

THE SCHOOL DISTRICT OF PHILADELPHIA
Office of Capital Programs
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Philadelphia, PA 19130

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Addendum No. 001

Subject: 2020 Classroom Modernizations
SDP Contract Numbers: B-031 C of 19/20 & B-033 C of 19/20

Location: John Marshall School
4500 Griscom St, Philadelphia PA 19124

This Addendum, dated March 6, 2020, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

1. ADD THE ATTACHED LEAD SAFE CERTIFICATION ASSESSMENT REPORT (SCOPE OF WORK DETAIL) AND FLOOR PLAN LAYOUTS TO PART B- TECHNICAL SPECIFICATIONS FOR PAINT AND PLASTER REPAIRS

2. REVISIONS TO SPECIFICATIONS

A. GENERAL

CLARIFICATION – Any/all scope dictated in the Asbestos Inspection Report specification and/or the Paint and Plaster specification (where applicable) shall utilize the proposed finishes as indicated on the Color Scheme Schedule within the Classroom Modernization drawings. All color selections and locations shall be approved by the architect.

B. TECHNICAL SPECIFICATIONS

SPECIFICATION 262416 – PANELBOARDS

1. ADD specification in its entirety.

SPECIFICATION 275313 – WIRELESS CLOCK SYSTEM

1. REVISE 2.2.H. to read “H. Basis of Design: Sapling Inc. SMA ~~2000~~ **3000** Series Master Clock (V8.1), Wireless Clock System. [Addendum No. 1].”

3. REVISIONS TO DRAWINGS

A. COVER SHEETS

DRAWING CS.1 – COVER SHEET

1. ADD deed address to read “1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600.”

DRAWING CS.2 – GENERAL INFORMATION

1. REVISE Gypsum Wall Board Location Schedule to read at Cementitious Backer Unit “AT WALLS SCHEDULED TO RECEIVE CERAMIC TILE.”
2. ADD interior stud wall type “S3”.

B. ARCHITECTURAL DRAWINGS

DRAWING D1.1 – OVERALL FIRST FLOOR DEMOLITION PLAN

1. CLARIFICATION of floor demolition in Kindergarten Classroom-107 as indicated on drawings.
2. ADD existing refrigerator to plan at kitchenette in Special Education (AS)-102.
3. REVISE existing tiered coat system to be demolished per demolition note 7A in kindergarten Classrooms-104, 106 and 107 as indicated on drawings.
4. REVISE demolition note 8A to read “EXISTING WOOD TRIM THROUGHOUT ENTIRE ROOM INCLUDING, BUT NOT LIMITED TO BASE, DOOR, CROWN MOLDING, WINDOW TRIM AND INTERMITTENT WOOD MULLIONS, SHALL BE STRIPPED OF ANY NAILS, STAPLES, TAPE, AND ETC. SAND AND PATCH ANY PENETRATIONS AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.”

DRAWING D1.2 – OVERALL SECOND FLOOR DEMOLITION PLAN

1. REVISE demolition note 8A to read “EXISTING WOOD TRIM THROUGHOUT ENTIRE ROOM INCLUDING, BUT NOT LIMITED TO BASE, DOOR, CROWN MOLDING, WINDOW TRIM AND INTERMITTENT WOOD MULLIONS, SHALL BE STRIPPED OF ANY NAILS, STAPLES, TAPE, AND ETC. SAND AND PATCH ANY PENETRATIONS AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.”

DRAWING D1.3 – OVERALL THIRD FLOOR DEMOLITION PLAN

1. REVISE demolition note 8A to read “EXISTING WOOD TRIM THROUGHOUT ENTIRE ROOM INCLUDING, BUT NOT LIMITED TO BASE, DOOR, CROWN MOLDING, WINDOW TRIM AND INTERMITTENT WOOD MULLIONS, SHALL BE STRIPPED OF ANY NAILS, STAPLES, TAPE, AND ETC. SAND AND PATCH ANY PENETRATIONS AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.”

DRAWING A1.1 – OVERALL FIRST FLOOR PLAN

1. ADD wall section 9/A1.1.
2. ADD plan detail 10/A1.1.
3. REVISE new wall layout as indicated on drawings.
4. ADD interior stud wall type “S3” as indicated on drawings.

DRAWING A1.2 – OVERALL SECOND FLOOR PLAN

1. REVISE new wall layout as indicated on drawings.
2. ADD interior stud wall type “S3” as indicated on drawings.

DRAWING A1.3 – OVERALL THIRD FLOOR PLAN

1. REVISE new wall layout as indicated on drawings.
2. ADD interior stud wall type “S3” as indicated on drawings.

DRAWING A2.1 – OVERALL FIRST FLOOR REFLECTED CEILING PLAN

1. REVISE wall and bulkhead layout as indicated on drawings.

DRAWING A2.2 – OVERALL SECOND FLOOR REFLECTED CEILING PLAN

1. REVISE wall and bulkhead layout as indicated on drawings.

DRAWING A2.3 – OVERALL THIRD FLOOR REFLECTED CEILING PLAN

1. REVISE wall and bulkhead layout as indicated on drawings.

DRAWING A6.1 – ROOM FINISH & DOOR SCHEDULE

1. REVISE Room Finish Schedule column “COLOR SCHEME” at ROOMS 203, 204, 205 to correspond to Color Scheme “C”.
2. REVISE Room Finish Schedule column “COLOR SCHEME” at ROOMS 302, 303 to correspond to Color Scheme “D”.
3. REVISE Color Scheme Schedule – Color Scheme A to read as: “COLOR SCHEME A – KINDERGARTEN”.
 - a. REVISE item no. 6 to read as: “6. VINYL COMPOSITION TILE, ACCENT '2': ARMSTRONG, NO. 51947 BASIL GREEN”
 - b. ADD item no. 8 to read as: “8. VINYL BASE: JOHNSONITE, NO. 469 MYSTIFY”.
4. REVISE Color Scheme Schedule – Color Scheme B to read as: “COLOR SCHEME B – FIRST GRADE AND SPECIAL EDUCATION”.
 - a. REVISE item no. 3 to read as: “3. ACCENT PAINT 'B' TEACHING WALL: SHERWIN WILLIAMS, NO. SW6765 SPA”
 - b. REVISE item no. 5 to read as: “5. VINYL COMPOSITION TILE, ACCENT '1': ARMSTRONG, NO. 51927 FIELD GRAY”
 - c. REVISE item no. 6 to read as: “6. VINYL COMPOSITION TILE, ACCENT '2': ARMSTRONG, NO. 57509 LEMON LICK”
 - d. ADD item no. 8 to read as: “8. VINYL BASE: JOHNSONITE, NO. 469 MYSTIFY”.
5. REVISE Color Scheme Schedule – Color Scheme C to read as: “COLOR SCHEME C – SECOND GRADE”.
 - a. ADD Color Scheme Information for Color Scheme C.
6. REVISE Color Scheme Schedule – Color Scheme D to read as: “COLOR SCHEME D – THIRD GRADE”.
 - a. ADD Color Scheme Information for Color Scheme D.
7. REVISE Color Scheme Schedule – General Notes Item No. 7 to read as: “NOT USED”.
8. REVISED Room Finish Schedule column “CEILING FINISH” at ROOMS 102, 102A, 104, 106, 106A, 107, 107A, 202, 203, 204, 205, 302 to read as: “ETR”.

C. INTERIOR DRAWINGS

DRAWING I4.1 – LARGE SCALE LAYOUTS - KINDERGARTEN

9. REVISED Detail 1/I4.1 KINDERGARTEN, Kindergarten Classrooms 104 and 106 to include an Open Tall Storage Unit (tagged at 102) located at original door pocket alcove.
 - a. ADD note to read as “Provide filler trim around entire unit, typical. -See architectural detail for blocking locations.”.
10. REVISED Detail 1/I4.1 KINDERGARTEN, Toilet Room 103A, to indicate washer machine to be by owner and installed by GC.
11. ADD “102 OPEN TALL STORAGE” to I4.1 – GENERAL CASEWORK AND EQUIPMENT SCHEDULE.

DRAWING I4.2 – LARGE SCALE LAYOUTS – FIRST GRADE & SPECIAL EDUCATION

1. REVISED Detail 1/I4.2 FIRST GRADE, First Grade Classrooms 201 and 202 to include an Open Tall Storage Unit (tagged at 102) located at original door pocket alcove.
 - a. ADD note to read as “Provide filler trim around entire unit, typical. -See architectural detail for blocking locations.”.

2. REVISED Detail 2/I4.2 SPECIAL EDUCATION, Special Education Room (AS) 102, to indicate Refrigerator to be by owner and installed by GC.
3. REVISED Detail 2/I4.2 SPECIAL EDUCATION, Special Education Room (AS) 102, to indicate ADA Stove/Oven, Vent Hood to be by GC.
4. REVISED "101 2-DOOR TALL STORAGE" within I4.2 – GENERAL CASEWORK AND EQUIPMENT SCHEDULE, dimensions to read as: "27"W x 21"D x 84"H (VIF)".
5. ADD "102 OPEN TALL STORAGE" to I4.2 – GENERAL CASEWORK AND EQUIPMENT SCHEDULE.

DRAWING I4.3 – LARGE SCALE LAYOUTS – SECOND & THIRD GRADE

1. REVISED Detail 1/I4.3 SECOND GRADE, Second Grade Classrooms 203 and 204 to include an Open Tall Storage Unit (tagged at 102) located at original door pocket alcove.
 - a. ADD note to read as "Provide filler trim around entire unit, typical. -See architectural detail for blocking locations."
2. REVISED Detail 1/I4.3 THIRD GRADE, Third Grade Classrooms 302 and 303 to include an Open Tall Storage Unit (tagged at 102) located at original door pocket alcove.
 - a. ADD note to read as "Provide filler trim around entire unit, typical. -See architectural detail for blocking locations."
3. ADD "102 OPEN TALL STORAGE" to I4.3 – GENERAL CASEWORK AND EQUIPMENT SCHEDULE.

DRAWING I4.4 – INTERIOR ELEVATIONS

1. REVISED Detail F/I4.4 ALCOVE EXISTING COAT HOOKS AND NEW WALL CABINETS – TYPICAL to include an Open Tall Storage Unit (tagged at 102) located at original door pocket alcove.
 - a. ADD note to read as "NEW TALL STORAGE – SEE CASEWORK SCHEDULE".
2. REVISED Detail G/I4.4 SPECIAL EDUCATION CASEWORK – ROOM 102, to indicate Refrigerator to be by owner and installed by GC and to indicate ADA Stove/Oven, Vent Hood to be by GC.
3. REVISED Detail K/I4.4 ALCOVE EXISTING COAT HOOKS AND NEW WALL CABINETS – TYPICAL to include an Open Tall Storage Unit (tagged at 102) located at original door pocket alcove.
 - a. ADD note to read as "NEW TALL STORAGE – SEE CASEWORK SCHEDULE".

DRAWING I4.5 – INTERIOR CASEWORK DETAILS

1. REVISED Detail 6/I4.5 NEW WOOD TALL STORAGE DETAIL to include ceiling information, cabinet height (VIF) and notes relating to existing platform floor at alcove.
2. ADD Detail 8/I4.5 NEW WOOD OPEN TALL STORAGE DETAIL at new pocket door locations.

D. PLUMBING DRAWINGS

DRAWING MP0-1 - PLUMBING GENERAL NOTES, SYMBOLS & ABBREVIATIONS

1. REVISED sheet number.
2. ADDED unit heater schedule.

DRAWING MPD1-1 - PLUMBING FIRST FLOOR DEMOLITION PLAN

1. REVISED sheet number.
2. ADDED view of demolition of existing unit heater serving TOILET 103A & 104A and corresponding keynote 11.

DRAWING MP1-1 - PLUMBING FIRST FLOOR NEW WORK PLAN

1. REVISED sheet number.
2. ADDED view of installation of new unit heaters serving TOILET 103A & 104A and corresponding keynote 7.

E. ELECTRICAL DRAWINGS

DRAWING ED1-1 - ELECTRICAL FIRST FLOOR DEMOLITION PLAN

1. CLARIFY general note in larger font to read "ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/ CONDUIT AND CONDUCTORS IN EACH CLASSROOM."
2. REVISE keyed sheet note 9 to read "DISCONNECT AND REMOVE EXISTING 30A DISCONNECT SWITCH SERVING EXISTING TO BE DEMOLISHED UNIT HEATER IN RESTROOM 104A. CONTRACTOR RETAIN EXISTING CONDUIT TO FEED NEW UNIT HEATER DISCONNECT SWITCH. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION."

DRAWING ED1-2 - ELECTRICAL SECOND FLOOR DEMOLITION PLAN

1. CLARIFY general note in larger font to read "ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/ CONDUIT AND CONDUCTORS IN EACH CLASSROOM."

DRAWING ED1-3 - ELECTRICAL THIRD FLOOR DEMOLITION PLAN

1. CLARIFY general note in larger font to read "ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/ CONDUIT AND CONDUCTORS IN EACH CLASSROOM."

DRAWING E2-1 - ELECTRICAL FIRST FLOOR POWER & TECHNOLOGY PLAN

1. ADD general sheet note #6 to read "ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OFF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS."
2. REVISE data outlet locations and scope as indicated on the drawings per Charles Li's comments on 2/26/2020.
3. ADD new 30A disconnect switch and transformer to Classroom 104 for new space heater in Toilet 104A.
4. ADD new 30A disconnect switch and transformer to Classroom 103 for new space heater in Toilet 103A.
5. ADD keyed sheet notes #9 and #10 to specify scope of work for new space heaters in Toilets 103A and 104A.

DRAWING E2-2 - ELECTRICAL SECOND FLOOR POWER & TECHNOLOGY PLAN

1. ADD general sheet note #6 to read "ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OFF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS."
2. REVISE data outlet locations and scope as indicated on the drawings per Charles Li's comments on 2/26/2020.

DRAWING E2-3 - ELECTRICAL THIRD FLOOR POWER & TECHNOLOGY PLAN

1. REVISE data outlet locations and scope as indicated on the drawings per Charles Li's comments on 2/26/2020.

DRAWING E6-1 - ELECTRICAL PANEL SCHEDULES

1. REVISE circuiting and circuit descriptions based on floor plan updates.

4. BIDDER QUESTIONS SUBMITTED TO DATE & RESPONSES ARE AS FOLLOWS:

1. On the website, each school has an EC and GC bid. Who will be responsible for the HVAC and Plumbing work that is included?

Answer: There is no HVAC work in the project. Plumbing will be the responsibility of the GC.

2. Specifications call for Sapling Master 2000 Clock. Sapling 3000 is normally the school district standard. Manufacturer comment "a 3000 can set up bell schedules where a 2000 cannot. Philly schools does not have intercom systems, so they have no way of ringing bells without the 3000." Should the specs be revised to install a 3000?

Answer: Specification 275313 has been revised in this addendum. Refer to specification addendum section, above.

3. The specifications do not contain a specification for the electrical panels. Can you provide?

Answer: The specification has been added as part of this addendum.

4. Question not applicable to J. Marshall School.

5. Question not applicable to J. Marshall School.

6. Drawing D1.1, Demolition Note 9A states "*existing unit ventilator and/or radiator, radiator cover and all associated piping and components to be removed (as applicable) and refinished with electrostatic paint and reinstalled as scheduled. Clean unit ventilator and/or radiator and all associated components prior to reinstallation of cover.*" Is this the responsibility of the GC?

Answer: Yes, the refinishing and reinstallation of the radiator and/or radiator cover is the responsibility of the GC.

7. Question not applicable to J. Marshall School.

8. Question not applicable to J. Marshall School.

9. Drawings don't show S.S. Corner Guard locations. Please Clarify?

Answer: Per Specification 102600, Section 2.3.A.7, we have indicated corner guards to be received at three schools; John B. Kelly Elementary per drawings, Overbrook Educational Center per drawings, and Fox Chase Elementary per drawings.

ATTACHMENTS

SPECIFICATIONS

SPECIFICATION 262416 PANELBOARDS

DRAWINGS

DRAWING CS.2 GENERAL INFORMATION

DRAWING D1.1 OVERALL FIRST FLOOR DEMOLITION PLAN

DRAWING A1.1 OVERALL FIRST FLOOR PLAN

DRAWING A1.2 OVERALL SECOND FLOOR PLAN

DRAWING A1.3 OVERALL THIRD FLOOR PLAN

DRAWING A2.1 OVERALL FIRST FLOOR REFLECTED CEILING PLAN

DRAWING A2.2 OVERALL SECOND FLOOR REFLECTED CEILING PLAN

DRAWING A2.3 OVERALL THIRD FLOOR REFLECTED CEILING PLAN

DRAWING A6.1 ROOM FINISH & DOOR SCHEDULE

DRAWING I4.1 LARGE SCALE LAYOUTS – KINDERGARTEN

DRAWING I4.2 LARGE SCALE LAYOUTS – FIRST GRADE & SPECIAL EDUCATION

DRAWING I4.3 LARGE SCALE LAYOUTS – SECOND & THIRD GRADE

DRAWING I4.4 INTERIOR ELEVATIONS

DRAWING I4.5 INTERIOR CASEWORK DETAILS

DRAWING MP0-1 PLUMBING GENERAL NOTES, SYMBOLS & ABBREVIATIONS

DRAWING MPD1-1 PLUMBING FIRST FLOOR DEMOLITION PLAN

DRAWING MP1-1 PLUMBING FIRST FLOOR NEW WORK PLAN

DRAWING ED1-1 ELECTRICAL FIRST FLOOR DEMOLITION PLAN

DRAWING ED1-2 ELECTRICAL SECOND FLOOR DEMOLITION PLAN

DRAWING ED1-3 ELECTRICAL THIRD FLOOR DEMOLITION PLAN

DRAWING E2-1 ELECTRICAL FIRST FLOOR POWER & TECHNOLOGY PLAN

DRAWING E2-2 ELECTRICAL SECOND FLOOR POWER & TECHNOLOGY PLAN

DRAWING E2-3 ELECTRICAL THIRD FLOOR POWER & TECHNOLOGY PLAN

DRAWING E6-1 ELECTRICAL PANEL SCHEDULES

LEAD SAFE CERTIFICATION ASSESSMENT REPORT

ROOM LAYOUT DRAWINGS

END OF ADDENDUM #001

SECTION 262416 – PANELBOARDS [Addendum No. 1]

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. Section Includes:

- 1. Lighting and appliance branch-circuit panelboards.

1.3 DEFINITIONS

- A. ATS: Acceptance testing specification.
- B. GFCI: Ground-fault circuit interrupter.
- C. GFEP: Ground-fault equipment protection.
- D. MCCB: Molded-case circuit breaker.
- E. VPR: Voltage protection rating.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of panelboard.

- 1. Include materials, switching and overcurrent protective devices, SPDs, accessories, and components indicated.
- 2. Include dimensions and manufacturers' technical data on features, performance, electrical characteristics, ratings, and finishes.

- B. Shop Drawings: For each panelboard and related equipment.

- 1. Include dimensioned plans, elevations, sections, and details.
- 2. Show tabulations of installed devices with nameplates, conductor termination sizes, equipment features, and ratings.
- 3. Detail enclosure types including mounting and anchorage, environmental protection, knockouts, corner treatments, covers and doors, gaskets, hinges, and locks.
- 4. Detail bus configuration, current, and voltage ratings.
- 5. Short-circuit current rating of panelboards and overcurrent protective devices.
- 6. Detail features, characteristics, ratings, and factory settings of individual overcurrent protective devices and auxiliary components.
- 7. Include wiring diagrams for power, signal, and control wiring.

8. Key interlock scheme drawing and sequence of operations.
9. Include time-current coordination curves for each type and rating of overcurrent protective device included in panelboards. Submit on translucent log-log graph paper; include selectable ranges for each type of overcurrent protective device. Include an Internet link for electronic access to downloadable PDF of the coordination curves.

C. Contractor shall submit a "specifications compliance statement" for each manufactured piece of equipment. Contractor/Supplier shall add "redlined" line-by-line notations to a PDF of the Specifications Section indicating the product or actions required "complies". Contractor/Supplier shall itemize all deviations from the specified requirement on a line-by-line basis. List of exceptions to product specification shall include proposed materials, methods and cost difference where substitutions are allowed. If product does not comply with the specification the Contractor/Supplier shall state what modifications and actions are being implemented to ensure the product shall comply per the substitution section of the contract documents.

1.5 STATEMENT OF COMPLIANCE

A. Contractor shall submit a "specifications compliance statement" for each manufactured piece of equipment. Contractor/Supplier shall add "redlined" notations to a PDF of the Specifications Section indicating the product or actions required "complies". If product does not comply the Contractor/Supplier shall state what modifications and actions are being implemented to ensure the product shall comply per the substitution section of the contract documents.

1.6 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For testing agency.
- B. Panelboard Schedules: For installation in panelboards. Submit final versions after load balancing.

1.7 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For panelboards and components to include in emergency, operation, and maintenance manuals. In addition to items specified in other section for "Operation and Maintenance Data," include the following:
 1. Manufacturer's written instructions for testing and adjusting overcurrent protective devices.
 2. Time-current curves, including selectable ranges for each type of overcurrent protective device that allows adjustments.

1.8 QUALITY ASSURANCE

- A. Manufacturer Qualifications: ISO 9001 or 9002 certified.

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Remove loose packing and flammable materials from inside panelboards; install temporary electric heating (250 W per panelboard) to prevent condensation.
- B. Handle and prepare panelboards for installation according to NECA 407.

1.10 FIELD CONDITIONS

A. Environmental Limitations:

- 1. Do not deliver or install panelboards until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above panelboards is complete, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.
- 2. Rate equipment for continuous operation under the following conditions unless otherwise indicated:
 - a. Ambient Temperature: Not exceeding 23 deg F (minus 5 deg C) to plus 104 deg F (plus 40 deg C).
 - b. Altitude: Not exceeding 6600 feet (2000 m).

B. Service Conditions: NEMA PB 1, usual service conditions, as follows:

- 1. Ambient temperatures within limits specified.
- 2. Altitude not exceeding 6600 feet (2000 m).

C. Interruption of Existing Electric Service: Do not interrupt electric service to facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary electric service according to requirements indicated:

- 1. Notify Construction Manager no fewer than two days in advance of proposed interruption of electric service.
- 2. Do not proceed with interruption of electric service without Construction Manager's written permission.
- 3. Comply with NFPA 70E.

1.11 WARRANTY

A. Manufacturer's Warranty: Manufacturer agrees to repair or replace panelboards that fail in materials or workmanship within specified warranty period.

- 1. Panelboard Warranty Period: 18 months from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PANELBOARDS COMMON REQUIREMENTS

A. Fabricate and test panelboards according to IEEE 344 to withstand seismic forces defined in other section for "Seismic Controls for Electrical Systems."

- B. Product Selection for Restricted Space: Drawings indicate maximum dimensions for panelboards including clearances between panelboards and adjacent surfaces and other items. Comply with indicated maximum dimensions.
- C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- D. Comply with NEMA PB 1.
- E. Comply with NFPA 70.
- F. Enclosures: Flush and Surface-mounted, dead-front cabinets.
 - 1. Rated for environmental conditions at installed location.
 - a. Indoor Dry and Clean Locations: NEMA 250, Type 1.
 - b. Indoor Locations Subject to Dust, Falling Dirt, and Dripping Noncorrosive Liquids: NEMA 250, Type 5.
 - 2. Height: 84 inches (2.13 m) maximum.
 - 3. Hinged Front Cover: Entire front trim hinged to box and with standard door within hinged trim cover. Trims shall cover all live parts and shall have no exposed hardware.
 - 4. Gutter Extension and Barrier: Same gage and finish as panelboard enclosure; integral with enclosure body. Arrange to isolate individual panel sections.
 - 5. Finishes:
 - a. Panels and Trim: Steel, factory finished immediately after cleaning and pretreating with manufacturer's standard two-coat, baked-on finish consisting of prime coat and thermosetting topcoat.
 - b. Back Boxes: Same finish as panels and trim.
- G. Incoming Mains:
 - 1. Location: Top and Bottom.
 - 2. Main Breaker: Main lug interiors up to 400 amperes shall be field convertible to main breaker.
- H. Phase, Neutral, and Ground Buses:
 - 1. Material: Hard-drawn copper, 98 percent conductivity.
 - a. Plating shall run entire length of bus.
 - b. Bus shall be fully rated the entire length.
 - 2. Interiors shall be factory assembled into a unit. Replacing switching and protective devices shall not disturb adjacent units or require removing the main bus connectors.
 - 3. Equipment Ground Bus: Adequate for feeder and branch-circuit equipment grounding conductors; bonded to box.
 - 4. Full-Sized Neutral: Equipped with full-capacity bonding strap for service entrance applications. Mount electrically isolated from enclosure. Do not mount neutral bus in gutter.
- I. Conductor Connectors: Suitable for use with conductor material and sizes.

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1. Material: Hard-drawn copper, 98 percent conductivity.
 2. Terminations shall allow use of 75 deg C rated conductors without derating.
 3. Size: Lugs suitable for indicated conductor sizes, with additional gutter space, if required, for larger conductors.
 4. Main and Neutral Lugs: Mechanical type, with a lug on the neutral bar for each pole in the panelboard.
 5. Ground Lugs and Bus-Configured Terminators: Mechanical type, with a lug on the bar for each pole in the panelboard.
 6. Feed-Through Lugs: Mechanical type, suitable for use with conductor material. Locate at opposite end of bus from incoming lugs or main device.
 7. Subfeed (Double) Lugs: Mechanical type suitable for use with conductor material. Locate at same end of bus as incoming lugs or main device.
 8. Gutter-Tap Lugs: Mechanical type suitable for use with conductor material and with matching insulating covers. Locate at same end of bus as incoming lugs or main device.
- J. Future Devices: Panelboards or load centers shall have mounting brackets, bus connections, filler plates, and necessary appurtenances required for future installation of devices.
1. Percentage of Future Space Capacity: 20 percent.
- K. Panelboard Short-Circuit Current Rating: Match existing condition Ratings (Field coordinate).
- L. Panelboard Short-Circuit Current Rating: Fully rated to interrupt symmetrical short-circuit current available at terminals. Assembly listed by an NRTL for 100 percent interrupting capacity. However, if the short-circuit & coordination study requires higher AIC rating, then the contractor shall provide higher rated panels without any additional cost to the owners. It is highly recommended that short-circuit & coordination study be prepared prior to ordering the panels.
1. Panelboards and overcurrent protective devices rated 240 V or less shall have short-circuit ratings as shown on Drawings, but not less than 10,000 A rms symmetrical.
 2. Panelboards and overcurrent protective devices rated above 240 V and less than 600 V shall have short-circuit ratings as shown on Drawings, but not less than 14,000 A rms symmetrical.

2.2 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Panelboards shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.
1. The term "withstand" means "the unit will remain in place without separation of any parts from the device when subjected to the seismic forces specified."

2.3 LIGHTING AND APPLIANCE BRANCH-CIRCUIT PANELBOARDS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
1. Eaton.
 2. East coast Panelboard Inc.
 3. Square D; by Schneider Electric.

- B. Panelboards: NEMA PB 1, lighting and appliance branch-circuit type.
- C. Mains: Circuit breaker or lugs only.
- D. Branch Overcurrent Protective Devices: Bolt-on circuit breakers, replaceable without disturbing adjacent units.
- E. Doors: Door-in-door construction with concealed hinges; secured with multipoint latch with tumbler lock; keyed alike. Outer door shall permit full access to the panel interior. Inner door shall permit access to breaker operating handles and labeling, but current carrying terminals and bus shall remain concealed.

2.4 DISCONNECTING AND OVERCURRENT PROTECTIVE DEVICES

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Eaton.
 - 2. East coast Panelboard Inc.
 - 3. Square D; by Schneider Electric.
- B. MCCB: Comply with UL 489, with interrupting capacity to meet available fault currents.
 - 1. Thermal-Magnetic Circuit Breakers:
 - a. Inverse time-current element for low-level overloads.
 - b. Instantaneous magnetic trip element for short circuits.
 - c. Adjustable magnetic trip setting for circuit-breaker frame sizes 250 A and larger.
 - 2. GFCI Circuit Breakers: Single- and double-pole configurations with Class A ground-fault protection (6-mA trip).
 - 3. Subfeed Circuit Breakers: Vertically mounted.
 - 4. MCCB Features and Accessories:
 - a. Standard frame sizes, trip ratings, and number of poles.
 - b. Breaker handle indicates tripped status.
 - c. UL listed for reverse connection without restrictive line or load ratings.
 - d. Lugs: Mechanical style, suitable for number, size, trip ratings, and conductor materials.
 - e. Application Listing: Appropriate for application; Type SWD for switching fluorescent lighting loads.
 - f. Communication Capability: Circuit-breaker-mounted communication module with functions and features compatible with power monitoring and control system specified in other section for "Electrical Power Monitoring and Control."
 - g. Shunt Trip: 120-V trip coil energized from separate circuit, set to trip at 55 percent of rated voltage.
 - h. Undervoltage Trip: Set to operate at 35 to 75 percent of rated voltage without intentional time delay.
 - i. Auxiliary Contacts: One, SPDT switch with "a" and "b" contacts; "a" contacts mimic circuit-breaker contacts and "b" contacts operate in reverse of circuit-breaker contacts.
 - j. Alarm Switch: Single-pole, normally open contact that actuates only when circuit breaker trips.

- k. Multipole units enclosed in a single housing with a single handle or factory assembled to operate as a single unit.
- l. Handle Padlocking Device: Fixed attachment, for locking circuit-breaker handle in on or off position.
- m. Handle Clamp: Loose attachment, for holding circuit-breaker handle in on position.

2.5 IDENTIFICATION

- A. Panelboard Label: Manufacturer's name and trademark, voltage, amperage, number of phases, and number of poles shall be located on the interior of the panelboard door.
- B. Breaker Labels: Faceplate shall list current rating, UL and IEC certification standards, and AIC rating.
- C. Circuit Directory: Computer-generated circuit directory mounted inside panelboard door with transparent plastic protective cover.
 - 1. Circuit directory shall identify specific purpose with detail sufficient to distinguish it from all other circuits.

