWORKS	WB-1	PT-6	PT-6	PT-6	PT-6, WLC-1	CLG-1	
107	5th GRADE LEARNING STUDIO	LVT-5, LVT-7, LVT-8	SHAW GROUNDWORKS	WB-1	PT-3, WLC-3	PT-7, PT-3, WLC-1	PT-3, WLC-2	PT-3, WLC-3	CLG-1	
108	CONFERENCE	LVT-4	SHAW GROUNDWORKS	WB-1	PT-4	PT-4, WLC-1	PT-4	PT-4	CLG-1	
109	WC	FT-1	SHAW GROUNDWORKS	WTB-1	WT-1, PT-3	WT-1, PT-3	WT-1, PT-3	WT-1, PT-3	CLG-1	
110	WC	FT-1	SHAW GROUNDWORKS	WTB-1	WT-1, PT-3	WT-1, PT-3	WT-1, PT-3	WT-1, PT-3	CLG-1	
B-4	HALL	LVT-5	SHAW GROUNDWORKS	WB-1	PT-8	PT-8	PT-8	PT-5	CLG-1	
37 A	JC	FT-1	SHAW GROUNDWORKS	WTB-1	PT-3, WT-1	PT-3, WT-1	PT-3, WT-1	PT-3, WT-1	CLG-2	

NOTES:
1. NEW DOOR TRIM TO BE PT-1, UNLESS OTHERWISE NOTED.

GENERAL NOTE:

SEE INTERIOR ELEVATIONS AND FINISH PLANS FOR FLOORING PATTERN AND CUT LINES OF WALL FINISHES

Revision Schedule

No.	Description	Date
A	SED SUBMISSION	10/23/2020
D	ADDITIONS: ISSUED FOR BID	8/10/2021

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SED#: 6618-0001-0001-024

PROJECT

Rye City Schools
555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School
10 Osborn Road, Rye NY 10580

FINISH SCHEDULES

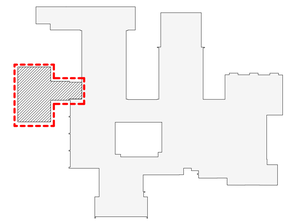
Approver

SEAL & SIGNATURE

DATE: 06/03/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-700

1 Phase 3 - Addition Wall Finish Plan

SCALE: 3/16" = 1'-0"



OSBORN PHASE 3 KEY PLAN

1" = 80'

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
D	ADDITIONS: ISSUED FOR BID	8/10/2021
F	Phase 3: BID ADDENDUM #2	Date 43

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SED#: 6618-0001-0001-024

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

10 Osborn Road, Rye NY 10580

ADDITION - WALL FINISH PLAN

Approver

SEAL & SIGNATURE

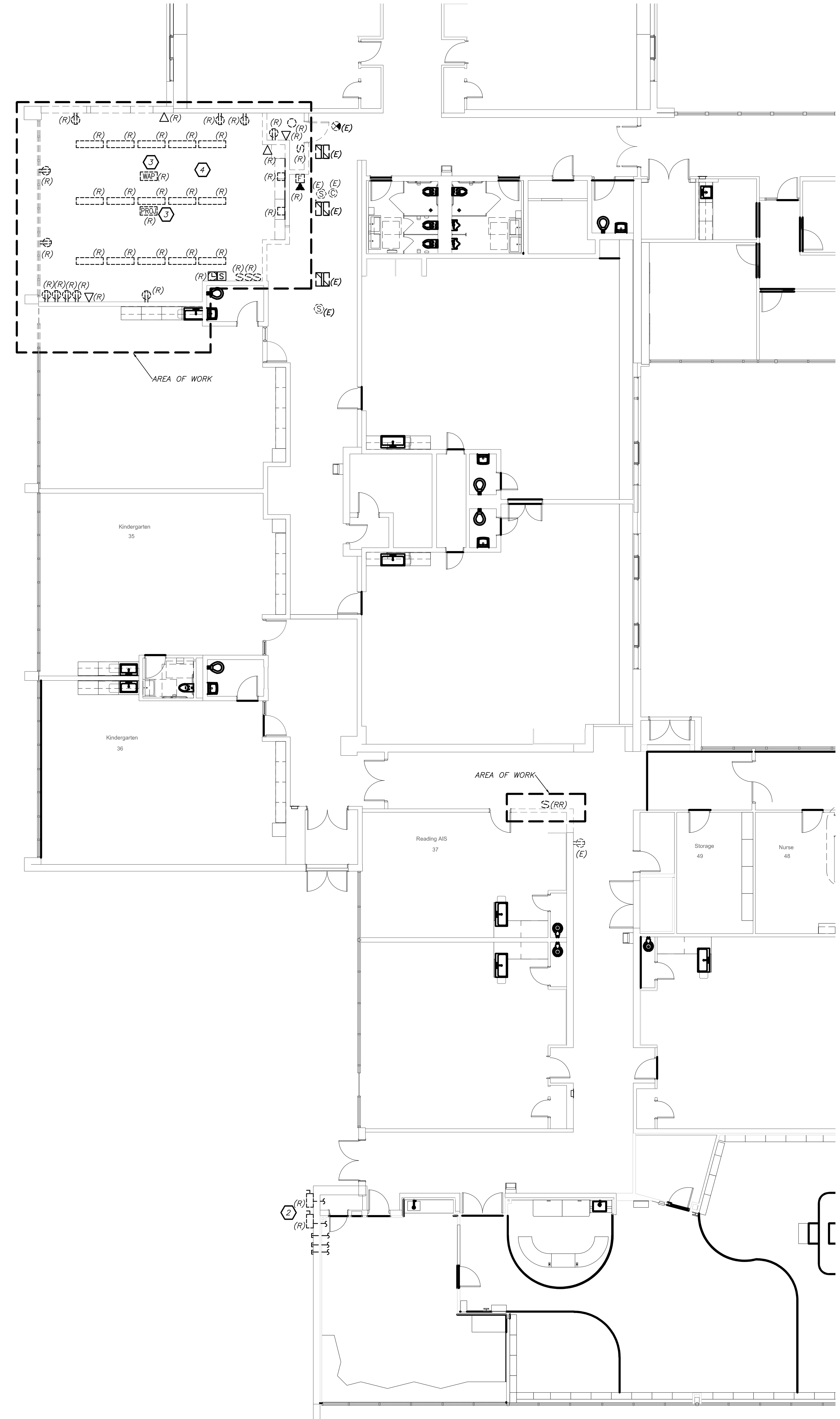
DATE: 04/29/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No:
A3-721

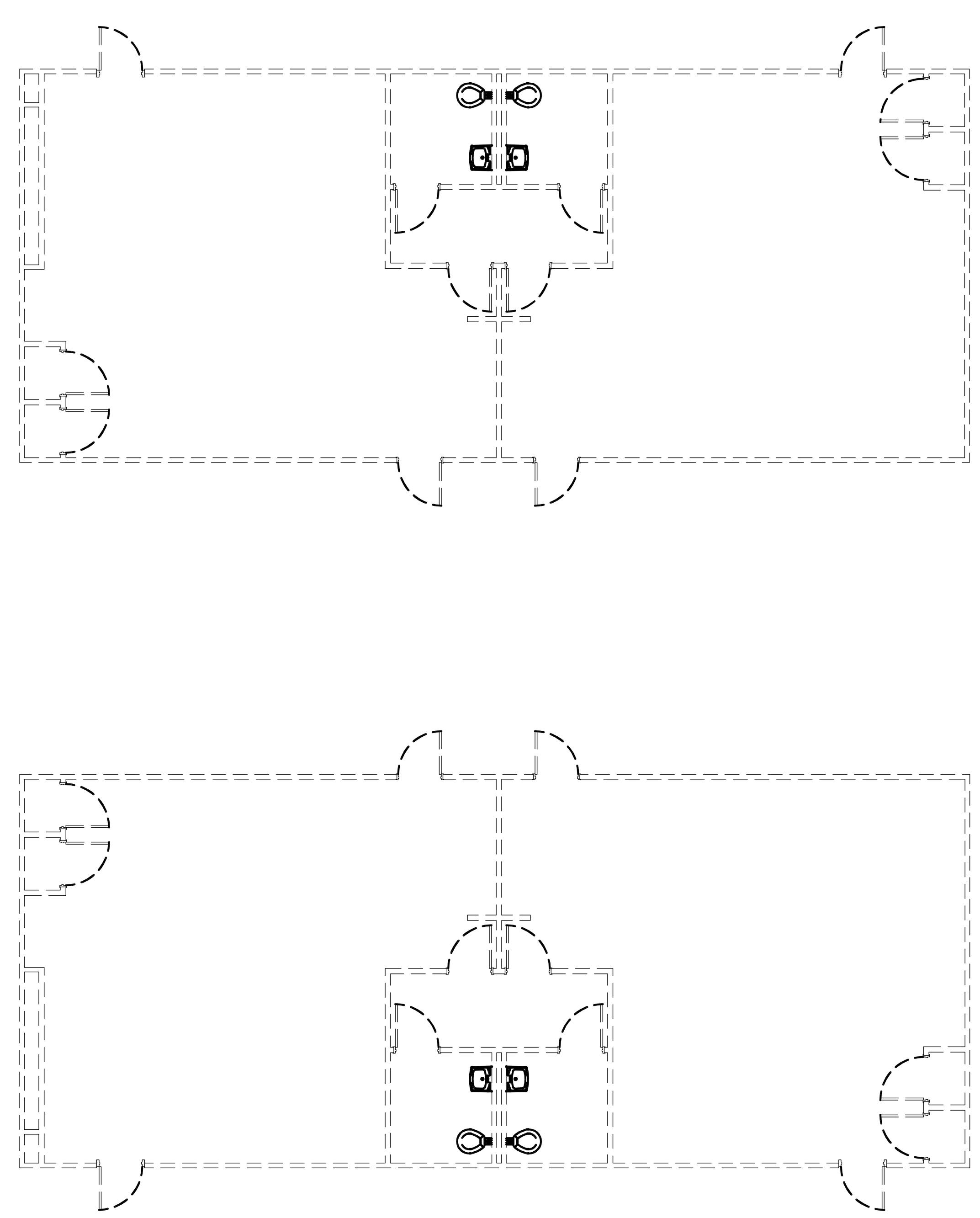
GENERAL NOTES:

1. COORDINATE WITH ARCHITECTURAL DEMOLITION PLANS BEFORE START OF ANY WORK.
2. REMOVE ALL EXISTING LIGHTING, RECEPTACLES, DISCONNECT SWITCHES, JUNCTION BOXES, BRANCH WIRING, CONDUITS ETC IN ITS ENTIRETY BACK TO SOURCE.
3. E.C TO REMOVE POWER CONNECTIONS TO THE (2) EJECTOR PUMPS INCLUDING CONDUIT AND WIRING IN ITS ENTIRETY BACK TO ITS SOURCE.

REMOVAL NOTES:

1. E.C TO REMOVE POWER CONNECTIONS TO THE (2) EJECTOR PUMPS INCLUDING DISCONNECT SWITCHES, CONDUIT AND WIRING IN ITS ENTIRETY BACK TO ITS SOURCE.
2. DISCONNECT AND REMOVE (2) DISCONNECT SWITCHES FEEDING THE MODULAR CLASS ROOM AND RETURN TO SCHOOL FOR FUTURE USE. CUT AND CAP BACK TO ABOVE CEILING WITHIN BUILDING, (2) 4" CONDUIT FOR POWER (1) 3/4" CONDUIT FOR FIRE ALARM, (1) 3/4" CONDUIT FOR PUBLIC ADDRESS, AND (1) 3/4" CONDUIT FOR TELEPHONE. ALL POWER WIRING SHALL BE REMOVED BACK TO SOURCE. PROVIDE TAG INDICATING FORMERLY USED FOR MODULAR BUILDING.
3. THE CONTRACTOR SHALL REMOVE PROJECTOR AND SMART BOARD, THE EXISTING ADAPTER CLIP, MOUNTING BRACKET AND WAP'S AND RETURN TO OWNER IN A NEAT ORGANIZED MANNER. THIS INCLUDES ALL EQUIPMENT TO BE BUBBLE WRAPPED TO PROTECTED.
4. EC TO REMOVE EXISTING LIGHTING, POWER OUTLETS, JUNCTION BOXES, BRANCH WIRING IN THIS ROOM. ANY BRANCH WIRING THAT SHARES THE CIRCUITS WITH ADJACENT ROOMS, BATHROOM AND CORRIDOR SHALL BE RE-ROUTED IN THE CEILING TO KEEP THE CIRCUIT LIVE.
5. REMOVE AND RELOCATED LIGHT SWITCH TO NEW LOCATION SHOWN ON E3-201. EXTEND ALL CONDUIT AND WIRING AS REQUIRED AND NECESSARY TO NEW LOCATION SHOWN ON E3-201. PROVIDE JUNCTION BOX, SPLICE BOX, TERMINAL BOX, ETC TO HAVE A COMPLETE OPERATION DEVICE/EQUIPMENT.





LIBRARY ADDITION REMOVAL PLAN (1 / E3-101)
(REMOVAL)
1/8 inch=1 foot

Revision Schedule

No.	Description	Date
A	SED Submission	10/23/2020
B	ISSUED FOR BID	07/23/2021
C	ADDENDUM #1	08/16/2021
D	ADDENDUM #2	08/20/2021

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978-443-7871

SED#: 6618-0001-0001-023

PROJECT
Rye City Schools
555 Theodore Fremd Ave, Suite B-101
Osborn Elementary School
10 Osborn Road, Rye NY 10580

ELECTRICAL REMOVAL PLAN

SEAL & SIGNATURE
DATE: 02/12/20
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E3-101

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

C ADDENDUM #1 08/16/2021
D ADDENDUM #2 08/20/2021

DBE: TAB: Layout1 — \\dbe\documents\RYE CITY SD\Rye CSD — 2019 Bond — Phase 2A Osborn Addition (2030.00)\Drawings\Electrical\203000E2A-101-OES.dwg — DATE: Aug 18, 2021 — 10:17am

SECTION 08 35 13

INTERIOR GLASS WALL/DOOR SYSTEM

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 DESCRIPTION OF WORK

A. The work of this section includes, but is not limited to, the following:

1. Aluminum framed sliding/folding glass wall systems, including frame, threshold, door panels, sliding/folding/swing and locking hardware, weather stripping, glass and glazing; with sizes and configurations as shown on drawings.

1.3 RELATED WORK

A. Examine Contract Documents for requirements that affect work of this Section. Other Specification Sections that relate directly to work of this Section include, but are not limited to:

1. Section 05 50 00 - Metal Fabrications
2. Section 08 71 00 - Door Hardware: Hardware items other than specified in this section
3. Section 08 81 00 - Glazing: Glass and glazing accessories

1.4 SUBMITTALS

A. Product Data: Manufacturer's literature including independently tested data listing performance criteria and Owner's Manual with installation instructions.

B. Shop Drawings: Indicate dimensioning, direction of swing, configuration, swing panels, typical head jamb, side jambs and sill details, type of glazing material, and handle height.

C. Hardware Schedule: Complete itemization of each item of hardware to be provided for each panel, cross-referenced to panel identification numbers in Contract Documents.

D. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing aluminum framed bi-folding glass wall systems with a minimum three years of documented experience. Single source manufacturer..

B. Installer Qualifications: Installer experienced in the installation of manufacturer's products or other similar products for large openings. Installer to provide reference list of at least 3 projects of similar scale and complexity successfully completed in the last 3 years.

C. Performance Requirements: Provide from manufacturer that has independently tested typical units.

1.6 WARRANTY

A. Provide manufacturer's warranty against defects in materials and workmanship. Warranty Period: Three years from date of substantial completion.

1.7 DELIVERY, STORAGE AND HANDLING

A. Deliver materials and products in unopened factory labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from damage. Sequence deliveries to avoid delays, but minimize on-site storage.

1.8 COORDINATION

A. Conference: Convene a pre-installation conference to establish procedures to coordinate this work with related and adjacent work.

B. Coordination: Furnish inserts and anchors which must be built into other work. Work closely with installers of finish materials, so that doors are aligned and installed flush with adjacent finishes.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis of design: Design is based on products manufactured by U.S. Aluminum, a C.R. Laurence Company (CRL).
   1. Bi-folding stacking operable wall: The Monterey S55 Series
   2. Bi-parting sliding pocket door/operable wall: Series 2000
   3. Fixed lite glazing panels: Series 487-AR

2.2 MATERIALS AND PRODUCTS

A. Frame and Panels: From manufacturer's standard profiles, provide head track, side jambs, and panels with dimensions shown on drawings.
   1. Provide panels with: Standard one lite as shown on drawings].
   2. Provide standard bottom rail.
   3. Aluminum Extrusion: Extrusions with nominal thickness of .078" minimum. Anodized

conforming to AAMA 611 or powder coated conforming to AAMA 2604.

4. Aluminum Finish: satin clear anodized.

B. Glass:

1. All glass to comply with safety glazing requirements of ANSI Z97.1 and CPSC 16CFR 1201. Provide manufacturer's standard glass with dry glazing with glass stops on the inside only: **Sealed double glazed with 1/4 inch (6 mm) clear monolithic tempered lites each side of 1/2 inch air space.**

C. Locking Hardware and Handles:

1. Manufacturer's standard three point lock with lever handles on the inside and outside with keyed cylinder outside and thumb turn inside.]

D. Sliding/Folding Hardware: Provide manufacturer's standard combination sliding and folding hardware with top and bottom tracks and threshold.

E. Adjustment: Provide system capable of adjustments without removing panels from tracks.

F. Other Components:

1. Weather stripping: Provide manufacturer's standard non-broken EPDM seals between panels, and between panel and frame.

2.3 FABRICATION

A. Use extruded aluminum frame and panel profiles with hinges, sliding, and folding hardware, locking hardware and handles, glass and glazing and weather stripping as specified herein to make a folding glass wall. Factory pre-assemble as is standard for manufacturer and ship with all components and installation instructions.

B. Sizes and Configurations: See drawings for selected custom dimensions. See drawings for selected number of panels and configuration. Provide each assembly manufactured as a complete unit, ready for installation with all necessary parts.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Strictly comply with manufacturer's instructions and recommendations, except where more restrictive requirements are specified in this section. Beginning work means Installer accepts substrates and conditions.

B. Coordinate installation with related and adjacent work. Set frames accurately into position and securely fasten truly plumb and level and in proper alignment with adjacent finishes. Set doors so that frames are in full contact with surrounding construction on entire perimeter.

C. Attach to structure to permit sufficient adjustment to accommodate construction tolerances

and other irregularities.

D. Provide alignment attachments and shims to permanently fasten system to building structure.

E. Align assembly plumb and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.
   1. Maximum Variation from Plumb: 0.06 inches every 3 ft (1.5 mm/m) non-cumulative or 1/16 inches per 10 ft (1.5 mm/3 m), whichever is less.
   2. Maximum Misalignment of Two Adjoining Members Abutting in Plane: 1/32 inch (0.8 mm).

F. Install glass and infill panels in accordance with Section 08 8100, using glazing method required to achieve performance criteria.

G. Install perimeter sealant in accordance with Section 07 92 00.

3.2 ADJUSTING, CLEANING, & PROTECTION

A. Adjust operating parts to work easily, smoothly, and correctly.

B. Touch-up damaged coatings and finishes to eliminate evidence of repair.

C. Repair minor damage to eliminate all evidence of repair. Remove and replace work which cannot be satisfactorily repaired.

D. Clean exposed surfaces using materials and methods recommended by manufacturer of material or product being cleaned. Remove and replace work that cannot be successfully cleaned.

END OF SECTION

SECTION 08 81 00

GLASS AND GLAZING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Provide glazing materials and installation components and accessories where scheduled, as shown on the drawings and specified in this section.

1.3 PERFORMANCE REQUIREMENTS

A. General: Provide glazing systems capable of withstanding normal, and specified movement and impact loads (where applicable) without failure, including loss or glass breakage attributable to the following: defective manufacture, and/or product imperfections, fabrication, and installation; failure of sealants or gaskets; and other defects in construction.

B. Work shall conform to the most current edition of following standards and codes. Where contradictory requirements are found between standards and/or codes and/or this specification, the more stringent requirement shall govern unless otherwise stated by the Architect.
   1. New York State Building Code
   2. ANSI Z97.1 American Nation Standard for Safety Glazing Materials Used in Buildings
   3. GANA Glass Association of North America Glazing Manual

C. Glass Thickness: Select minimum glass thickness to comply with ASTM E 1300.

D. Minimum thickness of glass lites, whether annealed or heat treated, are to be selected so that the worst case probability of failure does not exceed the percentages listed in the State Building Code.

1.4 SUBMITTALS

A. Product Data: For each glass product and glazing material indicated.

B. Product Certificates: Signed by manufacturers of glass and glazing products certifying that products furnished comply with requirements.

1.5 QUALITY ASSURANCE

A. Source Limitations for Clear Glass: Obtain clear float glass from one primary-glass manufacturer.

   1. Fabricator to have minimum 5 years experience.

B. Source Limitations for Laminated Glass: Obtain laminated-glass units from one manufacturer using the same type of glass lites and interlayers for each type of unit indicated.

C. Source Limitations for Glazing Accessories: Obtain glazing accessories from one source for each product and installation method indicated.

D. Shooter/Attack Glass: Where indicated provide certified Shooter/Attack Glass with UL verified testing following National Safety Security Protection Association protocols.

E. Safety Glass: Category II materials complying with testing requirements in 16 CFR 1201 and ANSI Z97.1.

F. Provide safety glass where required to satisfy structural requirements, resist human impact loads and as otherwise required by Codes and Standards. Glass panels subject to human impact loads include glass in doors, fixed panels in windows and doors that may be mistaken for means of egress or ingress, where lowest point of panel is less than 18” above finished floor and minimum panel dimension is larger than 18”.

G. Glazing Publications: Comply with published recommendations of glass product manufacturers and organizations below, unless more stringent requirements are indicated. Refer to these publications for glazing terms not otherwise defined in this Section or in referenced standards.
   1. GANA Publications: GANA'S "Glazing Manual" and "Laminated Glass Design Guide."
   2. SIGMA Publications: SIGMA TM-3000, "Vertical Glazing Guidelines

1.6 DELIVERY, STORAGE, AND HANDLING

A. Protect glazing materials according to manufacturer's written instructions and as needed to prevent damage to glass and glazing materials from condensation, temperature changes, direct exposure to sun, or other causes.

1.7 PROJECT CONDITIONS

A. Environmental Limitations: Do not proceed with glazing when ambient and substrate temperature conditions are outside limits permitted by glazing material manufacturers.

1.8 WARRANTY

A. General Warranty: Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

B. Manufacturer's Special Warranty on Laminated Glass: Written warranty, made out to Owner and signed by laminated-glass manufacturer agreeing to furnish replacements for laminated-glass units that deteriorate as defined in "Definitions" Article, delivered to a secure location on site, within specified warranty period indicated below.

   1. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 GLAZING SYSTEMS, GENERAL

A. Unless specific products are designated as proprietary, it is intended that each type of glazing system be selected by the fabricator for the individual systems for doors.

2.2 PRIMARY FLOAT GLASS

A. Low Iron Float Glass: Starphire Ultra Clear or equal, ASTM C 1036, Type I (ultra clear transparent glass, flat), Quality q3 (glazing select); Class 1.

2.3 HEAT STRENGTHENED, AND FULLY TEMPERED GLASS

A. General: Glass which has been heat treated horizontally; maintain roller marks running horizontally in the final installation whenever possible. For glass which has been heat treated vertically¸ locate tong marks along an edge, oriented in the same direction which will be concealed in the glazing system.

1. Overall Bold and warp tolerances: Heat treated glass shall be examined by the glass manufacturer to detect and discard any lites which exceed 50% maximum bow in any direction, as listed ASTM C1048 Tables.
2. Roll ripple tolerances: Where heat treatment process results in essentially parallel ripples of waves, the deviation from flatness at any peak shall not exceed 0.005 inches.
3. Quench marks to shall be consistently oriented horizontally.
4. Incorporate the heat soak process to control nickel sulfide inclusions and reduce risk of spontaneous breakage of installed glass. Heat soaking shall be performed per EN 14179-1:2005– European Heat Soaking Standard.
5. Comply with ASTM C 1048; Type I (transparent glass, flat); Quality q3 (glazing select); class, kind, and condition as indicated in schedules at the end of Part 3.

2.4 LAMINATED GLASS

A. Laminated Glass: Comply with ASTM C 1172 for kinds of laminated glass indicated and other requirements specified.

B. Interlayer: Interlayer material as indicated below, clear or in colors, and of thickness indicated with a proven record of no tendency to bubble, discolor, or lose physical and mechanical properties after laminating glass lites and installation.

1. Interlayer Material: Polyvinyl butyral sheets.
2. Laminate material at edges, not to be exposed to UV light or deterioration
3. Laminate lites with polyvinyl butyral interlayer in autoclave with heat plus pressure.

C. Safety glass shall have permanent marking sandblasted or ceramic frit logo.

2.5 SHOOTER/ATTACK GLASS

A. Provide Armoured One Shooter Attack Glass or approved equal consisting of three lites of glass with security interlayers and surface security film. Provide 5/8" and 1" thick products with ratings indicated on Drawings.

B. Provide manufacturer's recommended glazing adhesives to achieve indicated ratings.

2.6 GLASS SCHEDULE

A. General: the following descriptions include minimum thicknesses and strengths of glass required and interspace gas. Where thicker or stronger glass, or argon gas fill is required to meet the performance criteria herein, including acoustic performance, wind loads and thermal stress it shall be provided by the contractor at no additional cost. “Types” indicated below refer to acoustic performance requirements.

B. Safety Glass: The glass types in this schedule shall be modified to include Fully Tempered (FT) safety glass where indicated and at doors and locations where edge of glass is within 18” of surface used by pedestrians.

C. Glass Types:
1. 3/8" LAMINATED SAFETY GLASS
    a. Inner Lite: 3/16” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    b. PVB innerlayer
    c. Outer Lite: 1/8” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
2. 5/8" (45 Minute Fire Rated) SHOOTER ATTACK GLASS
    a. Inner Lite: 1/8” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    b. Fire rated ballistic PVB innerlayer
    c. Center Lite: 5/16” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    d. Fire rated ballistic PVB innerlayer
    e. Outer Lite: 1/8” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    f. Outer surface ballistic security film.
3. 1" (90 Minute Fire Rated) SHOOTER ATTACK GLASS
    a. Inner Lite: 1/4” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    b. Fire rated ballistic PVB innerlayer
    c. Center Lite: 7/16” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    d. Fire rated ballistic PVB innerlayer
    e. Outer Lite: 1/4” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    f. Outer surface ballistic security film.
4. Double-Glazed Sputter-Coated Insulating Glass Units: ASTM E 2190.
    a. Outboard Lite: Sputter-coated clear float glass.
        1) Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
        2) Vacuum Deposition Sputtered Coating: ASTM C 1376.

3) Coating on Surface No. 2: SunGuard SuperNeutral 68 (SN 68).
4) Glass Thickness: 6 mm (1/4 inch).
5) Heat Treatment: None

b. Air Space: 12 mm (1/2 inch) wide, hermetically sealed, dehydrated air space.

c. Inboard Lite: Guardian Clear float glass.
1) Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
2) Glass Thickness: 6 mm (1/4 inch).
3) Heat-Treatment: Tempered; ASTM C 1048, Kind FT; CPSC 16CFR-1201;
4) ANSI Z 97.1.

d. Glass Unit Performance Characteristics:
1) Visible Light Transmittance: 68 percent
2) Visible Light Reflectance Outdoors: 11 percent
3) Direct Solar Energy Transmittance: 33 percent
4) Direct Solar Energy Reflectance Outdoors: 33 percent
5) Winter U-Value Nighttime: 0.29
6) Summer U-Value Daytime: 0.28
7) Solar Heat Gain Coefficient: 0.38
8) Summer Relative Heat Gain: 90

e. Edge Seals: ASTM E 2188, with aluminum spacers, dual-sealed with a primary seal of polyisobutylene and a secondary seal of silicone sealant for glass to spacer seals.

5. Double-Glazed Interior Glass Units: ASTM E 2190.

a. Outboard Lite: Clear float glass.
1) Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
2) Glass Thickness: 6 mm (1/4 inch).
3) Heat-Treatment: Tempered; ASTM C 1048, Kind FT; CPSC 16CFR-1201;
4) ANSI Z 97.1.

b. Air Space: 12 mm (1/2 inch) wide, hermetically sealed, dehydrated air space.

c. Inboard Lite: Clear float glass.
1) Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
2) Glass Thickness: 6 mm (1/4 inch).
3) Heat-Treatment: Tempered; ASTM C 1048, Kind FT; CPSC 16CFR-1201;
4) ANSI Z 97.1.

d. Edge Seals: ASTM E 2188, with aluminum spacers, dual-sealed with a primary seal of polyisobutylene and a secondary seal of silicone sealant for glass to spacer seals.

2.7 GLAZING SEALANT

A. Medium-Modulus Neutral-Curing Silicone Glazing Sealant: Provide products complying with the following:

1. Products: Provide the following, or equal as approved by the architect:
a. Dow 795 Dow Corning.
b. GE Silpruf SCS2000
c. Pecora 895 NST
2. Type and Grade: S (single component) and NS (nonsag).
3. Class: 25.
4. Use Related to Exposure: NT (nontraffic).

5. Uses Related to Glazing Substrates: M, G, A, and, as applicable to glazing substrates indicated, O.
    a. Use O Glazing Substrates: Coated glass, color anodic aluminum, aluminum coated with a high-performance coating.
6. Applications: General glazing applications, particularly those for large lights and similar applications where additional movement capability is required.

B. For Shooter Attack Glass Applications, provide glass manufacturer's propritery formulation to maintain required ratings.

2.8 GLAZING TAPES

A. Back-Bedding Mastic Glazing Tape: Preformed, butyl-based, (silicone sealant at all butyl tape exposed to UV light) elastomeric tape with a solids content of 100 percent; non-staining and non-migrating in contact with nonporous surfaces; with or without spacer rod as recommended in writing by tape and glass manufacturers for application indicated; packaged on rolls with a release paper backing; and complying with ASTM C 1281 and AAMA 800 for products indicated below:

1. AAMA 804.3 tape, where interior use where indicated.
2. AAMA 806.3 tape, for general glazing applications, all exterior and applications in which tape is subject to continuous pressure.
3. Alternate: Silicone tape.

2.9 MISCELLANEOUS GLAZING MATERIALS

A. General: Provide products of material, size, and shape complying with referenced glazing standard, requirements of manufacturers of glass and other glazing materials for application indicated, and with a proven record of compatibility with surfaces contacted in installation.

B. Cleaners, Primers, and Sealants: Types recommended by sealant or gasket manufacturer.

C. Setting Blocks: Silicone with a Shore A durometer hardness of 85, plus or minus 5.

D. Spacers: Silicone blocks or continuous extrusions with a Shore A durometer hardness required by glass manufacturer to maintain glass lites in place for installation indicated.

E. Edge Blocks: Silicone material of hardness needed to limit glass lateral movement (side walking), 50+/- Shore Durometer hardness.

2.10 FABRICATION OF GLASS AND OTHER GLAZING PRODUCTS

A. Fabricate glass and other glazing products in sizes required to glaze openings indicated for Project, with edge and face clearances, edge and surface conditions, and bite complying with written instructions of product manufacturer and referenced glazing standard, to comply with system performance requirements.

PART 3 - EXECUTION

3.1 PREPARATION

A. Clean glazing channels and other framing members receiving glass immediately before glazing. Remove coatings not firmly bonded to substrates.

3.2 GLAZING, GENERAL

A. Comply with combined written instructions of manufacturers of glass, sealants, gaskets, and other glazing materials, unless more stringent requirements are indicated, including those in referenced glazing publications.

B. Glazing channel dimensions, as indicated on drawings, provide necessary bite on glass, minimum edge and face clearances, and adequate sealant thickness, with reasonable tolerances. Adjust and correct s required by project conditions during installation.

C. Protect glass edges from damage during handling and installation. Remove damaged glass from Project site and legally dispose of off Project site. Damaged glass is glass with edge damage or other imperfections that, when installed, could weaken glass and impair performance and appearance.

D. Apply cleaners and primers to joint surfaces where required application and for adhesion of sealants, as determined by pre-construction sealant-substrate testing.

E. Install setting blocks in sill rabbets, sized and located to comply with referenced glazing publications, unless otherwise required by glass manufacturer. Set blocks in thin course of compatible sealant suitable for heel bead. Install at 1/4 points unless otherwise instructed by the glass manufacturer.

F. Do not exceed edge pressures stipulated by glass manufacturers for installing glass lites.

G. Stops: Install and secure as indicated, after glazing has been set in frame. Do not exert excess force no glazing and spacers.

3.3 GASKET GLAZING (DRY)

A. Insert soft and hard compression gasket between glass and frame or fixed stop so it is securely in place with joints miter cut and bonded together at corners with joint seals and/or molded, welded corners.

B. Center glass lites in openings on setting blocks and press firmly against soft compression gasket by inserting dense compression gaskets formed and installed to lock in place against faces of removable stops. Start gasket applications at corners and work toward centers of openings. Compress gaskets to produce a weather tight seal without developing bending stresses in glass. Seal gasket joints with sealant recommended by gasket manufacturer. Seal horizontal and vertical metal extrusion to receive gasket at all corners.

C. Install gaskets so they protrude past face of glazing stops.

3.4 SEALANT GLAZING (WET)

A. Install continuous spacers, or spacers combined with cylindrical sealant backing, between glass lites and glazing stops to maintain glass face clearances and to prevent sealant from extruding into glass channel and blocking weep systems until sealants cure. Secure spacers or spacers and backings in place and in position to control depth of installed sealant relative to edge clearance for optimum sealant performance.

B. Force sealants into glazing channels to eliminate voids and to ensure complete wetting or bond of sealant to glass and channel surfaces.

C. Tool exposed surfaces of sealants to provide a substantial wash away from glass.

3.5 PROTECTION AND CLEANING

A. Remove and replace glass that is broken, chipped, cracked, or abraded.

B. Wash glass on both exposed surfaces in each area of Project not more than four days before date scheduled for inspections that establish date of Substantial Completion. Wash glass as recommended by glass manufacturer and GANA guidelines. Do not use razor blades, scrapers or other metal tools to clean glass.

END OF SECTION 08 81 00

SECTION 260825

PUBLIC ADDRESS SYSTEM

PART 1 - GENERAL

Applicable Provisions of the Conditions of the Contract and Division 1 General Requirements govern work in this Section. Submit shop drawings for checking and approval.

1.1 DESCRIPTION OF WORK

A. The Contractor shall furnish all equipment, accessories and material required for the installation of communication devices in strict compliance with these Specifications and applicable Contract Drawings. Any material and/or equipment necessary for the proper operation of the system, which is not specified or described herein, shall be deemed part of this specification.

PART 2 - PRODUCTS

2.1 SPEAKERS

A. Flush Speaker Baffles (ceiling): Ceiling Speakers shall be Rauland USO-188/ACC1000 white semi-gloss enamel steel grille with 8" speaker, 25/70 volt 7 watt transformer and 6 oz. magnet mounted on a # ACC1101 steel protective cover and a ACC1104 tile bridge support.

2.2 CALL-IN SWITCH

A. The room call-in switch shall be Rauland No. 2308PC and shall be flush mounted in standard single-gang outlet box. The faceplate shall be brushed aluminum with beveled edges.

2.3 CLOCK/SPEAKER BAFFLES (room)

A. The room flush mount clock/speaker/ baffle shall be a Lowell BP-300 combination baffle mounted on a flush back box PC-312 with 8” speaker, 25 volt 7 watt transformer, 6 oz. magnet and 9” system secondary clock. Speakers shall be a Rauland USO 188 Speaker/Transformer with 8”, 25/70 volt 7 watt transformer and 6 oz. magnet. Clocks shall be National Time 030-12EX-LL-SP analog synchronous secondary clocks with hourly and daily correction.

2.4 AUDIO/VISUAL POLE MOUNTED AMPLIFIER

A. The product shall be a two channel 1RU half rack power amplifier and provide 70 Watts x 2 into 8 ohms load and 50 Watts x 2 into a 4 ohms load. The unit shall utilize rail tracking Class A/B topology and switch mode power supply technology. The front panel shall have Green signal presence LED’s, and a Red litmus status LED, recessed screwdriver adjustable base and treble tone controls along with master level controls. The front panel shall have mains power switch and power Blue “ON” and Red “Standby” status LED indicator.

B. The rear panel shall have balanced inputs with removable phoenix style connectors and an input impedance of 20K ohms. The unit shall have unbalanced RCA input connectors with input impedance of 10K ohms. Output terminations are made via phoenix style connectors. The unit shall have an audio sense turn-on from standby mode, with threshold adjustments of 1mV to 20mV. The unit shall have accessory AC socket with AC sense to turn on the unit from standby to activate mode with threshold adjustment of 1mV to 350mV. The unit shall draw 16 Watts in standby mode. The unit shall incorporate dip switches to activate a 100Hz High-Pass filter and for paralleling input signals.

C. The unit shall have separate input level trim pots for the RCA inputs to allow mix summing with the balanced inputs. The unit shall have an input sensitivity of 320mV, frequency response of 30Hz -20kHz (+/- 3dB) and an average THD of .02%. The unit includes a mounting pole installation process via a sealed hole incorporated into the chassis design. The amplifier chassis hole accepts a 1.5" mounting tube. The pole clamp system shall be included with the unit. An optional rack mount kit allows single or dual mounting in a 1RU high configuration. The unit shall be 8.5" (216mm) Wide x 1.75" (45mm) Height x 13.5" (343mm) Depth. The unit shall weigh 5.5lbs (2.4Kg). The unit shall be RoHS C\compliant. The unit shall be compliant with IEC/UL60065. The unit shall be the Atlas Sound PA702.

2.5 AUDIO/VISUAL CEILING MOUNTED SPEAKER

A. The loud speaker system shall be Atlas sound FAP40T. System shall include a high performance 4" loudspeaker, ported bass reflex enclosure and press-fit grille for conventional ceiling installation.

B. Frequency response for the system shall be 100Hz-12 kHz (+/-3dB), 80Hz -15kHz (+/-5dB). Sensitivity shall be 87dB average.

C. Loudspeaker shall be comprised of a 4" cone type driver. Cone shall be constructed of polypropylene with a butyl rubber surround. Magnet shall be minimum of 13oz (368.5g) and the voice coil diameter shall be 1" (25mm).

D. Transformer shall be 70.7V / 100V type with a 1, 2 ,4, 8 and 16 Watt primary taps (@70.7V) with a front mounted tap selector switch. This tap selector switch shall also include a transformer bypass setting for instances where 8 ohms FAP40T driver is to be direct coupled with low impedance amplifier

E. Enclosure shall be an injection molded plastic design. Internal volume shall be 85 in^3 (1.4L).

F. To facilitate connection in conduit systems, enclosure shall be equipped with an access panel covering a recessed terminal cup. This cover shall provide a 7/8" (22mm inside diameter) hole for top access.

G. External wiring shall be accomplished via a two pole terminal strip with screw-down terminals to provide secure wire termination.

H. The system shall include a tile bridge assembly to reinforce the ceiling material. The tile bridge shall be designed for use on either 2' x 4' (609mm x 1219mm) or 2' x 2' (609mm x 609mm) suspended ceiling tiles.

I. Overall front face diameter shall not exceed 7-3/8” (187mm); overall height shall not exceed 7-1/8” (181mm).

J. Grilles shall be press-fit, manufactured from 24-gauge perforated steel mesh and finished in white epoxy. Round grille shall be 5-1/2” (140mm) diameter.

K. The loudspeaker shall be the Atlas Sound FAP40T.

END OF SECTION 260825

SECTION 230400

SHEETMETAL WORK AND RELATED ACCESSORIES

PART 1 - GENERAL

Applicable Provisions of the Conditions of the Contract and Division 1 General Requirements shall govern work in this section. Submit shop drawings for checking and approval.

PART 2 - PRODUCTS

2.1 SHEETMETAL DUCTWORK

A. Contractor shall furnish and install all sheetmetal ducts as shown on the Drawings. While the Drawings shall be adhered to as closely as possible, the Engineer reserves the right to vary the run and size to meet the field conditions. Any duct size not shown shall be sized in proportion to the air carried at the same resistance in similar ductwork, or of size as directed.

B. All ductwork shall be constructed of galvanized steel gauges in accordance with the latest edition of the ASHRAE/SMACNA Guide. Bracing angles for ductwork shall be hot dipped galvanized for steel ductwork and appropriate gauge for aluminum ductwork. All ducts 18" and over in width shall be cross broken to prevent flutter.

C. Round ductwork shall be galvanized steel, spiral lock seam construction of gauges in accordance with the latest edition of ASHRAE/SMACNA guide. Fittings shall be constructed in standing seam manner. All seams, joints and collars shall be sealed in accordance with SMACNA guidelines for medium pressure ductwork to minimize noise and streaking. Ductwork and fittings shall be connected with sheetmetal couplings and sealed as to allow no leakage.

D. Ducts shall be braced as follows:
   1. All ducts not exceeding 24" on one side shall be assembled with airtight slip joints.
   2. 25" to 40" larger dimension 1" x 1" x 1/8" angles.
   3. 41" to 60" larger dimension 1-1/2" x 1-1/2" x 1/8" angles.
   4. All bracing angles shall be a minimum of 4' apart along the length of the duct.
   5. Furnish and install all angles and frames for all registers, diffusers, grilles, and louvers.
   6. Support horizontal ducts with hangers spaced not more than 8' apart. Place hangers at all changes in direction. Use strap hangers for cuts up to 30" wide.

E. Comply with all State and Local regulations regarding fire stopping and fireproofing. Provide fusible link fire dampers as required by State, local and Underwriter authorities and where indicated on the Drawings. Each fire damper shall be installed in such a manner as to permit ready access for inspection and maintenance purposes.

F. Provide splitter and butterfly dampers, deflecting vanes for control of air volume and direction and for balancing systems, where indicated, specified, directed and as required for the proper operation of the systems. Dampers shall be of the same material as the duct, at least one gauge heavier that the duct, reinforced where indicating quadrant and locking device for adjusting damper and locking in position.

G. Where ducts fewer than 100 square inches penetrate a rated wall, steel ductwork system of a minimum 0.0127 inch thickness shall be used.

H. All elbows shall have a minimum center line radius of 150% of duct width. If the radius is smaller, turning vanes shall be used: Turning vanes shall be double thickness, fitted into slide strips and screwed or riveted to duct below.

I. Contractor shall furnish and install all access doors in ducts as required. Access doors shall be of the pan type 1" thick and shall be provided with two galvanized hinges and suitable latched. Access doors insulated with same thickness material as duct and shall be double casing construction.

2.2 REGISTERS AND DIFFUSERS

A. Registers and diffusers shall be installed where shown on the Drawings and shall be of the sizes specified and the type indicated on the drawing schedule.

B. All registers and diffusers shall be installed in accordance with manufacturer's recommendations.

C. Registers and diffusers shall be as manufactured by Carnes, Price or Anemostat Co.

PART 3 - EXECUTION

3.1 INSPECTION

A. Inspect equipment space locations before beginning installation. Verify that the space is correct for entry and access. Do not proceed with installation of the equipment until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Comply with manufacturer's instructions and recommendations for installation of equipment, accessories and components.

B. All heating, ventilating and air conditioning equipment shall be carefully designed, constructed and installed so as to prevent any objectionable noise or vibration reaching any part of the building outside of the mechanical equipment room. Care shall also be taken to prevent transmission of noise or odor through ductwork into other spaces. The Contractor shall be required to rectify or replace at his own expense, any equipment not complying with the foregoing requirements.

3.3 CLEANING

A. Clean interior and exterior surfaces promptly after installation of equipment and components. Take care to avoid damage to protective coatings and finishes. Remove excess sealants, lubrication, dirt and other foreign substances.

END OF SECTION 230400

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

312 Midland Avenue, Rye, New York 10580

SED #: 6618-0001-0003-026

UNIFORM SAFETY STANDARDS COMMISIONER'S REGULATIONS 155.5

1. Statement:

   "The occupied portion of any school building shall always comply with the minimum requirements necessary to maintain a certificate of occupancy."

2. Indication that all school areas to be disturbed during renovation or demolition have been or will be tested for lead and asbestos. Note, the project folder should contain a letter regarding the presence of asbestos.
3. Statement:

   "General safety and security standards for construction projects.

   1. All construction materials shall be stored in a safe and secure manner.
   2. Fences around construction supplies or debris shall be maintained.
   3. Gates shall always be locked unless a worker is in attendance to prevent unauthorized entry.
   4. During exterior renovation work, overhead protection shall be provided for any sidewalks or areas immediately beneath the work site or such areas shall be fenced off and provided with warning signs to prevent entry.
   5. Workers shall be required to wear photo-identification badges at all times for identification and security purposes while working at occupied sites."

4. Statement:

   "Separation of construction areas from occupied spaces. Construction areas which are under the control of a contractor and therefore not occupied by district staff or students shall be separated from occupied areas. Provisions shall be made to prevent the passage of dust and contaminants into occupied parts of the building. Periodic inspection and repairs of the containment barriers must be made to prevent exposure to dust or contaminants. Gypsum board must be used in exit ways or other areas that require fire rated separation. Heavy duty plastic sheeting may be used only for a vapor, fine dust or air infiltration barrier, and shall not be used to separate occupied spaces from construction areas.

   1. A specific stairwell and/or elevator should be assigned for construction worker use during work hours. In general, workers may not use corridors, stairs or elevators designated for students or school staff.
   2. Large amounts of debris must be removed by using enclosed chutes or a similar sealed system. There shall be no movement of debris through halls of occupied spaces of the building. No material shall be dropped or thrown outside the walls of the building.
   3. All occupied parts of the building affected by renovation activity shall be cleaned at the close of each workday. School buildings occupied during a construction project shall maintain required health, safety and educational capabilities at all times that classes are in session."
   4. A plan detailing how exiting required by the applicable building code will be maintained.
   5. A plan detailing how adequate ventilation will be maintained during construction.

5. Statement:

   "Construction and maintenance operations shall not produce noise in excess of 60 dba in occupied spaces or shall be scheduled for times when the building or affected building spaces are not occupied or acoustical abatement measures shall be taken."

6. Statement:

   "The contractor shall be responsible for the control of chemical fumes, gases, and other contaminates produced by welding, gasoline or diesel engines, roofing, paving, painting, etc. to ensure they do not enter occupied portions of the building or air intakes."

7. Statement:

   "The contractor shall be responsible to ensure that activities and materials which result in "off-gassing" of volatile organic compounds such as glues, paints, furniture, carpeting, wall covering, drapery, etc. are scheduled, cured or ventilated in accordance with manufacturers recommendations before a space can be occupied."