2.6 ACCESSORY COMPONENTS AND FEATURES

- A. Accessory Set: Include tools and miscellaneous items required for overcurrent protective device test, inspection, maintenance, and operation.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify actual conditions with field measurements prior to ordering panelboards to verify that equipment fits in allocated space in, and comply with, minimum required clearances specified in NFPA 70.
- B. Receive, inspect, handle, and store panelboards according to NECA 407.
- C. Examine panelboards before installation. Reject panelboards that are damaged, rusted, or have been subjected to water saturation.
- D. Examine elements and surfaces to receive panelboards for compliance with installation tolerances and other conditions affecting performance of the Work.
- E. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Coordinate layout and installation of panelboards and components with other construction that penetrates walls or is supported by them, including electrical and other types of equipment, raceways, piping, encumbrances to workspace clearance requirements, and adjacent

surfaces. Maintain required workspace clearances and required clearances for equipment access doors and panels.

- B. Comply with NECA 1.
- C. Install panelboards and accessories according to NECA 407.
- D. Equipment Mounting:
 - 1. Attach panelboard to the vertical finished or structural surface behind the panelboard.
 - 2. Comply with requirements for seismic control devices specified in other section for "Seismic Controls for Electrical Systems."
- E. Comply with mounting and anchoring requirements specified in other section for "Seismic Controls for Electrical Systems."
- F. Mount top of trim **90 inches (2286 mm)** above finished floor unless otherwise indicated.
- G. Mount panelboard cabinet plumb and rigid without distortion of box.
- H. Mount recessed panelboards with fronts uniformly flush with wall finish and mating with back box.
- I. Mount surface-mounted panelboards to steel slotted supports **5/8 inch (16 mm)** in depth. Orient steel slotted supports vertically.
- J. Install overcurrent protective devices and controllers not already factory installed.
 - 1. Set field-adjustable, circuit-breaker trip ranges.
 - 2. Tighten bolted connections and circuit breaker connections using calibrated torque wrench or torque screwdriver per manufacturer's written instructions.
- K. Install filler plates in unused spaces.
- L. Arrange conductors in gutters into groups and bundle and wrap with wire ties after completing load balancing.

3.3 IDENTIFICATION

- A. Identify field-installed conductors, interconnecting wiring, and components; install warning signs complying with requirements in other section for "Identification for Electrical Systems."
- B. Create a directory to indicate installed circuit loads after balancing panelboard loads; incorporate Owner's final room designations. Obtain approval before installing. Handwritten directories are not acceptable. Install directory inside panelboard door.
- C. Panelboard Nameplates: Label each panelboard with a nameplate complying with requirements for identification specified in other section for "Identification for Electrical Systems."
- D. Device Nameplates: Label each branch circuit device in power panelboards with a nameplate complying with requirements for identification specified in other section for "Identification for Electrical Systems."

- E. Install warning signs complying with requirements in other section for "Identification for Electrical Systems" identifying source of remote circuit.

3.4 FIELD QUALITY CONTROL

- A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.
- B. Perform tests and inspections.
 - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
- C. Acceptance Testing Preparation:
 - 1. Test insulation resistance for each panelboard bus, component, connecting supply, feeder, and control circuit.
 - 2. Test continuity of each circuit.
- D. Tests and Inspections:
 - 1. Perform each visual and mechanical inspection and electrical test for low-voltage air circuit breakers stated in NETA ATS, Paragraph 7.6 Circuit Breakers. Perform optional tests. Certify compliance with test parameters.
 - 2. Correct malfunctioning units on-site, where possible, and retest to demonstrate compliance; otherwise, replace with new units and retest.
 - 3. Perform the following infrared scan tests and inspections and prepare reports:
 - a. Infrared Scanning: After Substantial Completion, but not more than 60 days after Final Acceptance, perform an infrared scan of each panelboard. Remove front panels so joints and connections are accessible to portable scanner.
 - b. Instruments and Equipment:
 - 1) Use an infrared scanning device designed to measure temperature or to detect significant deviations from normal values. Provide calibration record for device.
- E. Panelboards will be considered defective if they do not pass tests and inspections.
- F. Prepare test and inspection reports, including a certified report that identifies panelboards included and that describes scanning results, with comparisons of the two scans. Include notation of deficiencies detected, remedial action taken, and observations after remedial action.

3.5 ADJUSTING

- A. Adjust moving parts and operable components to function smoothly, and lubricate as recommended by manufacturer.
- B. Set field-adjustable circuit-breaker trip ranges as specified in other section for "Coordination Studies."

- C. Load Balancing: After Substantial Completion, but not more than 60 days after Final Acceptance, measure load balancing and make circuit changes. Prior to making circuit changes to achieve load balancing, inform Architect of effect on phase color coding.
 - 1. Measure loads during period of normal facility operations.
 - 2. Perform circuit changes to achieve load balancing outside normal facility operation schedule or at times directed by the Architect. Avoid disrupting services such as fax machines and on-line data processing, computing, transmitting, and receiving equipment.
 - 3. After changing circuits to achieve load balancing, recheck loads during normal facility operations. Record load readings before and after changing circuits to achieve load balancing.
 - 4. Tolerance: Maximum difference between phase loads, within a panelboard, shall not exceed 20 percent.

3.6 PROTECTION

- A. Temporary Heating: Prior to energizing panelboards, apply temporary heat to maintain temperature according to manufacturer's written instructions.

END OF SECTION 262416

SEAL:



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STATE AND LICENSE NO. RA036352

ARCHITECT

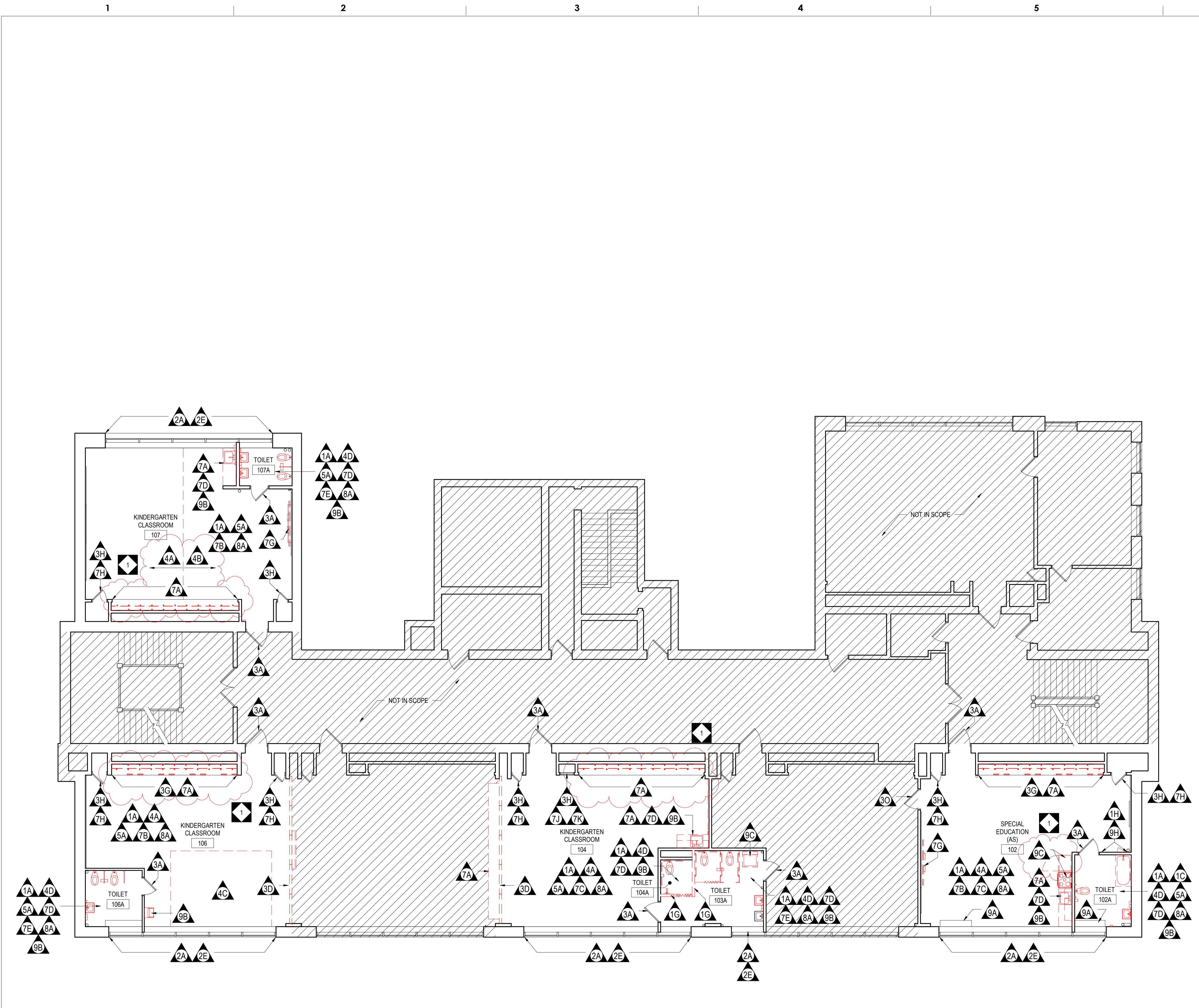
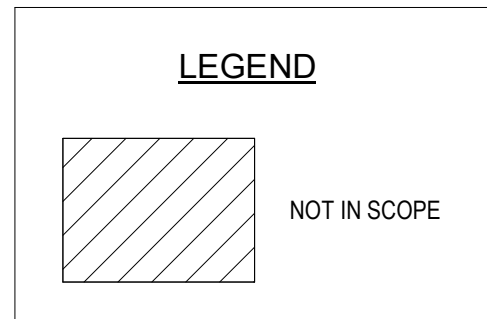
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DEMOLITION LEGEND	
TAG	DEMOLITION NOTE
1 - WALL DEMOLITION & RENOVATION	
1A	EXISTING WALLS SHALL BE SCRAPPED; REMOVE ANY/ALL ABANDONED OR UNUSED CONDUIT, WIRING, FASTENERS, BRACKETS, PROJECTORS AND MOUNTS, PROJECTOR SCREENS, TVS AND MOUNTS, BLOCKING AND ASSOCIATED ACCESSORIES IN THEIR ENTIRETY. ALL ABANDONED OR UNUSED CONDUIT, WIRING AND PIPING SHALL BE REMOVED TO THE SOURCE OF SUPPLY. PATCH ANY AND ALL PENETRATIONS AND CRACKING THROUGHOUT AND PREPARE WALLS, COLUMNS, EXPOSED PIPING, REGISTERS, HEATERS, CONDUIT AND ASSOCIATED ACCESSORIES TO RECEIVE NEW FINISH MATCHING ADJACENT FINISHED SURFACE AS SCHEDULED.
1C	REMOVE EXISTING CERAMIC TILE WALL FINISH AND WALL BASE DOWN TO EXISTING SUBSTRATE. PREPARE SURFACE TO RECEIVE NEW SCHEDULED FINISH.
1G	EXISTING PORTION OF WALL SHALL BE REMOVED IN ITS ENTIRETY. PREPARE ADJACENT SURFACE FOR NEW WORK AS SCHEDULED.
1H	REMOVE EXISTING WOOD BASE IN ITS ENTIRETY. PATCH AND REPAIR EXISTING TO REMAIN SURFACE TO RECEIVE NEW SCHEDULED FINISH.
2 - WINDOW DEMOLITION & RENOVATION	
2A	EXISTING WOOD WINDOW SILL SHALL BE STRIPPED, SANDED, PATCH OF ANY PENETRATIONS AND PREPARED TO RECEIVE NEW FINISH AS SCHEDULED. REMOVE ALL MISC./OBSOLETE ITEMS FROM SILL. PATCH ALL PENETRATIONS.
2E	ALL EXISTING WINDOW SHADES AND ASSOCIATED COMPONENTS SHALL BE REMOVED IN THEIR ENTIRETY. PATCH AND PREPARE ADJACENT FINISHES FOR NEW FINISHES AND/OR SHADES.
3 - DOOR DEMOLITION & RENOVATION	
3A	EXISTING DOOR AND FRAME ASSEMBLY TO REMAIN. REMOVE ANY/ALL OBSOLETE EQUIPMENT, CONDUIT AND WIRING, STAPLES AND ASSOCIATED ACCESSORIES AND FASTENERS IN THEIR ENTIRETY FROM DOOR AND FRAME ASSEMBLY. ANY/ALL PENETRATIONS IN EXISTING DOOR AND FRAME, INCLUDING OLD HARDWARE PENETRATIONS, SHALL BE PATCHED WITH SAME MATERIAL AS DOOR. SAND AND RETURN TO "LIKE NEW" CONDITION AND PREPARE FOR NEW FINISH AS SCHEDULED. ALL MISCELLANEOUS HARDWARE AND SECURITY GRILLES AND ASSOCIATED BRACKETING SHALL BE REMOVED IN ITS ENTIRETY (WHERE OCCURS). PREPARE DOOR AND/OR FRAME ASSEMBLIES TO RECEIVE NEW INFILL AS SCHEDULED (WHERE OCCURS). PREPARE DOOR FOR NEW HARDWARE AS SCHEDULED. CONTRACTOR SHALL VERIFY IN FIELD ALL DOOR, FRAME AND HARDWARE REQUIREMENTS. CONTRACTOR SHALL NOT REMOVE ANY COMPONENTS OF DOOR OR HARDWARE UNTIL ALL COMPONENTS OF NEW ASSEMBLY ARE PHYSICALLY ON SITE, INCLUDING CORES.
3D	REMOVE EXISTING SLIDING PARTITION PANELS IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO, ANY ASSOCIATED HARDWARE AND DISPLAY BOARDS. EXISTING WOOD TRIM AROUND PERIMETER OF EXISTING PARTITION OPENING TO REMAIN AND SHALL BE STRIPPED, SANDED, PATCH OF ANY PENETRATIONS AND PREPARED TO RECEIVE NEW FINISHES SCHEDULED. EXISTING CEILING TRACK TO REMAIN, WHERE OCCURS, FLOOR TRACK TO BE REMOVED IN ITS ENTIRETY AND PATCH AND REPAIR FLOOR TO MATCH ADJACENT MATERIAL, FINISH AND PATTERN - TOOTH IN WHERE WOOD FLOORING OCCURS. PREPARE ADJACENT FINISHES FOR NEW WORK.
3G	REMOVE EXISTING SLIDING CLOSET DOORS, ASSOCIATED FLOOR, CEILING AND WALL MOUNTED HARDWARE AND TRACKS, PATCH AND REPAIR ADJACENT SURFACES FOR NEW WORK. PREPARE SURFACE TO RECEIVE NEW PAINT, PATCH ANY PENETRATIONS IN EXISTING STAINED WOOD FRAME AND TOUCH UP IN AREAS OF REPAIR TO MATCH EXISTING.
3H	EXISTING BUILT-IN CABINET DOOR AND FRAME TO REMAIN. ALL CONDUIT AND WIRING, STAPLES AND ASSOCIATED ACCESSORIES AND FASTENERS SHALL BE REMOVED IN THEIR ENTIRETY FROM BOTH SIDES OF DOOR AND FRAME. ANY/ALL PENETRATIONS IN EXISTING DOOR AND/OR FRAME, INCLUDING OLD HARDWARE PENETRATIONS, SHALL BE PATCHED WITH SAME MATERIAL AND PROFILE AS FRAME. SAND AND RETURNED TO "LIKE NEW" CONDITION AND PREPARED FOR NEW FINISH. PREPARE DOORS TO RECEIVE NEW INFILLS AND/OR HARDWARE AS SCHEDULED.
3N	REMOVE EXISTING METAL SECURITY GATE AND TRANSOM GRATE AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY. PATCH AND REPAIR ADJACENT SURFACES FOR NEW WORK. PREPARE SURFACE TO RECEIVE NEW FINISH AS SCHEDULED.
3O	EXISTING DOOR AND FRAME ASSEMBLY TO REMAIN. REMOVE ANY/ALL OBSOLETE EQUIPMENT, CONDUIT AND WIRING, STAPLES AND ASSOCIATED ACCESSORIES AND FASTENERS IN THEIR ENTIRETY FROM DOOR AND FRAME ASSEMBLY. ANY/ALL PENETRATIONS IN EXISTING DOOR AND FRAME, INCLUDING OLD HARDWARE PENETRATIONS, SHALL BE PATCHED WITH SAME MATERIAL AS DOOR. SAND AND RETURN TO "LIKE NEW" CONDITION AND PREPARE FOR NEW FINISH AS SCHEDULED. CLEAN HARDWARE TO "LIKE NEW" CONDITION. CONTRACTOR SHALL VERIFY IN FIELD ALL DOOR, FRAME AND HARDWARE REQUIREMENTS.
4 - FLOOR DEMOLITION & RENOVATION	
4A	EXISTING WOOD FLOORING, WHERE OCCURS, PLATFORMS AND BASE SHALL BE STRIPPED AND SANDED IN THEIR ENTIRETY. REMOVE ANY/ALL TRANSITION STRIPS, WHERE OCCUR, NAILS, DOOR STOPS, ETC AND PREPARE FOR NEW TRANSITION STRIPS AT ALL MATERIAL TRANSITIONS AS SCHEDULED. ASSUME 50 SF OF EXISTING WOOD FLOORING WILL REQUIRE PATCHING, WHERE PATCHING IS REQUIRED, PROVIDE SAME SPECIES, WIDTH AND THICKNESS OF FLOORING TO MATCH AND TOOTH INTO EXISTING. PREPARE FLOORS AND INFILLS FOR NEW FINISH AS SCHEDULED.
4B	REMOVE EXISTING VINYL TILE FLOORING IN ITS ENTIRETY INCLUDING TRANSITION STRIPS AND SUBFLOOR. CONTRACTOR SHALL LEVEL FLOORING AS REQUIRED TO ACCEPT NEW SUBFLOORING, FINISH AND TRANSITIONS AS SCHEDULED. WHERE FLOOR DRAINS AND/OR PLUMBING CONNECTIONS OCCUR, CONTRACTOR SHALL MODIFY EXISTING CONNECTIONS AS REQUIRED TO ACCEPT NEW FINISH.
4C	REMOVE EXISTING CARPET FLOORING IN ITS ENTIRETY INCLUDING TRANSITION STRIPS AND SUBFLOOR. CONTRACTOR SHALL LEVEL FLOORING AS REQUIRED TO ACCEPT NEW SUBFLOORING, FINISH AND TRANSITIONS AS SCHEDULED. WHERE FLOOR DRAINS AND/OR PLUMBING CONNECTIONS OCCUR, CONTRACTOR SHALL MODIFY EXISTING CONNECTIONS AS REQUIRED TO ACCEPT NEW FINISH.
4D	REMOVE EXISTING CERAMIC TILE FLOORING DOWN TO EXISTING SUBSTRATE. CONTRACTOR SHALL LEVEL FLOORING AS REQUIRED TO ACCEPT NEW SUBFLOORING, FINISH AND TRANSITIONS AS SCHEDULED. WHERE FLOOR DRAINS AND/OR PLUMBING CONNECTIONS OCCUR, CONTRACTOR SHALL MODIFY EXISTING CONNECTIONS AS REQUIRED TO ACCEPT NEW FINISH.
5 - CEILING DEMOLITION & RENOVATION	
5A	EXISTING HARD CEILING AND/OR METAL CEILINGS SHALL BE SCRAPPED; REMOVE ANY/ALL ABANDONED OR UNUSED CONDUIT, WIRING, FASTENERS, BRACKETS, PROJECTORS AND MOUNTS AND ASSOCIATED ACCESSORIES IN THEIR ENTIRETY. ALL ABANDONED OR UNUSED CONDUIT, WIRING AND PIPING SHALL BE REMOVED TO THE SOURCE OF SUPPLY. PATCH ANY AND ALL PENETRATIONS AND CRACKING THROUGHOUT AND PREPARE CEILINGS, BEAMS, EXPOSED PIPING AND CONDUIT AND ASSOCIATED ACCESSORIES TO RECEIVE NEW FINISH MATCHING ADJACENT SURFACE AS SCHEDULED. WHERE CAPPING OF OLD OR ABANDONED SYSTEMS OCCURS, PROVIDE COVER PLATE AND PAINT TO MATCH EXISTING SURFACES. REFER TO ENGINEERING DRAWINGS FOR FURTHER INFORMATION WHERE OCCURS.
5B	REMOVE EXISTING SUSPENDED CEILING ASSEMBLY IN ITS ENTIRETY. REMOVE ANY/ALL ABANDONED OR UNUSED CONDUIT, WIRING, FASTENERS, BRACKETS, PROJECTORS AND MOUNTS AND ASSOCIATED ACCESSORIES IN THEIR ENTIRETY. ALL ABANDONED OR UNUSED CONDUIT, WIRING AND PIPING SHALL BE REMOVED TO THE SOURCE OF SUPPLY. PREPARE ADJACENT SURFACES FOR NEW CEILING ASSEMBLY AS SCHEDULED. REFER TO ENGINEERING DRAWINGS FOR FURTHER INFORMATION WHERE OCCURS.
7 - EQUIPMENT DEMOLITION & RENOVATION	
7A	EXISTING BUILT-IN CASEWORK, BUILT-IN SHELVING AND/OR COAT HOOKS AND ASSOCIATED BLOCKING AND FASTENERS SHALL BE REMOVED IN THEIR ENTIRETY. PATCH AND PREPARE ALL ADJACENT FINISHES FOR NEW WORK AND FINISH AS SCHEDULED.
7B	PREPARE EXISTING WOOD TRIM DISPLAY BOARDS FOR NEW FINISH AS SCHEDULED. DISPLAY BOARDS SHALL BE FREE OF ANY FASTENERS, STAPLES, ADHESIVES, ETC. ENTIRE ASSEMBLY TO BE THOROUGHLY CLEANED, SANDED, PATCHED OF ANY PENETRATIONS, GAPS OR CRACKING AND PREPARED FOR NEW FINISH AND INFILL AS SCHEDULED.
7C	REMOVE EXISTING DISPLAY BOARDS, WHERE OCCURS, TACK STRIPS, TRIM AND ALL RELATED COMPONENTS. PATCH AND REPAIR ADJACENT FINISHES TO MATCH EXISTING.
7D	REMOVE ALL ACCESSORIES INCLUDING, BUT NOT LIMITED TO, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, MIRRORS, SOAP DISHES, HAND SANITIZERS, CURTAIN RODS, GRAB BARS, ETC FROM ROOM IN THEIR ENTIRETY. RETURN ALL ACCESSORIES TO OWNER. WHERE RECESSED SOAP TRAYS/DISPENSERS OR RECESSED PAPER TOWEL DISPENSERS/WASTE RECEPTACLES OCCUR, REMOVE AND PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED.
7E	REMOVE EXISTING TOILET PARTITIONS AND ASSOCIATED ACCESSORIES AND HARDWARE. PATCH AND PREPARE ADJACENT SURFACES FOR FINISH AS SCHEDULED.
7G	REMOVE EXISTING SMARTBOARD WALL OR FLOOR MOUNTED BRACKETS IN THEIR ENTIRETY, WHERE OCCURS. PATCH AND PREPARE ALL ADJACENT FINISHES FOR NEW WORK AND FINISH AS SCHEDULED.
7H	PREPARE EXISTING BUILT-IN CASEWORK AND BUILT-IN SHELVING UNITS FOR NEW FINISH AS SCHEDULED. SHALL BE FREE OF ANY FASTENERS, STAPLES, ADHESIVES, ETC. ENTIRE ASSEMBLY TO BE THOROUGHLY CLEANED, SANDED, PATCHED OF ANY PENETRATIONS OR CRACKING AND PREPARED FOR NEW FINISH AND INFILL AS SCHEDULED.
7J	REMOVE DRAWERS WITHIN EXISTING BUILT-IN ASSEMBLY AND ALL ASSOCIATED PARTS. REMOVE PORTION OF BASE TRIM AND PREPARE EXISTING OPENING AND FLOORING FOR NEW FINISHES AND REPAIR AS SCHEDULED. PATCH AND REPAIR FLOORING AS REQUIRED TO MAINTAIN CONTINUOUS FINISH. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
7K	PREPARE EXISTING BUILT-IN CASEWORK AND BUILT-IN SHELVING UNITS FOR NEW FINISH AS SCHEDULED. REMOVE ALL EXISTING HARDWARE AND PREPARE FOR NEW SCHEDULED HARDWARE. SHALL BE FREE OF ANY FASTENERS, STAPLES, ADHESIVES, ETC. ENTIRE ASSEMBLY TO BE THOROUGHLY CLEANED, SANDED, PATCHED OF ANY PENETRATIONS OR CRACKING AND PREPARED FOR NEW FINISH AND INFILL AS SCHEDULED.
7O	PREPARE EXISTING TIERED COAT HOOK AND SHELF SYSTEM FOR NEW FINISH AS SCHEDULED. ENTIRE SYSTEM AND ADJACENT SURFACES SHALL BE FREE OF ANY FASTENERS, STAPLES, ADHESIVES, ETC. ENTIRE ASSEMBLY TO BE THOROUGHLY CLEANED, SANDED, PATCHED OF ANY PENETRATIONS OR CRACKING AND PREPARED FOR NEW FINISH AND INFILL AS SCHEDULED. REMOVE ALL HOOKS AND RETURN TO OWNER. 30 NEW STAINLESS STEEL COAT HOOKS SHALL BE INSTALLED EVENLY ON EXISTING TIERS. REFER TO INTERIORS DRAWINGS FOR ADDITIONAL INFORMATION.
8 - MISCELLANEOUS DEMOLITION & RENOVATION	
8A	EXISTING WOOD TRIM THROUGHOUT ENTIRE ROOM INCLUDING, BUT NOT LIMITED TO BASE, DOOR, CROWN MOLDING, WINDOW TRIM AND INTERMITTENT WOOD MULLIONS, SHALL BE STRIPPED OF ANY NAILS, STAPLES, TAPE, AND ETC. SAND AND PATCH ANY PENETRATIONS AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.
9 - MEP DEMOLITION & RENOVATION	
9A	EXISTING UNIT VENTILATOR AND/OR RADIATOR, RADIATOR COVER AND ALL ASSOCIATED PIPING AND COMPONENTS TO BE REMOVED (AS APPLICABLE), REFINISHED WITH ELECTROSTATIC PAINT AND REINSTALLED AS SCHEDULED. CLEAN UNIT VENTILATOR AND/OR RADIATOR AND ALL ASSOCIATED COMPONENTS PRIOR TO REINSTALLATION OF COVER.
9B	REMOVE ALL PLUMBING FIXTURES AND PATCH ANY/ALL PENETRATIONS AND PREPARE SURFACE TO RECEIVE NEW FINISH AND/OR WORK AS SCHEDULED. REFER TO ENGINEERING DRAWINGS FOR FURTHER INFORMATION WHERE OCCURS.
9C	REMOVE ALL APPLIANCES AND THEIR ASSOCIATED COMPONENTS, INCLUDING FUME HOODS, OVENS, AND REFRIGERATORS. SHALL BE RETURNED TO OWNER. PREPARE FOR NEW WORK AS SCHEDULED. ALL APPLIANCES SHALL BE GC PROVIDED AND INSTALLED UNLESS STATED OTHERWISE. AT NO POINT SHOULD ANY COMPONENT BE REMOVED FROM SITE WITHOUT SPECIFIC OWNER APPROVAL.
9G	REMOVE EXISTING POWER POLES AND PATCH AND REPAIR ADJACENT SURFACES FOR NEW WORK AS SCHEDULED. REFER TO ENGINEERING DRAWINGS FOR FURTHER INFORMATION.
9H	REMOVE EXISTING PLUMBING ACCESS PANEL AND ASSOCIATED PIPING AND COMPONENTS IN THEIR ENTIRETY. PATCH ANY/ALL PENETRATIONS AND PREPARE SURFACE TO RECEIVE NEW FINISH AND/OR WORK AS SCHEDULED. REFER TO ENGINEERING DRAWINGS FOR FURTHER INFORMATION WHERE OCCURS.

NOTE:
REFER TO "GENERAL PROJECT ALTERATION NOTES" ON CS.2 FOR ADDITIONAL INFORMATION.
REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.