8. Statement:

   "Large and small asbestos abatement projects as defined by 12NYCRR56 shall not be performed while the building is occupied". Note, It is our interpretation that the term "building", as referenced in this section, means a wing or major section of a building that can be completely isolated from the rest of the building with sealed non combustible construction. The isolated portion of the building must contain exits that do not pass through the occupied portion and ventilation systems must be physically separated and sealed at the isolation barrier.

   Exterior work such as roofing, flashing, siding, or soffit work may be performed on occupied buildings provided proper variances are in place as required, and complete isolation of ventilation systems and at windows is provided. Care must be taken to schedule work so that classes are not disrupted by noise or visual distraction.

9. Surfaces that will be disturbed by reconstruction must have a determination made as to the presence of lead. Projects which disturb surfaces that contain lead shall have in the specifications a plan prepared by a certified Lead Risk Assessor or Supervisor which details provisions for occupant protection, worksite preparation, work methods, cleaning and clearance testing which are in general accordance with the HUD Guidelines.

DRAWINGS INDEX

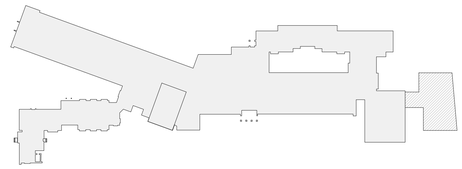
TYPICAL ARCHITECTURAL ABBREVIATIONS

AC	AIR CONDITIONING
AFF	ABOVE FINISH FLOOR
ALUM	ALUMINUM
B/W	BETWEEN
CLG	CEILING
CMT	CERAMIC MOSAIC TILE
CONT	CONTINUOUS
CJ	CONTROL JOINT
DR	DOOR
ELEV	ELEVATION
ETR	EXISTING TO REMAIN
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EQ	EQUAL
EXIST	EXISTING
FIN	FINISH
FACP	FIRE ALARM CONTROL PANEL
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FD	FLOOR DRAIN
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALLBOARD
HC	HANDICAPPED
HM	HOLLOW METAL
HORIZ	HORIZONTAL
ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY
LAV	LAVATORY
MAX	MAXIMUM
MTL	METAL
MIN	MINIMUM
MTD	MOUNTED
N/A	NOT APPLICABLE
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
NIC	NOT IN CONTRACT
OC	ON CENTER
OH	OVERHEAD
PLAM	PLASTIC LAMINATE
PL	PLATE
PREFAB	PREFABRICATED
PT	PRESSURE TREATED
PTD	PAINTED
QTY	QUANTITY
REIN	REINFORCED
SS	STAINLESS STEEL
THK	THICK
THR	THRESHOLD
T&B	TOP AND BOTTOM
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
WC	WATER CLOSET
WD	WOOD
WWF	WELDED WIRE FABRIC
W/	WITH

LEGEND

- **000 / ROOM NAME / SQ. FT** — ROOM TAG
- 000X — DOOR TAG
- 1A — WINDOW TYPE
- 1A — WALL TYPE
- 1A — SPECIALITY EQUIPMENT
- 1 TITLE / 1/8" = 1'-0" — DRAWING TITLE / SCALE OF DRAWING / DETAIL NUMBER
- 00 / 00 A-1.1 00 / 00 — EXTERIOR ELEVATION TAG
- 00 / 00 A-1.1 00 — INTERIOR ELEVATION TAG
- 00 / A-1.1 — CALL OUT SYMBOL
- 00 / A-1.1 — SECTION SYMBOL
- NAME / ELEVATION — LEVEL TAG

LOCATION MAP



MIDLAND KEY PLAN

1" = 100'

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
E	ADDITIONS: ISSUED FOR BID	08/10/2021
F	Addendum 1	8/16/2021
G	Addendum 2	8/23/2021

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978-443-7871

SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

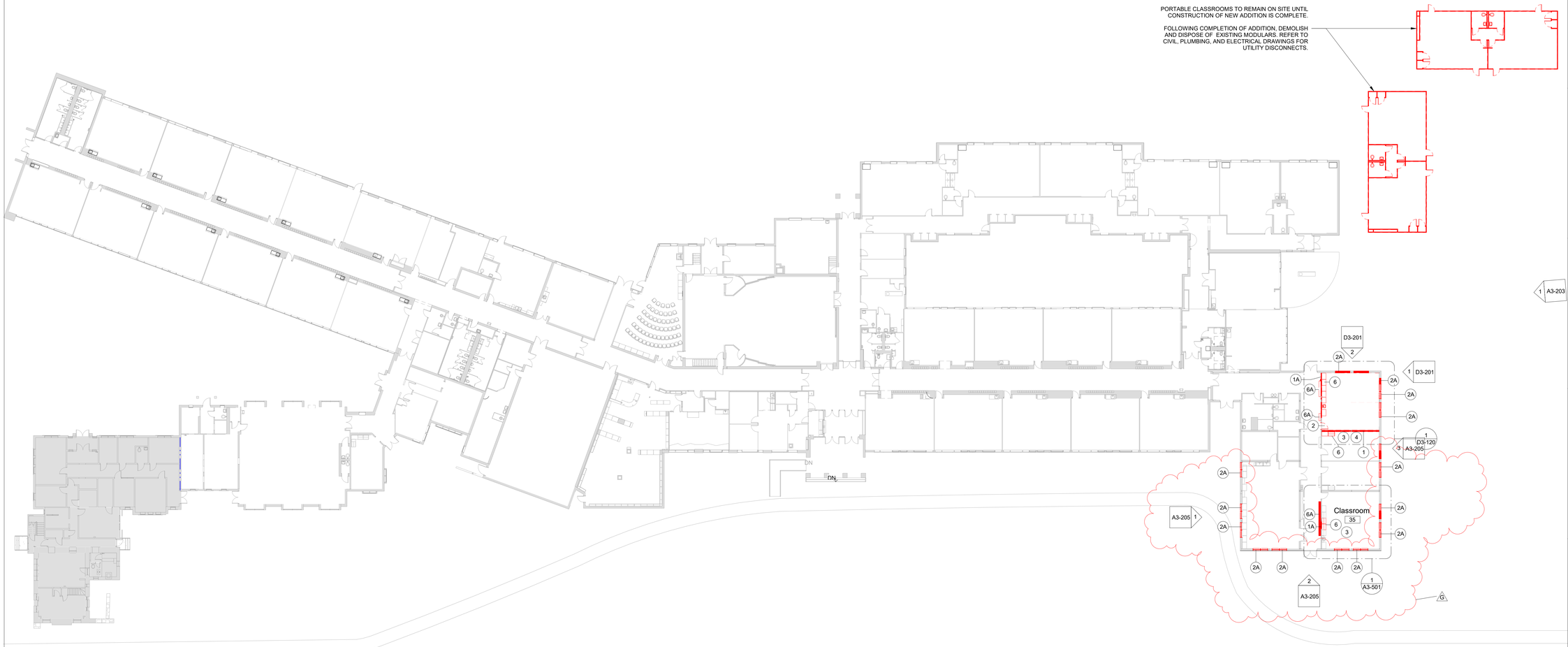
312 Midland Ave, Rye NY 10580

TITLE SHEET - PHASE 3

Approver

SEAL & SIGNATURE

DATE: 10/26/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: T3-001



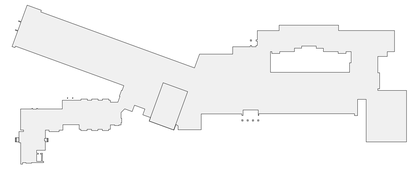
1 First Floor Plan - Demo

SCALE: 1" = 20'-0"

DEMO LEGEND

- DEMO EXISTING WALLS & DOORS
- DEMO EXISTING WALL FINISHES
- AREA NOT IN SCOPE

DEMOLITION KEYNOTE LEGEND PHASE 3	
Key Value	Keynote Text
1	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY.
1A	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A DOOR OPENING. SEE DOOR SCHEDULE.
1B	REMOVE EXISTING GYP. BD./ TILE ON TAG SIDE OF THE WALL. EXISTING STUDS TO REMAIN.
1C	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A WINDOW OPENING. SEE WINDOW TYPES.
2	REMOVE EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE.
2A	REMOVE EXISTING EXTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
2B	REMOVE EXISTING INTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
3	REMOVE EXISTING FLOORING, BASE, ADHESIVE AND ALL APPLIED ACCESSORIES. FLASH PATCH AS REQUIRED TO ACHIEVE SMOOTH AND LEVEL SUBSTRATE PER MANUF. SPEC. FOR NEW FLOORING. PITCH TO NEW FLOOR DRAINS.
4	REMOVE EXISTING GYP. BD. CEILINGS, CEILING GRID, TILES & SOFFITS BELOW STRUCTURAL DECK. REMOVE EXISTING LIGHT FIXTURES AND DEVICES.
5	REMOVE EXISTING PLUMBING FIXTURES, TOILET PARTITIONS & ASSOCIATED PLUMBING AND ACCESSORIES.
6	REMOVE EXISTING MILLWORK COUNTER, CABINETS AND SHELVING.
6A	REMOVE EXISTING LOCKERS AND ASSOCIATED HARDWARE.
7	REMOVE EXISTING MECHANICAL EQUIPMENT.



MIDLAND KEY PLAN

1" = 100'

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
E	ADDITIONS: ISSUED FOR BID	08/10/2021
G	Addendum 2	8/23/2021

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SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

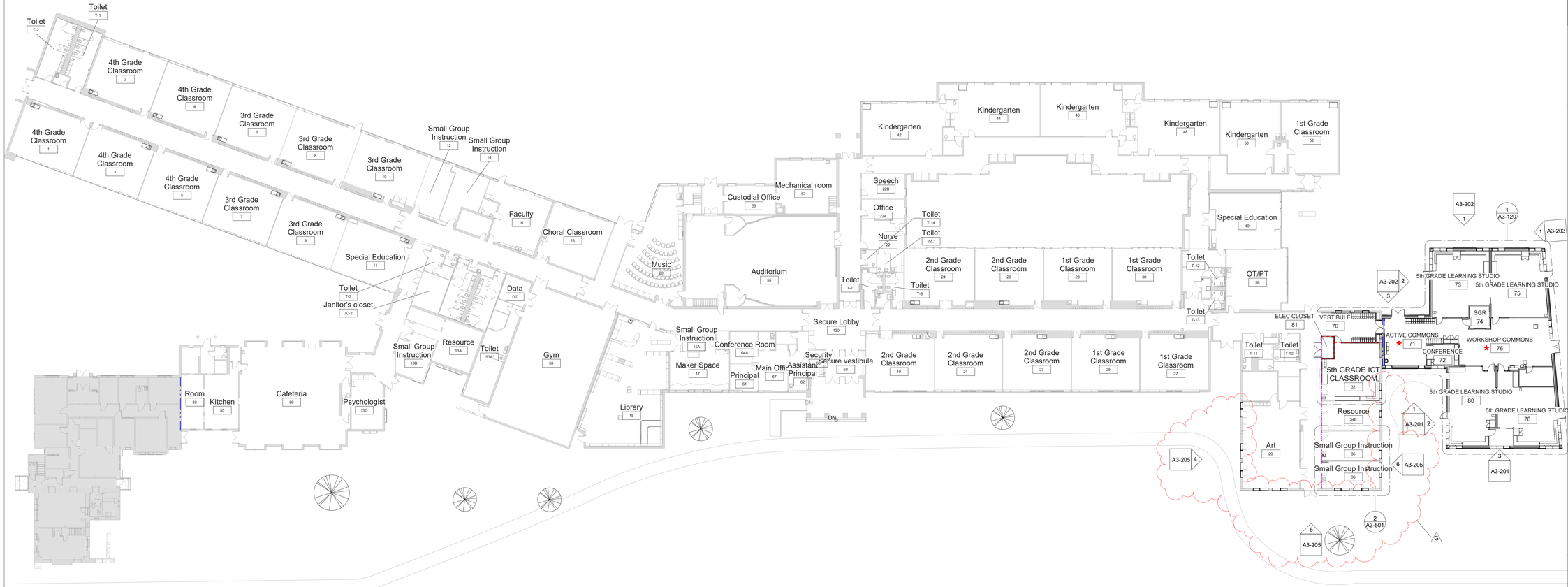
312 Midland Ave, Rye NY 10580

FIRST FLOOR DEMOLITION PLAN

Approver

SEAL & SIGNATURE

DATE: 07/09/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: D3-101



1 First Floor Plan

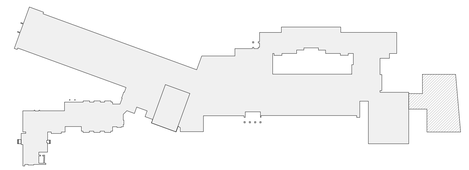
SCALE: 1" = 20'-0"

LEGEND

- NEW 1-HR RATED FIRE PARTITION
- EXISTING 1-HR RATED FIRE PARTITION
- NEW 2-HR RATED FIRE BARRIER
- EXISTING 2-HR RATED FIRE BARRIER
- NEW 2-HR RATED FIRE WALL
- EXISTING 2-HR RATED FIRE WALL

STEAM NOTE

* THE ACTIVE COMMONS AND WORKSHOP COMMONS ARE INTENDED TO BE USED FOR **STEAM** RELATED ACTIVITIES. THE LAYOUT ALLOWS FOR DIRECT ACCESS FROM THE COMMONS SPACES FROM THE 4 ADJACENT NEW CLASSROOMS.



MIDLAND KEY PLAN

1" = 100'

Revision Schedule

No.	Description	Date
A	SED SUBMISSION	10/23/2020
C	ADDITIONS: SED ADDENDUM #2	5/28/21
D	ADDITIONS: SED ADDENDUM #4	6/28/2021
E	ADDITIONS: ISSUED FOR BID	08/10/2021
G	Addendum 2	8/23/2021

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SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

312 Midland Ave, Rye NY 10580

FIRST FLOOR PLAN

Approver

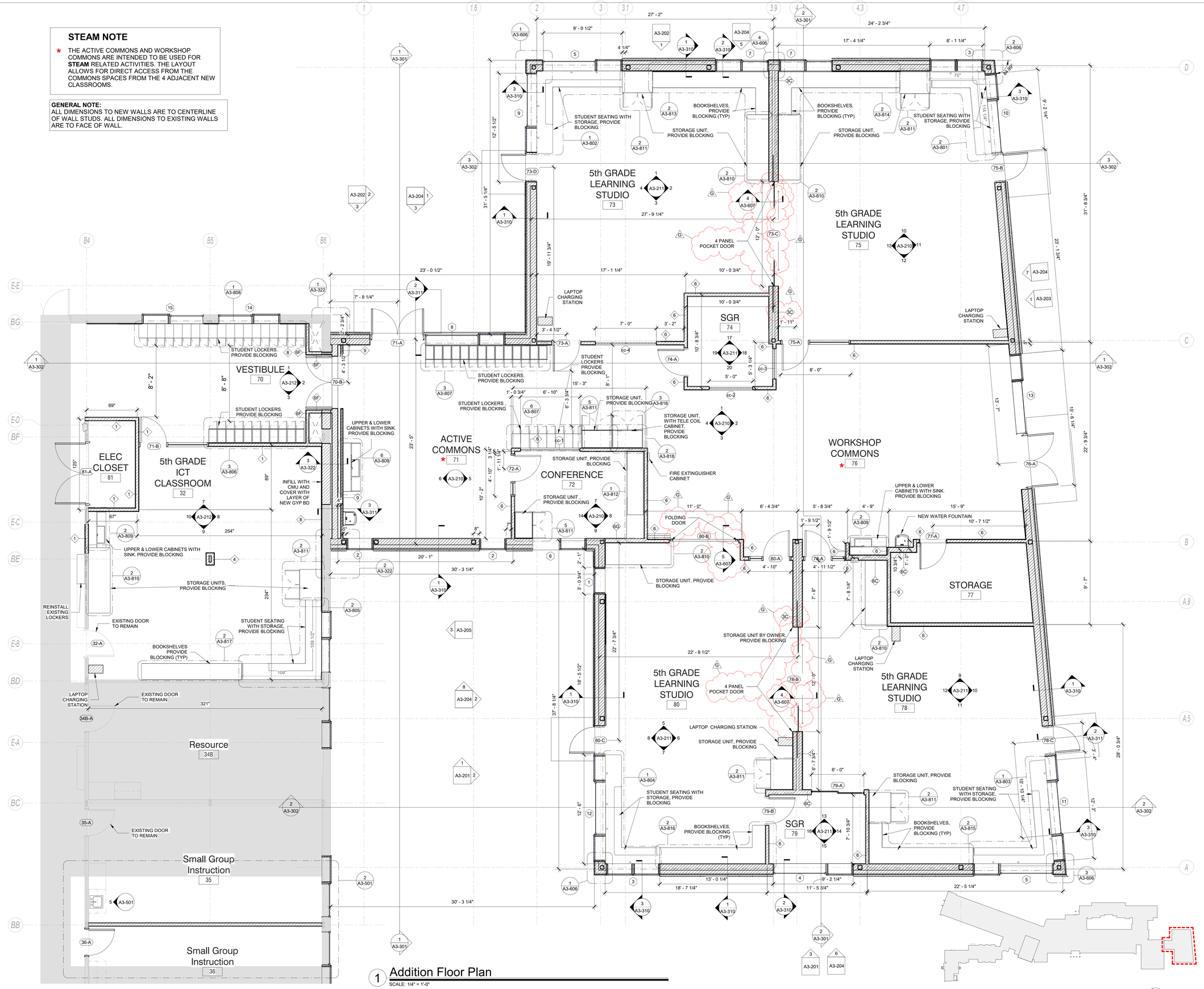
SEAL & SIGNATURE

DATE: 07/14/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-101

STEAM NOTE

* THE ACTIVE COMMONS AND WORKSHOP COMMONS ARE INTENDED TO BE USED FOR **STEAM** RELATED ACTIVITIES. THE LAYOUT ALLOWS FOR DIRECT ACCESS FROM THE COMMONS SPACES FROM THE 4 ADJACENT NEW CLASSROOMS.

GENERAL NOTE:
ALL DIMENSIONS TO NEW WALLS ARE TO CENTERLINE OF WALL STUDS. ALL DIMENSIONS TO EXISTING WALLS ARE TO FACE OF WALL.



1 Addition Floor Plan
SCALE: 1/4" = 1'-0"

MIDLAND KEY PLAN
1" = 100'

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	ADDITIONS: SED Addendum #1	4/26/2021
C	ADDITIONS: SED ADDENDUM #2	5/28/21
D	ADDITIONS: SED ADDENDUM #4	6/28/2021
E	ADDITIONS: ISSUED FOR BID	08/10/2021
F	Addendum 1	8/16/2021
G	Addendum 2	8/23/2021

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SED#: 6618-0001-0003-026

PROJECT
Rye City Schools
555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

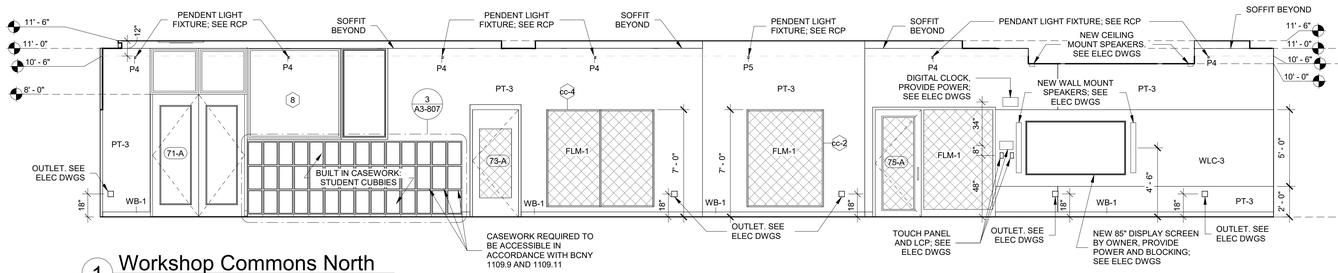
312 Midland Ave, Rye NY 10580

ADDITION FLOOR PLAN

Approver

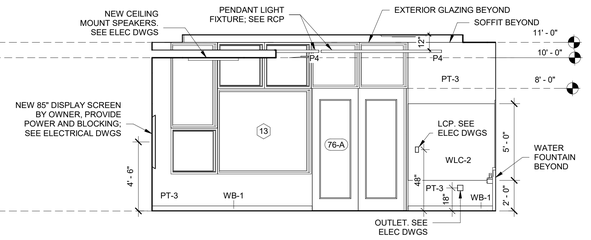
SEAL & SIGNATURE

DATE: 12/12/19
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No:
A3-120



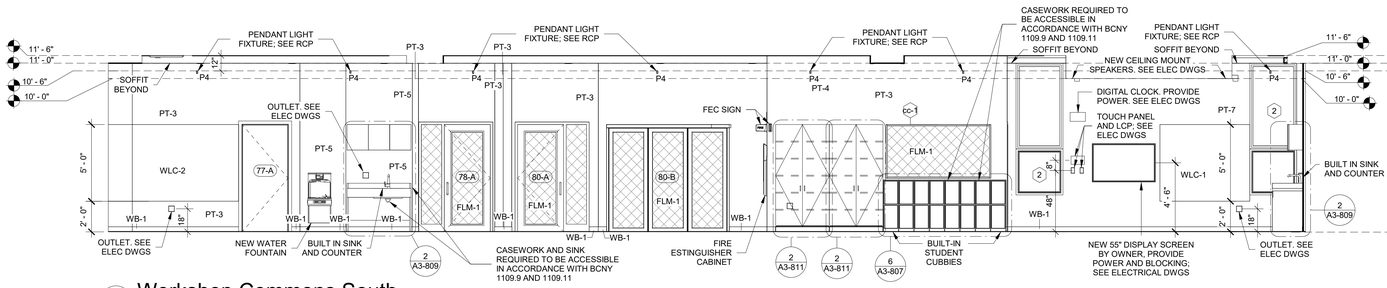
1 Workshop Commons North

SCALE: 1/4" = 1'-0"



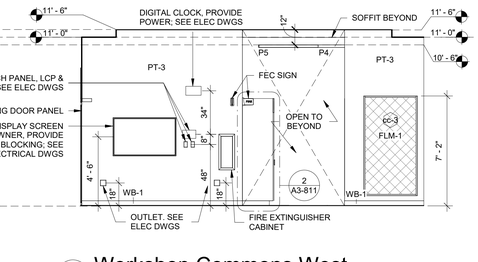
2 Workshop Commons East

SCALE: 1/4" = 1'-0"



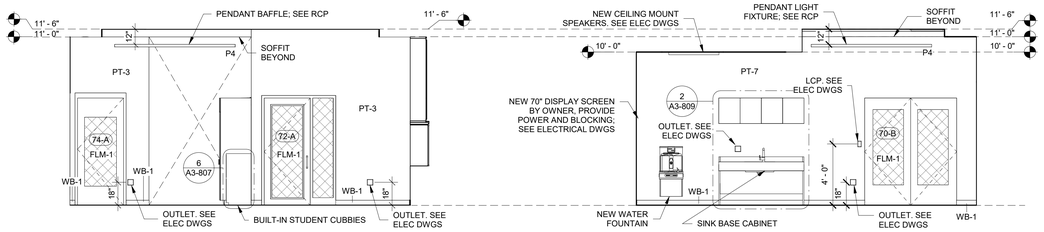
3 Workshop Commons South

SCALE: 1/4" = 1'-0"



4 Workshop Commons West

SCALE: 1/4" = 1'-0"

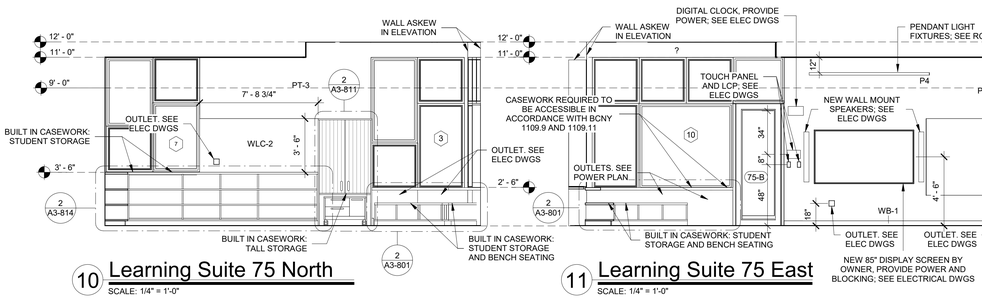


5 Active Commons East

SCALE: 1/4" = 1'-0"

6 Active Commons West

SCALE: 1/4" = 1'-0"



10 Learning Suite 75 North

SCALE: 1/4" = 1'-0"

11 Learning Suite 75 East

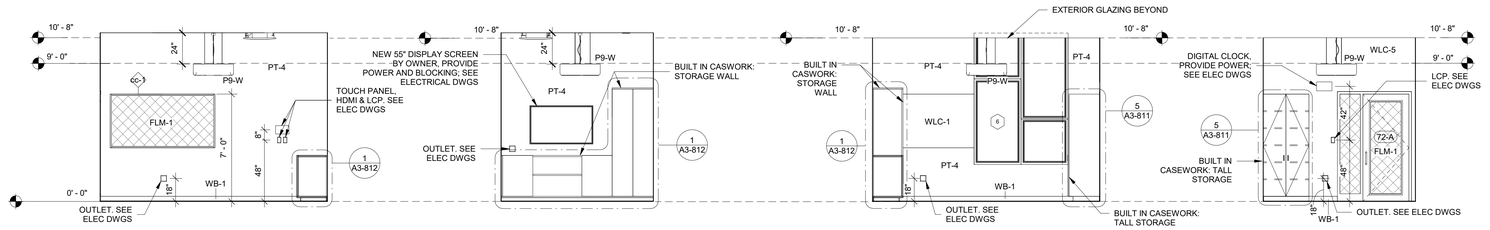
SCALE: 1/4" = 1'-0"

12 Learning Suite 75 South

SCALE: 1/4" = 1'-0"

13 Learning Suite 75 West

SCALE: 1/4" = 1'-0"



7 Conference 72 North

SCALE: 1/4" = 1'-0"

8 Conference 72 East

SCALE: 1/4" = 1'-0"

9 Conference 72 South

SCALE: 1/4" = 1'-0"

14 Conference 72 West

SCALE: 1/4" = 1'-0"

G

NOTE:
MAGNETIC WALL COVERINGS BY OTHERS.

GENERAL NOTE:

1. ALL ACCESSIBLE CASEWORK DIMENSIONAL REACH LIMITS MUST COMPLY WITH FIGURES 308.2.1, 308.2.2, AND 308.2.3 IN CHAPTER 3 OF ICC A117.1. SEE DETAIL DRAWINGS.

2. 5% OF EACH CASEWORK TYPE IS REQUIRED TO BE ACCESSIBLE IN ACCORDANCE WITH BCNY 1109.9 AND 1109.11. SEE DETAIL DRAWINGS

Revision Schedule

No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	ADDITIONS: SED Addendum #1	4/26/2021
E	ADDITIONS: ISSUED FOR BID	08/10/2021
G	Addendum 2	8/23/2021

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SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

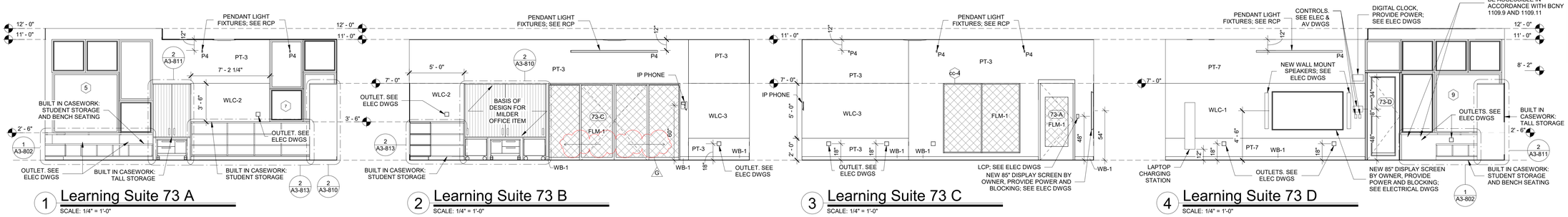
312 Midland Ave, Rye NY 10580

INTERIOR ELEVATIONS - ADDITION

Approver

SEAL & SIGNATURE

DATE: 02/17/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-210

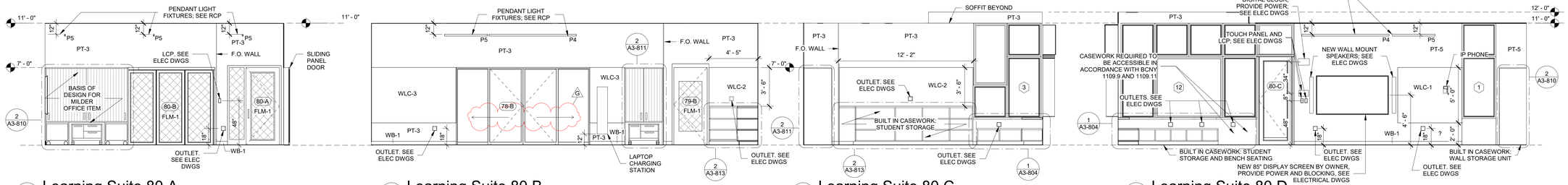


1 Learning Suite 73 A
SCALE: 1/4" = 1'-0"

2 Learning Suite 73 B
SCALE: 1/4" = 1'-0"

3 Learning Suite 73 C
SCALE: 1/4" = 1'-0"

4 Learning Suite 73 D
SCALE: 1/4" = 1'-0"

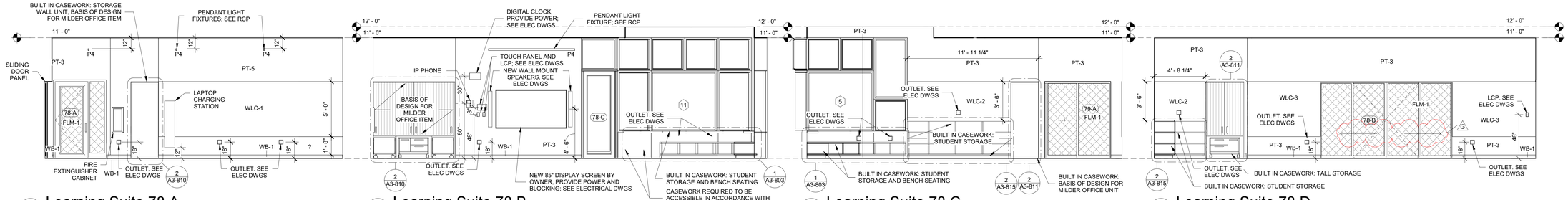


5 Learning Suite 80 A
SCALE: 1/4" = 1'-0"

6 Learning Suite 80 B
SCALE: 1/4" = 1'-0"

7 Learning Suite 80 C
SCALE: 1/4" = 1'-0"

8 Learning Suite 80 D
SCALE: 1/4" = 1'-0"

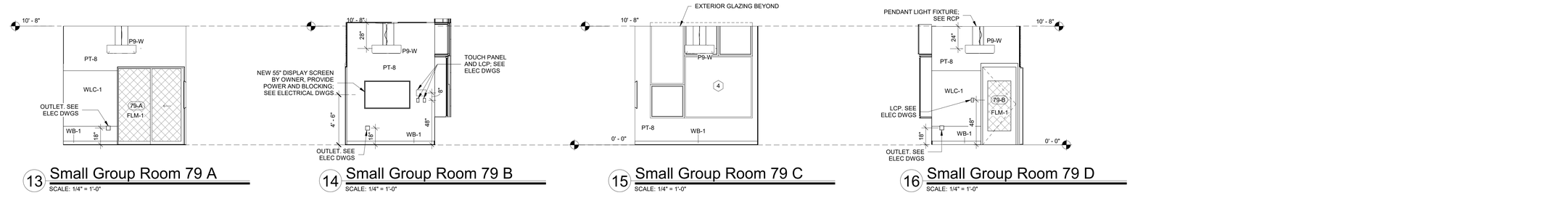


9 Learning Suite 78 A
SCALE: 1/4" = 1'-0"

10 Learning Suite 78 B
SCALE: 1/4" = 1'-0"

11 Learning Suite 78 C
SCALE: 1/4" = 1'-0"

12 Learning Suite 78 D
SCALE: 1/4" = 1'-0"

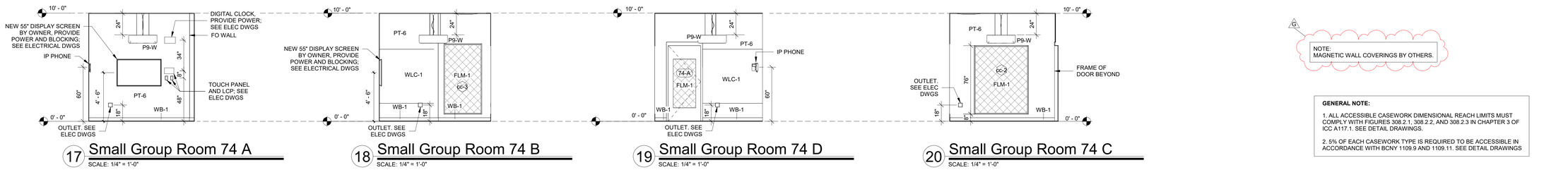


13 Small Group Room 79 A
SCALE: 1/4" = 1'-0"

14 Small Group Room 79 B
SCALE: 1/4" = 1'-0"

15 Small Group Room 79 C
SCALE: 1/4" = 1'-0"

16 Small Group Room 79 D
SCALE: 1/4" = 1'-0"



17 Small Group Room 74 A
SCALE: 1/4" = 1'-0"

18 Small Group Room 74 B
SCALE: 1/4" = 1'-0"

19 Small Group Room 74 D
SCALE: 1/4" = 1'-0"

20 Small Group Room 74 C
SCALE: 1/4" = 1'-0"

G
NOTE:
MAGNETIC WALL COVERINGS BY OTHERS.

GENERAL NOTE:

1. ALL ACCESSIBLE CASEWORK DIMENSIONAL REACH LIMITS MUST COMPLY WITH FIGURES 308.2.1, 308.2.2, AND 308.2.3 IN CHAPTER 3 OF ICC A117.1. SEE DETAIL DRAWINGS.

2. 5% OF EACH CASEWORK TYPE IS REQUIRED TO BE ACCESSIBLE IN ACCORDANCE WITH BCNY 1109.9 AND 1109.11. SEE DETAIL DRAWINGS

Revision Schedule

No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	ADDITIONS: SED Addendum #1	4/26/2021
E	ADDITIONS: ISSUED FOR BID	08/10/2021
G	Addendum 2	8/23/2021

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AV Consultant
CAVANAUGH TOCCI
327 F Boston Post Road
Sudbury, MA 01776-3027
978-443-7871

SED#: 6618-0001-0003-026

PROJECT

Rye City Schools
555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

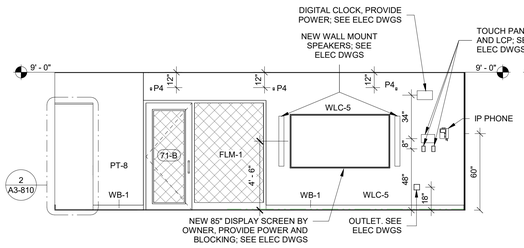
312 Midland Ave, Rye NY 10580

INTERIOR ELEVATIONS - ADDITION

Approver

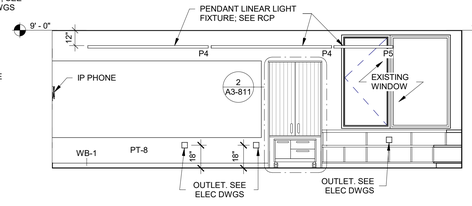
SEAL & SIGNATURE

DATE: 02/22/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-211



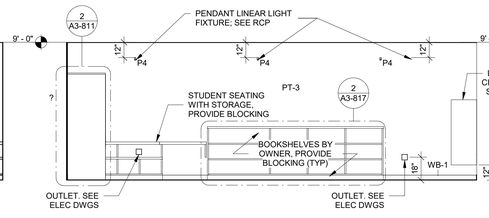
7 5th Grade ICT Classroom A

SCALE: 1/4" = 1'-0"



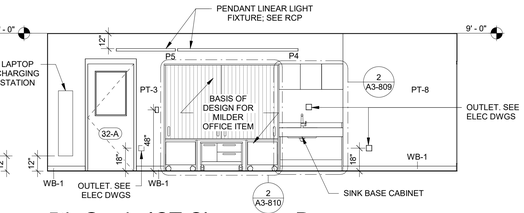
8 5th Grade ICT Classroom B

SCALE: 1/4" = 1'-0"



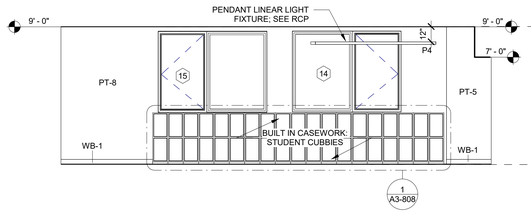
9 5th Grade ICT Classroom C

SCALE: 1/4" = 1'-0"



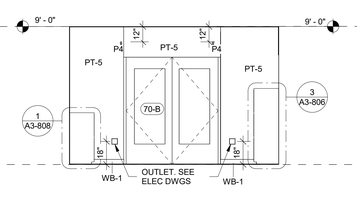
10 5th Grade ICT Classroom D

SCALE: 1/4" = 1'-0"



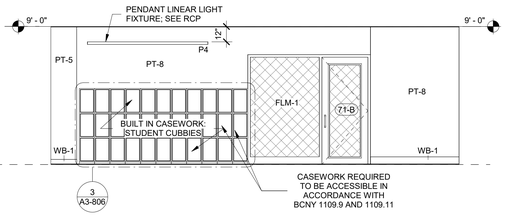
1 West Hallway A

SCALE: 1/4" = 1'-0"



2 West Hallway B

SCALE: 1/4" = 1'-0"



3 West Hallway C

SCALE: 1/4" = 1'-0"

G

NOTE:
MAGNETIC WALL COVERINGS BY OTHERS.

GENERAL NOTE:

1. ALL ACCESSIBLE CASEWORK DIMENSIONAL REACH LIMITS MUST COMPLY WITH FIGURES 308.2.1, 308.2.2, AND 308.2.3 IN CHAPTER 3 OF ICC A117.1. SEE DETAIL DRAWINGS.

2. 5% OF EACH CASEWORK TYPE IS REQUIRED TO BE ACCESSIBLE IN ACCORDANCE WITH BCNY 1109.9 AND 1109.11. SEE DETAIL DRAWINGS

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978-443-7871

SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

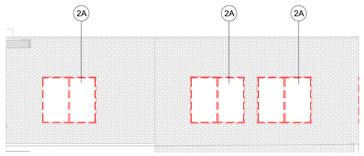
312 Midland Ave, Rye NY 10580

INTERIOR ELEVATIONS - ADDITION

Approver

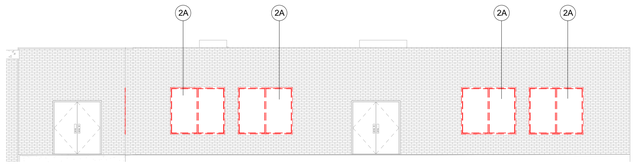
SEAL & SIGNATURE

DATE: 05/05/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-212



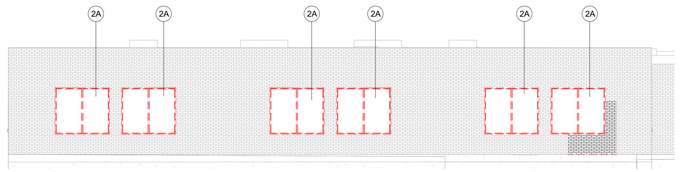
1 DEMOLITION EXTERIOR ELEVATION B

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



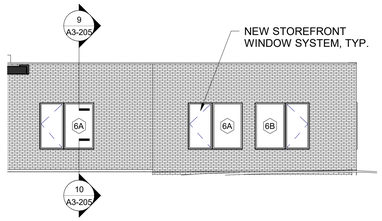
2 DEMOLITION EXTERIOR ELEVATION C

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



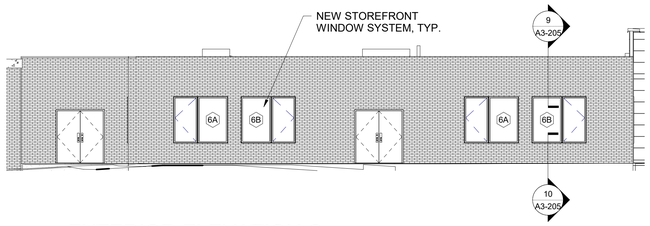
3 EXTERIOR ELEVATION D-1

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



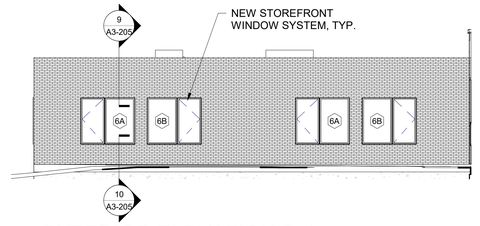
4 EXTERIOR ELEVATION B

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



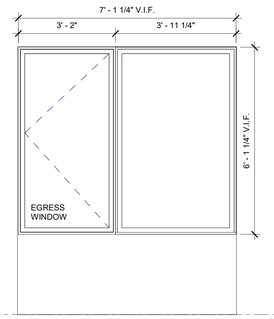
5 EXTERIOR ELEVATION C

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



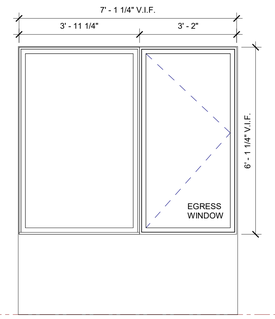
6 EXTERIOR ELEVATION D-1

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



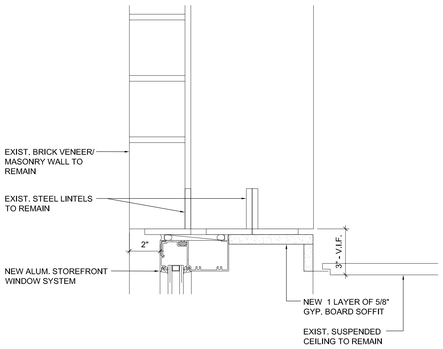
7 WINDOW TYPE 6A

SCALE: 1/2" = 1'-0"



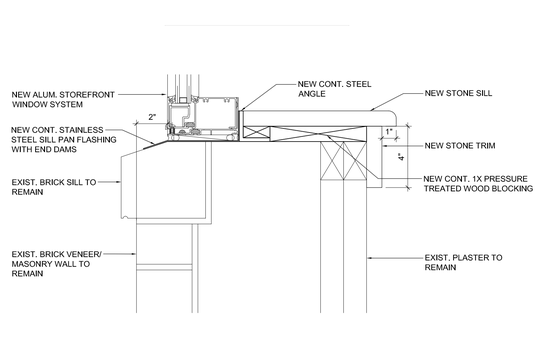
8 WINDOW TYPE 6B

SCALE: 1/2" = 1'-0"



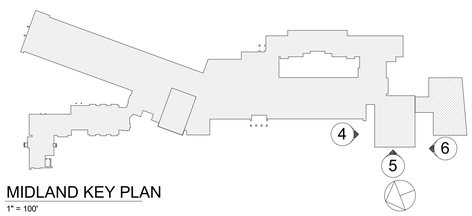
9 WINDOW DETAIL - HEAD

SCALE: 3" = 1'-0"



10 WINDOW DETAIL - SILL

SCALE: 3" = 1'-0"



MIDLAND KEY PLAN

1" = 100'

Revision Schedule		
No.	Description	Date
G	Addendum 2	8/23/2021

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SED#: 6618-0001-0003-026

PROJECT

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Midland Elementary School

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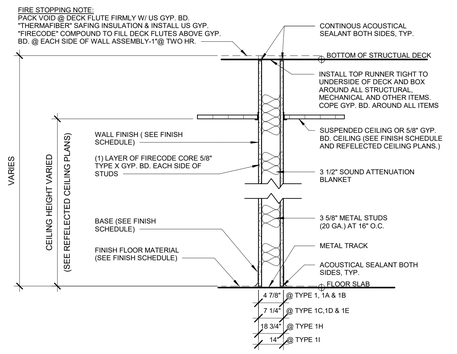
EXTERIOR ELEVATIONS, WINDOW TYPES & DETAILS

SEAL & SIGNATURE

DATE: 08/16/21
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-205 G



ONE HOUR RATED PARTITION

1 3 5/8" METAL STUDS AT 16" O.C. GYPSUM BOARD TYPE "X" EACH SIDE
(1 HOUR RATED - UL DESIGN # U419) WITH 49 STC RATING

1A SIMILAR TO 1 WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON TOILET SIDE
(1 HOUR RATED - UL DESIGN # U433)

1B SIMILAR TO 1 WITH 5/8" CEMENT BOARD EACH SIDE
(1 HOUR RATED - UL DESIGN # U433)

1C 6" METAL STUDS AT 16" O.C. GYPSUM BOARD EACH SIDE
(1 HOUR RATED - UL DESIGN # U419) WITH 56 STC RATING

1D SIMILAR TO 1C WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON TOILET SIDE
(1 HOUR RATED - UL DESIGN # U433)

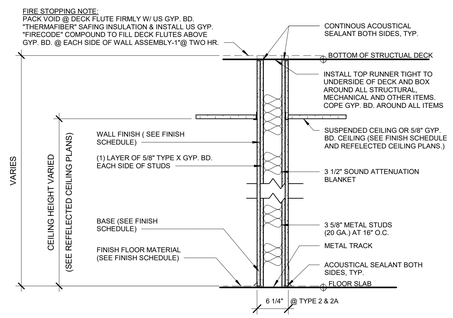
1E SIMILAR TO 1C WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON EACH SIDE
(1 HOUR RATED - UL DESIGN # U433)

1F SIMILAR TO 1 WITH 5/8" GYPSUM BOARD ON ONE SIDE

1G SIMILAR TO 1 WITH 2 LAYERS TYPE "X" GYP. BD. EACH SIDE
(UL DESIGN # U419) WITH 52 STC RATING

1H 3 5/8" METAL STUDS AT 16" O.C. GYPSUM BOARD TYPE "X" EACH SIDE
(UL DESIGN # U419) WITH 49 STC RATING

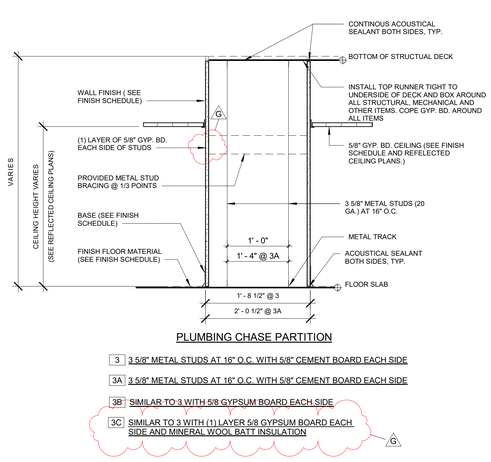
1I 3 5/8" METAL STUDS AT 16" O.C. GYPSUM BOARD TYPE "X" EACH SIDE
(UL DESIGN # U419) WITH 49 STC RATING



TWO HOUR RATED PARTITION

2 2 HR. RATED - 3 5/8" METAL STUDS AT 16" O.C 2 LAYERS TYPE "X" GYP. BD. EACH SIDE
(UL DESIGN # U411)

2A SIMILAR TO 2A WITH 1 LAYER OF TYPE "X" GYP. BD. AND ONE LAYER OF 5/8" CEMENT BOARD IN LIEU OF 2 LAYERS OF GYP. BD. ON TOILET SIDE
(UL DESIGN # U411)



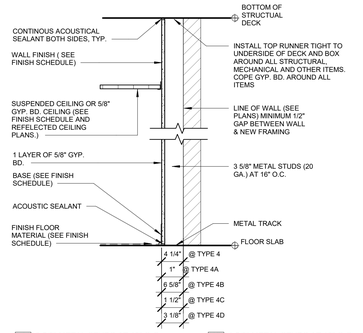
PLUMBING CHASE PARTITION

3 3 5/8" METAL STUDS AT 16" O.C. WITH 5/8" CEMENT BOARD EACH SIDE

3A 3 5/8" METAL STUDS AT 16" O.C. WITH 5/8" CEMENT BOARD EACH SIDE

3B SIMILAR TO 3 WITH 5/8 GYPSUM BOARD EACH SIDE

3C SIMILAR TO 3 WITH (1) LAYER 5/8 GYPSUM BOARD EACH SIDE AND MINERAL WOOL BATT INSULATION



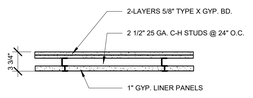
4 3 5/8" METAL STUDS AT 16" O.C.