1 OVERALL FIRST FLOOR DEMOLITION PLAN
D1.1 1/8" = 1'-0"

100% DESIGN SUBMISSION
1/22/2020

10		
9		
8		
7		
6		
5		
4		
3		
2		
1	3/5/2020	ADDENDUM # 1
NO.	DATE	REVISION

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PROJECT TITLE
CLASSROOM MODERNIZATION

DRAWING TITLE

OVERALL FIRST FLOOR DEMOLITION PLAN

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
B-031C OF 2019 / 20	B-033C OF 2019 / 20
DRAWING NO.	D1.1

SEAL:



R. JEFFREY STRAUB
STATE AND LICENSE NO. RA03652

ARCHITECT

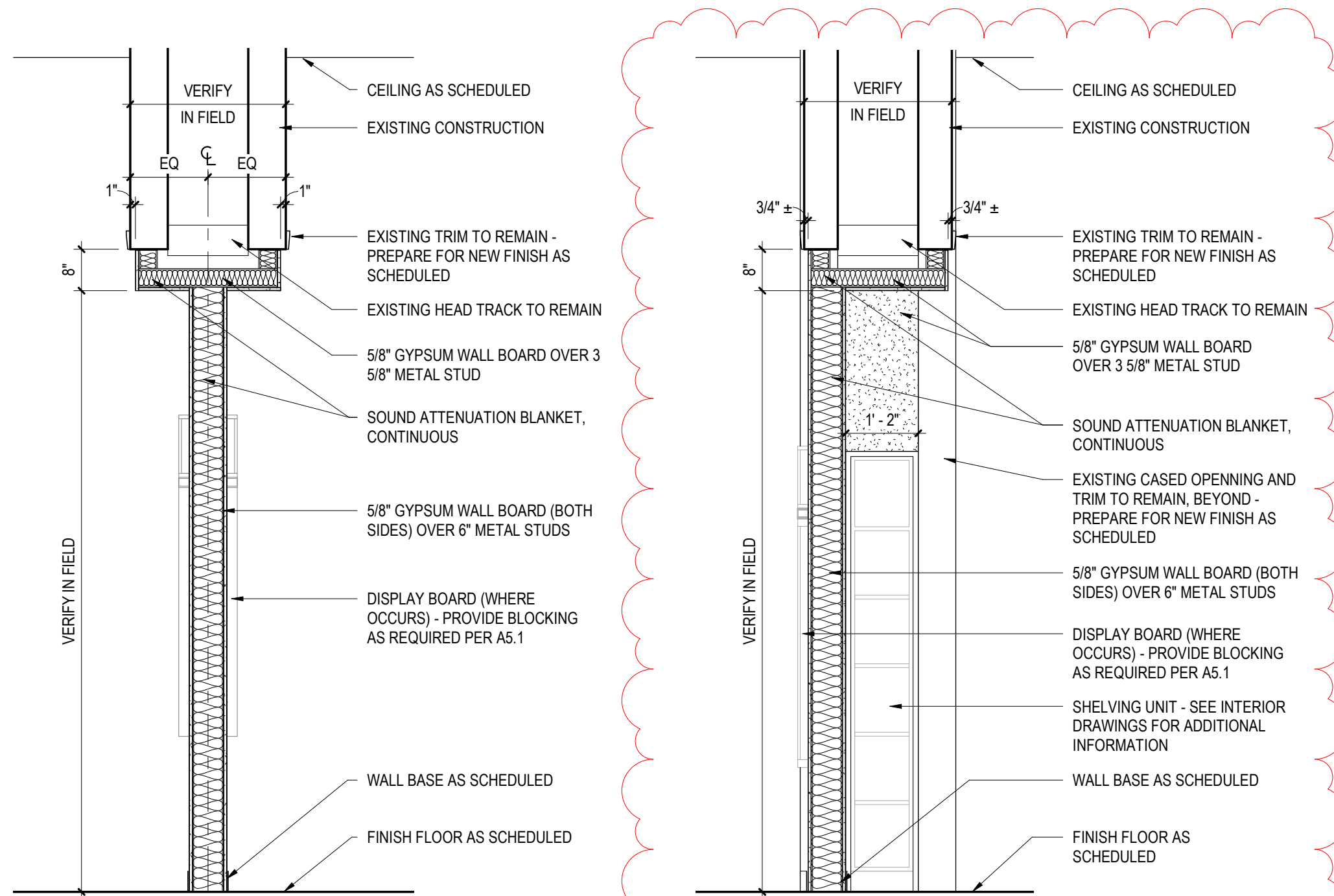
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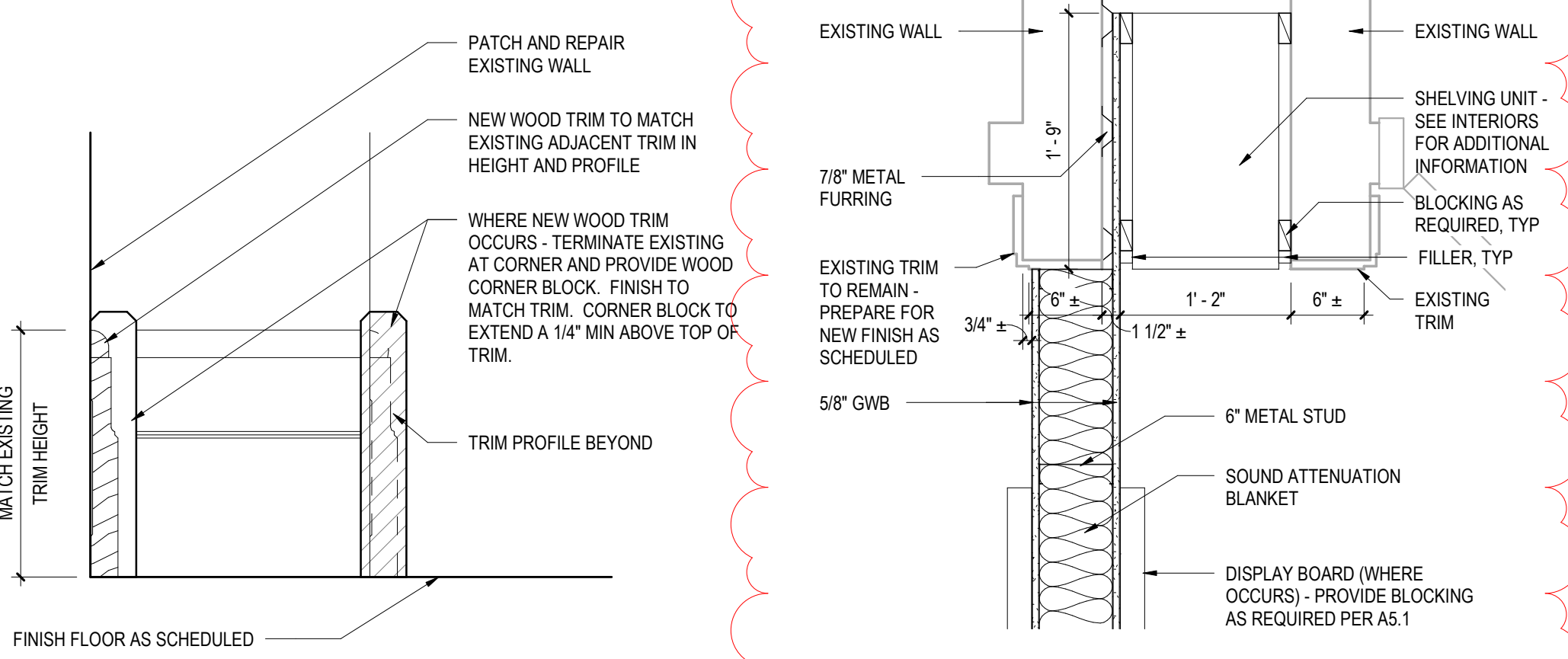
GENERAL NOTES:

- REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.
- ACCESSIBLE FIXTURES ARE INDICATED WITH THE REQUIRED CLEAR FLOOR SPACE CLEARANCES FOR ALL ACCESSIBLE ROUTES & MANEUVERING CLEARANCES.
- PLUMBING FIXTURE ROUGH-IN DIMENSIONS & TOILET PARTITION LAYOUT DIMENSIONS ARE FROM THE WALL FINISH MATERIAL.
- PROVIDE WOOD BLOCKING IN STUD WALLS FOR ALL TOILET ACCESSORIES.
- TOILET PARTITION DIMENSIONS ARE TO THE PANEL CENTERLINE UNLESS NOTED OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED.
- COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.
- CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION OF ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.
- COORDINATE LOCATION OF MEP EQUIPMENT, DEVICES, OUTLET BOXES, ETC. WITH OTHER EQUIPMENT AND FINISH SCHEDULE PRIOR TO INSTALLATION.
- UNLESS NOTED OTHERWISE, ALL FLOOR DRAINS SHALL BE SET 1/4" MAXIMUM. BELOW FINISH FLOOR. DISH FINISH FLOOR A MINIMUM OF 24" RADIUS TO TOP OF FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- REFER TO I4 DRAWINGS FOR ADDITIONAL BUILT-IN CASEWORK DOOR HARDWARE LOCATION AND INFORMATION.



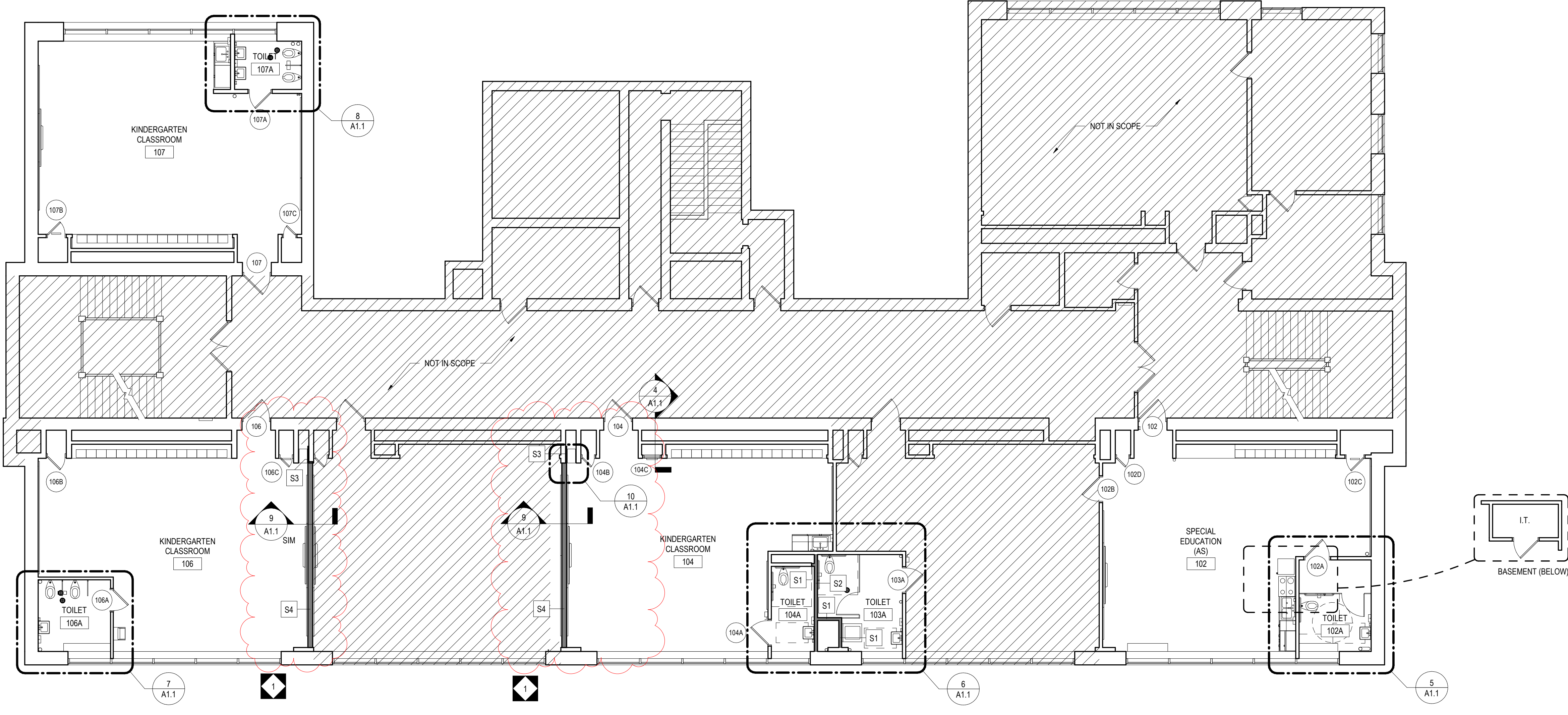
2 WALL SECTION
A1.1 1/2" = 1'-0"

9 WALL SECTION
A1.1 1/2" = 1'-0"



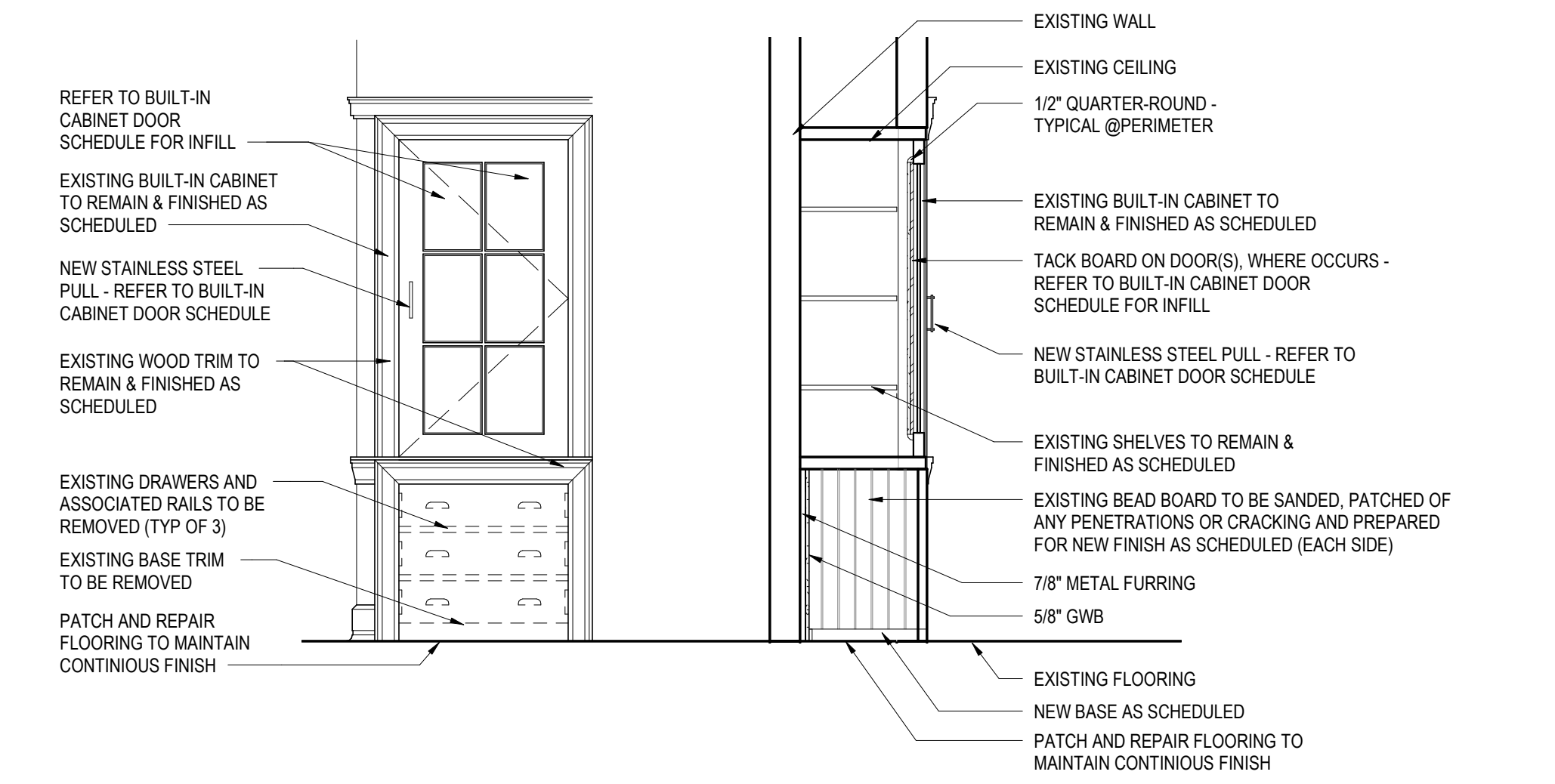
3 WOOD TRIM BASE DETAIL - TYPICAL
A1.1 3" = 1'-0"

10 PLAN DETAIL
A1.1 1" = 1'-0"

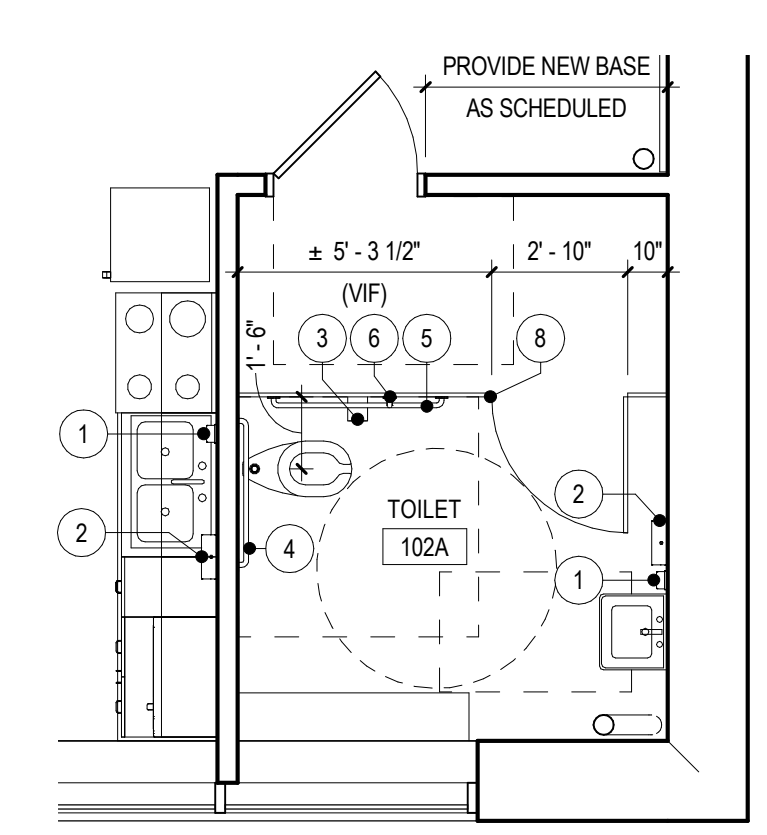


1 OVERALL FIRST FLOOR PLAN
A1.1 1/8" = 1'-0"

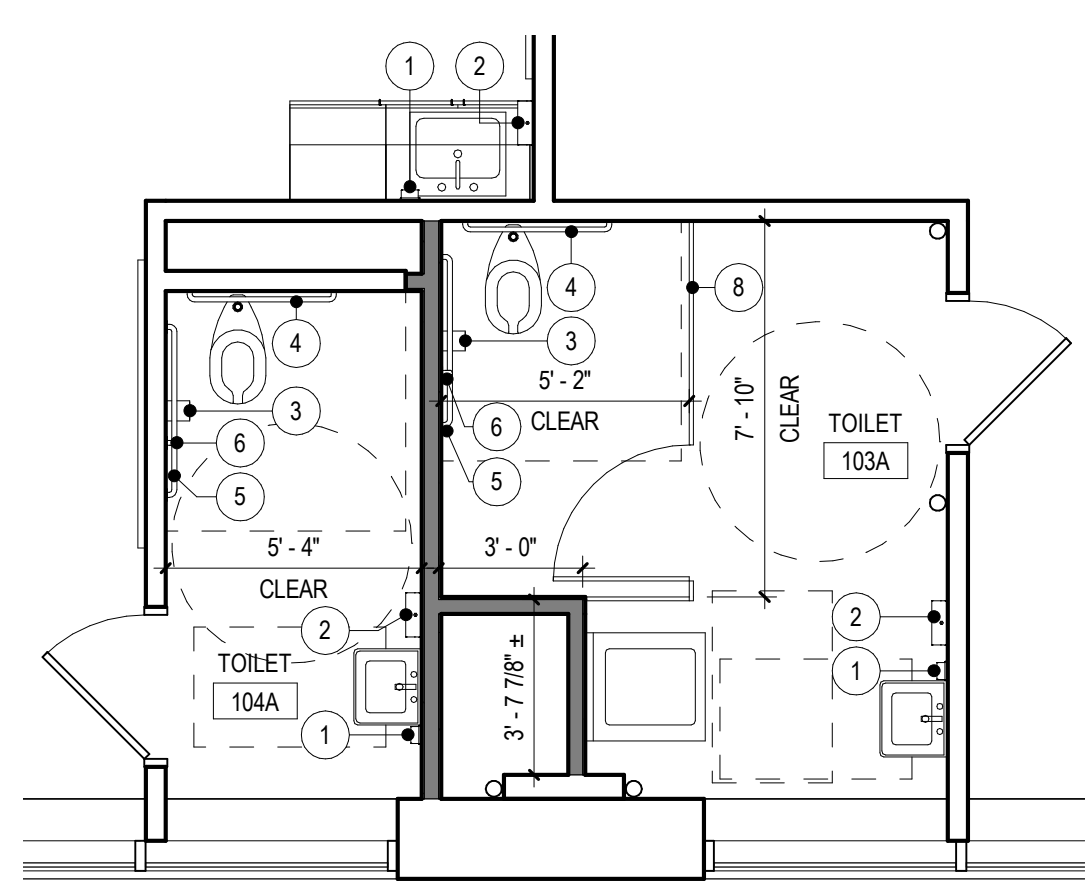
TOILET ACCESSORY SCHEDULE				
No.	DESCRIPTION	MOUNTING	MANUFACTURER	MODEL
1	SOAP DISPENSER	44" MAXIMUM AFF TO PUSH BUTTON	KIMBERLY-CLARK - GC SUPPLIED & GC INSTALLED	92145
2	SURFACE MOUNTED PAPER TOWEL DISPENSER	48" MAXIMUM TO OUTLET OF DISPENSER	KIMBERLY-CLARK - GC SUPPLIED & INSTALLED	29734
3	SURFACE MOUNTED TOILET PAPER DISPENSER	TISSUE ACCESS @ 19" MIN AFF	KIMBERLY-CLARK - GC SUPPLIED & INSTALLED	09507
4	36" GRAB BAR (HORIZONTAL)	33" MIN - 36" MAX AFF TO TOP OF GRIPPING SURFACE	BOBRICK	B-5906 x 36
5	42" GRAB BAR (HORIZONTAL)	33" MIN - 36" MAX AFF TO TOP OF GRIPPING SURFACE	BOBRICK	B-5906 x 42
6	18" GRAB BAR (VERTICAL)	39" MIN - 41" MAX AFF TO BOTTOM OF GRAB BAR	BOBRICK	B-5906 x 18
8	TOILET PARTITION	AS SPECIFIED	AS SPECIFIED	-



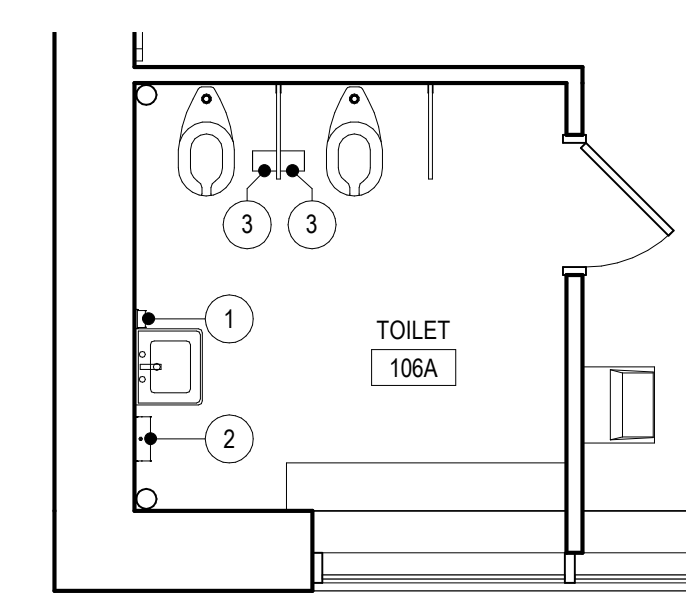
4 EXISTING BUILT-IN CABINET ELEVATION & SECTION
A1.1 1/2" = 1'-0"



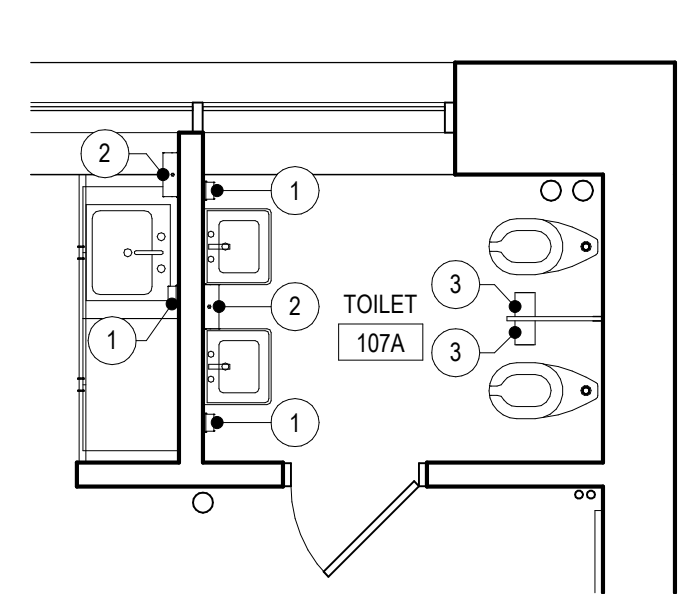
5 LARGE SCALE TOILET PLAN
A1.1 1/4" = 1'-0"



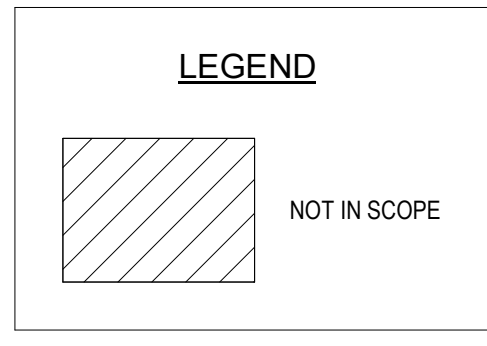
6 LARGE SCALE TOILET PLAN
A1.1 1/4" = 1'-0"



7 LARGE SCALE TOILET PLAN
A1.1 1/4" = 1'-0"



8 LARGE SCALE TOILET PLAN
A1.1 1/4" = 1'-0"



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1	3/5/2020	ADDENDUM # 1
NO.	DATE	REVISION

SCHOOL & LOCATION
JOHN MARSHALL ELEMENTARY SCHOOL
MAILING ADDRESS: 4500 GRISCOM STREET, PHILADELPHIA, PA 19124
DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600

PROJECT TITLE
CLASSROOM MODERNIZATION

DRAWING TITLE
OVERALL FIRST FLOOR PLAN

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY

B-031C	OF	2019 / 20
B-033C	OF	2019 / 20

DRAWING NO.
A1.1

SEAL:



R. JEFFREY STRAUB
STATE AND LICENSE NO: RA03652

ARCHITECT

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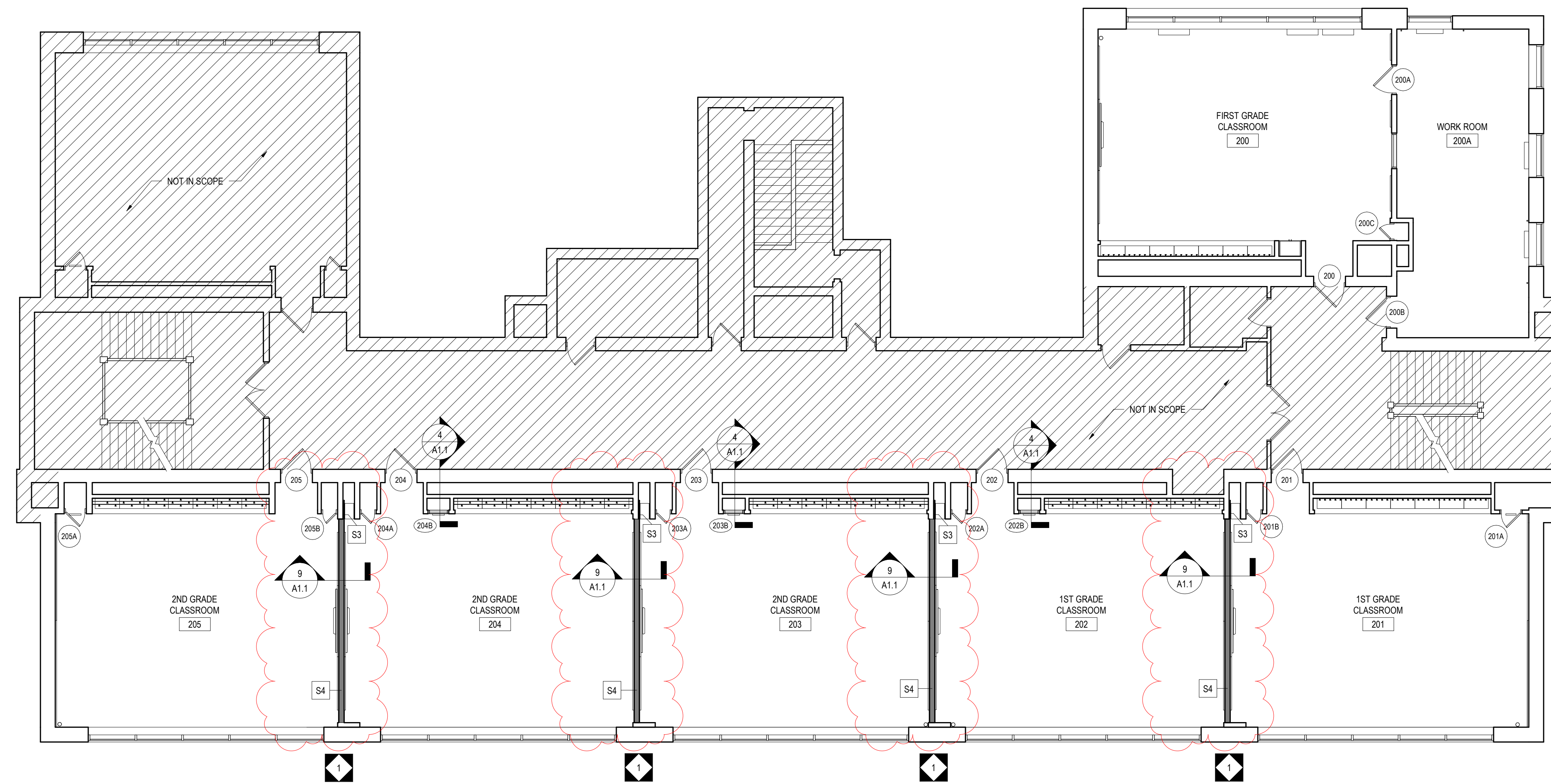
MEP ENGINEERS

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One South Street, Suite 1130
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Phone: 443-309-6036

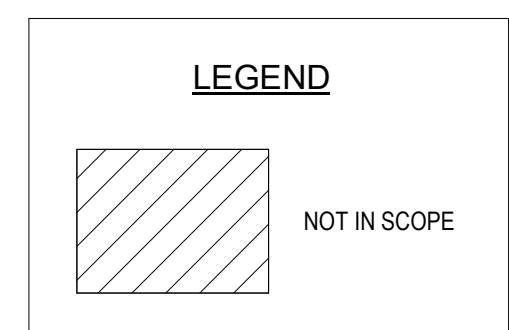
Email: deepak.ch@seity.com
Attn: Deepak Ajmani

GENERAL NOTES:

- REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.
- ACCESSIBLE FIXTURES ARE INDICATED WITH THE REQUIRED CLEAR FLOOR SPACE CLEARANCES FOR ALL ACCESSIBLE ROUTES & MANEUVERING CLEARANCES.
- PLUMBING FIXTURE ROUGH-IN DIMENSIONS & TOILET PARTITION LAYOUT DIMENSIONS ARE FROM THE WALL FINISH MATERIAL.
- PROVIDE WOOD BLOCKING IN STUD WALLS FOR ALL TOILET ACCESSORIES.
- TOILET PARTITION DIMENSIONS ARE TO THE PANEL CENTERLINE UNLESS NOTED OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED.
- COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.
- CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION OF ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.
- COORDINATE LOCATION OF MEP EQUIPMENT, DEVICES, OUTLET BOXES, ETC. WITH OTHER EQUIPMENT AND FINISH SCHEDULE PRIOR TO INSTALLATION.
- UNLESS NOTED OTHERWISE, ALL FLOOR DRAINS SHALL BE SET 1/4" MAXIMUM. BELOW FINISH FLOOR. DISH FINISH FLOOR A MINIMUM OF 24" RADIUS TO TOP OF FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- REFER TO I4 DRAWINGS FOR ADDITIONAL BUILT-IN CASEWORK DOOR HARDWARE LOCATION AND INFORMATION.