4A 7/8" METAL HAT CHANNELS AT 16" O.C.

4B 6" METAL STUDS AT 16" O.C.

4C 1 5/8" METAL STUDS AT 16" O.C.

4D 2 1/2" METAL STUDS AT 16" O.C.



2 HOUR RATED SHAFT WALL PARTITION

5 2-HR. RATED SHAFT WALL
(UL DESIGN # U438)

NOTE:
2 HR RATED SHAFTS REQUIRED
FOR BUILDINGS OVER 4 STORIES

NON-RATED PARTITION

6 3 5/8" METAL STUDS AT 16" O.C. GYPSUM BOARD EACH SIDE

6A SIMILAR TO 1 WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON TOILET SIDE

6B SIMILAR TO 1 WITH 5/8" CEMENT BOARD EACH SIDE

6C 6" METAL STUDS AT 16" O.C. GYPSUM BOARD EACH SIDE

6D SIMILAR TO 6C WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON TOILET SIDE

6E SIMILAR TO 6C WITH 5/8" CEMENT BOARD IN LIEU OF GYP. BD. ON EACH SIDE

6F SIMILAR TO 6 WITH 5/8" GYPSUM BOARD ONLY ON EXTERIOR SIDE

6G SIMILAR TO 6 WITH 5" METAL STUDS AT 16" O.C.

BULLET RESISTANT PARTITION

7 1 HR. RATED - 3 5/8" METAL STUDS AT 16" O.C 1 LAYERS TYPE "X" GYP. BD. EACH SIDE
(UL DESIGN # 752)

8 1 LAYER 5/8" GYP APPLIED DIRECTLY OVER EXISTING WALL FINISH
ON TAG SIDE OF WALL

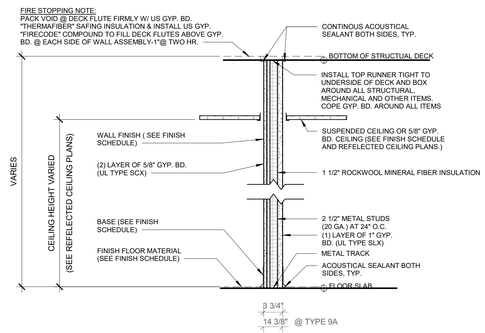
8A 1 LAYER 5/8" GYP ATTACHED TO EXISTING WALL FRAMING
ON TAG SIDE OF WALL

8B 1 LAYER 5/8" GYP APPLIED DIRECTLY OVER EXISTING WALL FINISH
EACH SIDE

8C 1 LAYER 5/8" GYP ATTACHED TO EXISTING WALL FRAMING
EACH SIDE

8D 2 LAYERS 5/8" GYP ATTACHED TO EXISTING WALL FRAMING
ON TAG SIDE OF WALL

8E 2 LAYERS 5/8" GYP ATTACHED TO EXISTING WALL FRAMING
EACH SIDE



9 3 3/4" 2 HR SHAFT WALL
(UL DESIGN # U415)

9A 14 3/8" 2 HR SHAFT WALL
(UL DESIGN # U415)

Revision Schedule

No.	Description	Date
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E	ADDITIONS: ISSUED FOR BID	08/10/2021
G	Addendum 2	8/23/2021

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978-443-7871

SED#: 6618-0001-0003-026

PROJECT
Rye City Schools
555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School
312 Midland Ave, Rye NY 10580

WALL TYPE

Approver

SEAL & SIGNATURE

DATE: 07/29/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-300

Addition Door Schedule

DOOR NUMBER	FROM ROOM	TO ROOM	DOOR TYPE	DOOR MATERIAL	DOOR PANEL FINISH	HEIGHT	WIDTH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HARDWARE GROUP	DETAIL	FIRE RATING	NOTE
36-A	CORRIDOR	CLASSROOM	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-1	H.M.				45 min	5/8" SHOOTER ATTACK GLASS (45 MIN.), SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
70-B	70 VESTIBULE	71 ACTIVE COMMONS	D-7	WOOD, GLASS		7' - 0"	6' - 0"	F-7	H.M.		02		90 min	SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
71-A	71 ACTIVE COMMONS	EXTERIOR	D-9	ALUM., GLASS, INTRUDER RESISTANT		8' - 0"	6' - 0"	INCLUDED IN EXTERIOR WINDOW FRAME	ALUM		10			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
71-B	70 VESTIBULE	32 LEARNING SUITE	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-5	H.M.		09		45 min	SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
72-A	71 ACTIVE COMMONS	72 CONFERENCE	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-4	H.M.		09			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
73-A	71 ACTIVE COMMONS	73 LEARNING SUITE	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-1	H.M.		08			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
73-C	73 LEARNING SUITE	75 LEARNING SUITE	D-5	ALUM., GLASS		7' - 0"	12' - 0"	F-10	ALUM		By MFG	1/A3-607		CRL SLIDING DOOR SERIES 2000, SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
73-D	73 LEARNING SUITE	EXTERIOR	D-8	ALUM., GLASS, INTRUDER RESISTANT		8' - 0"	3' - 0"	INCLUDED IN EXTERIOR WINDOW FRAME	ALUM		11			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
74-A	80 LEARNING SUITE	79 SGR	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-1	H.M.		09			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
75-A	76 WORKSHOP COMMONS	75 LEARNING SUITE	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-5	H.M.		08			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
75-B	75 LEARNING SUITE	EXTERIOR	D-8	ALUM., GLASS, INTRUDER RESISTANT		8' - 0"	3' - 0"	INCLUDED IN EXTERIOR WINDOW FRAME	ALUM		11			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
76-A	71 ACTIVE COMMONS	EXTERIOR	D-9	ALUM., GLASS, INTRUDER RESISTANT		8' - 0"	6' - 0"	INCLUDED IN EXTERIOR WINDOW FRAME	ALUM		10			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
77-A	76 WORKSHOP COMMONS	77 STORAGE	D-1	WOOD		7' - 0"	3' - 0"	F-1	H.M.		09			
78-A	76 WORKSHOP COMMONS	78 LEARNING SUITE	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-4	H.M.		08			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
78-B	78 LEARNING SUITE	80 LEARNING SUITE	D-5	ALUM., GLASS		7' - 0"	12' - 0"	F-10	ALUM		By MFG	1/A3-607		CRL SLIDING DOOR SERIES 2000, SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
78-C	78 LEARNING SUITE	EXTERIOR	D-8	ALUM., GLASS, INTRUDER RESISTANT		8' - 0"	3' - 0"	INCLUDED IN EXTERIOR WINDOW FRAME	ALUM		11			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
79-A	78 LEARNING SUITE	79 SGR	D-4	ALUM., GLASS		7' - 0"	6' - 0"	F-8	ALUM		By MFG			CRL SLIDING DOOR SERIES 2000
79-B	80 LEARNING SUITE	79 SGR	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-1	H.M.		09			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
80-A	76 WORKSHOP COMMONS	80 LEARNING SUITE	D-6	WOOD, GLASS		7' - 0"	3' - 0"	F-4	H.M.		08			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
80-B	76 WORKSHOP COMMONS	80 LEARNING SUITE	D-3	ALUM., GLASS		7' - 0"	8' - 0"	F-6	ALUM		By MFG			CRL MONTEREY S55 SERIES, SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
80-C	80 LEARNING SUITE	EXTERIOR	D-8	ALUM., GLASS, INTRUDER RESISTANT		8' - 0"	3' - 0"	INCLUDED IN EXTERIOR WINDOW FRAME	ALUM		11			SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2
81-A	CORRIDOR	81 ELEC CLOSET	D-2	WOOD		7' - 0"	7' - 0"	F-11	H.M.		04A		45 min	

Addition Door Roller Shade Schedule

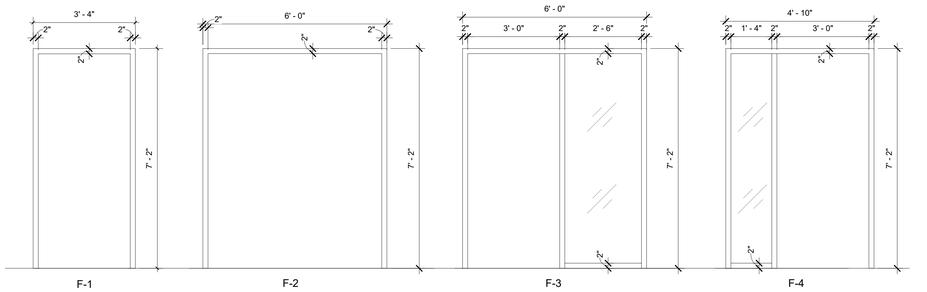
DOOR NUMBER	Count	Opening size H x W	Manufacturer	Fabric 1	Model	Comments
36-A	1	4' - 6" X 2' - 1"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
70-B	2	4' - 6" X 2' - 1"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
71-A		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
71-B	1	4' - 6" X 2' - 1", 7' - 2" X 4' - 6"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
72-A	1	4' - 6" X 2' - 1", 7' - 2" X 1' - 4"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
73-A	1	4' - 6" X 2' - 1"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
73-C	1	7' - 0" X 12' - 0"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
73-D		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
74-A	1	4' - 6" X 2' - 1"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
75-A	1	4' - 6" X 2' - 1", 7' - 2" X 4' - 6"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
75-B		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
76-A		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
77-A						
78-A	1	4' - 6" X 2' - 1", 7' - 2" X 1' - 4"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
78-B	1	7' - 0" X 12' - 0"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
78-C		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
79-A	1	7' - 0" x 6' - 0"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
79-B	1	4' - 6" X 2' - 1"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
80-A	1	4' - 6" X 2' - 1", 7' - 2" X 1' - 4"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
80-B	1	7' - 0" x 8' - 0"	Hunter Douglas	Sheer Weave 7000 Canyon	RB 500	HEAVY DUTY 4" BRACKET SET L WITH FRONT FASCIA COVER DOOR WITH HOLD DOWN PROFILE AND HEM BAR
80-C		INCLUDED IN EXTERIOR WINDOW SCHEDULE				
81-A						

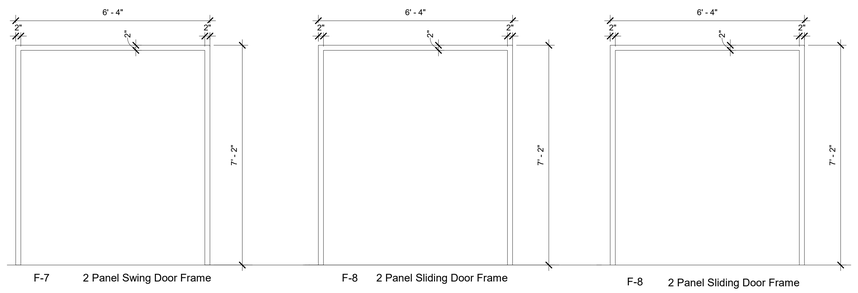
GENERAL NOTES:

1. FIRE RATINGS OF OPENING PROTECTIVES THROUGH 1HR FIRE PARTITION CONSTRUCTION TO BE IN CONFORMANCE WITH BCNYS 716.

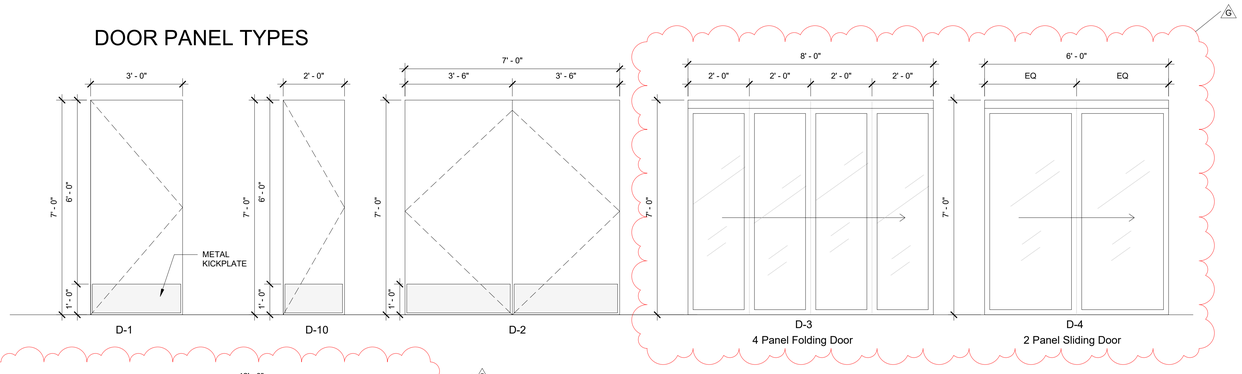
2. PROVIDE ALL DOORS AND DOOR SIDELIGHTS WITH SAFETY GLASS IN ACCORDANCE WITH CPSC 16 CFR 1201 TYPE 2.

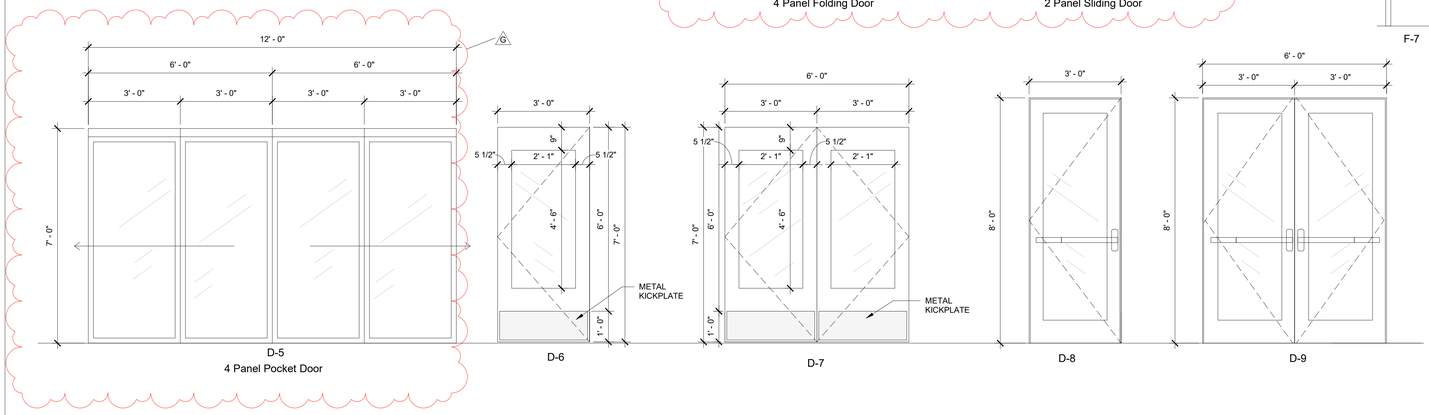
FRAMING TYPES

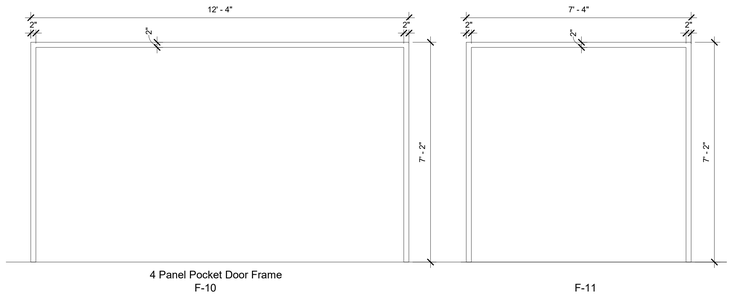




DOOR PANEL TYPES







Revision Schedule

No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	ADDITIONS: SED Addendum #1	4/26/2021
E	ADDITIONS: ISSUED FOR BID	08/10/2021
G	Addendum 2	8/23/2021

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978-443-7871

SED#: 6618-0001-0003-026

PROJECT

Rye City Schools
555 Theodore Fremd Ave, Rye, NY 10580

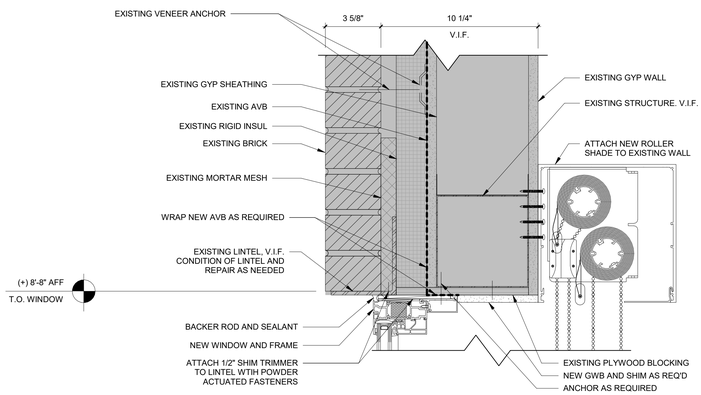
Midland Elementary School
312 Midland Ave, Rye NY 10580

DOOR & FRAMING TYPES & SCHEDULES

Approver

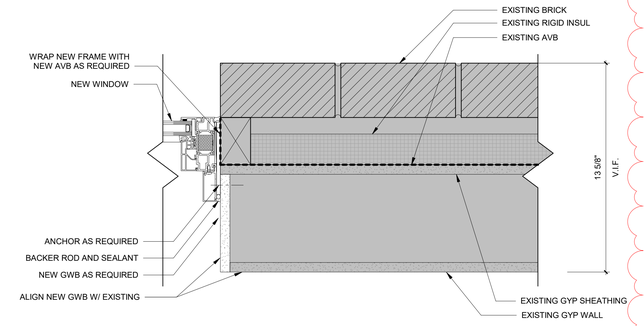
SEAL & SIGNATURE

DATE: 07/27/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-601



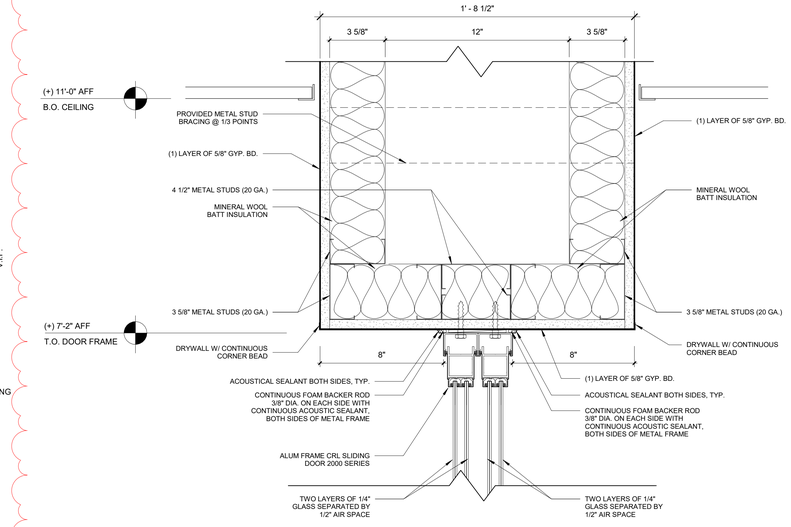
1 DETAIL - HEAD AT EXISTING WALL INFILL

SCALE: 3" = 1'-0"



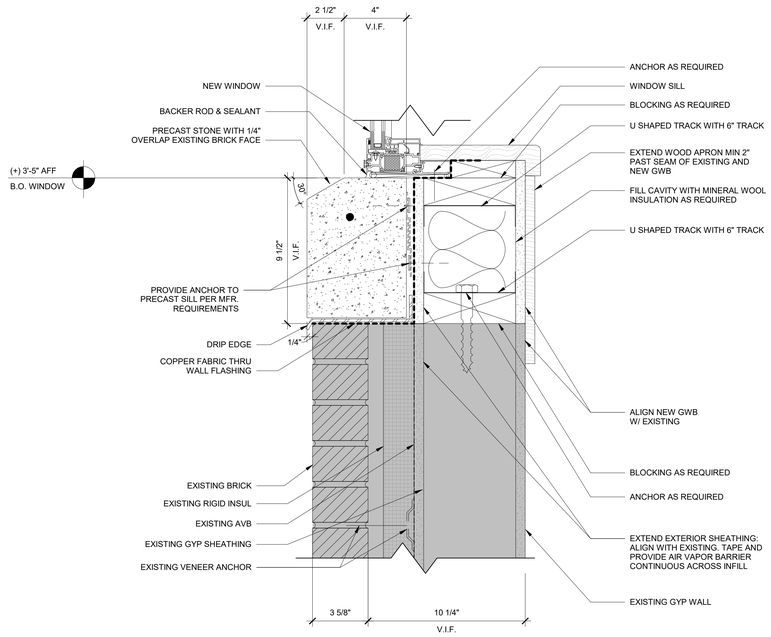
3 DETAIL - JAMB AT EXISTING WALL INFILL

SCALE: 3" = 1'-0"



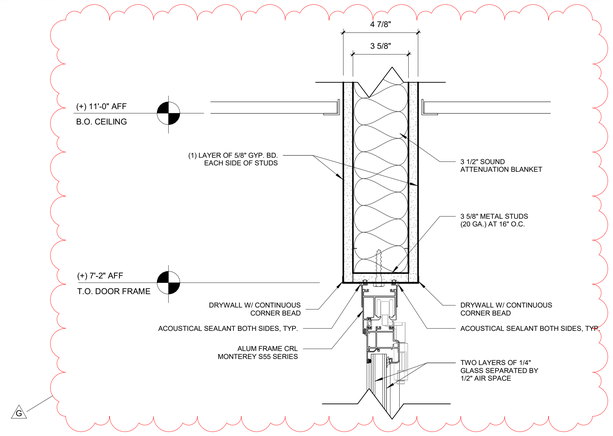
4 DETAIL - SLIDING DOOR HEAD

SCALE: 3" = 1'-0"



2 DETAIL - SILL AT EXISTING WALL INFILL

SCALE: 3" = 1'-0"



5 DETAIL - FOLDING DOOR HEAD

SCALE: 3" = 1'-0"

Revision Schedule

No.	Description	Date
F	Addendum 1	8/16/2021
G	Addendum 2	8/23/2021

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978-443-7871

SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

312 Midland Ave, Rye NY 10580

EXTERIOR WINDOW AND DOOR SECTION DETAILS

Approver

SEAL & SIGNATURE

DATE: 07/29/21
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No:
A3-607

FINISH LEGEND

FLOORS

FLOOR TILE

FT - 1 — PRODUCT: FLORIM BASALTINE PORCELAIN TILE
DIMENSIONS: 12" X 12" TILE BY FLORIM
COLOR: LIGHT GREY 1096207 WITH GRIP FINISH

LUXURY VINYL TILE - PLANK FLOORING

LVT - 4 — PRODUCT: SHAW CONTRACT SOLITUDE LVT
DIMENSIONS: 6" x 48"
COLOR: COTTONWOOD

LVT - 5 — PRODUCT: SHAW CONTRACT SOLITUDE LVT
DIMENSIONS: 6" x 48"
COLOR: FRENCH GREY

LVT - 6 — PRODUCT: SHAW CONTRACT COVE LVT 0927V
DIMENSIONS: 9" x 48"
COLOR: WASH

LVT - 7 — PRODUCT: SHAW CONTRACTCOVE LVT 0927V
DIMENSIONS: 9" x 48"
COLOR: GRAZE

LVT - 8 — PRODUCT: SHAW CONTRACT COVE LVT 0927V
DIMENSIONS: 9" x 48"
COLOR: JADE

LVT - 9 — PRODUCT: SHAW CONTRACT COVE LVT 0927V
DIMENSIONS: 9" x 48"
COLOR: SAPPHIRE

WALL BASE

WB-1 — PRODUCT: ROPPE PINNACLE RUBBER BASE
DIMESIONS: 6" HIGH STANDARD NOSE
COLOR: DOLPHIN 129

WALL TILE BASE

WTB -1 — PRODUCT: FLORIM BASALTINE COVE BASE TILE
DIMESIONS: 6" X 12"
COLOR: NUT 1096227

SURFACES

SOLID SURFACE COUNTERTOP

SS - 1 NOT USED

SS - 2 — PRODUCT: CORIAN SOLID SURFACE
COLOR: SILVER BIRCH

CASEWORK FINISHES

PLYFF-1 — PRODUCT: 18mm PRE-FINISHED BALTIC BIRCH PLYWOOD WITH CLEAR, NON-YELLOWING UV FINISH; EXPOSED EDGES, SANDED SMOOTH AND CLEAR FINISHED. PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL. FINISH FOR CUSTOM FURNITURE BY OWNER. LISTED FOR REFERENCE ONLY.