1 OVERALL SECOND FLOOR PLAN
A1.2 1/8" = 1'-0"



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DRAWING TITLE
OVERALL SECOND FLOOR PLAN

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
B-031C OF 2019 / 20	B-033C OF 2019 / 20

DRAWING NO.
A1.2

SEAL:



R. JEFFREY STRAUB
STATE AND LICENSE NO: RA03652

ARCHITECT

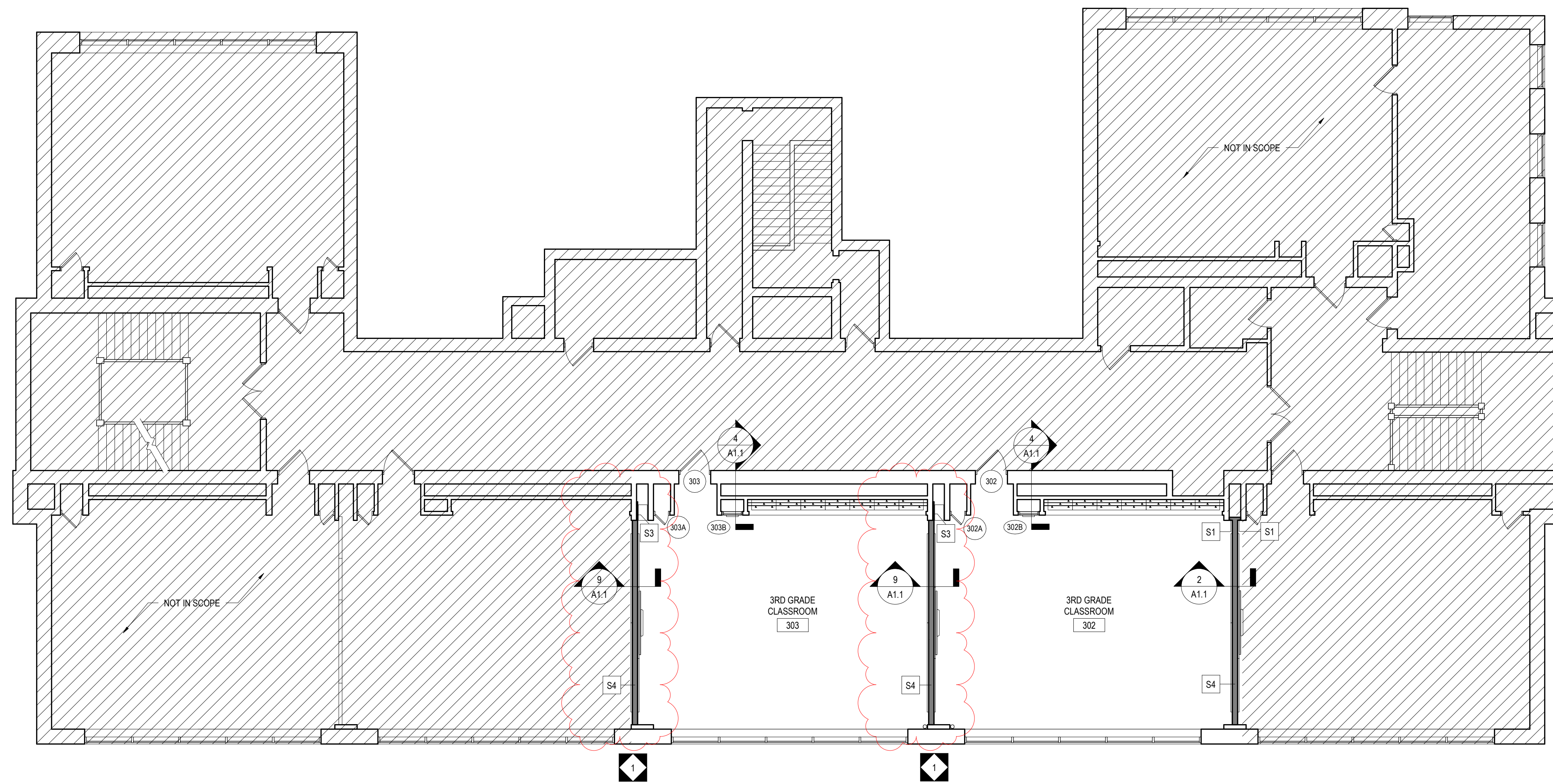
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- REFER TO I4 DRAWINGS FOR ADDITIONAL BUILT-IN CASEWORK DOOR HARDWARE LOCATION AND INFORMATION.



1 OVERALL THIRD FLOOR PLAN
A1.3 1/8" = 1'-0"

LEGEND

NOT IN SCOPE

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DRAWING TITLE
OVERALL THIRD FLOOR PLAN

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DRAWN BY	CHECKED BY
B-031C OF 2019 / 20	B-033C OF 2019 / 20

DRAWING NO.
A1.3

SEAL:



E. JEFFREY STRAUB
STATE AND LICENSE NO: RA403652

ARCHITECT

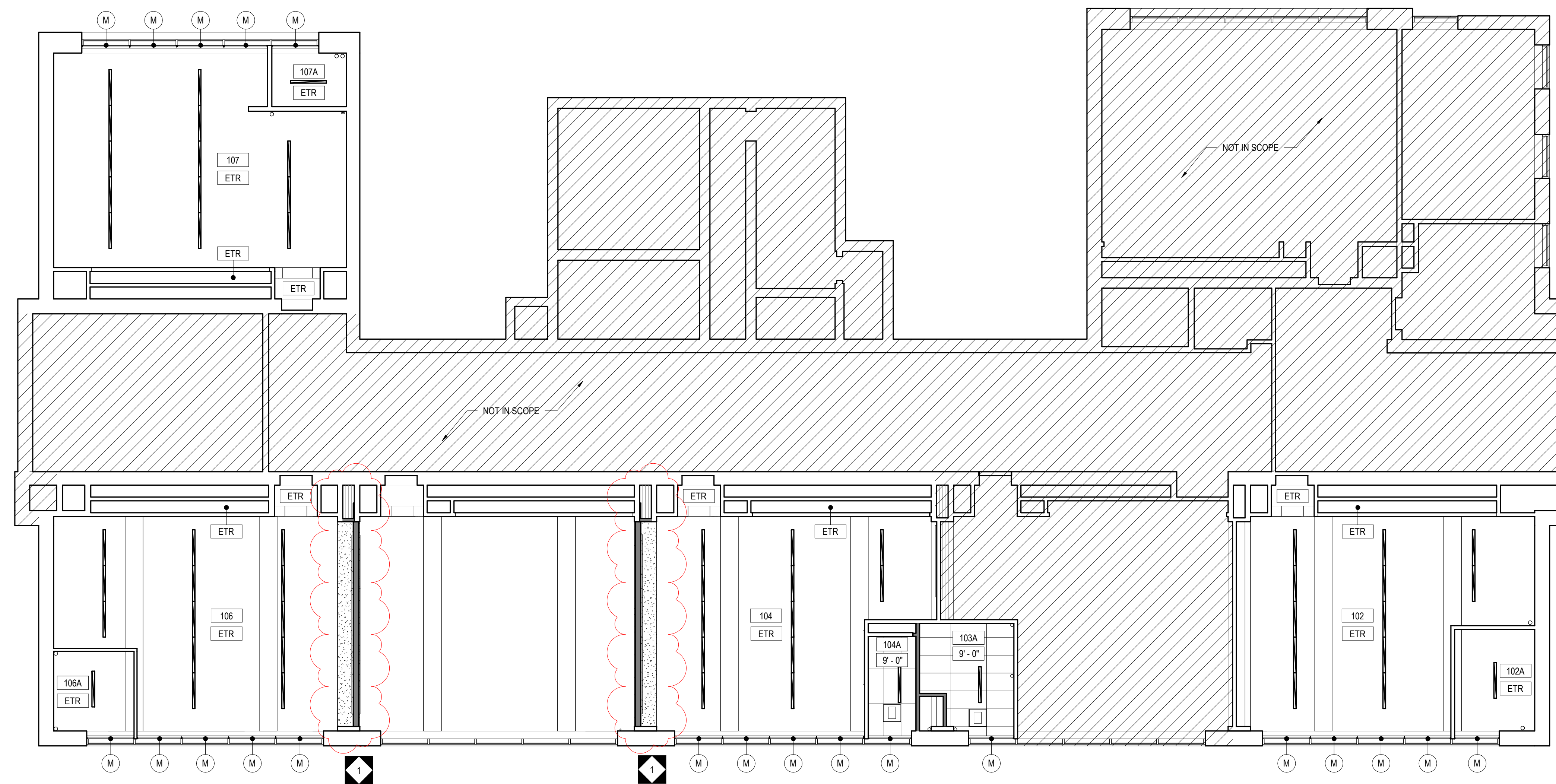
CRABTREE, ROHRBAUGH & ASSOCIATES
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Mechanicsburg, PA 17055
Phone: 717-458-0272

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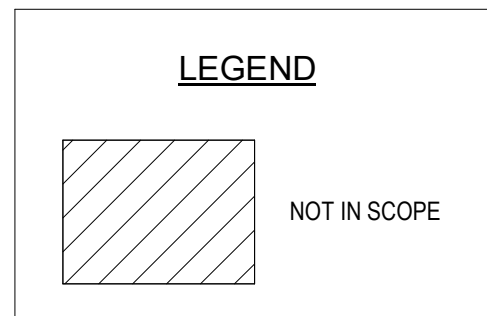
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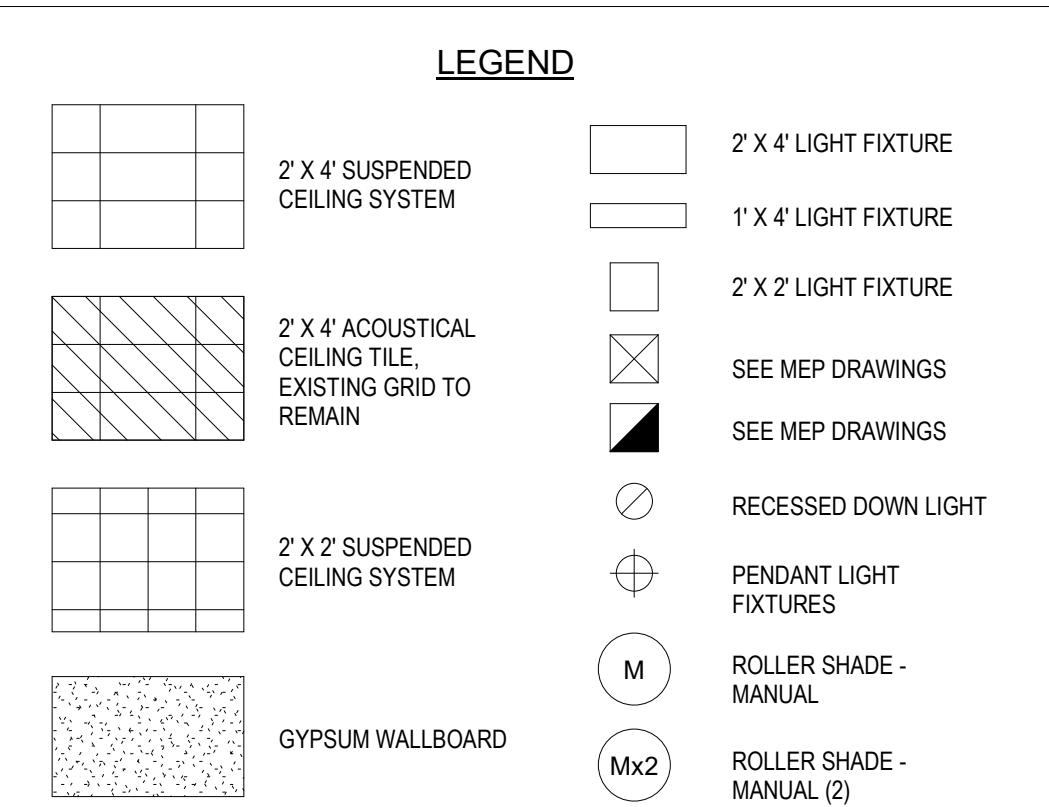
Email: deepak.ch@seity.com
Attn: Deepak Ajmani



1 OVERALL FIRST FLOOR REFLECTED CEILING PLAN
A2.1 1/8" = 1'-0"



- REFLECTED CEILING PLAN GENERAL NOTES:**
- UNLESS NOTED OTHERWISE, GYPSUM BULKHEADS TO BE 3/8" METAL STUDS AT 16" O/C WITH 5/8" GWB EACH SIDE, EXTENDING MIN. 1" BELOW ADJACENT CEILING.
 - CEILING GRID SHALL BE COORDINATED WITH MEP EQUIPMENT AND DEVICES.
 - UNLESS NOTED OTHERWISE, ALL VISIBLE STRUCTURAL STEEL, ROOF/FLOOR DECK, DUCTWORK, PIPING, CONDUIT, HANGER WIRES, ETC. AT EXPOSED LOCATIONS OR ABOVE CEILING CLOUDS SHALL BE PAINTED.
 - REFER TO ROOM FINISH SCHEDULE FOR CEILING TYPES.
 - ALL VISIBLE HANGER WIRES, STRUCTURE AND BRACING AT EXPOSED CEILING GRID OR CEILING CLOUD LOCATIONS SHALL BE INSTALLED PLUMB AND LEVEL. PAINT ALL TO MATCH ADJACENT SURFACES.
 - FOR WINDOWS THAT REQUIRE TWO OR MORE ROLLER SHADES, EACH ROLLER SHADE SHALL TERMINATE AT THE CENTER OF THE WINDOW MULLION. REFER TO HOLLOW METAL AND ALUMINUM FRAME ELEVATIONS FOR DIMENSIONS AND WINDOW MULLION DESIGN AND ROLLER SHADE BRACKETS. VERIFY IN FIELD FOR MANUFACTURING OR INSTALLATION OF ANY PARTS.
 - REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.



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DRAWING NO.
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SEAL:



E. JEFFREY STRAUB
STATE AND LICENSE NO: RA403652

ARCHITECT

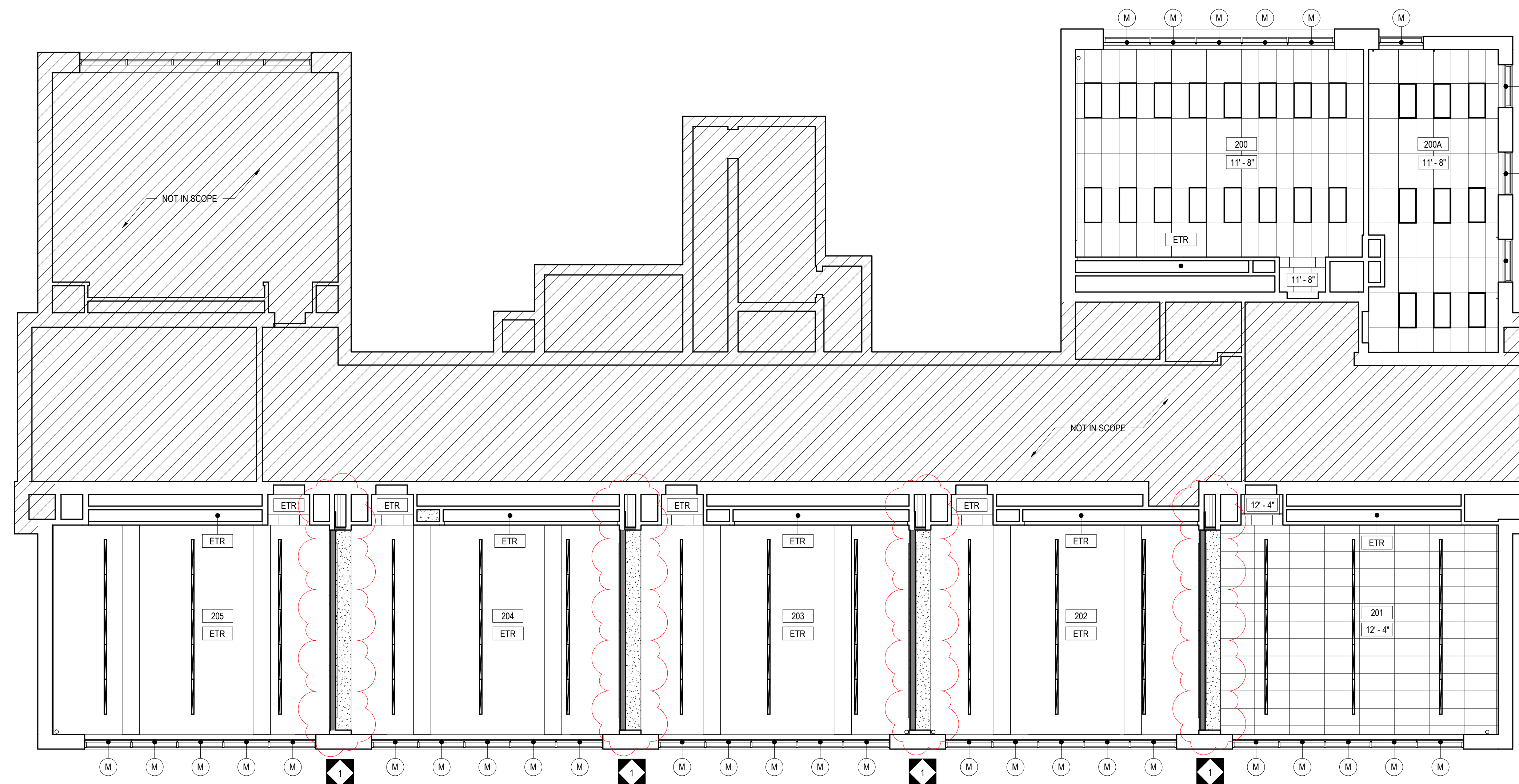
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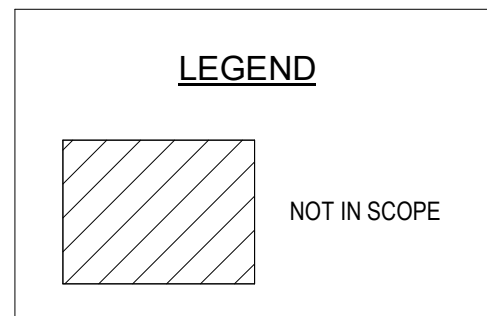
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Phone: 443-309-6036

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A/n: Deepak Ajimane



1 OVERALL SECOND FLOOR REFLECTED CEILING PLAN
A2.2 1/8" = 1'-0"



- REFLECTED CEILING PLAN GENERAL NOTES:**
- UNLESS NOTED OTHERWISE, GYPSUM BULKHEADS TO BE 3/8" METAL STUDS AT 16" O/C WITH 5/8" GWB EACH SIDE, EXTENDING MIN. 1" BELOW ADJACENT CEILING.
 - CEILING GRID SHALL BE COORDINATED WITH MEP EQUIPMENT AND DEVICES.
 - UNLESS NOTED OTHERWISE, ALL VISIBLE STRUCTURAL STEEL, ROOF/FLOOR DECK, DUCTWORK, PIPING, CONDUIT, HANGER WIRES, ETC. AT EXPOSED LOCATIONS OR ABOVE CEILING CLOUDS SHALL BE PAINTED.
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 - FOR WINDOWS THAT REQUIRE TWO OR MORE ROLLER SHADES, EACH ROLLER SHADE SHALL TERMINATE AT THE CENTER OF THE WINDOW MULLION. REFER TO HOLLOW METAL AND ALUMINUM FRAME ELEVATIONS FOR DIMENSIONS AND WINDOW MULLION DESIGN AND ROLLER SHADE BRACKETS. VERIFY IN FIELD FOR MANUFACTURING OR INSTALLATION OF ANY PARTS.
 - REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.

- LEGEND**
- 2' X 4' SUSPENDED CEILING SYSTEM
 - 2' X 4' ACOUSTICAL CEILING TILE, EXISTING GRID TO REMAIN
 - 2' X 2' SUSPENDED CEILING SYSTEM
 - GYPSUM WALLBOARD
 - 2' X 4' LIGHT FIXTURE
 - 1' X 4' LIGHT FIXTURE
 - 2' X 2' LIGHT FIXTURE
 - SEE MEP DRAWINGS
 - SEE MEP DRAWINGS
 - RECESSED DOWN LIGHT
 - PENDANT LIGHT FIXTURES
 - ROLLER SHADE - MANUAL
 - ROLLER SHADE - MANUAL (2)

100% DESIGN SUBMISSION
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PROJECT TITLE
CLASSROOM MODERNIZATION

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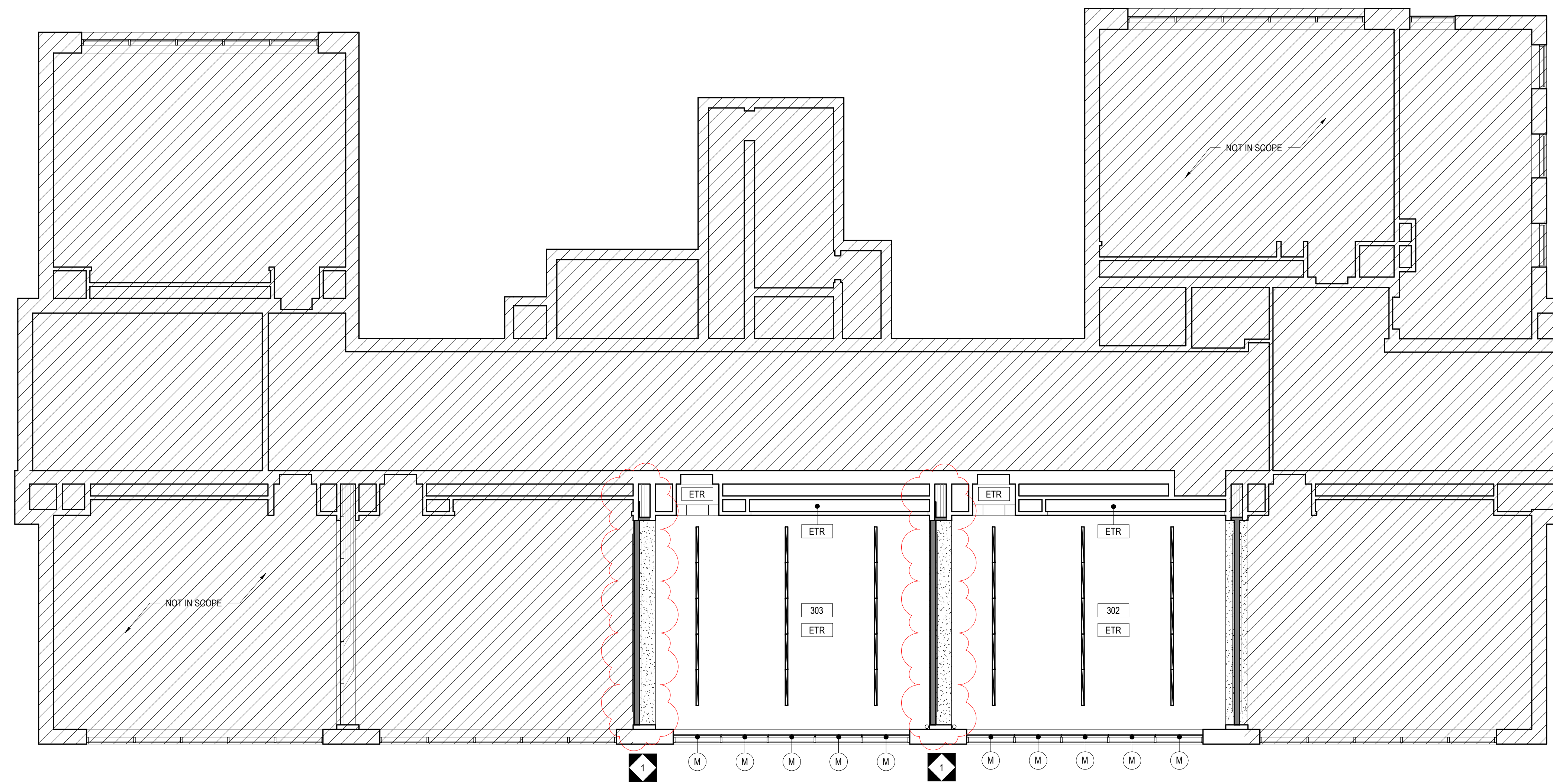
J. JEFFREY STRAUB
STATE AND LICENSE NO: RA403652

ARCHITECT

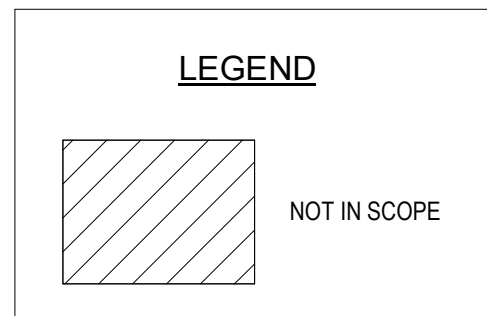
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1 OVERALL THIRD FLOOR REFLECTED CEILING PLAN
A2.3 1/8" = 1'-0"



REFLECTED CEILING PLAN GENERAL NOTES:

- UNLESS NOTED OTHERWISE, GYPSUM BULKHEADS TO BE 3/8" METAL STUDS AT 16" O/C WITH 5/8" GWB EACH SIDE, EXTENDING MIN. 1" BELOW ADJACENT CEILING.
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- REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.

LEGEND

- 2' X 4' SUSPENDED CEILING SYSTEM
- 2' X 4' ACOUSTICAL CEILING TILE, EXISTING GRID TO REMAIN
- 2' X 2' SUSPENDED CEILING SYSTEM
- GYPSUM WALLBOARD
- 2' X 4' LIGHT FIXTURE
- 1' X 4' LIGHT FIXTURE
- 2' X 2' LIGHT FIXTURE
- SEE MEP DRAWINGS
- SEE MEP DRAWINGS
- RECESSED DOWN LIGHT
- PENDANT LIGHT FIXTURES
- ROLLER SHADE - MANUAL
- ROLLER SHADE - MANUAL (2)

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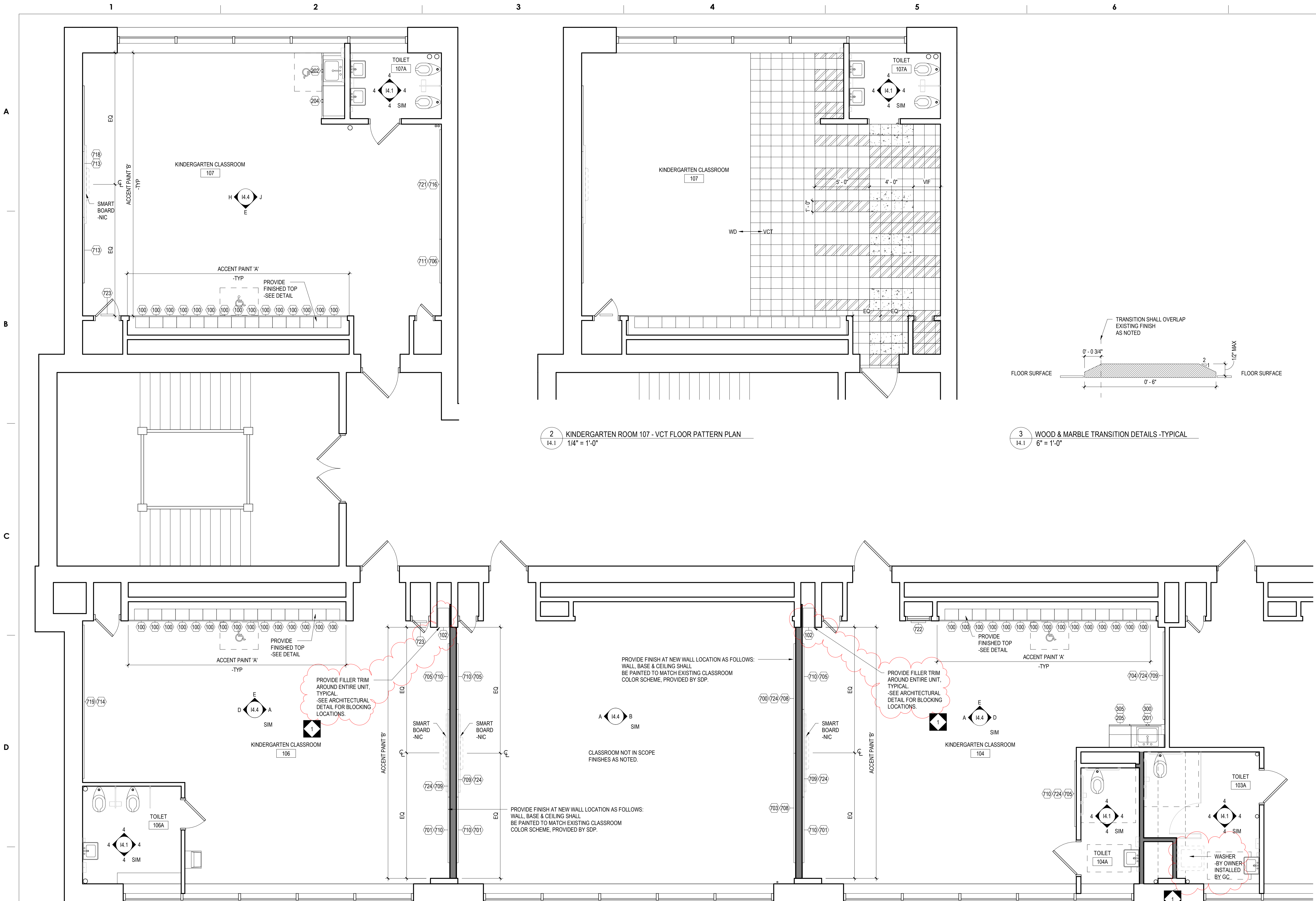
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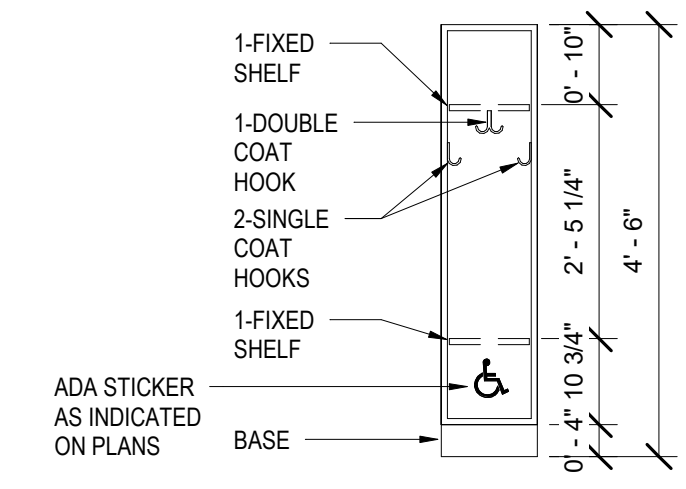


2 KINDERGARTEN ROOM 107 - VCT FLOOR PATTERN PLAN
1/4" = 1'-0"

3 WOOD & MARBLE TRANSITION DETAILS - TYPICAL
1/4" = 1'-0"

4 TOILET ROOM WAINSCOT PATTERN ELEVATION - TYPICAL
1/2" = 1'-0"

*THIS LAYOUT APPLIES TO ALL TOILET ROOMS.



5 SINGLE STUDENT LOCKER ELEVATION - TYPICAL
1/2" = 1'-0"

1 KINDERGARTEN
1/4" = 1'-0"

14.1 - GENERAL CASEWORK AND EQUIPMENT SCHEDULE				
NO	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS
100	OPEN STUDENT WARDROBE W/(1) DOUBLE HOOK & (2) SINGLE HOOKS EACH. MODIFIED TO INCLUDE (2) FIXED SHELVES. SEE CUBBIE DETAIL.	SEE SPECIFICATIONS	--	15"W x 12"D x 54"H
102	OPEN TALL STORAGE UNIT	SEE SPECIFICATIONS	--	12"W x 21"D x 84"H
201	2-DOOR SINK BASE CABINET	SEE SPECIFICATIONS	--	36"W x 24"D x 26"H
202	2-DOOR SINK BASE CABINET	SEE SPECIFICATIONS	--	33"W x 24"D x 26"H
204	2-DOOR BASE CABINET	SEE SPECIFICATIONS	--	33"W x 24"D x 26"H
205	1-DOOR BASE CABINET - RIGHT HINGED	SEE SPECIFICATIONS	--	24"W x 24"D x 26"H
300	2-DOOR WALL CABINET	SEE SPECIFICATIONS	--	36"W x 14"D x 30"H
305	1-DOOR WALL CABINET - RIGHT HINGED	SEE SPECIFICATIONS	--	24"W x 14"D x 30"H
700	MARKERBOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 4'-0"H
701	MARKERBOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 4'-0"H
703	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 4'-0"H
704	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	8'-0"W x 4'-0"H
705	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 4'-0"H
706	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	4'-0"W x 4'-0"H
708	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 1'-0"H
709	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	8'-0"W x 1'-0"H
710	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 1'-0"H
711	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	4'-0"W x 1'-0"H
713	FRAMELESS MARKERBOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	6'-0"W (VIF) x 4'-0"H (VIF)
714	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	14'-0"W (VIF) x 4'-0"H (VIF)
716	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	10'-0"W (VIF) x 4'-0"H (VIF)
718	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	18'-0"W (VIF) x 1'-0"H (VIF)
719	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	14'-0"W (VIF) x 1'-0"H (VIF)
721	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	10'-0"W (VIF) x 1'-0"H (VIF)
722	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	1'-4"W (VIF) x 3'-9"H (VIF)
723	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	1'-2"W (VIF) x 5'-2"H (VIF)
724	TACK STRIP	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	WIDTH TO FIT x 2"H

GENERAL NOTES TO APPLY TO ALL 14 DRAWINGS

- MOUNTING HEIGHT SCHEDULE IS APPLICABLE TO MOST ROOMS. IN INSTANCE WHERE NOTE/DETAILS ON DRAWINGS DO NOT COINCIDE WITH THE SCHEDULE, THE DRAWINGS TAKE PRECEDENCE.
- ALL BASE CABINETS SHALL RECEIVE A CONTINUOUS 1-1/8" THICK SIMULATED STONE COUNTERTOP WITH A 4"H BACKSPASH UNLESS NOTED OTHERWISE. THE DEPTH OF THE COUNTERTOP SHALL EXTEND 3/4" PAST THE DEPTH OF THE BASE CABINET.
- COUNTERTOPS THAT RETURN INTO A WALL(S) SHALL RECEIVE BACKSPASH THAT WRAPS CORNER ALONG WALL(S).
- WHERE COLUMNS, WINDOWS OR OTHER BUILDING COMPONENTS CONFLICT WITH CASEWORK DIMENSIONAL REQUIREMENTS, FIELD VERIFY DIMENSIONS AND PROVIDE CUSTOM UNIT TO ALLOW PROPER FITTING.
- ALL EXPOSED ENDS OF CASEWORK SHALL RECEIVE FINISHED END PANELS.
- COLOR FOR INTERIOR OF OPEN CABINETS SHALL MATCH EXTERIOR COLOR.
- ALL VISUAL DISPLAY AREAS (MARKER BOARDS AND/OR TACK BOARDS) 10'-0"W OR LONGER SHALL RECEIVE 2"H MAP RAIL THAT SPANS FROM VERTICAL EDGE TO VERTICAL EDGE.
- PROVIDE WOOD BLOCKING IN METAL STUD WALLS, PER MANUFACTURER'S RECOMMENDATIONS, TO RECEIVE THE SMART BOARD WALL BRACKET.
- IN ROOMS RECEIVING RESILIENT BASE, ADHERE TO ALL WALLS, BASE CABINET TOE KICKS, AND EXPOSED END PANELS. REFER TO SPECIFICATIONS FOR LOCATION OF 4" AND 6" BASE.
- SEE REFLECTED CEILING PLANS FOR LOCATION OF WINDOW TREATMENTS.
- STAINLESS STEEL SINKS, FAUCETS, AND BUBBLERS SHALL BE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR.
- TELEPHONE UNITS AND SYSTEMS ARE NOT IN CONTRACT.
- COORDINATE ALL LARGE SCALE PLANS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- NIC = NOT IN CONTRACT
- WHEN DESCRIPTION AND MODEL NUMBER IN CASEWORK AND EQUIPMENT SCHEDULE CONFLICT, THE DESCRIPTION TAKES PRECEDENCE.
- OPP = OPPOSITE HAND
- COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH INTERIOR ELEVATIONS. IN INSTANCE WHERE FLOOR PLANE/ELEVATIONS DO NOT COINCIDE, FLOOR PLAN LAYOUT TAKES PRECEDENCE.
- VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.
- OWNER PROVIDED, CONTRACTOR INSTALLED VISUAL DISPLAY BOARDS SHALL ALL BE VERIFIED IN FIELD, PRIOR TO FABRICATION & INSTALLATION.

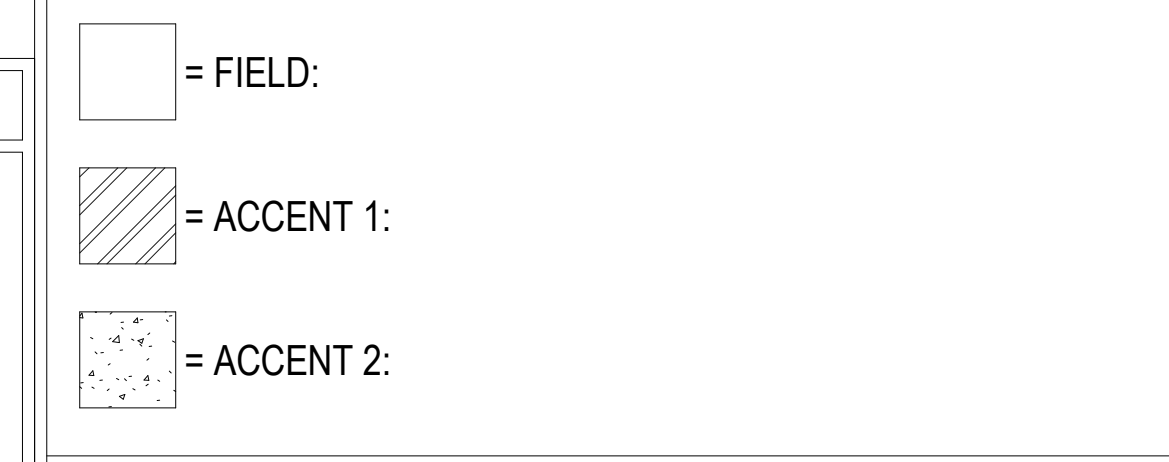
PRE-K & KINDERGARTEN MOUNTING HEIGHT SCHEDULE	
MARKER BOARD	2'-0" AFF TO BOTTOM EDGE
TACK BOARD	2'-0" AFF TO BOTTOM EDGE
BASE CABINETS	2'-2" AFF TO TOP OF COUNTERTOP
WALL CABINETS	SEE TYPICAL SECTION DETAIL
SMART-BOARD	CENTERED ON THE WALL

NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTED NEXT TO OR ON THE SAME WALL AS AN EXISTING TACK BOARD OR MARKER BOARD MATCH EXISTING HEIGHT.

GENERAL NOTE IN REFERENCE TO ALL FLOOR PATTERN DWG

- DRAWING IS FOR FLOOR PATTERN USE ONLY.
- CONTRACTOR SHALL PROVIDE TRANSITION STRIPS BETWEEN MATERIALS AS OUTLINED IN DRAWINGS.
- PROVIDE FLASH PATCHING FOR CONTINUOUS TRANSITION OF ADJOINING MATERIAL.

FLOOR PATTERN LEGEND



FLOOR TRANSITION SCHEDULE

VCT TO WD	JOHNSONITE NO. SSR-XX-B (1/8")
PT TO VCT	MARBLE
PT TO WD	MARBLE

SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

EXISTING FLOOR TRANSITION SCHEDULE (WHERE OCCURS)

CT TO WD	MARBLE
CT TO VCT	MARBLE
WD TO WD	WOOD
WD TO SCONC	WOOD
VCT TO VAT	JOHNSONITE NO. SSR-XX-B (1/8")
VCT TO WD	JOHNSONITE NO. SSR-XX-B (1/8")
VCT TO SCONC	JOHNSONITE NO. SSR-XX-B (1/8")

SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

100% DESIGN SUBMISSION
1/22/2020

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2		
1	3/5/2020	ADDENDUM # 1
NO.	DATE	REVISION

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PROJECT TITLE
CLASSROOM MODERNIZATION

DRAWING TITLE
LARGE SCALE LAYOUTS - KINDERGARTEN

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
B-031C OF 2019 / 20	B-033C OF 2019 / 20
DRAWING NO.	14.1



ARCHITECT

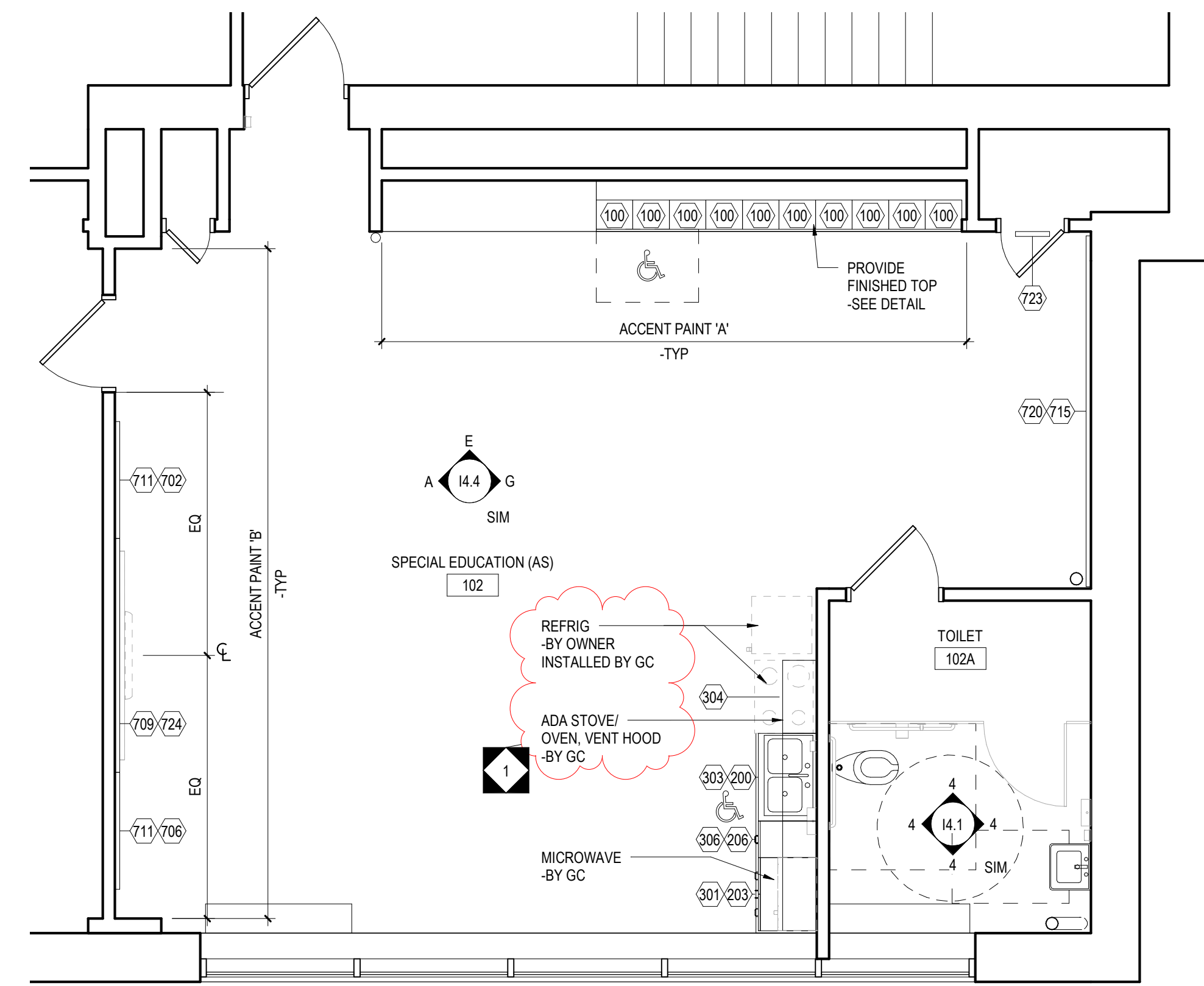
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Attn: Jessie Harder

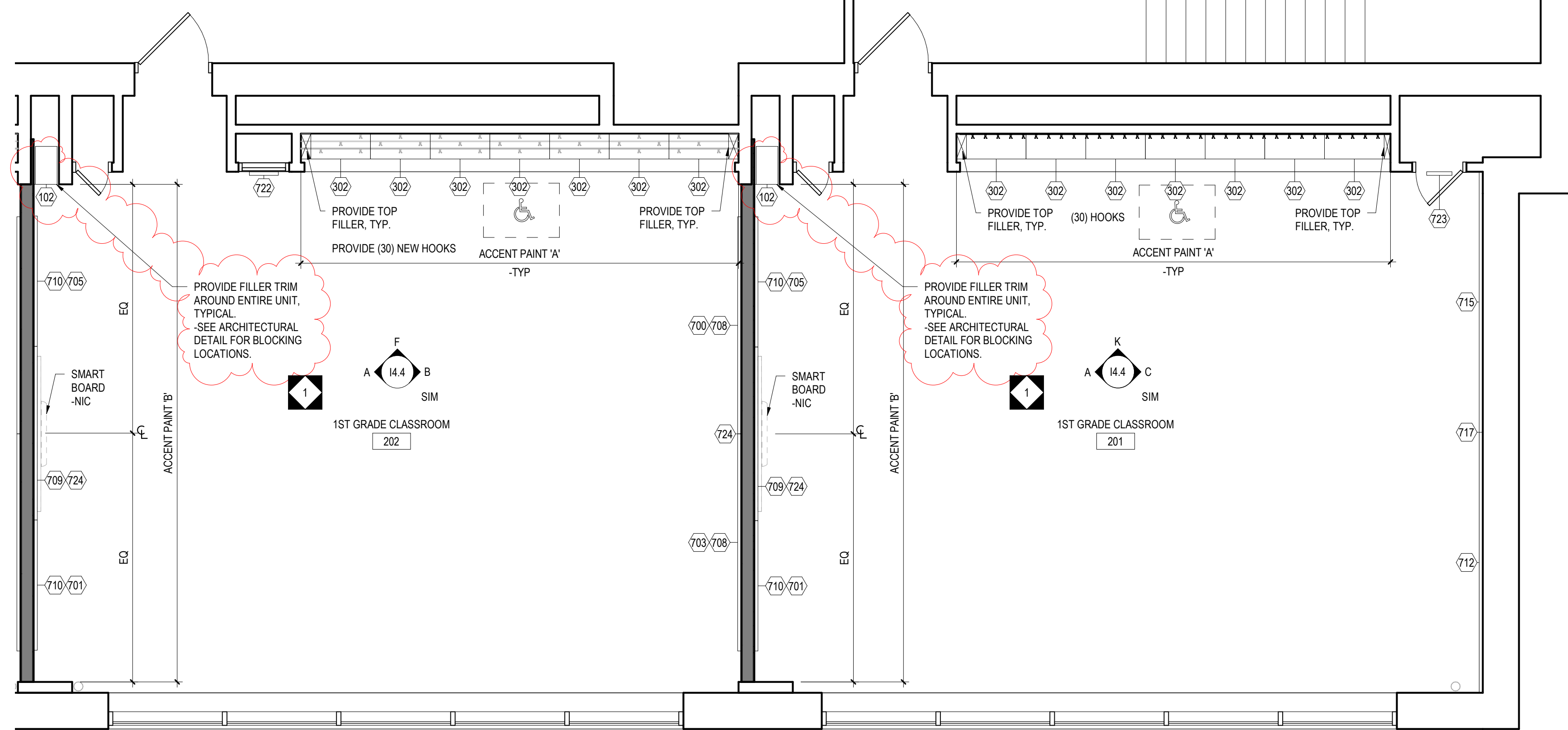
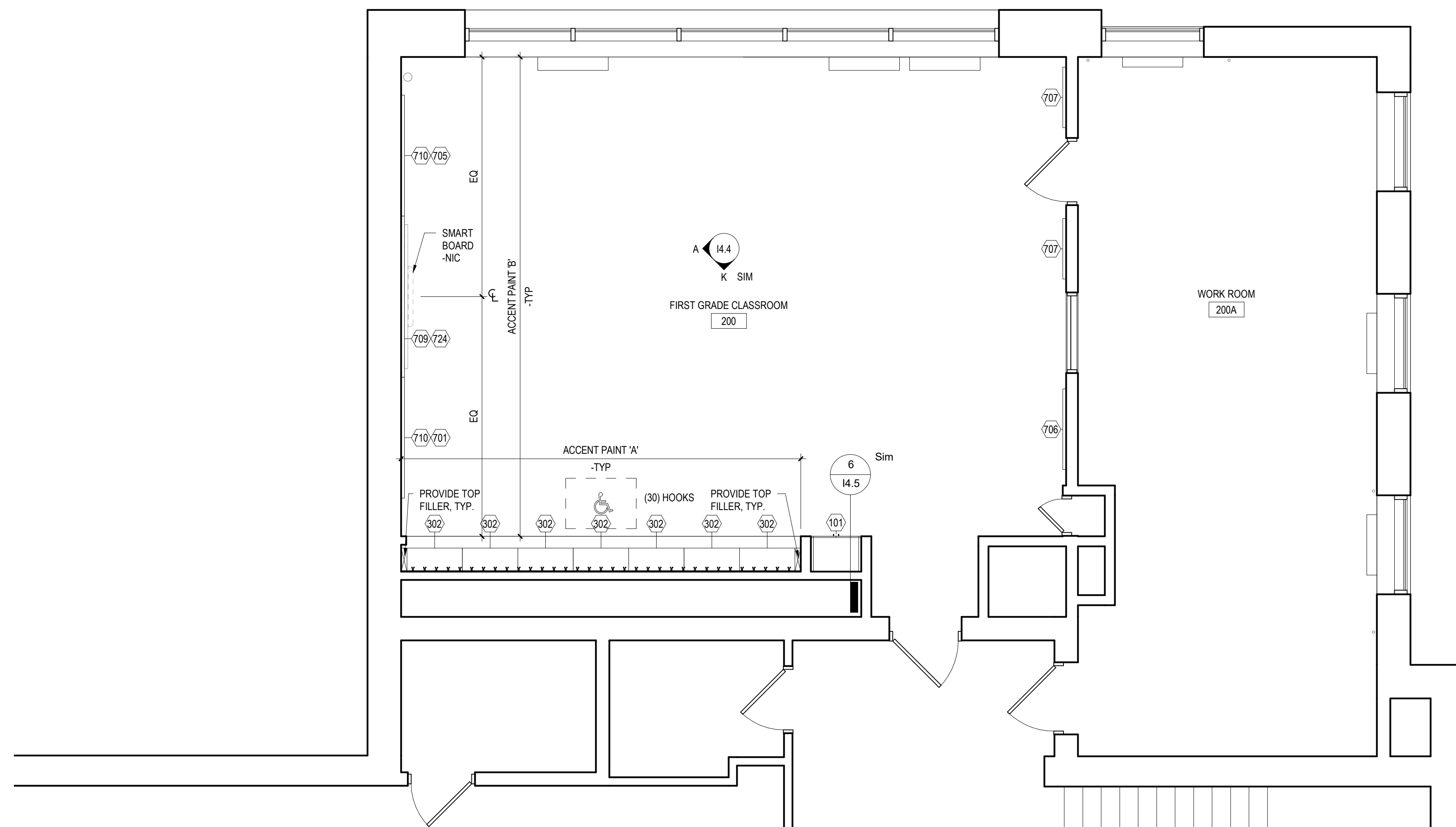
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2 SPECIAL EDUCATION
1/4" = 1'-0"



1 FIRST GRADE
1/4" = 1'-0"

GRADE 1-3 MOUNTING HEIGHT SCHEDULE

MARKER BOARD	2'-6" AFF TO BOTTOM EDGE
TACK BOARD	2'-6" AFF TO BOTTOM EDGE
BASE CABINETS	2'-6" AFF TO TOP OF COUNTERTOP
WALL CABINETS	SEE TYPICAL SECTION DETAIL
SMART-BOARD	CENTERED ON THE WALL

NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTED NEXT TO OR ON THE SAME WALL AS AN EXISTING TACK BOARD OR MARKER BOARD MATCH EXISTING HEIGHT.

SPECIAL EDUCATION MOUNTING HEIGHT SCHEDULE

MARKER BOARD	VARIES - SEE APPLICABLE MOUNTING SCHEDULE
TACK BOARD	VARIES - SEE APPLICABLE MOUNTING SCHEDULE
BASE CABINETS	2'-8" AFF TO TOP OF COUNTER
WALL CABINETS	7'-0" AFF TO TOP OF CABINET
SMART BOARD	CENTERED ON THE WALL

NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTED NEXT TO OR ON THE SAME WALL AS AN EXISTING TACK BOARD OR MARKER BOARD, MATCH EXISTING HEIGHT.

I4.2 - GENERAL CASEWORK AND EQUIPMENT SCHEDULE

NO	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS
100	OPEN STUDENT WARDROBE W/ (1) DOUBLE HOOK & (2) SINGLE HOOKS EACH, MODIFIED TO INCLUDE (2) FIXED SHELVES. SEE CUBBIE DETAIL.	SEE SPECIFICATIONS	--	15"W x 12"D x 54"H
101	2-DOOR TALL STORAGE	SEE SPECIFICATIONS	--	27"W x 21"D x 84"H (VIF)
102	OPEN TALL STORAGE UNIT	SEE SPECIFICATIONS	--	12"W x 21"D x 84"H
200	ADA VANITY SINK BASE CABINET	SEE SPECIFICATIONS	--	36"W x 24"D x 34"H
203	2-DOOR/2-DRAWER BASE CABINET	SEE SPECIFICATIONS	--	30"W x 24"D x 34"H
206	4-EQUAL DRAWER BASE CABINET	SEE SPECIFICATIONS	--	15"W x 24"D x 34"H
301	2-DOOR WALL CABINET	SEE SPECIFICATIONS	--	30"W x 14"D x 30"H
302	OPEN WALL CABINET	SEE SPECIFICATIONS	--	33"W x 14"D x 24"H
303	2-DOOR WALL CABINET	SEE SPECIFICATIONS	--	36"W x 14"D x 18"H
304	2-DOOR WALL CABINET	SEE SPECIFICATIONS	--	30"W x 14"D x 18"H
306	1-DOOR WALL CABINET - RIGHT HINGED	SEE SPECIFICATIONS	--	15"W x 14"D x 30"H
700	MARKERBOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 4'-0"H
701	MARKERBOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 4'-0"H
702	MARKERBOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	4'-0"W x 4'-0"H
703	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 4'-0"H
705	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 4'-0"H
706	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	4'-0"W x 4'-0"H
707	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	3'-0"W x 4'-0"H
708	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 1'-0"H
709	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	8'-0"W x 1'-0"H
710	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 1'-0"H
711	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	4'-0"W x 1'-0"H
712	FRAMELESS MARKERBOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	12'-0"W (VIF) x 4'-0"H (VIF)
715	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	12'-0"W (VIF) x 4'-0"H (VIF)
717	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	24'-0"W (VIF) x 1'-0"H (VIF)
720	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	12'-0"W (VIF) x 1'-0"H (VIF)
722	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	1'-4"W (VIF) x 3'-9"H (VIF)
723	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	1'-2"W (VIF) x 5'-2"H (VIF)
724	TACK STRIP	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	WIDTH TO FIT x 2"H

100% DESIGN SUBMISSION
1/22/2020

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1 3/5/2020 ADDENDUM # 1
NO. DATE REVISION

SCHOOL & LOCATION
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PROJECT TITLE
CLASSROOM MODERNIZATION

DRAWING TITLE
LARGE SCALE LAYOUTS - FIRST GRADE & SPECIAL EDUCATION

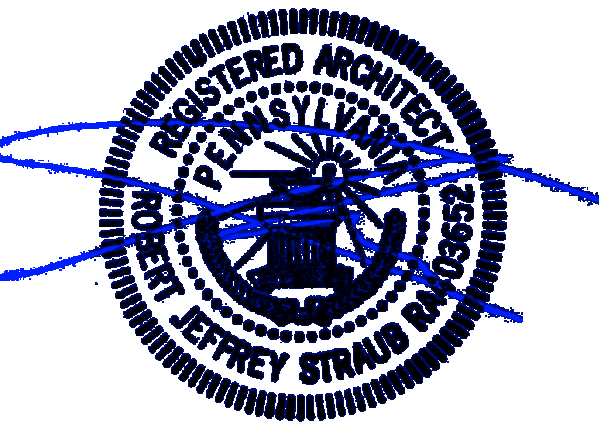
LOCATION NO. FILE NO.