PLYFF-2 — PRODUCT: 18mm PRE-FINISHED BALTIC BIRCH PLYWOOD with WILSONART 1573 MARKERBOARD FROSTY WHITE PLASTIC LAMINATE on TAG SIDE; CLEAR, NON-YELLOWING UV FINISH on OPPOSITE SIDE: EXPOSED EDGES, SANDED SMOOTH AND CLEAR FINISHED. PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL. FINISH FOR CUSTOM FURNITURE BY OWNER. LISTED FOR REFERENCE ONLY.

WALLS

PAINT

PT - 1 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: BEACON GRAY – 2128-60

PT - 2 NOT USED

PT - 3 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: WHITE HERON OC-57

PT - 4 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: BLUE HYDRANGEA 2062-60

PT - 5 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: BLUE DAISY 2062-40

PT - 6 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: POTPOURRI GREEN 2029-50

PT - 7 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: STEM GREEN 2029-40

PT - 8 — PRODUCT: BENJAMIN MOORE SPEC 500
COLOR: TURQUOISE POWDER 2057-50

WALL TILE

WT -1 — PRODUCT: FLORIM BASALTINE PORCELAIN TILE
DIMENSIONS: 12" X 24" TILE BY FLORIM
COLOR: LIGHT GREY 1096219

GROUT

GT -1 — PRODUCT: SPECTRALOCK PRO
COLOR: RAVEN 45

G

NOTE:
PREPARE WALLS FOR MAGNETIC WALL COVERINGS. MAGNETIC WALL COVERINGS BY OWNER.

WALL COVERINGS

WLC-1 — PRODUCT: VISUAL MAGNETICS ASTRO DRY ERASE WALLCOVERING
COLOR: WHITE

WLC-2 — PRODUCT: VISUAL MAGNETICS ASTRO HUE DRY ERASE WALLCOVERING
COLOR: MATCH BEN MOORE 2062-60 BLUE HYDRANGEA

WLC-3 — PRODUCT: VISUAL MAGNETICS ASTRO HUE DRY ERASE WALLCOVERING
COLOR: MATCH BEN MOORE 2029-50 POTPOURRI GREEN

GLASS FILMS

FLM-1 — PRODUCT: DECORATIVE FILMS SOLYX SX-5037 SAMBE

FINISH SCHEDULE - ADDITION

ROOM NUMBER	ROOM NAME	FLOOR FINISH	FLOOR UNDERLAYMENT	BASE FINISH	WALL FINISH A	WALL FINISH B	WALL FINISH C	WALL FINISH D	CEILING FINISH	NOTES
32	5th GRADE ICT CLASSROOM<	LVT-4	SHAW GROUNDWORKS	WB-1	PT-8	PT-8, WLC-1	PT-3	PT-3, PT-8	CLG-1	
35	Classroom	LVT-1	SHAW GROUNDWORKS	WB-1	PT-3	PT-3	PT-3	PT-3	CLG-1	COUNTERTOP, BACKSPLASH & SIDESPLASH: SS-1
36	Small Group Instruction	LVT-1	SHAW GROUNDWORKS	WB-1	PT-3	PT-3	PT-3	PT-3	CLG-1	MATCH EXISTING DOOR TRIM COLOR ON CORRIDOR SIDE COUNTERTOP, BACKSPLASH & SIDESPLASH: SS-1
70	VESTIBULE	LVT-5	SHAW GROUNDWORKS	WB-1	PT-8	PT-5	PT-8	---	CLG-1	
71	ACTIVE COMMONS	LVT-5, LVT-8, LVT-9	SHAW GROUNDWORKS	WB-1	PT-3	PT-3	PT-3, PT-7, WLC-1	PT-7	CLG-1, CLG-5A, CLG-6A, CLG-6C	
72	CONFERENCE	LVT-4	SHAW GROUNDWORKS	WB-1	PT-4	PT-4	PT-4, WLC-1	PT-4	CLG-1	
73	5th GRADE LEARNING STUDIO	LVT-5, LVT-7, LVT-8	SHAW GROUNDWORKS	WB-1	PT-3, WLC-2	PT-3, WLC-2	PT-3, WLC-3	PT-7, WLC-1	CLG-1, CLG-5A, CLG-5C, CLG-6A, CLG-6C	
74	SGR	LVT-6	SHAW GROUNDWORKS	WB-1	PT-6	PT-6, WLC-1	PT-6	PT-6, WLC-1	CLG-1	
75	5th GRADE LEARNING STUDIO	LVT-5, LVT-7, LVT-8	SHAW GROUNDWORKS	WB-1	PT-3, WLC-2	PT-3, PT-7, WLC-1	PT-7, WLC-1	PT-3, WLC-2, WLC-3	CLG-1, CLG-5A, CLG-5C, CLG-6A, CLG-6C	
76	WORKSHOP COMMONS	LVT-9, LVT-5, LVT-7, LVT-8	SHAW GROUNDWORKS	WB-1	PT-3, WLC-3	PT-3, WLC-2	PT-3, WLC-2, PT-5	PT-3	CLG-1, CLG-5A, CLG-6	
77	STORAGE	LVT-5	N/A	WB-1	PT-3	PT-3	PT-3	PT-3	CLG-1	
78	5th GRADE LEARNING STUDIO	LVT-5, LVT-6,LVT-9	SHAW GROUNDWORKS	WB-1	PT-3, PT-5, WLC-1	PT-3	PT-3, WLC-2	PT-3, WLC-2, WLC-3	CLG-1, CLG-5A, CLG-5C, CLG-6A, CLG-6C	
79	SGR	LVT-6	SHAW GROUNDWORKS	WB-1	PT-8, WLC-1	PT-8	PT-8	PT-8, WLC-1	CLG-1	
80	5th GRADE LEARNING STUDIO	LVT-5, LVT-6, LVT-9	SHAW GROUNDWORKS	WB-1	PT-3	PT-3, WLC-3, WLC-2	PT-3, WLC-2	PT-3, PT-5, WLC-1	CLG-1, CLG-5A, CLG-5C, CLG-6A, CLG-6C	
81	ELEC. CLOSET	LVT-4	N/A	WB-1	PT-3	PT-3	PT-3	PT-3	CLG-1	

NOTES:
1. NEW DOOR TRIM TO BE PT-1, UNLESS OTHERWISE NOTED.

GENERAL NOTE:

SEE INTERIOR ELEVATIONS AND FINISH PLANS FOR FLOORING PATTERN AND CUT LINES OF WALL FINISHES

Revision Schedule

No.	Description	Date
A	SED SUBMISSION	10/23/2020
E	ADDITIONS: ISSUED FOR BID	08/10/2021

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SED#: 6618-0001-0003-026

PROJECT

Rye City Schools
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312 Midland Ave, Rye NY 10580

FINISH SCHEDULES & LEGENDS

Approver

SEAL & SIGNATURE

DATE: 07/27/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A3-700

G

NOTE:
PREPARE WALLS FOR MAGNETIC WALL COVERINGS. MAGNETIC WALL COVERINGS BY OWNER.

1 PHASE 3 - Addition Paint Plan
SCALE: 1/4" = 1'-0"

MIDLAND KEY PLAN
1" = 100'

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	ADDITIONS: SED Addendum #1	4/26/2021
E	ADDITIONS: ISSUED FOR BID	08/10/2021
G	Addendum 2	8/23/2021

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SED#: 6618-0001-0003-026

PROJECT
Rye City Schools
555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

312 Midland Ave, Rye NY 10580

ADDITION - WALL FINISH PLAN

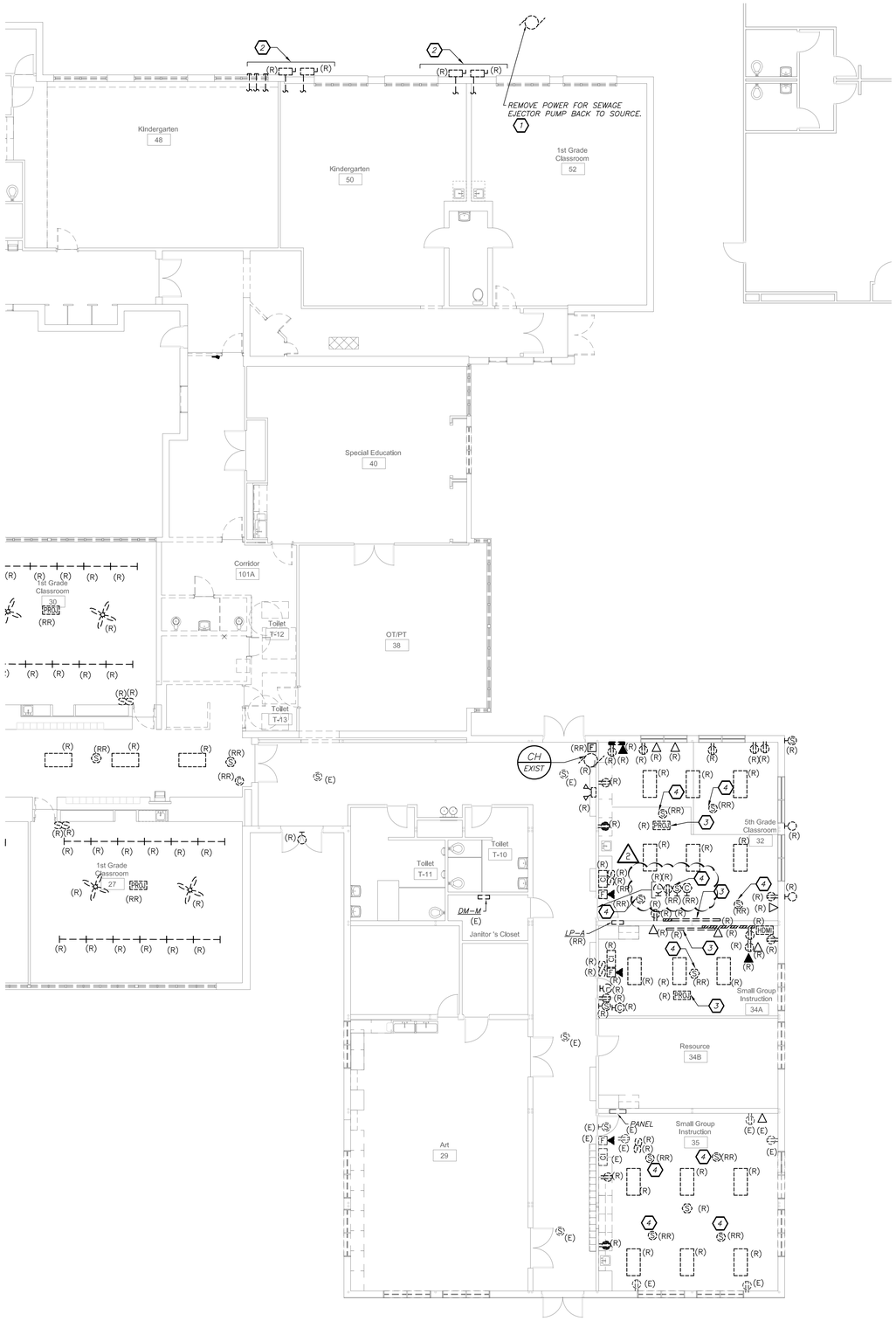
Approver

SEAL & SIGNATURE

DATE: 04/29/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No:
A3-721

WORK NOTES:

1. E.C TO REMOVE POWER CONNECTIONS TO THE (1) EJECTOR PUMP INCLUDING CONDUIT AND WIRING IN ITS ENTIRETY BACK TO ITS SOURCE. REFER TO C3-100 FOR MORE DETAIL.
2. DISCONNECT AND REMOVE (4) DISCONNECT SWITCHES FEEDING THE MODULAR CLASS ROOM. CUT AND CAP BACK TO ABOVE CEILING WITHIN BUILDING, (4) 4" CONDUIT FOR POWER (1) 3/4" CONDUIT FOR FIRE ALARM, (1) 3/4" CONDUIT FOR PUBLIC ADDRESS, AND (1) 3/4" CONDUIT FOR TELEPHONE. ALL POWER WIRING SHALL BE REMOVED BACK TO SOURCE. PROVIDE TAG INDICATING FORMERLY USED FOR MODULAR BUILDING.
3. WHERE REFERENCED BY THIS NOTE, THE CONTRACTOR SHALL REMOVE PROJECTOR AND SMART BOARD, THE EXISTING ADAPTER CLIP AND AND MOUNTING BRACKET AND RETURN TO OWNER IN A NEAT ORGANIZED MANNER. THIS INCLUDES ALL EQUIPMENT TO BE WRAPPED WITH BUBBLE WRAPPED TO PROTECT ALL DEVICES.
4. EXISTING DEVICES SHALL BE REMOVED AND RELOCATED. EXTEND EXSITNG CODUIT AS REQUIRED AND NECESSARY TO THE NEW LOCATION. THE RELOCATED DEVICES ARE INDITCATED ON DRAWING E3-201. PROVIDE JUNCTION BOX, SPLICE BOX/TERMINAL BLOCKS ETC. TO HAVE A COMPLETE AND PROPER PEORATING DEVICE/EQUIPMENT



FIRST FLOOR REMOVAL PLAN (REMOVALS)

1 / E3-101

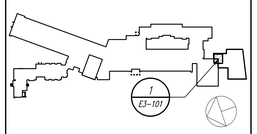
0 8' 16'

1/8 inch=1 foot

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK

Revision Schedule

No.	Description	Date
A	SED Submission	10/23/2020
B	ISSUED FOR BID	08/10/2021
C	ADDENDUM #1	08/16/2021
D	ADDENDUM #2 (2)	08/20/2021



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SED#: 6618-0001-0003-025

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

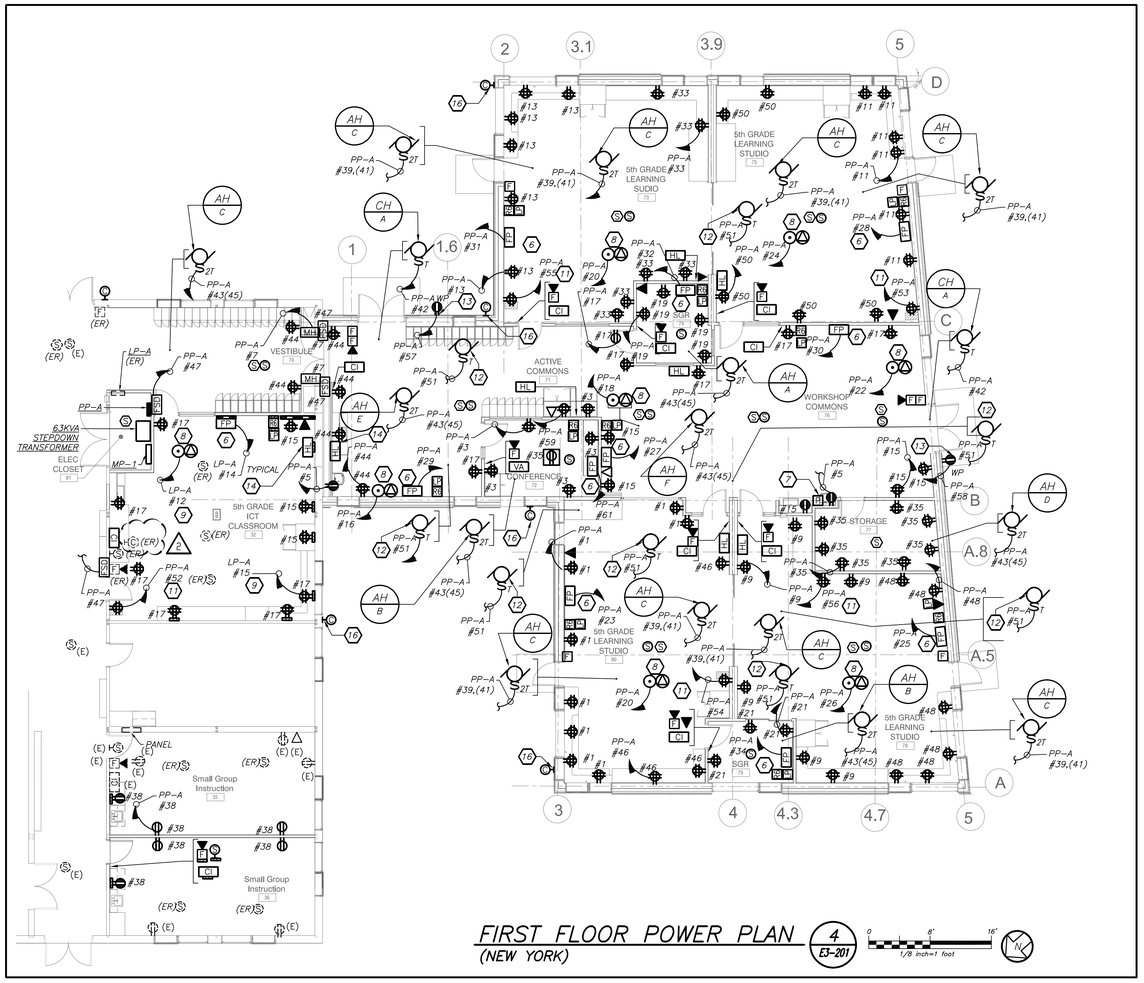
Midland Elementary School

312 Midland Ave, Rye NY 10580

ADDITION ELECTRICAL REMOVALS PLAN

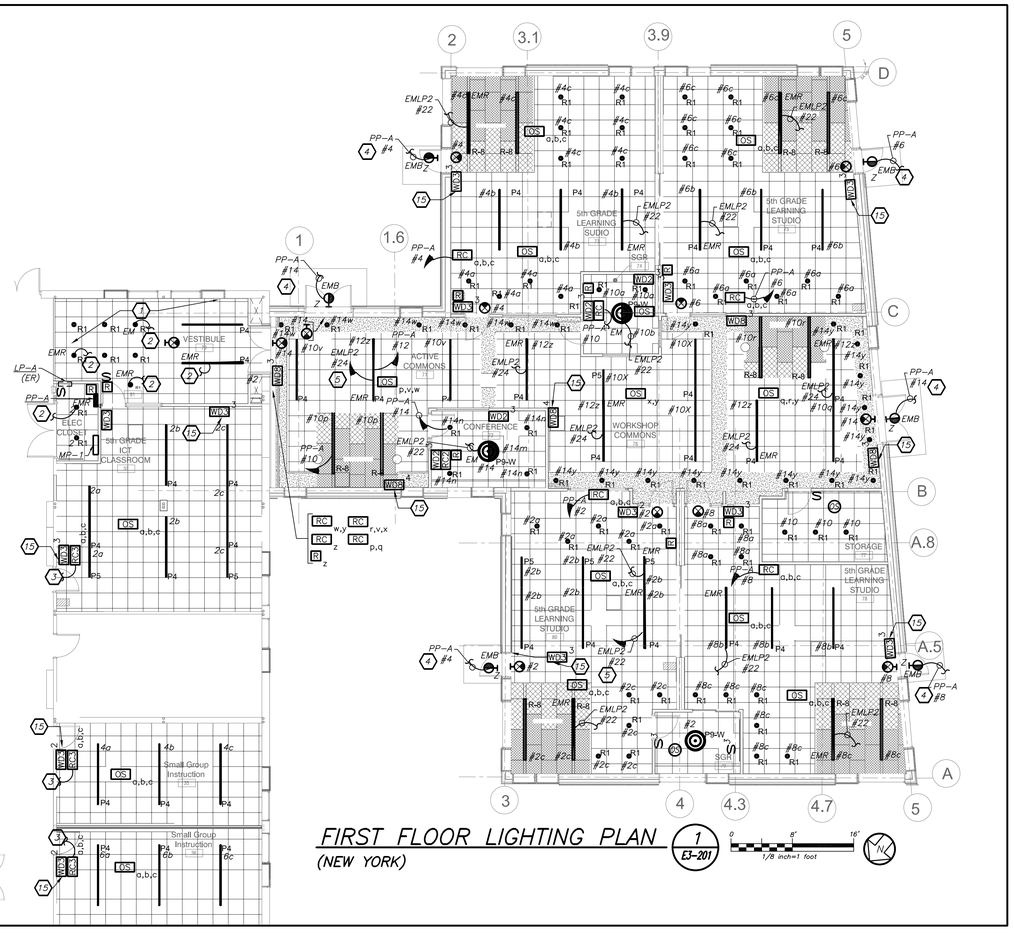
SEAL & SIGNATURE

DATE: 12/12/19
PROJECT No: 9200
DRAWING BY: Author
CHK BY: BGA/BGA
DWG No: E3-101



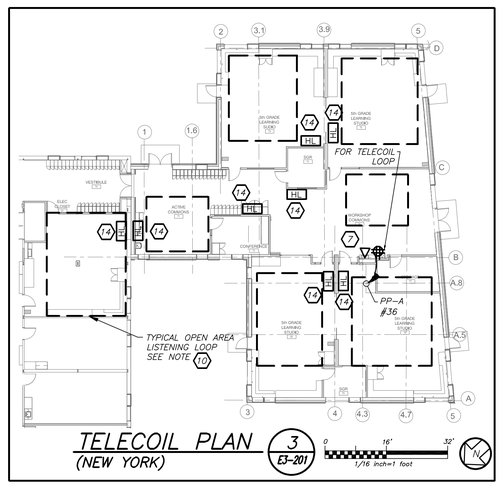
FIRST FLOOR POWER PLAN (NEW YORK)