DRAWN BY CHECKED BY

B-031C OF 2019 / 20
B-033C OF 2019 / 20

DRAWING NO.
14.2

SEAL:



J. JEFFREY STRAUB
STATE AND LICENSE NO: RA403652

ARCHITECT

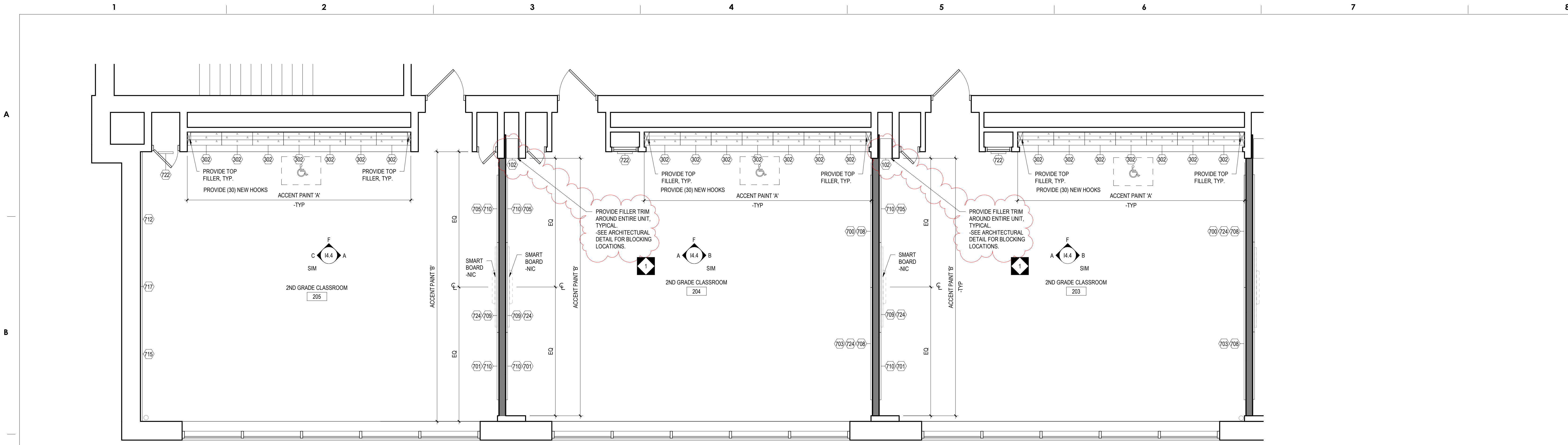
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Phone: 717-458-0272

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Attn: Jessie Harder

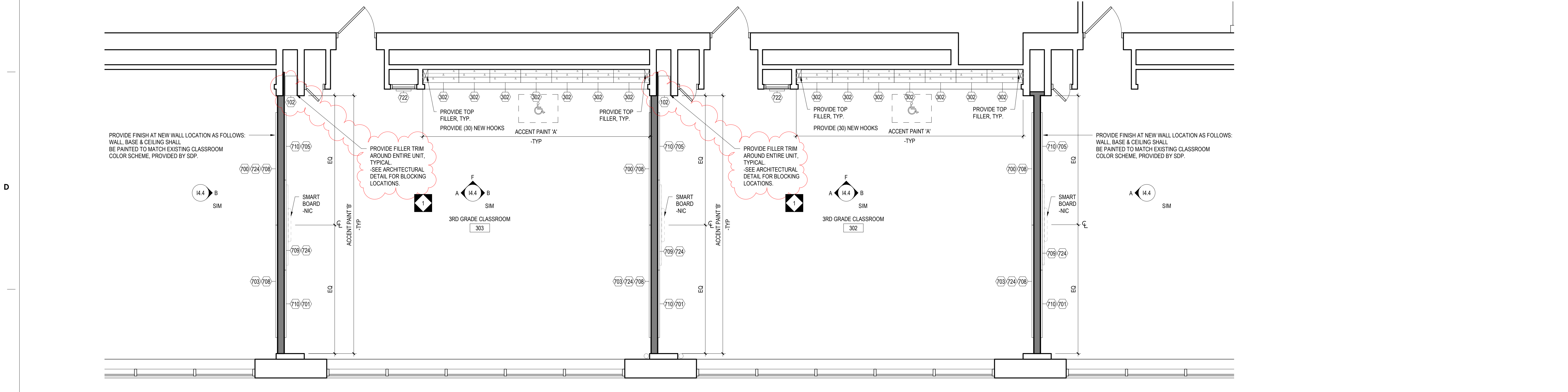
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1 SECOND GRADE
1/4" = 1'-0"



2 THIRD GRADE
1/4" = 1'-0"

GRADE 1-3 MOUNTING HEIGHT SCHEDULE	
MARKER BOARD	2'-6" AFF TO BOTTOM EDGE
TACK BOARD	2'-6" AFF TO BOTTOM EDGE
BASE CABINETS	2'-6" AFF TO TOP OF COUNTERTOP
WALL CABINETS	SEE TYPICAL SECTION DETAIL
SMART-BOARD	CENTERED ON THE WALL

NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTED NEXT TO OR ON THE SAME WALL AS AN EXISTING TACK BOARD OR MARKER BOARD MATCH EXISTING HEIGHT.

14.3 - GENERAL CASEWORK AND EQUIPMENT SCHEDULE				
NO.	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS
102	OPEN TALL STORAGE UNIT	SEE SPECIFICATIONS	-	12"W x 21"D x 84"H
302	OPEN WALL CABINET	SEE SPECIFICATIONS	-	33"W x 14"D x 24"H
700	MARKERBOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 4'-0"H
701	MARKERBOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 4'-0"H
703	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 4'-0"H
705	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 4'-0"H
708	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 1'-0"H
709	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	8'-0"W x 1'-0"H
710	TACK BOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	6'-0"W x 1'-0"H
712	FRAMELESS MARKERBOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	12'-0"W (VIF) x 4'-0"H (VIF)
715	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	12'-0"W (VIF) x 4'-0"H (VIF)
717	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	24'-0"W (VIF) x 1'-0"H (VIF)
722	FRAMELESS TACK BOARD INFILL	SEE SPECIFICATIONS	SEE SPECIFICATIONS	1'-4"W (VIF) x 3'-9"H (VIF)
724	TACK STRIP	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	WIDTH TO FIT x 2"H

100% DESIGN SUBMISSION
1/22/2020

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1	3/5/2020	ADDENDUM # 1
NO.	DATE	REVISION

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PROJECT TITLE
CLASSROOM MODERNIZATION

DRAWING TITLE
LARGE SCALE LAYOUTS - SECOND & THIRD GRADE

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY

DRAWING NO.
14.3

B-031C OF 2019 / 20
B-033C OF 2019 / 20

SEAL:



R. JEFFREY STRAUB
STATE AND LICENSE NO. R4403652

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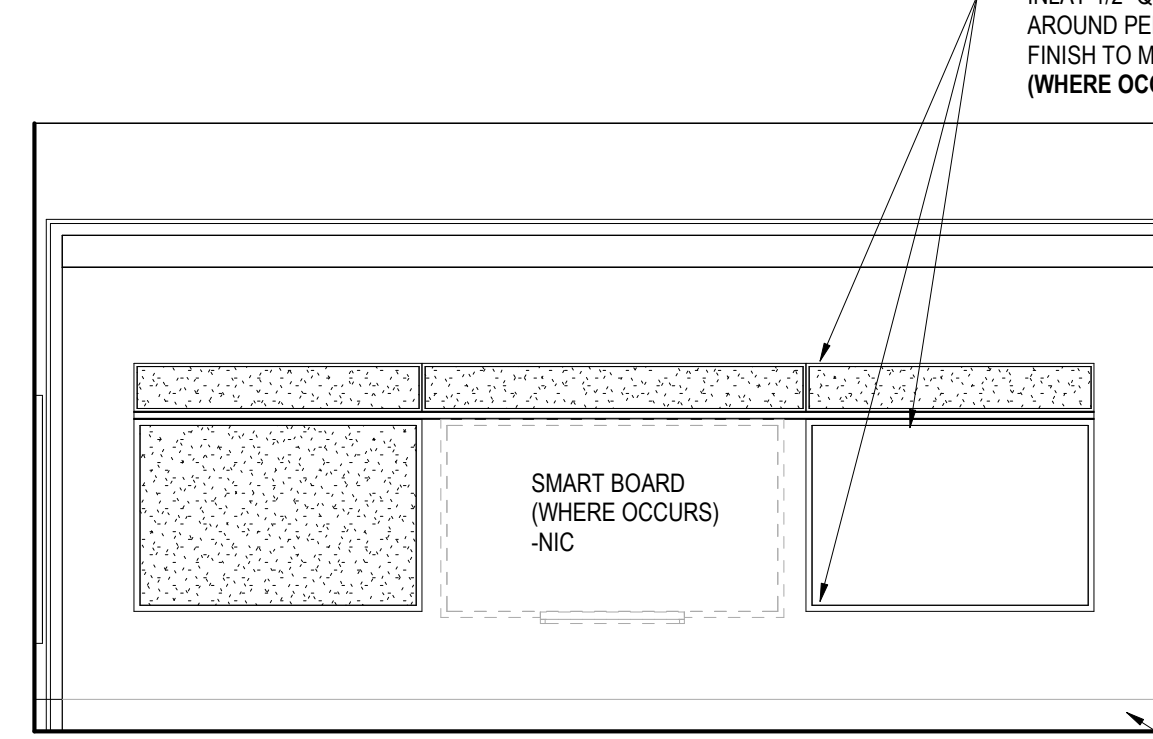
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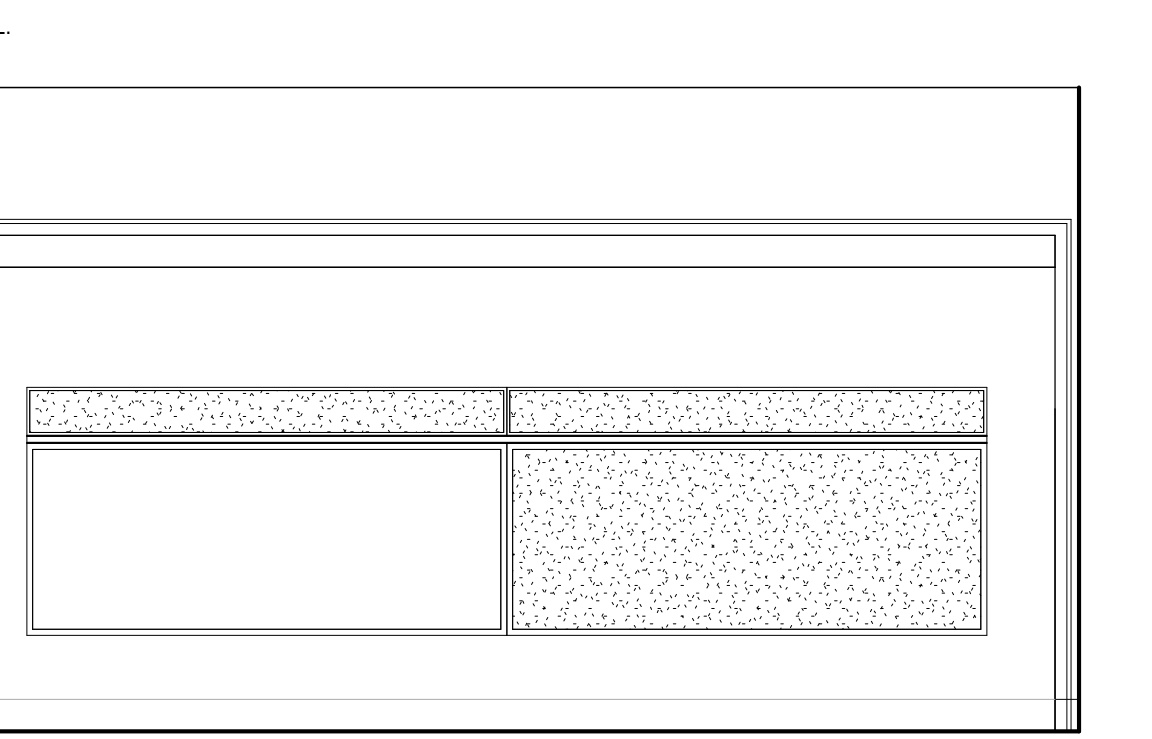
Email: deepak@seitz.com
Attn: Deepak Ajmani

NOTE: ALL EXISTING WOOD FRAME DISPLAY BOARDS TO BE STRIPPED, SANDED AND PATCHED OF ANY PENETRATIONS. REMOVE ANY AND ALL NAILS, STAPLES, ADHESIVES ETC. PREPARE ENTIRE ASSEMBLY TO BE REFINISHED AS SCHEDULED. (WHERE OCCURS)



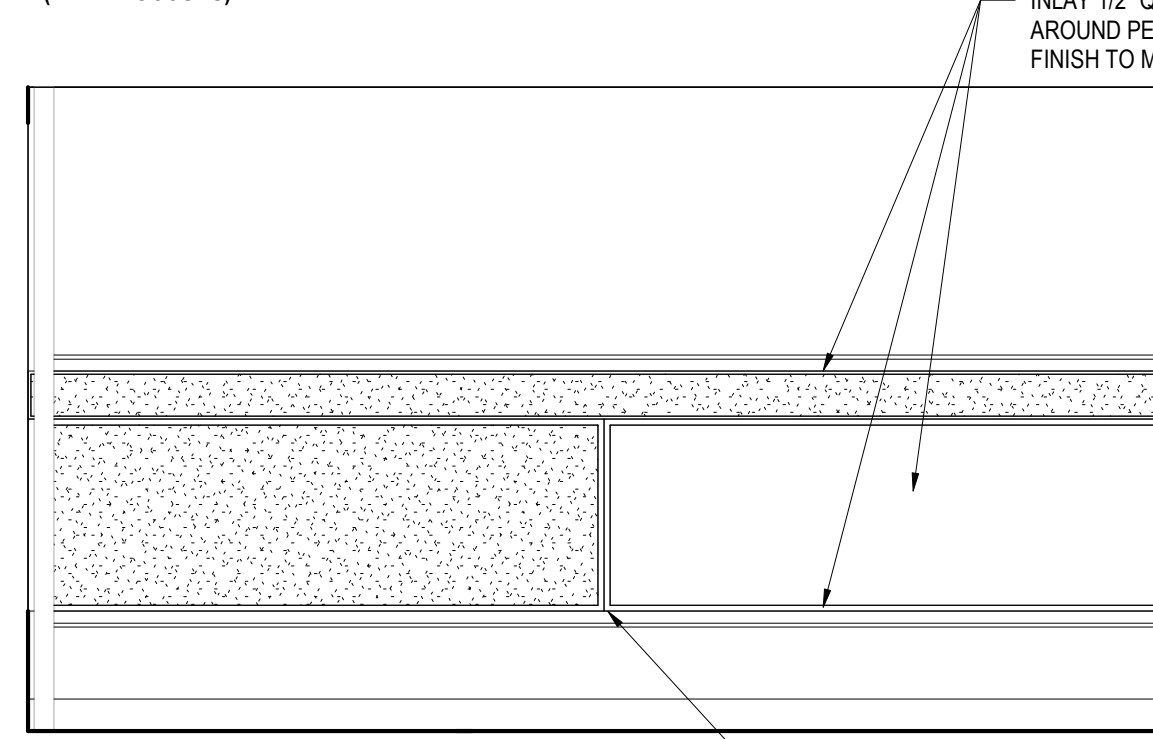
NOTE: COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH FLOOR PLAN. IN INSTANCE WHERE FLOOR PLANELEVATIONS DO NOT COINCIDE, FLOOR PLAN LAYOUT TAKES PRECEDENCE. VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.

NOTE: ALL EXISTING WOOD FRAME DISPLAY BOARDS TO BE STRIPPED, SANDED AND PATCHED OF ANY PENETRATIONS. REMOVE ANY AND ALL NAILS, STAPLES, ADHESIVES ETC. PREPARE ENTIRE ASSEMBLY TO BE REFINISHED AS SCHEDULED. (WHERE OCCURS)



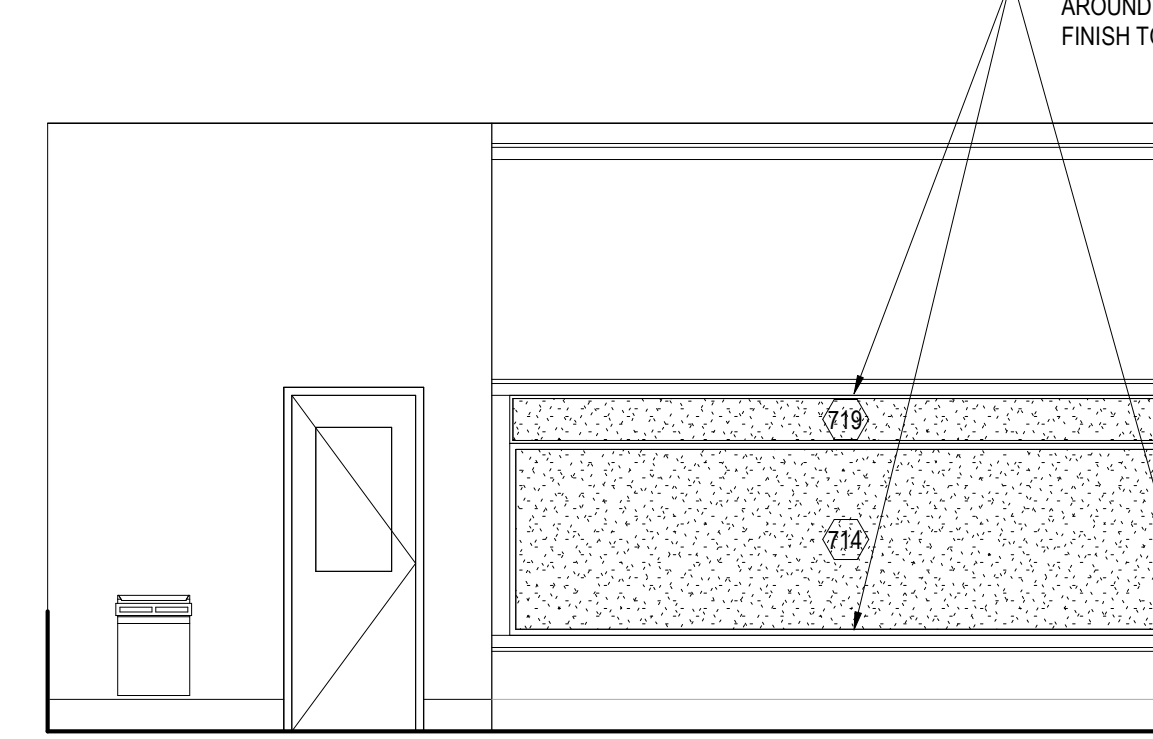
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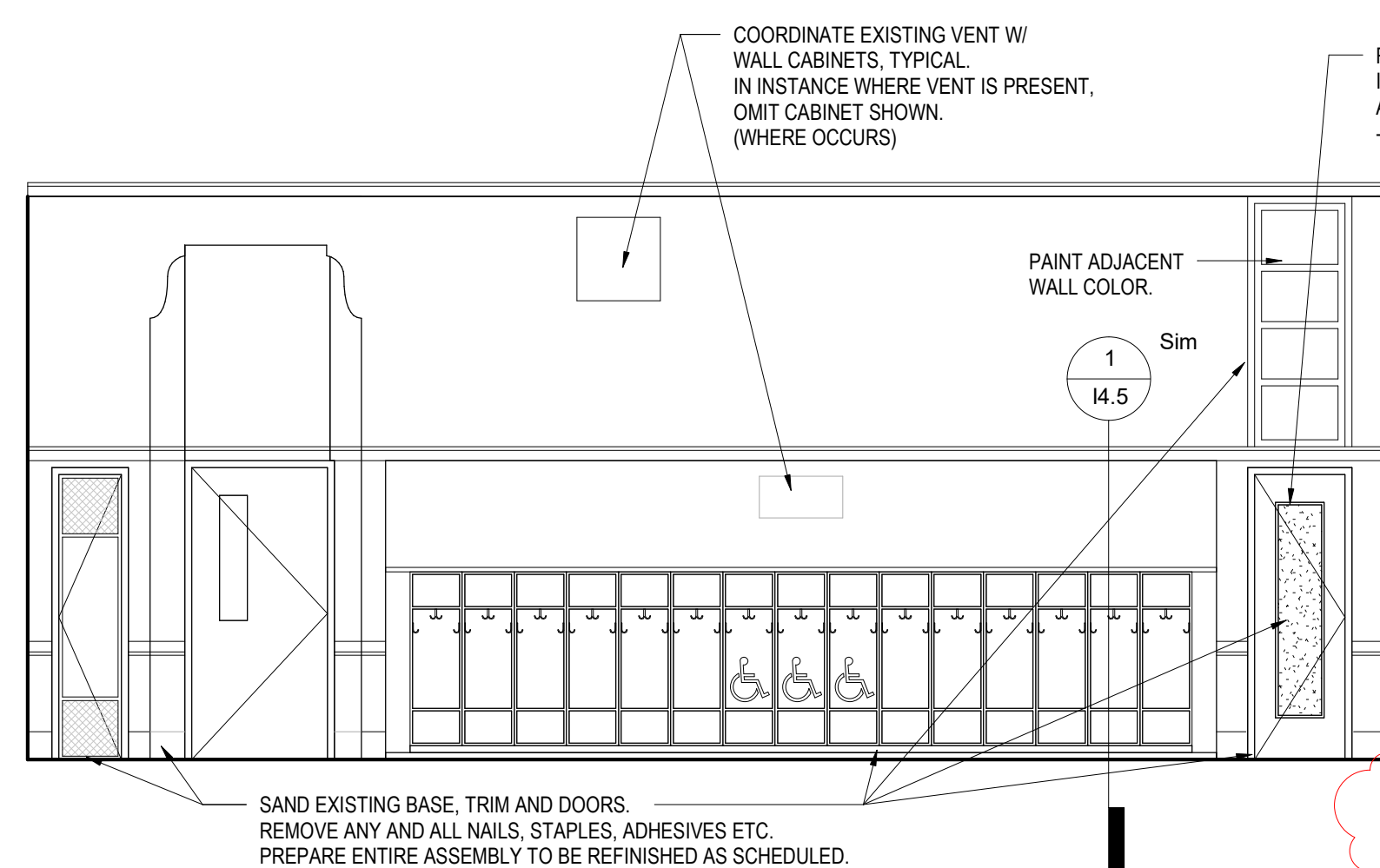
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A PRIMARY TEACHING WALL 'A' - TYPICAL
1/4" = 1'-0"

B NEW SECONDARY TEACHING WALL 'A' - TYPICAL
1/4" = 1'-0"

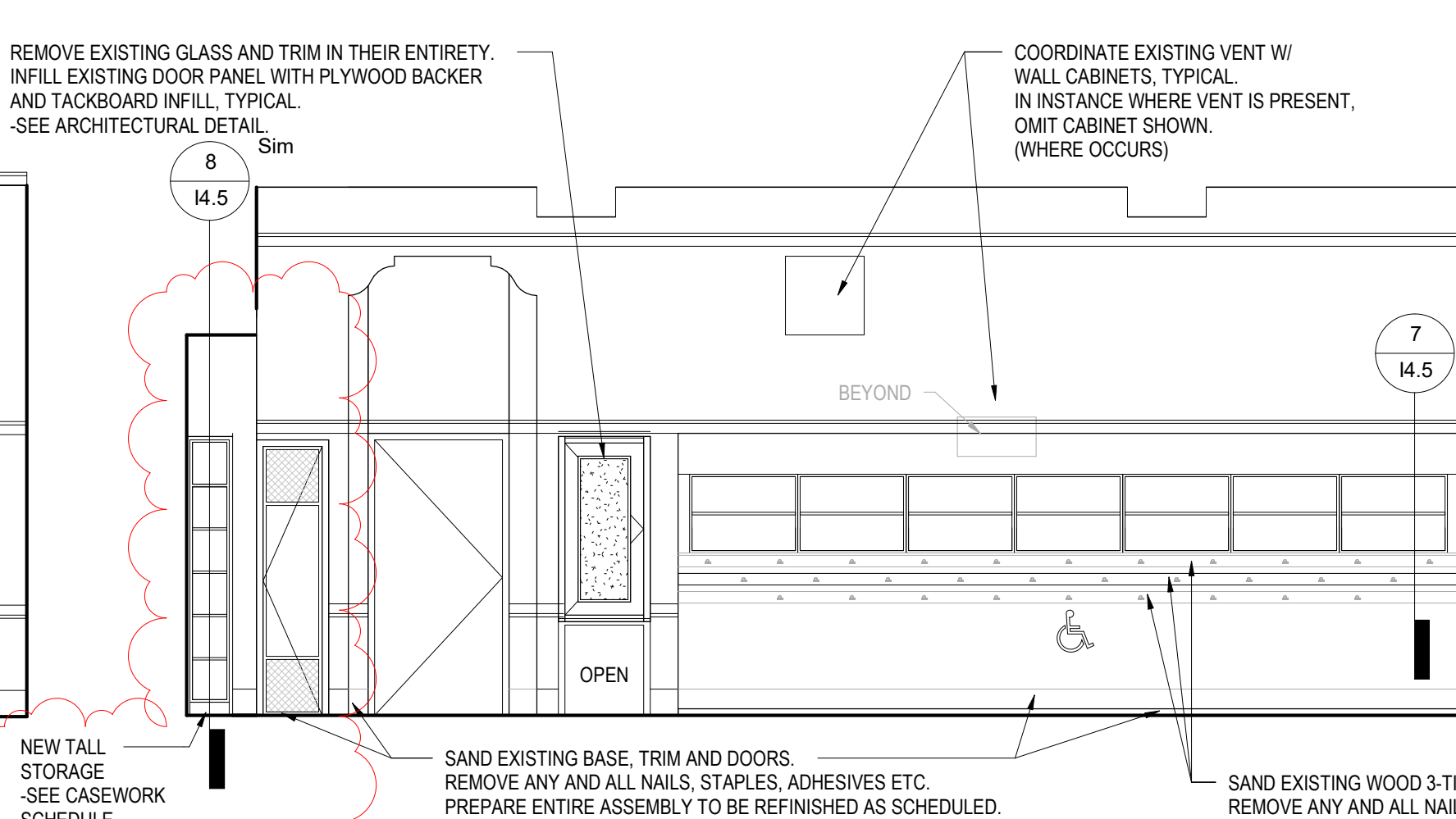
C EXISTING SECONDARY TEACHING WALL 'B' - TYPICAL
1/4" = 1'-0"

D SECONDARY TEACHING WALL - ROOM 106
1/4" = 1'-0"



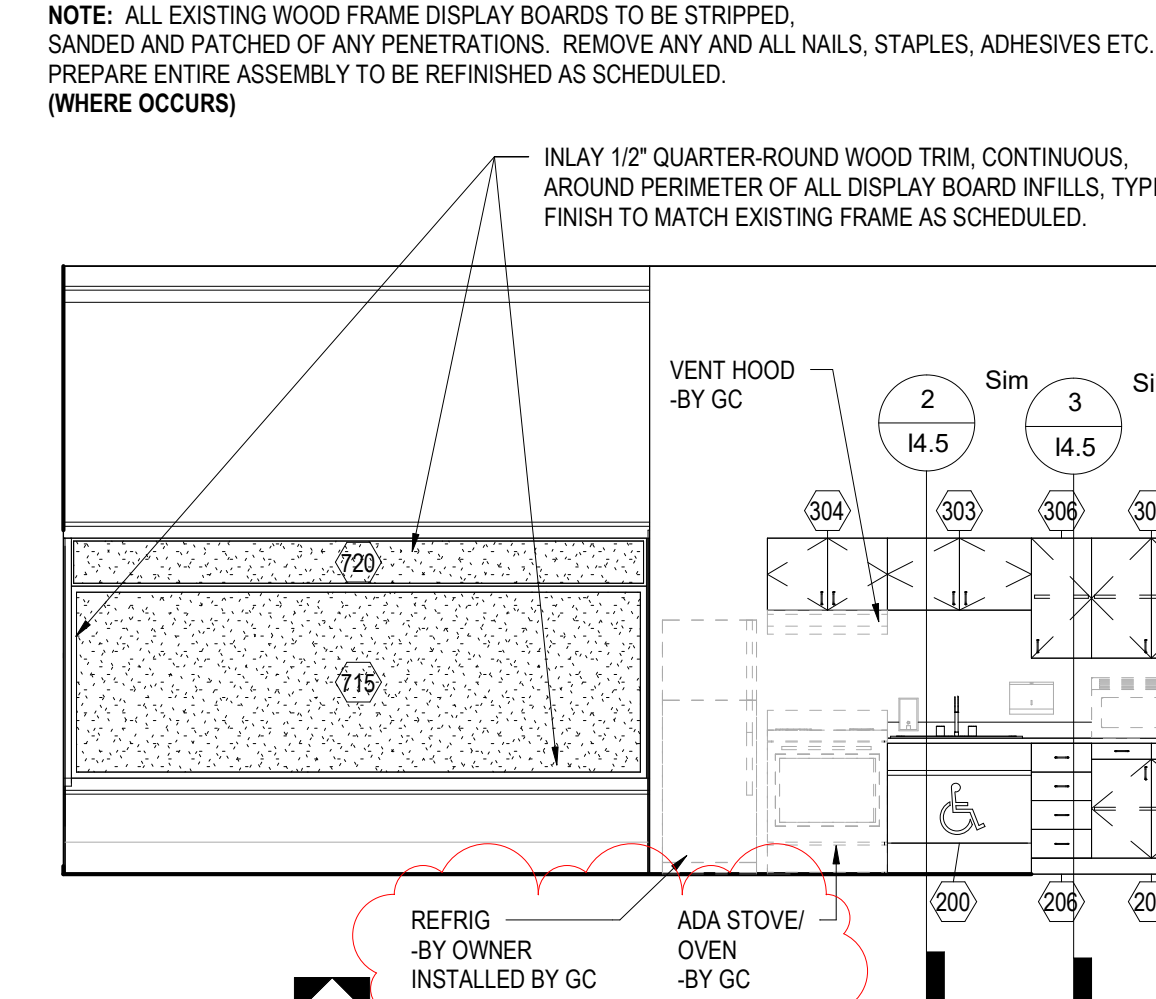
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E ALCOVE CUBBIE LAYOUT - TYPICAL
1/4" = 1'-0"



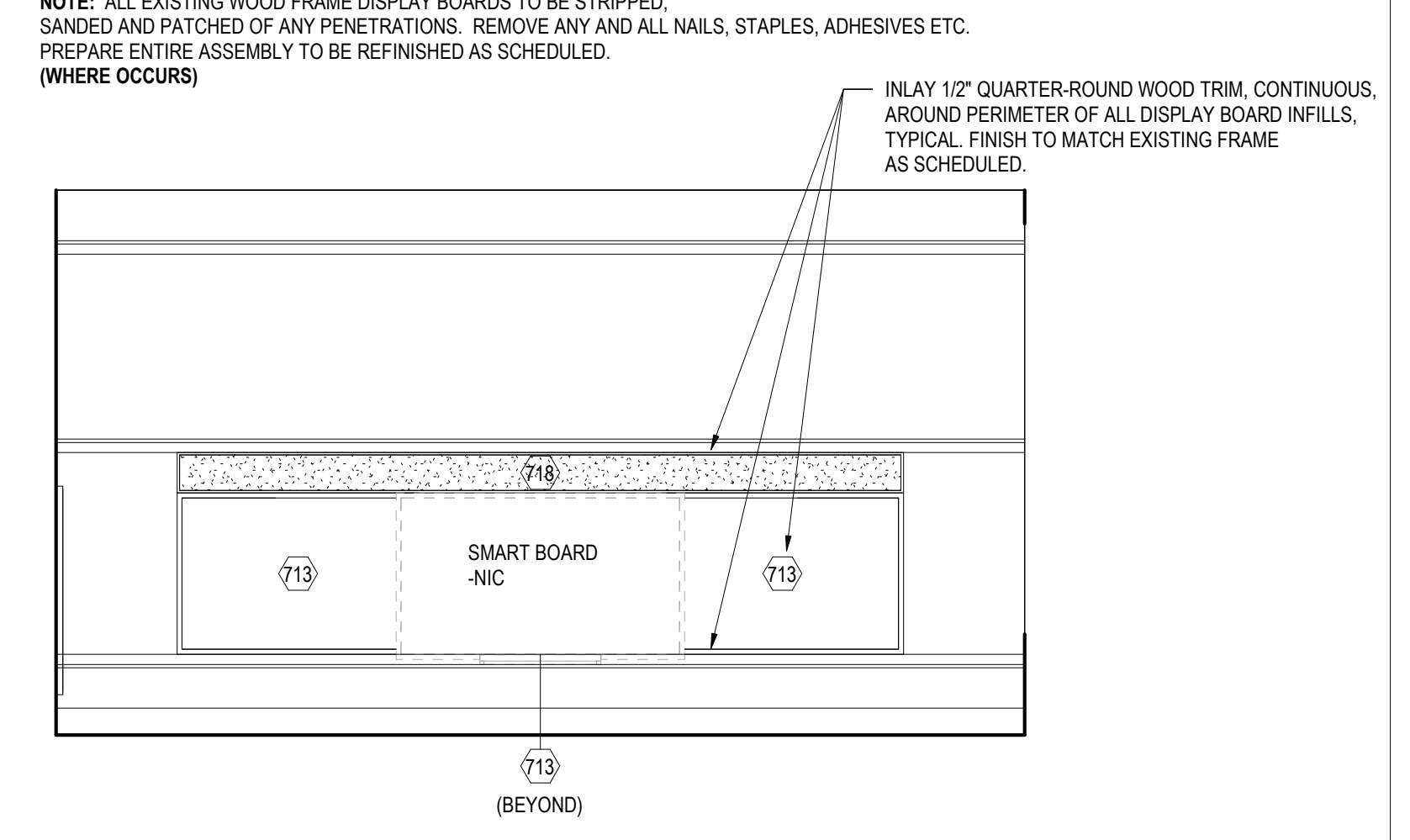
NOTE: COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH FLOOR PLAN. IN INSTANCE WHERE FLOOR PLANELEVATIONS DO NOT COINCIDE, FLOOR PLAN LAYOUT TAKES PRECEDENCE. VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.