4 E3-201 — 1/8 inch=1 foot



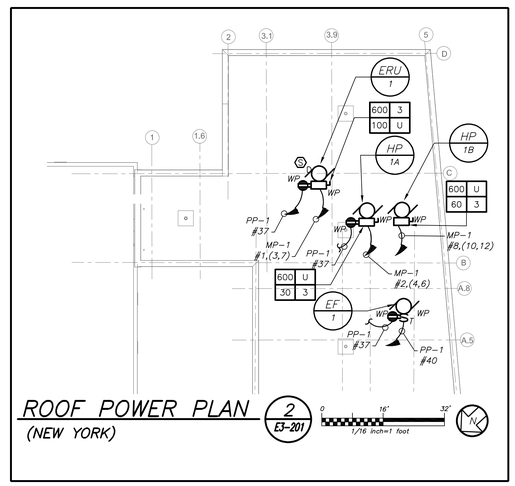
FIRST FLOOR LIGHTING PLAN (NEW YORK)

1 E3-201 — 1/8 inch=1 foot



TELECOIL PLAN (NEW YORK)

3 E3-201 — 1/16 inch=1 foot



ROOF POWER PLAN (NEW YORK)

2 E3-201 — 1/16 inch=1 foot

WORK NOTES:

10. ELECTRICAL CONTRACTOR SHALL SCORE THE FLOOR AND FURNISH AND INSTALL TELECOIL LOOP. REFER TO AVE2 DRAWINGS FOR MORE DETAILS ON THE TOTAL SCOPE OF WORK INCLUDING 27000 SECTION OF SPECIFICATION.
11. PROVIDE DEDICATED CIRCUIT FOR CHROME CARTS. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT BEFORE THE START OF ANY WORK.
12. PROVIDE POWER FOR MECHANICAL EQUIPMENT FS-A. REFER TO MECHANICAL DRAWINGS FOR MORE DETAILS.
13. PROVIDE WATERPROOF RECEPTACLE WITH LOCKABLE COVER. RECEPTACLE SHALL BE MOUNTED AT 18" AFF. IT SHALL BE SWITCHED FROM INSIDE THE BUILDING.
14. FOR HEARING LOOP TERMINATION JUNCTION BOX. REFER TO LEGEND AND AV DRAWING FOR ADDITIONAL INFORMATION.
15. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF LIGHTING CONTROLS.
16. EC TO PROVIDE RECESSED MOUNTED EXTERIOR WALL JUNCTION BOX WITH SLEEVE INTO BUILDING ABOVE HUNG CEILING. COORDINATE HEIGHT WITH OWNER/ARCHITECT BEFORE START OF ANY WORK

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK

WORK NOTES:

1. WIRE NEW LIGHTING TO EXISTING CORRIDOR LIGHTING AND CONTROLS.
2. WIRE NEW EMERGENCY LIGHTING TO EXISTING CORRIDOR EMERGENCY LIGHTING CIRCUIT AND CONTROLS.
3. CIRCUIT NUMBER IS SHOWN FOR CONTRACTOR GUIDANCE ONLY. PROVIDE 2#12+1#12G IN 3/4" TO CIRCUIT AND BREAKER MADE SPARE BY LIGHTING DEMOLITION WORK.
4. CIRCUIT EXTERIOR LIGHTING FIXTURE TYPE "Z" TO INTERIOR NORMAL LIGHTING CIRCUIT AS SHOWN. FIXTURE SHALL BE CONTROLLED VIA INTEGRAL PHOTOCELL AND OCCUPANCY SENSOR. INCLUDE SELF CONTAINED BATTERY PACKS TO OVERRIDE ALL CONTROLS IN EVENT OF EMERGENCY.
5. WIRE EMERGENCY LIGHTING TO EMERGENCY LIGHTING CIRCUIT AS SHOWN. PROVIDE 2#12+1#12G IN 3/4" CONDUIT TO PANEL. PROVIDE 1P-20 AMP CIRCUIT BREAKER AT PANEL. PANEL EMPL2 IS LOCATED IN STORAGE ROOM 37.
6. FLAT PANEL "FP" BACK BOX AND TWO QUAD RECEPTACLES INSTALLED IN "FP" BOX SHALL BE MOUNTED AT HEIGHT SPECIFIED BY ARCHITECT. REFER TO AV DRAWINGS FOR EXACT LOCATION.
7. FOR TELECOIL LOOP AMPLIFIER COORDINATE EXACT LOCATION WITH ARCHITECT AND AV DRAWINGS BEFORE THE START OF ANY WORK. PROVIDE 1-/12" EMPTY CONDUIT TO STUB UP IN CEILING FOR HEARING LOOP AND 1-1/2" EMPTY CONDUIT TO ABOVE HUNG CEILING FOR DATA. PROVIDE DRAG LINE.
8. AV RACK SHALL BE MOUNTED ABOVE DROPPED CEILING. REFER TO AV DRAWINGS FOR EXACT LOCATION. PROVIDE CEILING MOUNTED QUAD RECEPTACLE AND DATA PORT ON CEILING TILE.
9. PROVIDE 2#12+1#12G IN 3/4" TO CIRCUIT AS SHOWN. PROVIDE 1P-20 BREAKER AT THE PANEL.

LIGHTING CONTROL AND SEQUENCE OF OPERATION:

1. LEARNING STUDIOS, CONFERENCE ROOM ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH STUDIO CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. UL 924 EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON 100% IN THE EVENT OF EMERGENCY.
2. ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS. EMERGENCY LIGHTING SHALL BE ACHIEVED VIA UL 924 EMERGENCY LIGHTING RELAY. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON.
3. EXTERIOR BUILDING MOUNTED LIGHTS (TYPE Z) ARE CONTROLLED VIA BUILT-IN PHOTOCELL AND STEP-DIM MOTION SENSORS. PROVIDE ALL REQUIRED IN BUILT BATTERY BACKUP SHALL OVERRIDE ALL SENSORS (PHOTOCELL AND OCCUPANCY SENSOR) IN THE EVENT OF EMERGENCY AT EGRESS DOORS AS SHOWN.

GENERAL NOTES:

1. REFER TO DRAWING E3-001 FOR LEGEND AND LIGHTING CONTROL AND E3-601 FOR LIGHTING FIXTURE SCHEDULE.
2. REFER TO DRAWING E3-601 SERIES FOR PANELBOARD AND LIGHTING SCHEDULES.
3. REFER TO DRAWING E3-701 FOR LIGHTING CONTROL WIRING DIAGRAMS AND DETAILS.
4. NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING RELAY SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
5. FOR ALL AREAS CONTROLLED BY ROOM CONTROLLER "RC", ELECTRICAL CONTRACTOR IS TO CIRCUIT ROOM CONTROLLER, THEN EXTEND LINE VOLTAGE CIRCUITRY TO EACH OF THE LIGHT FIXTURES DEPENDING ON CONTROL ZONES. REFER TO ROOM CONTROLLER WIRING DIAGRAM DETAILS ON DRAWING E3-701.
6. ALL EXIT LIGHTS SHALL BE CIRCUITED TO NORMAL LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY SWITCHING.
7. SET LIGHTING CONTROL SENSORS TO HIGHEST SENSITIVITY AVAILABLE PRIOR TO INSTALLATION.
8. COORDINATE EXACT FINAL LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AV2 DRAWING AND VENDOR BEFORE THE START OF ANYWORK. ELECTRICAL CONTRACTOR SHALL NOT START INSTALLATION UNTIL YOU THEY HAVE A SIGN OF FROM SCHOOL DISTRICT AND CONSTRUCTION MANAGER.

Revision Schedule

No.	Description	Date
A	SED Submission	10/23/2020
B	ISSUED FOR BID	08/10/2021
C	ADDENDUM #1	08/16/2021
D	ADDENDUM #2	08/20/2021

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SED#: 6618-0001-0003-025

PROJECT

Rye City Schools
555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School
312 Midland Ave, Rye NY 10580

ADDITION ELECTRICAL LIGHTING AND POWER PLAN

SEAL & SIGNATURE

DATE:	12/12/19
PROJECT No:	9200
DRAWING BY:	Author
CHK BY:	BGA/BGA
DWG No:	E3-201

SECTION 08 51 00

ALUMINUM WINDOWS AND DOORS

PART 1 GENERAL

1.1 RELATED DOCUMENTS

A. All of the Contract Documents, including General and Supplementary Conditions and Division 1 General Requirements, apply to the work of this section.

1.2 DESCRIPTION OF WORK

A. The work of this section includes, but is not limited to, the following:

1. Aluminum windows, fixed, vent operable and dual-swing type.
2. Aluminum doors within exterior framing system.
3. Aluminum trim, closures, corner caps and glazed infill panels to complete assemblies.

1.3 RELATED WORK

A. Examine Contract Documents for requirements that affect work of this Section. Other Specification Sections that directly relate to work of this Section include, but are not limited to:

1.	Section 04 20 00	Unit Masonry
2.	Section 05 40 00	Cold-Formed Metal Framing
3.	Section 06 10 00	Rough Carpentry
4.	Section 07 27 16	Sheet Membrane Air Barriers
5.	Section 07 92 00	Joint Sealants
6.	Section 08 81 00	Glass and Glazing

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's printed product data, specifications, standard details, installation instructions, use limitations and recommendations for each material used. Provide certifications that windows comply with specified requirements. Product data for each type of window required, shall include:

1. Construction details and fabrication methods.
2. Profiles and dimensions of individual components.
3. Data on hardware, accessories, and finishes.
4. Recommendations for maintenance and cleaning of exterior surfaces.

B. Shop Drawings: Provide large scale shop drawings for fabrication, installation and erection of all parts of the work. Provide plans, elevations, and details of anchorages, connections and

accessory items. Provide installation templates for work installed by others. Show all interfaces and relationships to work of other trades. Include information not fully detailed in manufacturer's standard product data and the following:

1. Layout and installation details, including anchors.
2. Elevations of continuous work at 1/4 inch scale and typical window unit elevations at 3/4 inch scale.
3. Full-size section details of typical composite members, including reinforcement.
4. Glazing details.
5. Accessories.

C. Certification: Provide certification by a recognized independent testing laboratory or agency showing that each type, grade, and size of window unit complies with performance requirements indicated.

D. Initial Selection Samples: Submit samples showing complete range of colors, textures, and finishes available for each material used.

E. Verification Samples: Submit representative samples of each material that is to be exposed in the completed work. Show full color ranges and finish variations expected. Provide samples having minimum size of 144 sq. in.

1.5 QUALITY ASSURANCE

A. Source: For each material type required for the work of this section, provide primary materials which are the product of one manufacturer. Provide secondary or accessory materials which are acceptable to the manufacturers of the primary materials.

B. Installer: A firm with a minimum of five years experience in type of work required by this section and which is acceptable to the manufacturers of the primary materials.

C. Design Requirements: Comply with structural performance, air infiltration, and water penetration requirements indicated in AAMA GS-001 for type, grade, and performance class of window units required.

D. Indications of section sizes and reinforcement on the Drawings are for design intent only. Manufacturer shall provide proper structural design and anchorage.

E. Mock-Up: Mock-up of exterior wall is required. Comply with requirements of Section 01 43 39, Mock-Ups.

1.6 TESTS AND PERFORMANCE REQUIREMENTS

A. Manufacturer's Standard Tests: Provide manufacturer's standard test data showing compliance with specified requirements.

B. Test products to AAMA/WDMA/CSA 101/I.S.2/A440-17 North American Fenestration

Standard. Performance to meet or exceed AW-PG70-DAW Dual Action Tilt/Turn and Fixed Windows. Performance to meet or exceed AW-PG65-C (Casement Out) and AW- PG65-AP (Project Out).

C. Test Sequence: Test sequence is optional, except that air infiltration tests shall precede water resistance tests.

D. Air Infiltration Test: With window sash and ventilators closed and locked, test unit in accordance with ASTM E 283, as follows:

1. Static Air Pressure Difference: 5% of specified Design Wind Pressure, but never less than 6.24 pounds per square foot.
2. Air Infiltration: Air infiltration shall not exceed 0.04 cfm/sq.ft. when tested in accordance with ASTM E 283.

E. Water Leakage Test: Test unit in accordance with ASTM E 547, with four test cycles, each cycle consisting of five minutes with pressure applied, and one minute of pressure released, during which time the water spray will be continuously applied.

1. Test Pressure: 20% of specified Design Wind Load, but never less than 15 pounds per square foot.
2. Performance: No leakage as defined in the test method at the specified test pressure.
3. Water Infiltration: Window shall allow no water penetration when tested in accordance with ASTM E 331.

F. Uniform Load Deflection Test: Test units in accordance with ASTM E 330, at the following static air pressure difference (70 psf positive and negative Design Wind Pressure), or the loads prescribed by code for this project site, whichever is greater. Apply pressure first to the exterior side (positive) and then the interior side (negative).

1. Test Procedure: Procedure A at 150% of Design Wind Pressure as specified in ASTM E 330.
2. Performance: Deflection in each member measured at locations of greatest deflection shall not exceed L/175 of member span at the specified Design Wind Pressure.
3. All intermediates, vertical, and horizontal members, including meeting rails must handle Design Wind Pressure at L/175 deflection with no change in sightline or system depth to that which is detailed.

F. Uniform Load Structural Test: Test units in accordance with ASTM E 330, at the following static air pressure difference (70 psf positive and negative Design Wind Pressure), or the loads prescribed by code for this project site, whichever is greater. Apply pressure first to the exterior side (positive) and then the interior side (negative).

1. Test Procedure: Procedure A at 150% of Design Wind Pressure as specified in ASTM E 330.
2. Performance: No failure or permanent deformation.

G. Condensation Resistant Factor: Per AAMA 1503.1, value not less than 55. Condensation Resistance Factor (CRFf): A minimum of 69 for Casement or Project Out.

H. Thermal Movement: Provide window systems that allow for expansion and contraction of members throughout an ambient temperature range of 120oF.

I. Thermal Transmittance:
1. Provide window units that have a U-value maximum 0.15 rated in BTU/hour/sq. ft./degrees F at 15-mph exterior wind velocity, when tested in accordance with AAMA 1503.1. Test unit to be 4 ft. x 6 ft.
2. Provide window units that have a maximum solar heat gain coefficient (SHGC) of 0.38.
3. Provide windows with a Thermal Transmittance U Value of 0.41 BTU/HR/FT²/°F or less for Casement or Project Out windows.

J. Field Leakage Test: The Owner reserves the right to employ an independent testing agency to perform in-place field tests for water leakage. Complete on-site window mock-up and surrounding wall construction at earliest possible date in order that any problems or failures can be identified before majority of windows have been installed. Field test will include a prolonged water spray test. Any uncontrolled water leakage will be considered a failure. Contractor shall pay for all remedial work and all retesting due to failures.

K. Forced Entry Test: When tested in accordance with ASTM F 588, shall have a minimum performance grade of 10.

L. Acoustical Performance for Casement of Project Out Windows: When tested in accordance with ASTM E 1425:
1. The Sound Transmission Class (STC), and Outdoor–Indoor Transmission Class (OITC) shall not be less than 35 STC and 28 OITC.

M. Acoustical Performance for Fixed Windows: When tested in accordance with ASTM E 90, AAMA 1801:
1. Sound Transmission Class (STC) shall not be less than: 32 Annealed, 36 laminated.
2. Outdoor–Indoor Transmission Class (OITC) shall not be less than: 1" IGU; 27, 1"laminated; 30.

1.7 PROJECT CONDITIONS

A. Weather: Perform work of this Section only when existing or forecasted weather conditions are within the limits established by manufacturers of the materials and products used.

B. Substrates: Proceed with work only when substrate construction and penetration work is complete.

C. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements, fabrication schedule with construction progress to avoid construction delays

1.8 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials and products in unopened, factory labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Store under cover and protect from weather damage.

B. Sequence deliveries to avoid delays but minimize on-site storage.

1.9 WARRANTIES

A. Aluminum Windows and Related Materials: Provide a written warranty, signed by the manufacturer agreeing to repair or replace work which exhibits defects in materials or workmanship, including all extrusions, weatherstripping, panning, and trim, and all hardware. Defects" is defined to include, but not limited to, leakage of water, abnormal aging or deterioration, abnormal deterioration or fading of finishes, and failure to perform as required. Include requirement for removal and replacement of windows and connected adjacent work.
   1. Windows: Manufacturer shall warrant for five years against defects in material and workmanship under normal use.
   2. Insulating Glass Units: Glass manufacturer shall warrant seal for ten years against visual obstruction from film formation or moisture collection between internal glass surfaces, excluding that caused by glass breakage or abuse.
   3. Powder Paint Finish: Finish conforming to AAMA 2605 shall be warranted for twenty years against checking, cracking, chalking, or fading.
   4. Duranar Sunstorm Coating: Manufacturer's 20 year warranty commencing on the substantial date of completion for the project.

PART 2 PRODUCTS

2.1 WINDOW AND DOOR SYSTEMS

A. Basis-of-Design Product: YKK YOW 350 XT window system and YKK AP Series 35XT Medium Stile Entrance Doors.

B. Basis-of-Design for Window Type 6A and 6B: Operable Window System: YKK AP YES SSG TU Vent Operable Aluminum Window System. Fixed Window, Storefront System: YKK AP YES 45 TU Front Set Storefront System.

2.2 MATERIALS AND PRODUCTS

A. Aluminum Extrusions: Alloy and temper recommended by aluminum window manufacturer for strength, corrosion resistance, and application of required. Meet ASTM B 221 (ASTM B 221M) for Aluminum Alloy.
   1. Aluminum Sheet Painted Finish: ASTM B 209 (ASTM B 209M), 3003-H14 Aluminum Alloy, 0.080" (1.95 mm) minimum thickness.

B. Thermal Barrier: The thermal barrier shall consist of integral structural thermal break made with glass-reinforced nylon strips installed continuously and mechanically bonded to the aluminum.
   1. Thermal Barrier Window Types 6A and 6B: Provide continuous thermal barrier by means of a poured and debridged pocket consisting of a two-part, chemically curing high density polyurethane which is bonded to the aluminum by YKK ThermaBond Plus®. Systems employing non-structural thermal barriers are not acceptable.

C. Fasteners: Aluminum, nonmagnetic stainless steel or other materials to be non-corrosive and compatible with aluminum window members, trim, hardware, anchors, and other components.

D. Anchors, Clips, and Accessories: Aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron complying with ASTM B 633 for SC3 severe service conditions; provide sufficientstrength to withstand design pressure indicated.

E. Reinforcing Members: Aluminum, nonmagnetic stainless steel, or nickel/chrome-plated steel complying with ASTM B 456 for Type SC3 severe service conditions, or zinc-coated steel oriron complying with ASTM B 633 for SC3 severe service conditions; provide sufficient strength to withstand design pressure indicated.

F. Sealant: For sealants required within fabricated windows, provide window manufacturer's standard, permanently elastic, non-shrinking, and nonmigrating type recommended by sealant manufacturer for joint size and movement. Complying with ASTM 803.3.

G. Sill Flashing: 0.050 Aluminum Sill Flashing End Dams must have 3 point attachment.

H. Screens: Provide aluminum mesh screens at operable windows.

2.3 GLAZING

A. Glass shall be as indicated on schedules on Drawings and in accordance with requirements of Section 08 81 00.

B. Factory glaze windows and doors.
1. Glazing: Setting blocks, edge blocks, and spacers in accordance with ASTM C 864, shore durometer hardness as recommended by manufacturer.

2.4 FABRICATION

A. Fabricate windows and doors to be truly straight, plumb, level and square, within tolerances permitted by reference standard.

B. Fabricate work to sizes, shapes, and profiles indicated on Contract Documents and approved shop drawings.

C. Fabricate work with uniform, tight hairline joints, free from sharp edges.

D. Provide manufacturer's structural thermal break made with glass reinforced nylon strips installed continuously and mechanically bonded to the aluminum frame. Comply with AAMA TIR A8. Fabricate frames to prevent water from coming in contact with sealed edges ofinsulating glass.

E. Windows shall be re-glazable without dismantling sash or framing.

2.5 HARDWARE

A. General: Provide manufacturer's standard hardware fabricated from aluminum, stainlesssteel, or other corrosion-resistant material compatible with aluminum; designed to smoothly operate,

tightly close, and securely lock aluminum windows, and sized to accommodate sash weight and dimensions.

B. Dual Action Window Typical Hardware:
   1. Concealed Handle: Handle to be concealed within the sash stile; First motion turns inward, second motion tilt inward.
   2. Handle Finish: Painted to match interior window color.
   3. Hinges: Concealed Stainless Steel Hinges.

C. Casement Outswing and Project Out Hardware:
   1. Standard concealed stainless steel 4 bar hinges
   2. Cam handles and strikes (color to be selected)
   3. Black nylon snubbers

D. Swing Door Typical Hardware:
   1. Hinges
   2. Mortise Lockset (exit only) with interior egress trim, no trim at exterior.
   3. Closer
   4. Door Stop
   5. Threshold
   6. Weather Seals
   7. Position Switch (Supplied by Security Vendor)
   8. Cylinder - compatible with building standard.

2.6 INFILL PANELS

A. Aluminum faced insulated rigid mineral fiber core infill panels. Faces to be .050 aluminum, smooth surface, finish color as selected by Architect. Panels to be glazed into window frame.

2.6 CLOSURES AND TRIM

A. Provide aluminum trim at perimeter of window assemblies to provide closures and transition to adjacent materials. Match profiles shown on Drawings and approved shop drawings. Where possible, utilize extruded materials in required profiles. Provide custom brake formed materials where standard extrusion profiles are not available. Faces to be .050 aluminum, smooth surface, finish color as selected by Architect. Edges shall be returned and providesufficient surface for sealants.

B. Corner caps: Provide brake metal corner caps to profiles shown on the drawings. Return all edges into joints to depth of sheathing. Fully adhere corner caps to sheathing substrate. Fabricate without visible oil canning, buckling, tool marks or other defects. Set true to line with no exposed fasteners.

2.7 FINISH

A. Finish: AAMA 2605, Coating: Superior Performance Powder coating: One-coat dry system with resin containing 70% fluoropolymer; thermosetting:
   1. Color as indicated on finish schedule and to match Architect's sample.