F ALCOVE EXISTING COAT HOOKS AND NEW WALL CABINETS - TYPICAL
1/4" = 1'-0"



NOTE: COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH FLOOR PLAN. IN INSTANCE WHERE FLOOR PLANELEVATIONS DO NOT COINCIDE, FLOOR PLAN LAYOUT TAKES PRECEDENCE. VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.

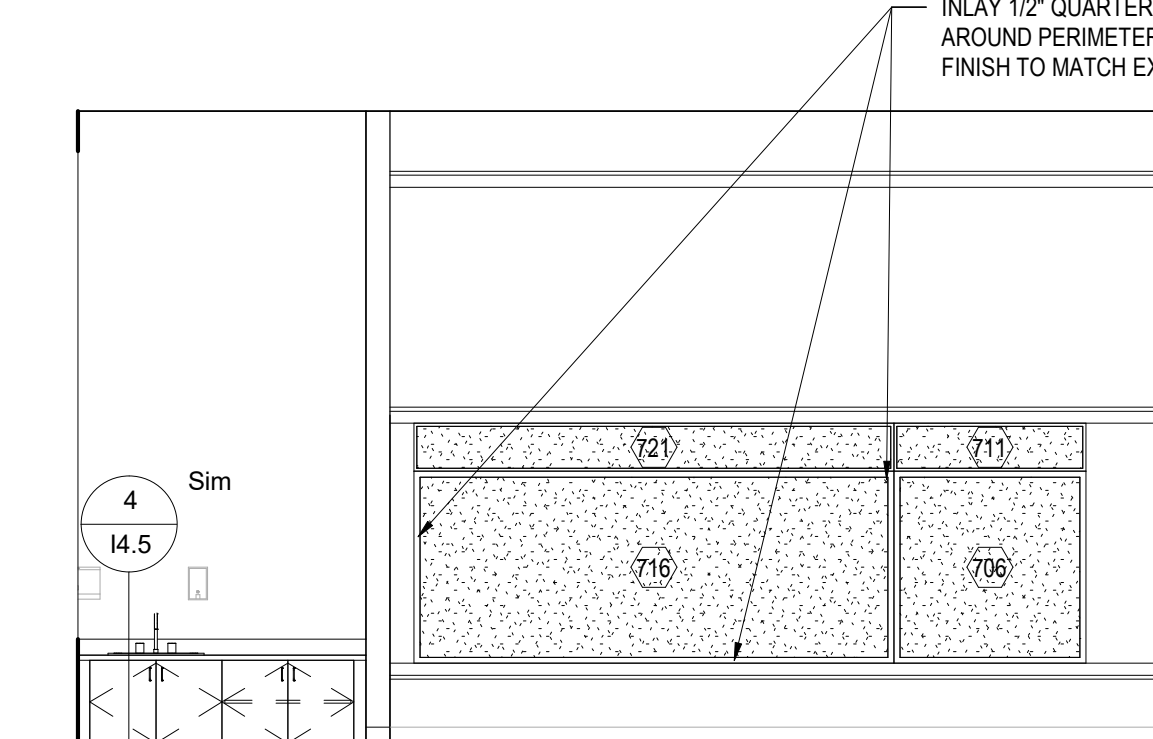
G SPECIAL EDUCATION CASEWORK - ROOM 102
1/4" = 1'-0"



NOTE: COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH FLOOR PLAN. IN INSTANCE WHERE FLOOR PLANELEVATIONS DO NOT COINCIDE, FLOOR PLAN LAYOUT TAKES PRECEDENCE. VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.

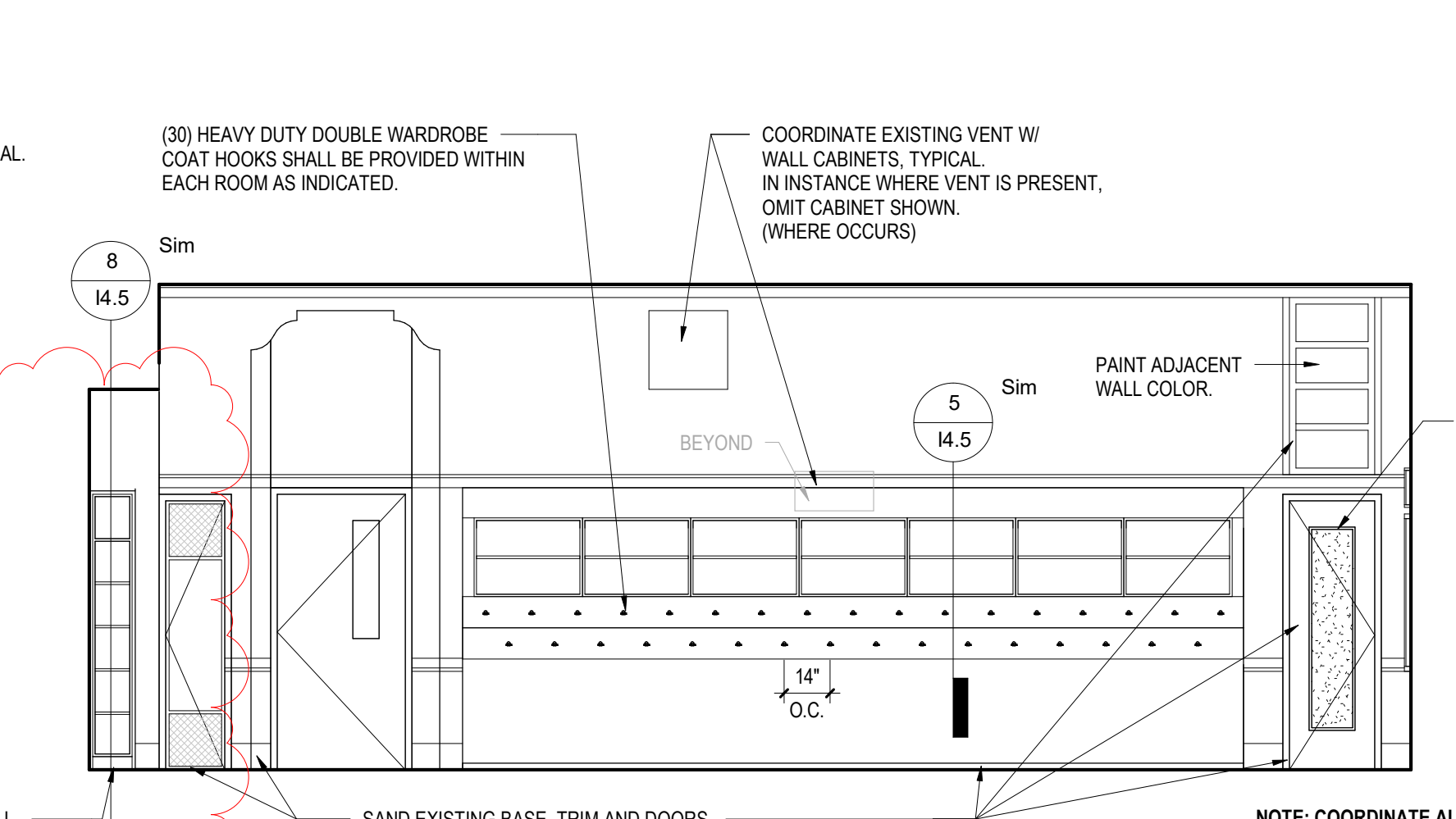
H PRIMARY TEACHING WALL - ROOM 107
1/4" = 1'-0"

NOTE: ALL EXISTING WOOD FRAME DISPLAY BOARDS TO BE STRIPPED, SANDED AND PATCHED OF ANY PENETRATIONS. REMOVE ANY AND ALL NAILS, STAPLES, ADHESIVES ETC. PREPARE ENTIRE ASSEMBLY TO BE REFINISHED AS SCHEDULED. (WHERE OCCURS)



NOTE: COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH FLOOR PLAN. IN INSTANCE WHERE FLOOR PLANELEVATIONS DO NOT COINCIDE, FLOOR PLAN LAYOUT TAKES PRECEDENCE. VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.

J SECONDARY TEACHING WALL - ROOM 107
1/4" = 1'-0"



NOTE: COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH FLOOR PLAN. IN INSTANCE WHERE FLOOR PLANELEVATIONS DO NOT COINCIDE, FLOOR PLAN LAYOUT TAKES PRECEDENCE. VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.

K ALCOVE NEW COAT HOOKS/WALL CABINETS - ROOMS 200 AND 201
1/4" = 1'-0"

PRE-K & KINDERGARTEN MOUNTING HEIGHT SCHEDULE	
MARKER BOARD	2'-0" AFF TO BOTTOM EDGE
TACK BOARD	2'-0" AFF TO BOTTOM EDGE
BASE CABINETS	2'-2" AFF TO TOP OF COUNTERTOP
WALL CABINETS	SEE TYPICAL SECTION DETAIL
SMART-BOARD	CENTERED ON THE WALL

NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTED NEXT TO OR ON THE SAME WALL AS AN EXISTING TACK BOARD OR MARKER BOARD MATCH EXISTING HEIGHT.

GRADE 1-3 MOUNTING HEIGHT SCHEDULE	
MARKER BOARD	2'-6" AFF TO BOTTOM EDGE
TACK BOARD	2'-6" AFF TO BOTTOM EDGE
BASE CABINETS	2'-6" AFF TO TOP OF COUNTERTOP
WALL CABINETS	SEE TYPICAL SECTION DETAIL
SMART-BOARD	CENTERED ON THE WALL

NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTED NEXT TO OR ON THE SAME WALL AS AN EXISTING TACK BOARD OR MARKER BOARD MATCH EXISTING HEIGHT.

SPECIAL EDUCATION MOUNTING HEIGHT SCHEDULE	
MARKER BOARD	VARIABLES - SEE APPLICABLE MOUNTING SCHEDULE
TACK BOARD	VARIABLES - SEE APPLICABLE MOUNTING SCHEDULE
BASE CABINETS	2'-8" AFF TO TOP OF COUNTER
WALL CABINETS	7'-0" AFF TO TOP OF CABINET
SMART BOARD	CENTERED ON THE WALL

NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTED NEXT TO OR ON THE SAME WALL AS AN EXISTING TACK BOARD OR MARKER BOARD, MATCH EXISTING HEIGHT.

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1	3/5/2020	ADDENDUM # 1
NO.	DATE	REVISION

SCHOOL & LOCATION
JOHN MARSHALL ELEMENTARY SCHOOL
MAILING ADDRESS: 4500 GRISCOM STREET, PHILADELPHIA, PA 19124
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PROJECT TITLE
CLASSROOM MODERNIZATION

DRAWING TITLE
INTERIOR ELEVATIONS

LOCATION NO.	FILE NO.
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B-031C	OF	2019 / 20
B-033C	OF	2019 / 20

DRAWING NO.
14.4

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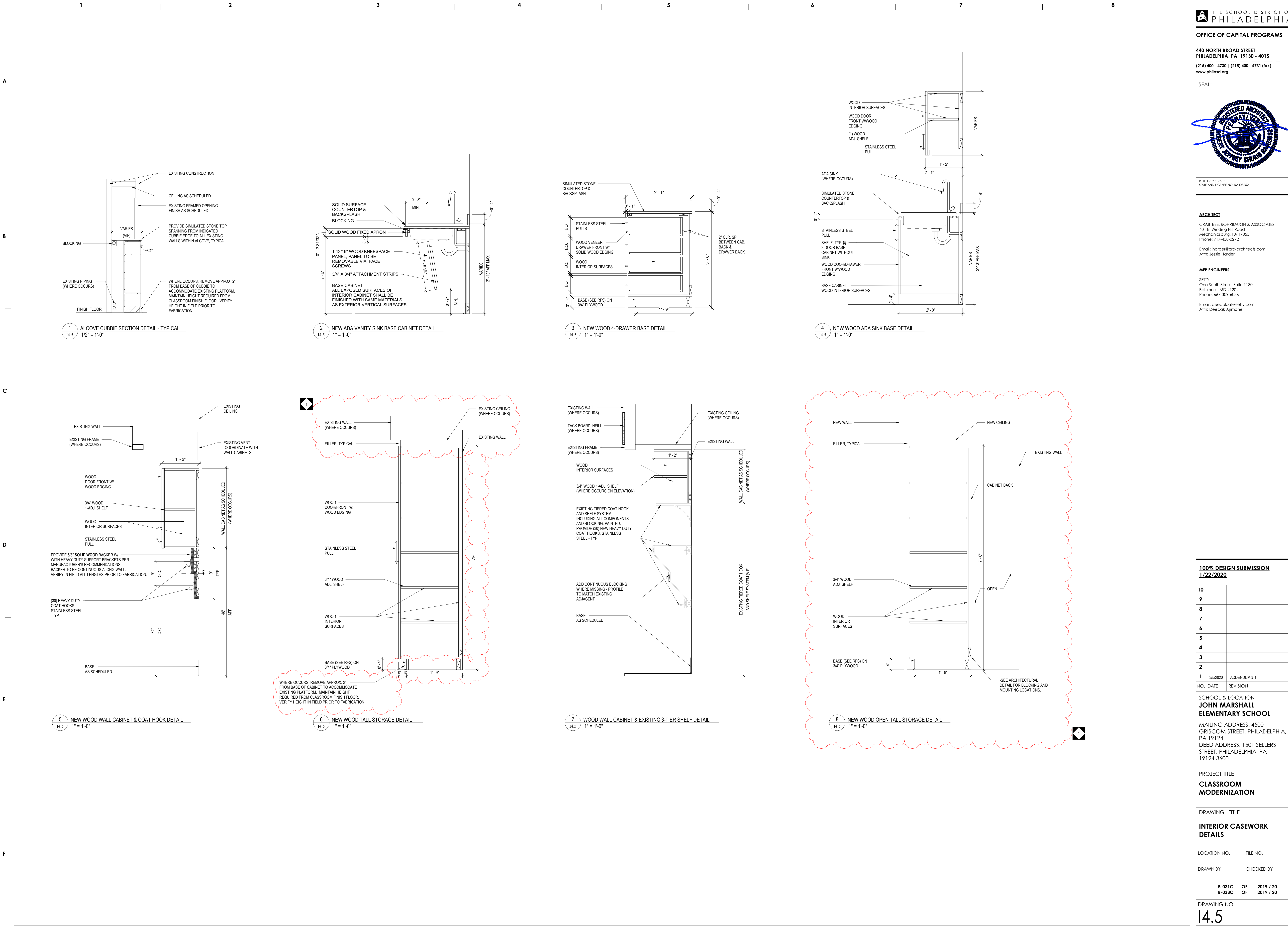
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1/22/2020

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1	3/5/2020	ADDENDUM # 1
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PROJECT TITLE
CLASSROOM MODERNIZATION

DRAWING TITLE
INTERIOR CASEWORK DETAILS

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
B-031C OF 2019 / 20	B-033C OF 2019 / 20

DRAWING NO.
14.5

A B C D E F

GENERAL PLUMBING NOTES

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE AND THE AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES AND TAXES.
3. CONTRACTOR SHALL MAKE NO CHANGES WITHOUT THE WRITTEN PERMISSION FROM THE ENGINEER OF RECORD.
4. CONTRACTOR ASSUMES RESPONSIBILITY FOR PROPER ARRANGEMENT OF PIPE, FIXTURES, ETC., TO CONNECT APPROVED EQUIPMENT IN A PROPER AND APPROVED MANNER.
5. DO NOT CUT STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE ARCHITECT/ENGINEER, AND PERFORM CUTTING IN A MANNER AS DIRECTED BY ARCHITECT/ENGINEER.
6. PROVIDE SLEEVES FOR ALL FLOOR PENETRATIONS WITH TOP OF SLEEVE 2" ABOVE FINISHED FLOOR.
7. PLUMBING CONTRACTOR TO FURNISH AND INSTALL ALL PLUMBING FIXTURES COMPLETELY AS SPECIFIED ON DRAWINGS.
8. PROVIDE SHUT-OFF VALVES ON ALL EQUIPMENT AND ANGLE STOPS IN HOT AND COLD WATER PIPING TO ALL PLUMBING FIXTURES.
9. FLOOR TO BE SLOPED 1/8" TO FLOOR DRAINS. TOP OF DRAIN TO BE FLUSH WITH FINISHED FLOOR.
10. MIXING VALVES SHALL BE USED TO TEMPER HOT WATER AT ALL PUBLIC LAVATORIES AND HAND WASHING FACILITIES. SET AT 105 DEGREES F.
11. CONTRACTOR SHALL PROVIDE ACCESS PANELS FOR ALL VALVES AND MECHANICAL EQUIPMENT.
12. MAINTAIN WORK AREA CLEAN AT ALL TIMES DURING CONSTRUCTION. AFTER COMPLETING INSTALLATION OF WORK, CLEAN ALL FIXTURES OF ALL RUBBISH, PLASTER, DIRT AND OTHER DEBRIS.
13. TEST ALL SYSTEMS. ALL FIXTURES SHALL OPERATE SATISFACTORILY AS DESIGNED AND INTENDED. REPORT ANY DEFICIENCIES TO THE ARCHITECT/ENGINEER.
14. ALL POTABLE WATER PIPING SHALL BE DISINFECTED AND FLUSHED IN FULL ACCORDANCE WITH THE LOCAL AUTHORITIES HAVING JURISDICTION.
15. ALL PIPING SYSTEMS SHALL BE TESTED AT DESIGN PRESSURES FOR A PERIOD OF TIME AS PRESCRIBED BY THE LOCAL AUTHORITIES HAVING JURISDICTION.
16. CONTRACTOR SHALL REFER TO CONSTRUCTION DOCUMENT DRAWINGS, EQUIPMENT, LAYOUT DRAWINGS, AND ALL OTHER RELATED DRAWINGS AS REQUIRED FOR DIMENSIONS, DETAILS, ETC. PLUMBING LAYOUT SHOWN ON THIS DRAWING IS FOR GENERAL ARRANGEMENT ONLY. CONTRACTOR SHALL COORDINATE ALL WORK WITH FIELD CONDITIONS AND ALL OTHER TRADES INVOLVED AS REQUIRED. DO NOT SCALE DIMENSIONS FROM THIS DRAWING. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AS REQUIRED.
17. CONTRACTOR SHALL REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS AND CUT SHEETS AS REQUIRED FOR INSTALLATION OF EQUIPMENT.
18. CONTRACTOR SHALL FURNISH AND INSTALL ALL PIPING, FITTINGS, VALVES, PARTS AND ACCESSORIES REQUIRED FOR PROPER INSTALLATION AND OPERATION OF PLUMBING SYSTEM. (INCLUDING ALL FITTINGS AND DEVICES REQUIRED BY CODE, SUCH AS CHECK VALVES, VACUUM BREAKERS, SAFETY RELIEF VALVES, VACUUM RELIEF, ETC. ALL FLOOR DRAINS, WHERE REQUIRED BY CODES AND REGULATIONS, SHALL BE PROVIDED WITH TRAP PRIMER VALVE AND FITTINGS.
19. ALL PIPING SHALL BE HUNG, FIRMLY ANCHORED, AND SUPPORTED IN ACCORDANCE WITH MSS SP-58 MSS SP-69.
20. VALVES AND FITTINGS SHALL BE OF THE SAME SIZE AS THE LINE ON WHICH THEY ARE LOCATED, UNLESS OTHERWISE INDICATED ON DRAWINGS.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SUPPORTING DEVICES FOR ALL FIXTURES INCLUDED IN CONTRACT OR HEREIN SPECIFIED.
22. CONTRACTOR SHALL SLEEVE ALL PIPING CROSSING THROUGH OR UNDERNEATH STRUCTURAL MEMBERS. NOTIFY ARCHITECT AND ENGINEERS PRIOR TO PROCEEDINGS WITH WORK TO ASSURE STRUCTURAL SUPPORT WILL NOT BE AFFECTED.
23. DOMESTIC WATER SHALL BE SLOPED TO DRAIN POINTS.
24. ALL SANITARY DRAINAGE PIPING 3" AND LARGER SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1/8" FALL PER 1'-0" OF RUN UNLESS OTHERWISE NOTED.
25. ALL SANITARY DRAINAGE PIPING 2" AND LESS SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1/4" FALL PER 1'-0" OF RUN UNLESS OTHERWISE NOTED.
26. ALL STORM DRAINAGE PIPE SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1/8" FALL PER 1'-0" OF RUN UNLESS OTHERWISE NOTED.
27. ALL ILLUSTRATED DRAINAGE PIPING IS BELOW THE FLOOR ON WHICH IT IS DRAWN UNLESS OTHERWISE NOTED. ALL DOMESTIC WATER AND VENT PIPING ILLUSTRATED IS ABOVE OR AT THE CEILING ON WHICH IT IS DRAWN UNLESS OTHERWISE NOTED.
28. PROVIDE PRODUCTS AND FIXTURES AS SPECIFIED OR THEIR EQUIVALENT PROVIDED BY A/E.
29. HOT WATER PIPING SHALL BE IN ACCORDANCE WITH SECTION C404.5 OF THE INTERNATIONAL ENERGY CONSERVATION CODE.
30. ALL PIPINGS PASSING THROUGH BUILDING EXPANSION JOINTS SHALL BE PROVIDED WITH ADEQUATE FLEXIBLE CONNECTIONS TO ACCOMMODATE THE ANTICIPATED MOVEMENT. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR EXPANSION JOINT SIZE AND LOCATION.
31. ALL EXISTING PLUMBING PIPES WHERE NEW PIPES ADDED NOT MENTIONED TO REMAIN, CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, SIZE, AND WORKING CONDITION OF ALL EXISTING PIPES. A SURVEY NEED TO BE CONDUCTED AND REPLACE WITH NEW AS NEEDED.
32. CONTRACTOR TO FIELD VERIFY ALL EXISTING WATER PIPES LOCATION, SIZE, AND CONDUCT STERILIZE, FLUSHED FOR CHLORINE FREE, DEBRIS AND CONTAMINANTS TO AVOID ANY HARMFUL SITUATIONS.
33. CONTRACTOR TO FIELD VERIFY ALL EXISTING SANITARY DRAINS AND ALL ASSOCIATED PIPES NEED TO CLEAN FOR DEBRIS AND CONTAMINANTS TO AVOID ANY BLOCKAGES.
34. CONTRACTOR TO ENSURE ALL SINKS AND TOILETS FLOW PROPERLY BEFORE ANY DEMOLITION WORK IS STARTED AND THEN AGAIN AFTER WORK IS FINISHED TO ENSURE THERE IS NOT ANY BLOCKAGES OR LEAKS ONCE THE ROOM IS TURNED OVER.

ABBREVIATIONS

- AAV AIR ADMITTANCE VALVE
ABV ABOVE
AD AREA DRAIN
ADA AMERICAN DISABILITY ACT
APP ABOVE FINISHED FLOOR
AP ACCESS PANEL
ARCH ARCHITECTURAL
ASME AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASPE AMERICAN SOCIETY OF PLUMBING ENGINEERS
ASSE AMERICAN SOCIETY OF SANITARY ENGINEERS
BLDG BUILDING
BLV BELOW
BTU BRITISH THERMAL UNIT
BTUH BRITISH THERMAL UNIT PER HOUR
CF COFFEE MAKER
CLG CEILING
CO CLEAN OUT
COAT CONTRIATION
CW COLD WATER
DFU DRAINAGE FIXTURE UNIT
DIA DIAMETER
DMR DISTRIBUTED METER ROOM
DN DOWN
DWG DRAWING
DWH DOMESTIC WATER HEATER
DF DRINKING FOUNTAIN
DW DOWNSHOWER
E EXISTING
EA EACH
EQUIP EQUIPMENT
ETP ELECTRONIC TRAP PRIMER
ETR EXISTING TO REMAIN
F WATER FILTER
FOO FLOOR CLEAN OUT
FD FLOOR DRAIN
FL FLOOR
FS FLOW SWITCH
FT FEET
FM FORCED MAIN
GAL GALLON
GPM GALLONS PER MINUTE
HB HOSE BIB
HDP HIGH DENSITY POLYETHYLENE
HP HORSE POWER
HW HOT WATER SUPPLY
HWR HOT WATER RETURN
IC ICE MAKER
IN INCH
INV INVERT
IW INDIRECT WASTE
LAV LAVATORY
MAX MAXIMUM
MBH THOUSAND BTU PER HOUR
MECH MECHANICAL
MFR MANUFACTURER
MGCV MASTER GAS CONTROL VALVE
MIN MINIMUM
MS MOP SINK
MTD MOUNTED
N NEW
NC NORMALLY CLOSED
NFWH NON FREEZE WALL HYDRANT
NG NATURAL GAS
NIC NOT IN CONTRACT
NO NUMBER
NO NORMALLY OPEN
NT ACID NEUTRALIZATION TANK
OSD OPEN SITE DRAIN
P PUMP
PDI PLUMBING AND DRAINAGE INSTITUTE
PH PHASE (ELECTRICAL)
PRV PRESSURE REDUCING VALVE
PSI POUNDS PER SQUARE INCH
RCV RISER CONTROL VALVE
RF REFRIGERATOR MACHINE
RPM REVOLUTIONS PER MINUTE
SA SHOCK ABSORBER
SAN SANITARY/WASTE PIPE
SF SQUARE FEET
SFL SUPPLY FIXTURE UNIT
SS STAINLESS STEEL
SS SERVICE SINK
STRUC STRUCTURAL
TD TRENCH DRAIN
TEMP TEMPERATURE
TMV THERMOSTATIC MIXING VALVE
TP TRAP PRIMER TUBE
TW TEMPERED WATER
TYP TYPICAL
UR URINAL
V VENT PIPE
VTR VENT THRU ROOF
W WATT
WC WATER CLOSET
WCO WALL CLEANOUT
WTR WATER
W/ WITH
W/O WITHOUT

PLUMBING SYMBOLS

Annotations: DOMESTIC WATER RISER DESIGNATION, SANITARY WATER RISER DESIGNATION, VENT RISER DESIGNATION, REVISION NUMBER, POINT OF DEMOLITION, POINT OF CONNECTION, PIPE SIZE, PIPE SIZE/NOTE.
DETAIL ANNOTATIONS: DETAIL NUMBER, WHERE THE DETAIL IS DRAWN.
DRAINS: FLOOR DRAIN, FLOOR CLEAN OUT, GRADE CLEAN OUT, FLOOR SINK DRAIN, OPEN SITE DRAIN, FUNNEL FLOOR DRAIN.
MISCELLANEOUS: HORIZONTAL CLEANOUT, HOSE BIB, WATER METER, WATER FILTER, VACCUUM BREAKER, TEMPERATURE AND PRESSURE RELIEF VALVE, TRAP PRIMER, DIRT LEG, BREAK PIPE BELOW.
PIPE REPRESENTATION: EXISTING CW, EXISTING HW, EXISTING HWR, EXISTING SAN, EXISTING VENT, EXISTING STORM, EXISTING STORM, DEMOLITION CW, DEMOLITION HW, DEMOLITION HWR, DEMOLITION SAN, DEMOLITION VENT, DEMOLITION STORM, NEW CW, NEW HW, NEW HWR, NEW SAN, NEW SAN BELOW GROUND, NEW VENT, NEW STORM, INDIRECT DRAINAGE PIPE, TRAP PRIMER TUBE.
PIPE VALVES AND ACCESSORIES: REDUCED PRESSURE ZONE BACKFLOW PREVENTER (ASSE1013), DOUBLE CHECK VALVE BACKFLOW PREVENTER (ASSE 1015.1048), BALL VALVE, CHECK VALVE, SOLENOID VALVE, GATE VALVE, PRESSURE REDUCING VALVE, THERMOSTATIC MIXING VALVE, PLUG VALVE, BALANCING VALVE, VACUUM RELIEF VALVE, BACKFLOW PREVENTER (ASSE 1024), WATER HAMMER ARRESTOR (A' = PDI SIZE), PRESSURE GAUGE, THERMOMETER GAUGE, AQUASTAT VALVE, STRAINER.
PIPE FITTINGS: REDUCER/INCREASER, CAPPED CONNECTION, PIPE UNION, ELBOW TURNED UP, ELBOW TURNED DOWN, TEE UP, TEE DOWN, SHUT-OFF VALVE IN RISER.