B. Finish for Type 6A and 6B Windows: AAMA 2605 Coating, Basis-of-Design: PPG Duranar Sunstorm, Color: UC102662F Medium Gray, match Architect's sample.

PART 3 EXECUTION

3.1 INSPECTION

A. The Installer/Erector shall examine substrates, supports, and conditions detrimental to the proper completion of the work. Do not proceed with work until unsatisfactory conditions are corrected. Beginning of installation will be construed as installer accepting substrates and conditions.

3.2 PREPARATION

A. Adjacent Surfaces Protection: Protect adjacent work areas and finish surfaces from damage during product installation.

3.3 INSTALLATION

A. General Installation Requirements: Strictly comply with manufacturer's instructions and recommendations, except where more restrictive requirements are specified in this section.

B. Installation: Install window units plumb, level, in alignment and plane without warp or rack. Anchor securely in place. Install trim and closure materials, including corner cap panels at outside building corners, to provide complete assemblies and transition to adjacent materials.

1. Protect aluminum members in contact with masonry, steel, concrete, or dissimilar materials.
2. Shim and brace aluminum system before anchoring to structure.
3. Locate expansion mullions where indicated on reviewed shop drawings.

C. Dissimilar Materials: Isolate all dissimilar metals. Comply with ANSI/AAMA 101, Appendix.

D. Sealants: Install sills and subframes in a thick bed of sealant. Comply with applicable requirements of Section 07 92 00, Joint Sealers.

E. Flashing: Coordinate with flashing installation to ensure weathertight construction and assembly. Thoroughly seal all penetrations through flashings with thick bed of sealant. Comply with applicable requirements of Section 07 60 00, Flashing and Sheet Metal.

F. Air barriers: Coordinate with air barrier installation to ensure proper termination for continuous barrier.

3.4 TOLERANCES

A. The following allowable installed tolerances are allowable variations from locations and dimensions indicated by the Contract Documents. Do not add these tolerances to any allowable tolerances indicated for other work.

1. Allowable Variation from True Plumb, Line and Level: ± 1/8 in. in 20 ft.-0 in.

3.5 FIELD QUALITY CONTROL

A. Manufacturer's Field Services: Upon request, provide manufacturer's field service consisting of site visit for inspection of product installation in accordance with manufacturer's instructions.

B. Field Test: Conduct field test to determine watertightness of window system. Conduct test in accordance with AAMA 502.

3.6 ADJUSTING, CLEANING, TOUCH-UP, AND PROTECTION

A. Clean exposed surfaces using manufacturer recommended materials and methods. Remove and replace work which cannot be successfully cleaned.

B. Touch-up damaged coatings and finishes. Eliminate all visible evidence of repair.

C. Provide temporary protection at all times during the course of the work, and immediately after completion to ensure the work of this Section is not damaged or deteriorated in any way at time of final acceptance. Remove temporary protections and reclean as necessary immediately prior to final acceptance.

END OF SECTION

SECTION 08 35 13

INTERIOR GLASS WALL/DOOR SYSTEM

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 DESCRIPTION OF WORK

A. The work of this section includes, but is not limited to, the following:

1. Aluminum framed sliding/folding glass wall systems, including frame, threshold, door panels, sliding/folding/swing and locking hardware, weather stripping, glass and glazing; with sizes and configurations as shown on drawings.

1.3 RELATED WORK

A. Examine Contract Documents for requirements that affect work of this Section. Other Specification Sections that relate directly to work of this Section include, but are not limited to:

1. Section 05 50 00 - Metal Fabrications
2. Section 08 71 00 - Door Hardware: Hardware items other than specified in this section
3. Section 08 81 00 - Glazing: Glass and glazing accessories

1.4 SUBMITTALS

A. Product Data: Manufacturer's literature including independently tested data listing performance criteria and Owner's Manual with installation instructions.

B. Shop Drawings: Indicate dimensioning, direction of swing, configuration, swing panels, typical head jamb, side jambs and sill details, type of glazing material, and handle height.

C. Hardware Schedule: Complete itemization of each item of hardware to be provided for each panel, cross-referenced to panel identification numbers in Contract Documents.

D. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing aluminum framed bi-folding glass wall systems with a minimum three years of documented experience. Single source manufacturer..

B. Installer Qualifications: Installer experienced in the installation of manufacturer's products or other similar products for large openings. Installer to provide reference list of at least 3 projects of similar scale and complexity successfully completed in the last 3 years.

C. Performance Requirements: Provide from manufacturer that has independently tested typical units.

1.6 WARRANTY

A. Provide manufacturer's warranty against defects in materials and workmanship. Warranty Period: Three years from date of substantial completion.

1.7 DELIVERY, STORAGE AND HANDLING

A. Deliver materials and products in unopened factory labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from damage. Sequence deliveries to avoid delays, but minimize on-site storage.

1.8 COORDINATION

A. Conference: Convene a pre-installation conference to establish procedures to coordinate this work with related and adjacent work.

B. Coordination: Furnish inserts and anchors which must be built into other work. Work closely with installers of finish materials, so that doors are aligned and installed flush with adjacent finishes.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis of design: Design is based on products manufactured by U.S. Aluminum, a C.R. Laurence Company (CRL).
   1. Bi-folding stacking operable wall: The Monterey S55 Series
   2. Bi-parting sliding pocket door/operable wall: Series 2000
   3. Fixed lite glazing panels: Series 487-AR

2.2 MATERIALS AND PRODUCTS

A. Frame and Panels: From manufacturer's standard profiles, provide head track, side jambs, and panels with dimensions shown on drawings.
   1. Provide panels with: Standard one lite as shown on drawings].
   2. Provide standard bottom rail.
   3. Aluminum Extrusion: Extrusions with nominal thickness of .078" minimum. Anodized

conforming to AAMA 611 or powder coated conforming to AAMA 2604.

4. Aluminum Finish: satin clear anodized.

B. Glass:

1. All glass to comply with safety glazing requirements of ANSI Z97.1 and CPSC 16CFR 1201. Provide manufacturer's standard glass with dry glazing with glass stops on the inside only: **Sealed double glazed with 1/4 inch (6 mm) clear monolithic tempered lites each side of 1/2 inch air space.**

C. Locking Hardware and Handles:

1. Manufacturer's standard three point lock with lever handles on the inside and outside with keyed cylinder outside and thumb turn inside.]

D. Sliding/Folding Hardware: Provide manufacturer's standard combination sliding and folding hardware with top and bottom tracks and threshold.

E. Adjustment: Provide system capable of adjustments without removing panels from tracks.

F. Other Components:

1. Weather stripping: Provide manufacturer's standard non-broken EPDM seals between panels, and between panel and frame.

2.3 FABRICATION

A. Use extruded aluminum frame and panel profiles with hinges, sliding, and folding hardware, locking hardware and handles, glass and glazing and weather stripping as specified herein to make a folding glass wall. Factory pre-assemble as is standard for manufacturer and ship with all components and installation instructions.

B. Sizes and Configurations: See drawings for selected custom dimensions. See drawings for selected number of panels and configuration. Provide each assembly manufactured as a complete unit, ready for installation with all necessary parts.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Strictly comply with manufacturer's instructions and recommendations, except where more restrictive requirements are specified in this section. Beginning work means Installer accepts substrates and conditions.

B. Coordinate installation with related and adjacent work. Set frames accurately into position and securely fasten truly plumb and level and in proper alignment with adjacent finishes. Set doors so that frames are in full contact with surrounding construction on entire perimeter.

C. Attach to structure to permit sufficient adjustment to accommodate construction tolerances

and other irregularities.

D. Provide alignment attachments and shims to permanently fasten system to building structure.

E. Align assembly plumb and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.
   1. Maximum Variation from Plumb: 0.06 inches every 3 ft (1.5 mm/m) non-cumulative or 1/16 inches per 10 ft (1.5 mm/3 m), whichever is less.
   2. Maximum Misalignment of Two Adjoining Members Abutting in Plane: 1/32 inch (0.8 mm).

F. Install glass and infill panels in accordance with Section 08 8100, using glazing method required to achieve performance criteria.

G. Install perimeter sealant in accordance with Section 07 92 00.

3.2 ADJUSTING, CLEANING, & PROTECTION

A. Adjust operating parts to work easily, smoothly, and correctly.

B. Touch-up damaged coatings and finishes to eliminate evidence of repair.

C. Repair minor damage to eliminate all evidence of repair. Remove and replace work which cannot be satisfactorily repaired.

D. Clean exposed surfaces using materials and methods recommended by manufacturer of material or product being cleaned. Remove and replace work that cannot be successfully cleaned.

END OF SECTION

SECTION 08 81 00

GLASS AND GLAZING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Provide glazing materials and installation components and accessories where scheduled, as shown on the drawings and specified in this section.

1.3 PERFORMANCE REQUIREMENTS

A. General: Provide glazing systems capable of withstanding normal, and specified movement and impact loads (where applicable) without failure, including loss or glass breakage attributable to the following: defective manufacture, and/or product imperfections, fabrication, and installation; failure of sealants or gaskets; and other defects in construction.

B. Work shall conform to the most current edition of following standards and codes. Where contradictory requirements are found between standards and/or codes and/or this specification, the more stringent requirement shall govern unless otherwise stated by the Architect.
   1. New York State Building Code
   2. ANSI Z97.1 American Nation Standard for Safety Glazing Materials Used in Buildings
   3. GANA Glass Association of North America Glazing Manual

C. Glass Thickness: Select minimum glass thickness to comply with ASTM E 1300.

D. Minimum thickness of glass lites, whether annealed or heat treated, are to be selected so that the worst case probability of failure does not exceed the percentages listed in the State Building Code.

1.4 SUBMITTALS

A. Product Data: For each glass product and glazing material indicated.

B. Product Certificates: Signed by manufacturers of glass and glazing products certifying that products furnished comply with requirements.

1.5 QUALITY ASSURANCE

A. Source Limitations for Clear Glass: Obtain clear float glass from one primary-glass manufacturer.

   1. Fabricator to have minimum 5 years experience.

B. Source Limitations for Laminated Glass: Obtain laminated-glass units from one manufacturer using the same type of glass lites and interlayers for each type of unit indicated.

C. Source Limitations for Glazing Accessories: Obtain glazing accessories from one source for each product and installation method indicated.

D. Shooter/Attack Glass: Where indicated provide certified Shooter/Attack Glass with UL verified testing following National Safety Security Protection Association protocols.

E. Safety Glass: Category II materials complying with testing requirements in 16 CFR 1201 and ANSI Z97.1.

F. Provide safety glass where required to satisfy structural requirements, resist human impact loads and as otherwise required by Codes and Standards. Glass panels subject to human impact loads include glass in doors, fixed panels in windows and doors that may be mistaken for means of egress or ingress, where lowest point of panel is less than 18” above finished floor and minimum panel dimension is larger than 18”.

G. Glazing Publications: Comply with published recommendations of glass product manufacturers and organizations below, unless more stringent requirements are indicated. Refer to these publications for glazing terms not otherwise defined in this Section or in referenced standards.
   1. GANA Publications: GANA'S "Glazing Manual" and "Laminated Glass Design Guide."
   2. SIGMA Publications: SIGMA TM-3000, "Vertical Glazing Guidelines

1.6 DELIVERY, STORAGE, AND HANDLING

A. Protect glazing materials according to manufacturer's written instructions and as needed to prevent damage to glass and glazing materials from condensation, temperature changes, direct exposure to sun, or other causes.

1.7 PROJECT CONDITIONS

A. Environmental Limitations: Do not proceed with glazing when ambient and substrate temperature conditions are outside limits permitted by glazing material manufacturers.

1.8 WARRANTY

A. General Warranty: Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

B. Manufacturer's Special Warranty on Laminated Glass: Written warranty, made out to Owner and signed by laminated-glass manufacturer agreeing to furnish replacements for laminated-glass units that deteriorate as defined in "Definitions" Article, delivered to a secure location on site, within specified warranty period indicated below.

   1. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 GLAZING SYSTEMS, GENERAL

A. Unless specific products are designated as proprietary, it is intended that each type of glazing system be selected by the fabricator for the individual systems for doors.

2.2 PRIMARY FLOAT GLASS

A. Low Iron Float Glass: Starphire Ultra Clear or equal, ASTM C 1036, Type I (ultra clear transparent glass, flat), Quality q3 (glazing select); Class 1.

2.3 HEAT STRENGTHENED, AND FULLY TEMPERED GLASS

A. General: Glass which has been heat treated horizontally; maintain roller marks running horizontally in the final installation whenever possible. For glass which has been heat treated vertically¸ locate tong marks along an edge, oriented in the same direction which will be concealed in the glazing system.

1. Overall Bold and warp tolerances: Heat treated glass shall be examined by the glass manufacturer to detect and discard any lites which exceed 50% maximum bow in any direction, as listed ASTM C1048 Tables.
2. Roll ripple tolerances: Where heat treatment process results in essentially parallel ripples of waves, the deviation from flatness at any peak shall not exceed 0.005 inches.
3. Quench marks to shall be consistently oriented horizontally.
4. Incorporate the heat soak process to control nickel sulfide inclusions and reduce risk of spontaneous breakage of installed glass. Heat soaking shall be performed per EN 14179-1:2005– European Heat Soaking Standard.
5. Comply with ASTM C 1048; Type I (transparent glass, flat); Quality q3 (glazing select); class, kind, and condition as indicated in schedules at the end of Part 3.

2.4 LAMINATED GLASS

A. Laminated Glass: Comply with ASTM C 1172 for kinds of laminated glass indicated and other requirements specified.

B. Interlayer: Interlayer material as indicated below, clear or in colors, and of thickness indicated with a proven record of no tendency to bubble, discolor, or lose physical and mechanical properties after laminating glass lites and installation.

1. Interlayer Material: Polyvinyl butyral sheets.
2. Laminate material at edges, not to be exposed to UV light or deterioration
3. Laminate lites with polyvinyl butyral interlayer in autoclave with heat plus pressure.

C. Safety glass shall have permanent marking sandblasted or ceramic frit logo.

2.5 SHOOTER/ATTACK GLASS

A. Provide Armoured One Shooter Attack Glass or approved equal consisting of three lites of glass with security interlayers and surface security film. Provide 5/8" and 1" thick products with ratings indicated on Drawings.

B. Provide manufacturer's recommended glazing adhesives to achieve indicated ratings.

2.6 GLASS SCHEDULE

A. General: the following descriptions include minimum thicknesses and strengths of glass required and interspace gas. Where thicker or stronger glass, or argon gas fill is required to meet the performance criteria herein, including acoustic performance, wind loads and thermal stress it shall be provided by the contractor at no additional cost. “Types” indicated below refer to acoustic performance requirements.

B. Safety Glass: The glass types in this schedule shall be modified to include Fully Tempered (FT) safety glass where indicated and at doors and locations where edge of glass is within 18” of surface used by pedestrians.

C. Glass Types:
1. 3/8" LAMINATED SAFETY GLASS
    a. Inner Lite: 3/16” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    b. PVB innerlayer
    c. Outer Lite: 1/8” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
2. 5/8" (45 Minute Fire Rated) SHOOTER ATTACK GLASS
    a. Inner Lite: 1/8” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    b. Fire rated ballistic PVB innerlayer
    c. Center Lite: 5/16” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    d. Fire rated ballistic PVB innerlayer
    e. Outer Lite: 1/8” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    f. Outer surface ballistic security film.
3. 1" (90 Minute Fire Rated) SHOOTER ATTACK GLASS
    a. Inner Lite: 1/4” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    b. Fire rated ballistic PVB innerlayer
    c. Center Lite: 7/16” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    d. Fire rated ballistic PVB innerlayer
    e. Outer Lite: 1/4” Type I (transparent glass, flat) Class 1, clear, float glass. Kind HS (heat strengthened) or FT (fully tempered)
    f. Outer surface ballistic security film.
4. Double-Glazed Sputter-Coated Insulating Glass Units: ASTM E 2190.
    a. Outboard Lite: Sputter-coated clear float glass.
        1) Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
        2) Vacuum Deposition Sputtered Coating: ASTM C 1376.

3) Coating on Surface No. 2: SunGuard SuperNeutral 68 (SN 68).
4) Glass Thickness: 6 mm (1/4 inch).
5) Heat Treatment: None

b. Air Space: 12 mm (1/2 inch) wide, hermetically sealed, dehydrated air space.

c. Inboard Lite: Guardian Clear float glass.
1) Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
2) Glass Thickness: 6 mm (1/4 inch).
3) Heat-Treatment: Tempered; ASTM C 1048, Kind FT; CPSC 16CFR-1201;
4) ANSI Z 97.1.

d. 5. Glass Unit Performance Characteristics:
1) Visible Light Transmittance: 68 percent
2) Visible Light Reflectance Outdoors: 11 percent
3) Direct Solar Energy Transmittance: 33 percent
4) Direct Solar Energy Reflectance Outdoors: 33 percent
5) Winter U-Value Nighttime: 0.29
6) Summer U-Value Daytime: 0.28
7) Solar Heat Gain Coefficient: 0.38
8) Summer Relative Heat Gain: 90

e. Edge Seals: ASTM E 2188, with aluminum spacers, dual-sealed with a primary seal of polyisobutylene and a secondary seal of silicone sealant for glass to spacer seals.

5. Double-Glazed Interior Glass Units: ASTM E 2190.

a. Outboard Lite: Clear float glass.
1) Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
2) Glass Thickness: 6 mm (1/4 inch).
3) Heat-Treatment: Tempered; ASTM C 1048, Kind FT; CPSC 16CFR-1201;
4) ANSI Z 97.1.

b. Air Space: 12 mm (1/2 inch) wide, hermetically sealed, dehydrated air space.

c. Inboard Lite: Clear float glass.
1) Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
2) Glass Thickness: 6 mm (1/4 inch).
3) Heat-Treatment: Tempered; ASTM C 1048, Kind FT; CPSC 16CFR-1201;
4) ANSI Z 97.1.

d. Edge Seals: ASTM E 2188, with aluminum spacers, dual-sealed with a primary seal of polyisobutylene and a secondary seal of silicone sealant for glass to spacer seals.

2.7 GLAZING SEALANT

A. Medium-Modulus Neutral-Curing Silicone Glazing Sealant: Provide products complying with the following:

1. Products: Provide the following, or equal as approved by the architect:
a. Dow 795 Dow Corning.
b. GE Silpruf SCS2000
c. Pecora 895 NST
2. Type and Grade: S (single component) and NS (nonsag).
3. Class: 25.

4. Use Related to Exposure: NT (nontraffic).
5. Uses Related to Glazing Substrates: M, G, A, and, as applicable to glazing substrates indicated, O.
    a. Use O Glazing Substrates: Coated glass, color anodic aluminum, aluminum coated with a high-performance coating.
6. Applications: General glazing applications, particularly those for large lights and similar applications where additional movement capability is required.

B. For Shooter Attack Glass Applications, provide glass manufacturer's propritery formulation to maintain required ratings.

2.8 GLAZING TAPES

A. Back-Bedding Mastic Glazing Tape: Preformed, butyl-based, (silicone sealant at all butyl tape exposed to UV light) elastomeric tape with a solids content of 100 percent; non-staining and non-migrating in contact with nonporous surfaces; with or without spacer rod as recommended in writing by tape and glass manufacturers for application indicated; packaged on rolls with a release paper backing; and complying with ASTM C 1281 and AAMA 800 for products indicated below:

1. AAMA 804.3 tape, where interior use where indicated.
2. AAMA 806.3 tape, for general glazing applications, all exterior and applications in which tape is subject to continuous pressure.
3. Alternate: Silicone tape.

2.9 MISCELLANEOUS GLAZING MATERIALS

A. General: Provide products of material, size, and shape complying with referenced glazing standard, requirements of manufacturers of glass and other glazing materials for application indicated, and with a proven record of compatibility with surfaces contacted in installation.

B. Cleaners, Primers, and Sealants: Types recommended by sealant or gasket manufacturer.

C. Setting Blocks: Silicone with a Shore A durometer hardness of 85, plus or minus 5.

D. Spacers: Silicone blocks or continuous extrusions with a Shore A durometer hardness required by glass manufacturer to maintain glass lites in place for installation indicated.

E. Edge Blocks: Silicone material of hardness needed to limit glass lateral movement (side walking), 50+/- Shore Durometer hardness.

2.10 FABRICATION OF GLASS AND OTHER GLAZING PRODUCTS

A. Fabricate glass and other glazing products in sizes required to glaze openings indicated for Project, with edge and face clearances, edge and surface conditions, and bite complying with written instructions of product manufacturer and referenced glazing standard, to comply with system performance requirements.

PART 3 - EXECUTION

3.1 PREPARATION

A. Clean glazing channels and other framing members receiving glass immediately before glazing. Remove coatings not firmly bonded to substrates.

3.2 GLAZING, GENERAL

A. Comply with combined written instructions of manufacturers of glass, sealants, gaskets, and other glazing materials, unless more stringent requirements are indicated, including those in referenced glazing publications.

B. Glazing channel dimensions, as indicated on drawings, provide necessary bite on glass, minimum edge and face clearances, and adequate sealant thickness, with reasonable tolerances. Adjust and correct s required by project conditions during installation.

C. Protect glass edges from damage during handling and installation. Remove damaged glass from Project site and legally dispose of off Project site. Damaged glass is glass with edge damage or other imperfections that, when installed, could weaken glass and impair performance and appearance.

D. Apply cleaners and primers to joint surfaces where required application and for adhesion of sealants, as determined by pre-construction sealant-substrate testing.

E. Install setting blocks in sill rabbets, sized and located to comply with referenced glazing publications, unless otherwise required by glass manufacturer. Set blocks in thin course of compatible sealant suitable for heel bead. Install at 1/4 points unless otherwise instructed by the glass manufacturer.

F. Do not exceed edge pressures stipulated by glass manufacturers for installing glass lites.

G. Stops: Install and secure as indicated, after glazing has been set in frame. Do not exert excess force no glazing and spacers.

3.3 GASKET GLAZING (DRY)

A. Insert soft and hard compression gasket between glass and frame or fixed stop so it is securely in place with joints miter cut and bonded together at corners with joint seals and/or molded, welded corners.

B. Center glass lites in openings on setting blocks and press firmly against soft compression gasket by inserting dense compression gaskets formed and installed to lock in place against faces of removable stops. Start gasket applications at corners and work toward centers of openings. Compress gaskets to produce a weather tight seal without developing bending stresses in glass. Seal gasket joints with sealant recommended by gasket manufacturer. Seal horizontal and vertical metal extrusion to receive gasket at all corners.

C. Install gaskets so they protrude past face of glazing stops.

3.4 SEALANT GLAZING (WET)

A. Install continuous spacers, or spacers combined with cylindrical sealant backing, between glass lites and glazing stops to maintain glass face clearances and to prevent sealant from extruding into glass channel and blocking weep systems until sealants cure. Secure spacers or spacers and backings in place and in position to control depth of installed sealant relative to edge clearance for optimum sealant performance.

B. Force sealants into glazing channels to eliminate voids and to ensure complete wetting or bond of sealant to glass and channel surfaces.

C. Tool exposed surfaces of sealants to provide a substantial wash away from glass.

3.5 PROTECTION AND CLEANING

A. Remove and replace glass that is broken, chipped, cracked, or abraded.

B. Wash glass on both exposed surfaces in each area of Project not more than four days before date scheduled for inspections that establish date of Substantial Completion. Wash glass as recommended by glass manufacturer and GANA guidelines. Do not use razor blades, scrapers or other metal tools to clean glass.

END OF SECTION 08 81 00