GENERAL PLUMBING DEMOLITION NOTES

- 1. WHERE EXISTING PLUMBING FIXTURES ARE INDICATED TO BE REMOVED, REMOVE EXISTING FIXTURE, TRIM, AND ALL ASSOCIATED PIPING AND HARDWARE. REMOVE SERVICE BRANCHES BACK TO NEAREST MAIN AND CAP. DEAD LEGS SHALL NOT EXCEED 2'-0" IN LENGTH.
2. DEMOLITION SHALL BE PERFORMED IN SUCH A MANNER THAT WILL NOT DAMAGE ADJOINING SURFACES OR EQUIPMENT INDICATED TO REMAIN. WHERE SURFACES MUST BE REMOVED TO COMPLETE DEMOLITION, THE CONTRACTOR SHALL REPLACE AND REPAIR THE SURFACES BACK TO THE ORIGINAL CONDITION.
3. WHERE DEMOLITION WOULD AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH DEMOLITION.
4. ALL REMOVED FIXTURES AND TRIM SHALL REMAIN THE PROPERTY OF THE OWNER AND THE CONTRACTOR SHALL STORE ON SITE OR REMOVE FROM SITE SAID FIXTURES AS DIRECTED BY THE OWNER.
5. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION REQUIRED WITH SYSTEMS THAT MUST REMAIN IN SERVICE DURING CONSTRUCTION, WHERE SYSTEMS MUST REMAIN IN SERVICE DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE MEANS AND METHODS OF ISOLATING THE SYSTEMS TO BE REMOVED WITH THE SYSTEMS TO REMAIN IN SERVICE. MEANS AND METHODS SHALL INCLUDE TEMPORARY CAPS AND ISOLATION VALVES.

DESIGN CRITERIA

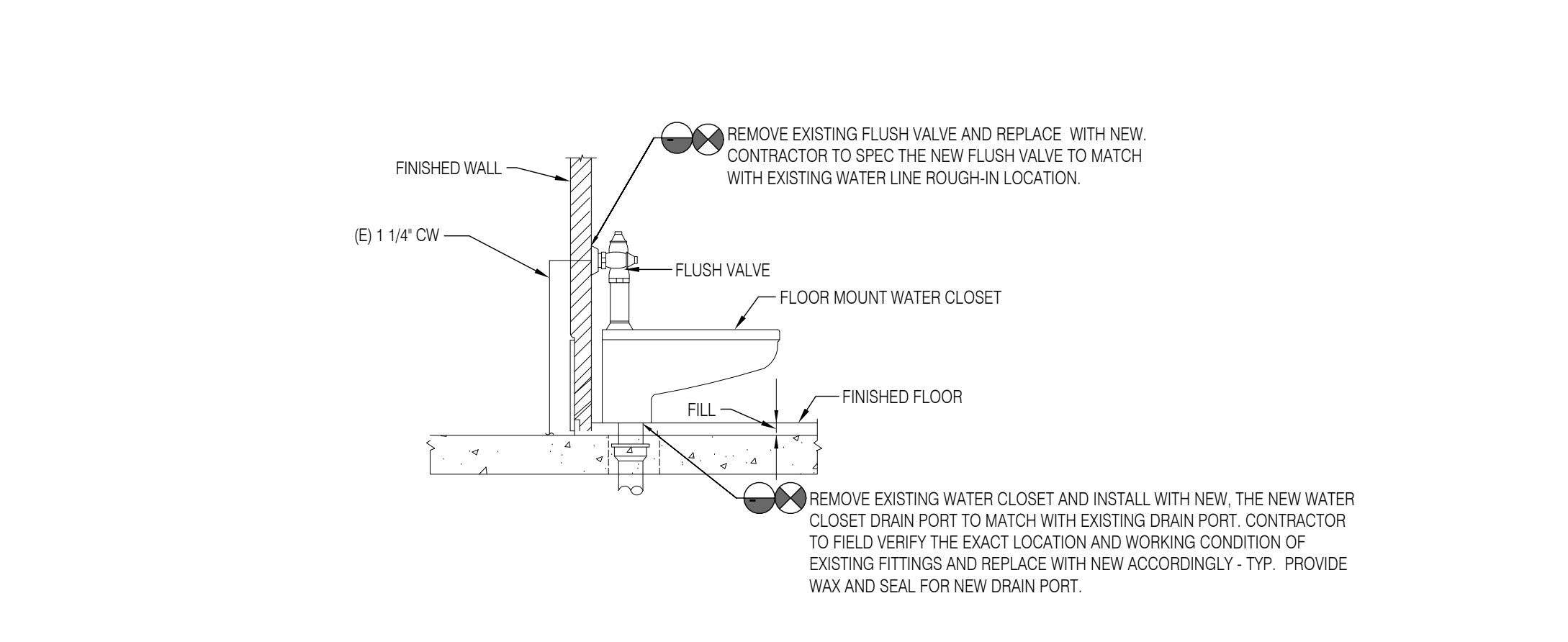
- PENNSYLVANIA UNIFORM CONSTRUCTION CODE (PA UCC)
2018 PHILADELPHIA EXISTING BUILDING CODE
2018 INTERNATIONAL BUILDING CODE
2018 PHILADELPHIA PLUMBING CODE
AS PER LOCAL AUTHORITIES

PLUMBING FIXTURE SCHEDULE

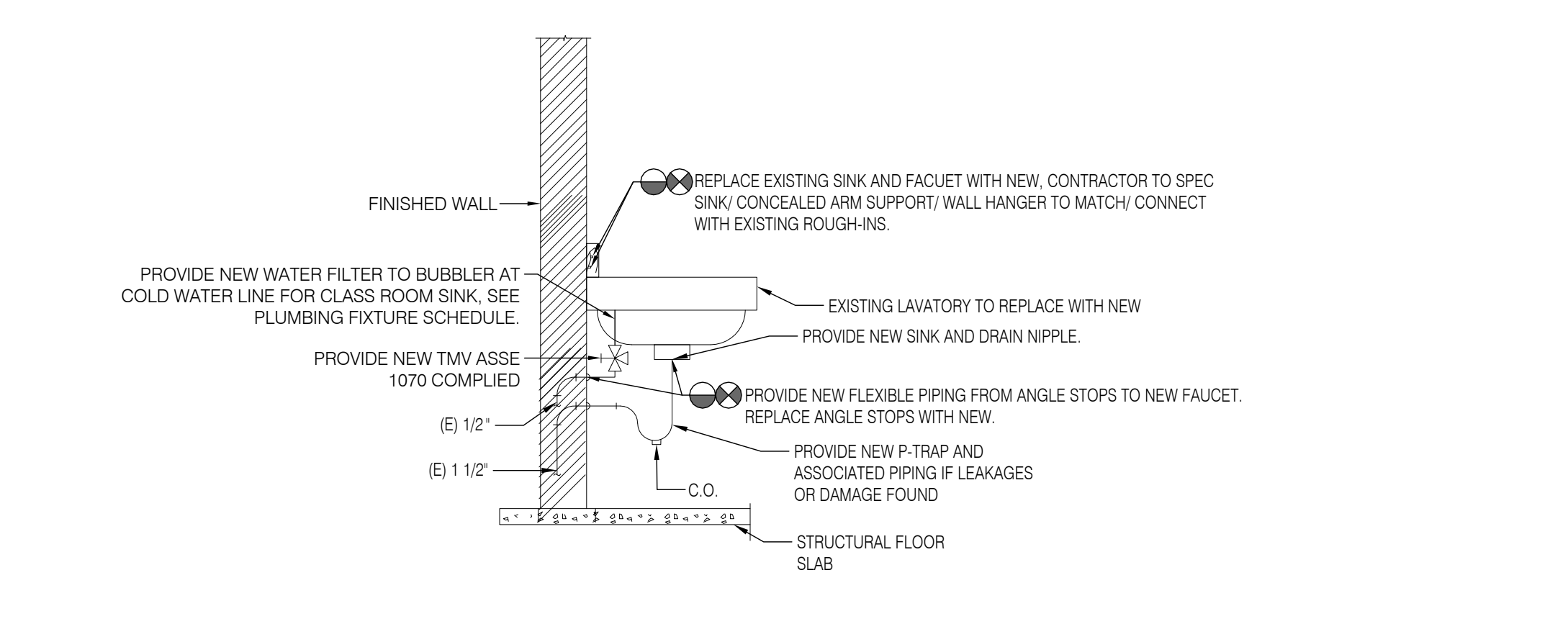
Table with columns: ID, FIXTURE, MANUFACTURER, MODEL, FAUCET/VALVE, DESCRIPTION, MOUNTING, NOTES, PLUMBING ROUGH-INS. Includes items for Water Closet, Lavatory, Classroom Sink, Drinking Fountain, and Classroom Sink (Double Bowl).

UNIT HEATER SCHEDULE

Table with columns: UNIT NO, LOCATION, CFM, HEATING CAPACITY (KW, BTUHR), ELECTRICAL DATA (VOLTS, PHASE, AMPS), DIMENSIONS (LENGTH, WIDTH, DEPTH), BASIS OF DESIGN, REMARKS. Includes unit LH-1 for Toilets 103A & 104A.

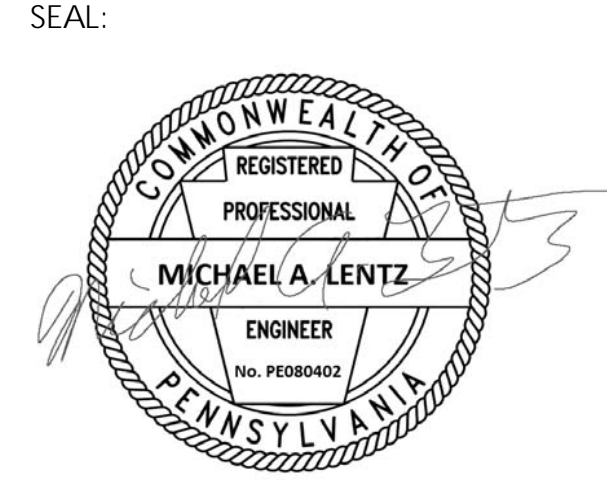


1 EXISTING WATER CLOSET TO REPLACE WITH NEW, POINT OF DISCONNECTION AND CONNECTION DETAIL. SCALE: NOT TO SCALE



2 EXISTING LAVATORY / CLASSROOM SINK TO REPLACE WITH NEW, POINT OF DISCONNECTION AND CONNECTION DETAIL. SCALE: NOT TO SCALE

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100% DESIGN SUBMISSION 1/22/2020

Revision table with columns: NO, DATE, REVISION. Includes revision 1 dated 03/05/2020 for ADDENDUM #1.

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4500 GRISCOM STREET, PHILADELPHIA, PA 19124

PROJECT TITLE CLASSROOM MODERNIZATION

DRAWING TITLE

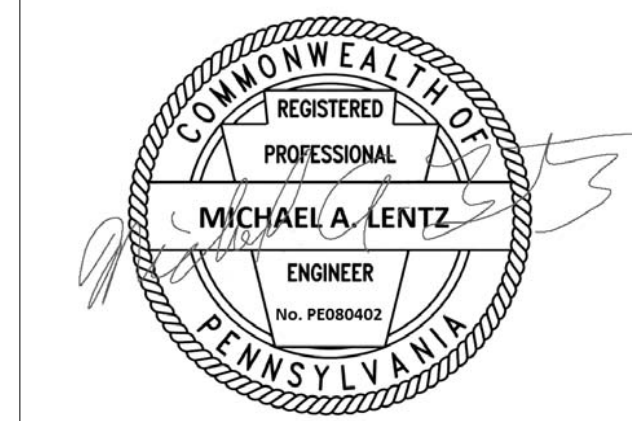
PLUMBING GENERAL NOTES, SYMBOLS & ABBREVIATIONS

LOCATION NO. FILE NO. DRAWN BY CHECKED BY

B-031C OF 2019 / 20 B-033C OF 2019 / 20

DRAWING NO. MPO.1

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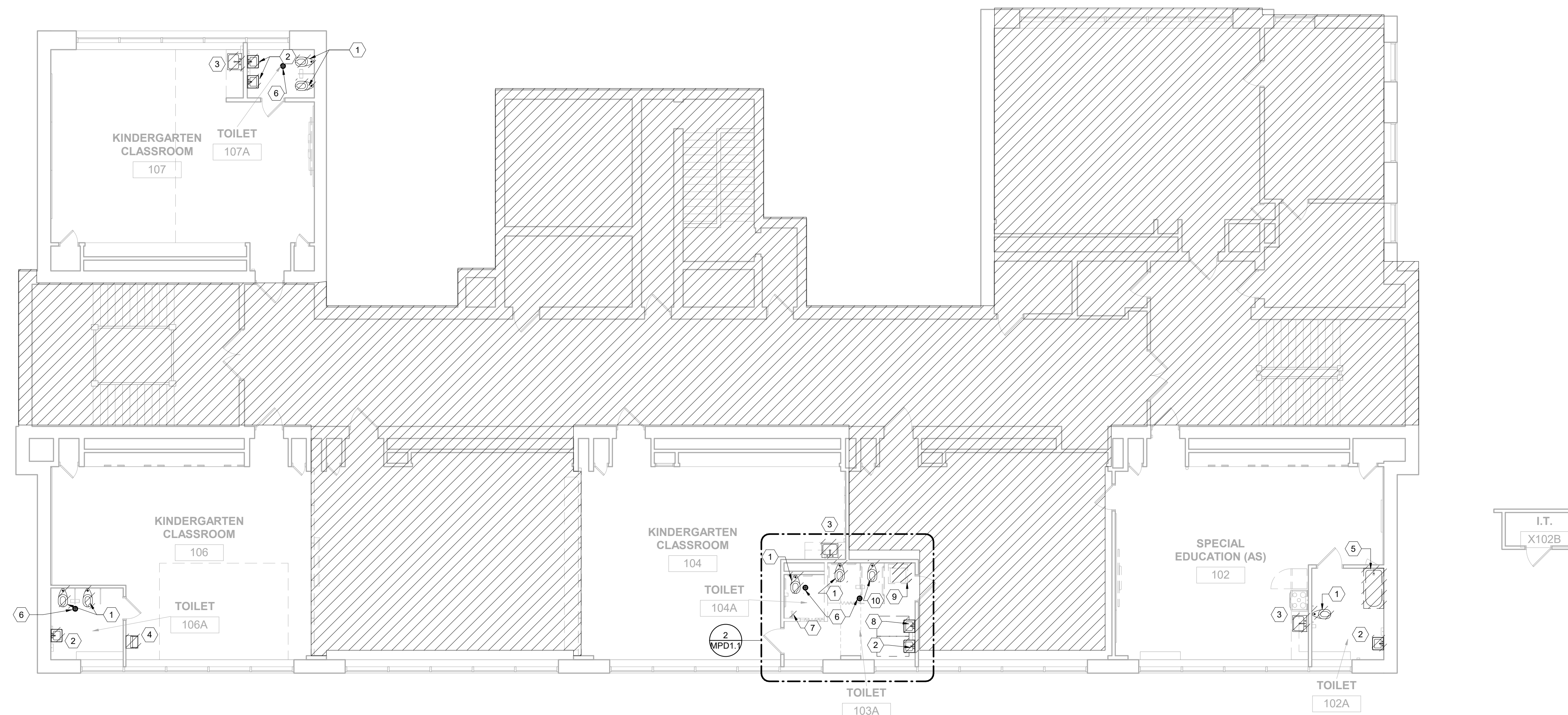
Email: deepak@setty.com
Attn: Deepak Ajmane

GENERAL NOTES

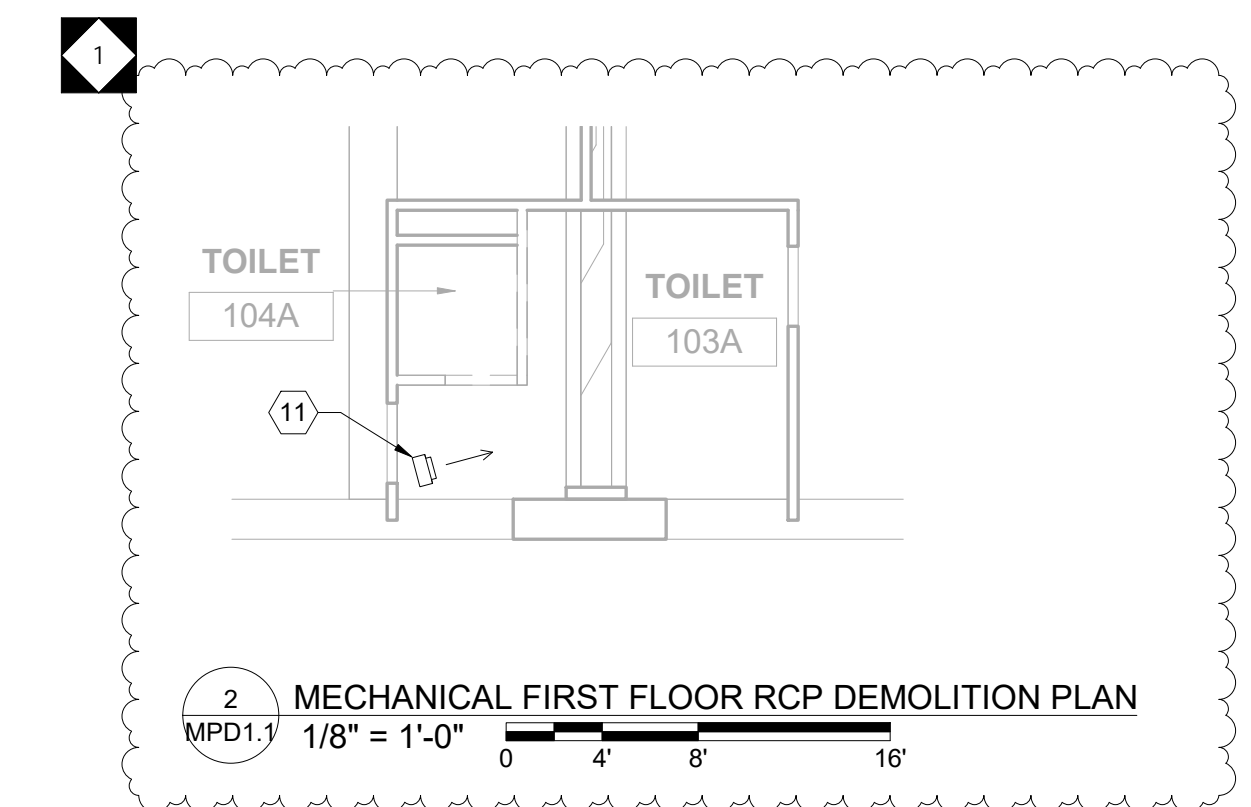
1. ANY INTERRUPTIONS OF EXISTING SERVICES OR EQUIPMENT SHALL BE PERFORMED AT A TIME APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE SO AS NOT TO INTERFERE WITH THE BUILDING OPERATION.
2. THESE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK. THE EXTENT OF DEMOLITION SHALL BE AS REQUIRED BY THE NEW WORK AND REMOVAL OF MATERIALS/COMPONENTS NOT REQUIRED FOR THE NEW AND RENOVATED SYSTEMS.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PLUMBING FIXTURES AND EXACT SIZE AND LOCATION OF ALL EXISTING SERVICES PRIOR TO DEMOLITION.
4. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT FOR STORAGE OR DISPOSAL OF EXISTING PLUMBING FIXTURES/EQUIPMENTS THAT ARE BEING REMOVED.
5. CONTRACTOR IS RESPONSIBLE TO PROTECT THE EXISTING ITEMS TO REMAIN AND RESTORE THE UTILITIES BACK TO THEIR ORIGINAL FUNCTIONING.
6. ANY DAMAGES TO THE EXISTING ELEMENTS OR ANY ITEMS NOT IN SCOPE OF WORK SHALL BE REPAIRED AND BROUGHT TO EXISTING CONDITION WITHOUT ANY ADDITIONAL COST.
7. PATCH ALL HOLES, PENETRATIONS, ETC. TO MATCH EXISTING MATERIALS (WALLS, FLOORS ETC). FINISHES ETC. AND PAINT TO MATCH EXISTING FINISHES IN THE AREA OF WORK.
8. CONTRACTOR TO PROVIDE ADDITIONAL FITTINGS/TRIMS WHILE CONNECTING NEW FIXTURES TO THE EXISTING PLUMBING ROUGH-INS.

DEMOLITION KEY NOTES

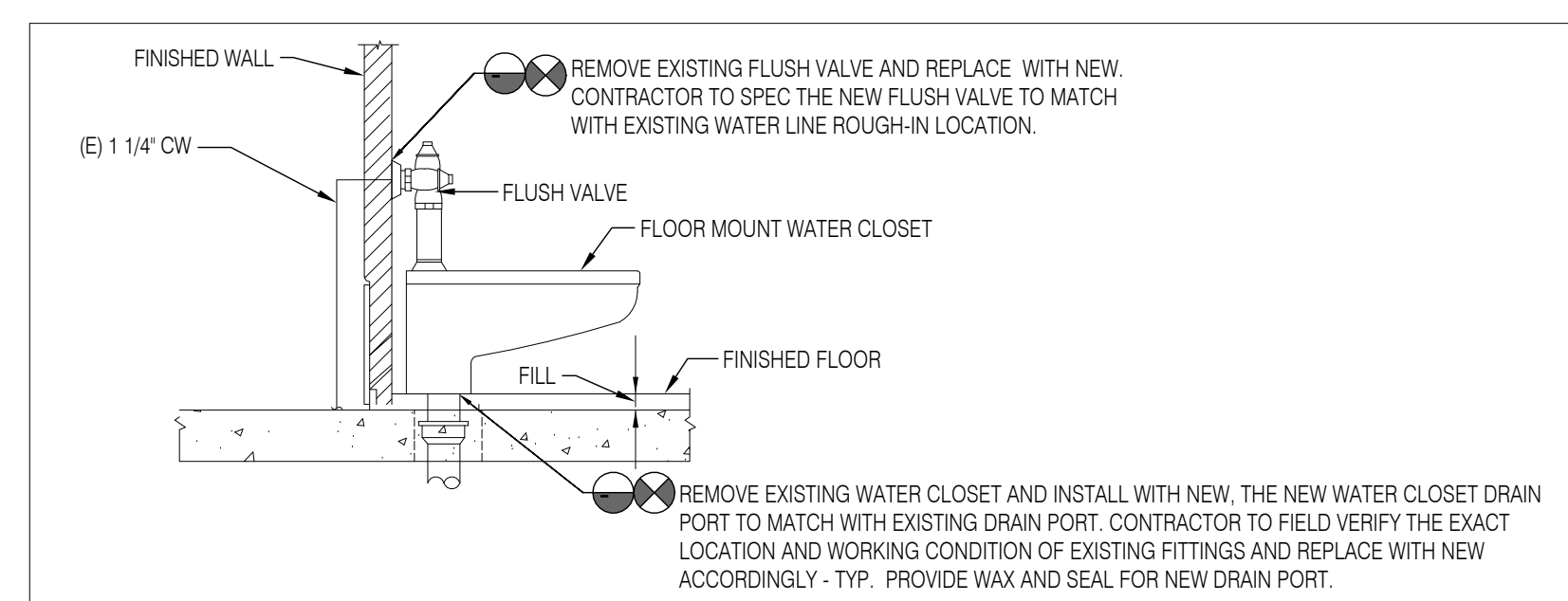
1. EXISTING WATER CLOSET AND FLUSH VALVE TO BE REMOVED AND RETAIN ALL EXISTING PLUMBING ROUGH IN CONNECTIONS. PREPARE ALL PLUMBING ROUGH INS FOR NEW FIXTURES/VALVE INSTALLATION. COORDINATE WITH OWNER FOR STORAGE OR DISPOSAL OF FIXTURE. CONTRACTOR TO FIELD VERIFY THE NEW FIXTURES ROUGH-INS TO MAKE SURE THE EXISTING ROUGH-INS/ CARRIAGES/ FLOOR FLUSH/ ALL ASSOCIATED FITTINGS ARE COMPATIBLE WITH NEW FIXTURES. CONTRACTOR TO ADD/ TRIM ROUGH-INS TO FIT WITH NEW FIXTURES.
2. EXISTING LAVATORY AND FAUCET TO BE REMOVED. PREPARE ALL PLUMBING ROUGH INS FOR NEW FIXTURES/VALVE INSTALLATION. COORDINATE WITH OWNER FOR STORAGE OR DISPOSAL OF FIXTURE. CONTRACTOR TO FIELD VERIFY THE NEW FIXTURES ROUGH-INS TO MAKE SURE THE EXISTING ROUGH-INS/ CARRIAGES/ FLOORWALL FLUSH/ ALL ASSOCIATED FITTINGS ARE COMPATIBLE WITH NEW FIXTURES. CONTRACTOR TO ADD/ TRIM ROUGH-INS TO FIT WITH NEW FIXTURES.
3. EXISTING CLASSROOM SINK AND FAUCET TO BE REMOVED. PREPARE ALL PLUMBING ROUGH INS FOR NEW FIXTURES/VALVE INSTALLATION. COORDINATE WITH OWNER FOR STORAGE OR DISPOSAL OF FIXTURE. CONTRACTOR TO FIELD VERIFY THE NEW FIXTURES ROUGH-INS TO MAKE SURE THE EXISTING ROUGH-INS/ CARRIAGES/ FLOORWALL FLUSH/ ALL ASSOCIATED FITTINGS ARE COMPATIBLE WITH NEW FIXTURES. CONTRACTOR TO ADD/ TRIM ROUGH-INS TO FIT WITH NEW FIXTURES.
4. EXISTING DRINKING FOUNTAIN TO BE REMOVED. PREPARE ALL PLUMBING ROUGH INS FOR NEW FIXTURES/VALVE INSTALLATION. COORDINATE WITH OWNER FOR STORAGE OR DISPOSAL OF FIXTURE. CONTRACTOR TO FIELD VERIFY THE NEW FIXTURES ROUGH-INS TO MAKE SURE THE EXISTING ROUGH-INS/ CARRIAGES/ FLOORWALL FLUSH/ ALL ASSOCIATED FITTINGS ARE COMPATIBLE WITH NEW FIXTURES. CONTRACTOR TO ADD/ TRIM ROUGH-INS TO FIT WITH NEW FIXTURES.
5. REMOVE EXISTING BATHTUB AND SHOWER SET TO BE REMOVED. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, CUT AND CAP ALL EXISTING PIPING BACK TO WALL/ CEILING/ BELOW FLOOR TILL MAIN PIPING SUCH THAT NOT TO CREATE ANY DEAD LEGS. REMOVE SHOWER TILE AND SUBSTRATE TO PROVIDE NEW LEVEL. BATHROOM FLOOR PER PROPOSED PLANS.
6. EXISTING FLOOR DRAIN TO REMAIN. REPLACE GRATE WITH NEW. CONTRACTOR TO FIELD VERIFY THE LOCATION FOR FLOOR DRAIN. FOR ANY LEAKAGES AND DAMAGE FOUND, FLOOR DRAIN TO REPLACE WITH NEW OF SAME MODEL.
7. EXISTING SHOWER SET TO BE REMOVED. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, CUT AND CAP ALL EXISTING PIPING BACK TO WALL/ CEILING/ BELOW FLOOR TILL MAIN PIPING SUCH THAT NOT TO CREATE ANY DEAD LEGS.
8. EXISTING LAVATORY AND FAUCET TO BE REMOVED. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, CUT AND CAP ALL EXISTING PIPING BACK TO WALL/ CEILING/ BELOW FLOOR TILL MAIN PIPING SUCH THAT NOT TO CREATE ANY DEAD LEGS.
9. EXISTING WASHER PLUMBING CONNECTIONS TO BE REMOVED. RELOCATE WASHER AND WASHER BOX TO NEW LOCATION. SEE NEW PLAN. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION. CUT AND CAP ALL EXISTING PIPING BACK TO WALL/ CEILING/ BELOW FLOOR TILL MAIN PIPING SUCH THAT NOT TO CREATE ANY DEAD LEGS.
10. EXISTING WATER CLOSET AND FLUSH VALVE TO BE REMOVED. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, CUT AND CAP ALL EXISTING PIPING BACK TO WALL/ CEILING/ BELOW FLOOR TILL MAIN PIPING SUCH THAT NOT TO CREATE ANY DEAD LEGS.
11. DEMOLISH EXISTING UNIT HEATER AND ASSOCIATED MOUNTING BRACKETS.



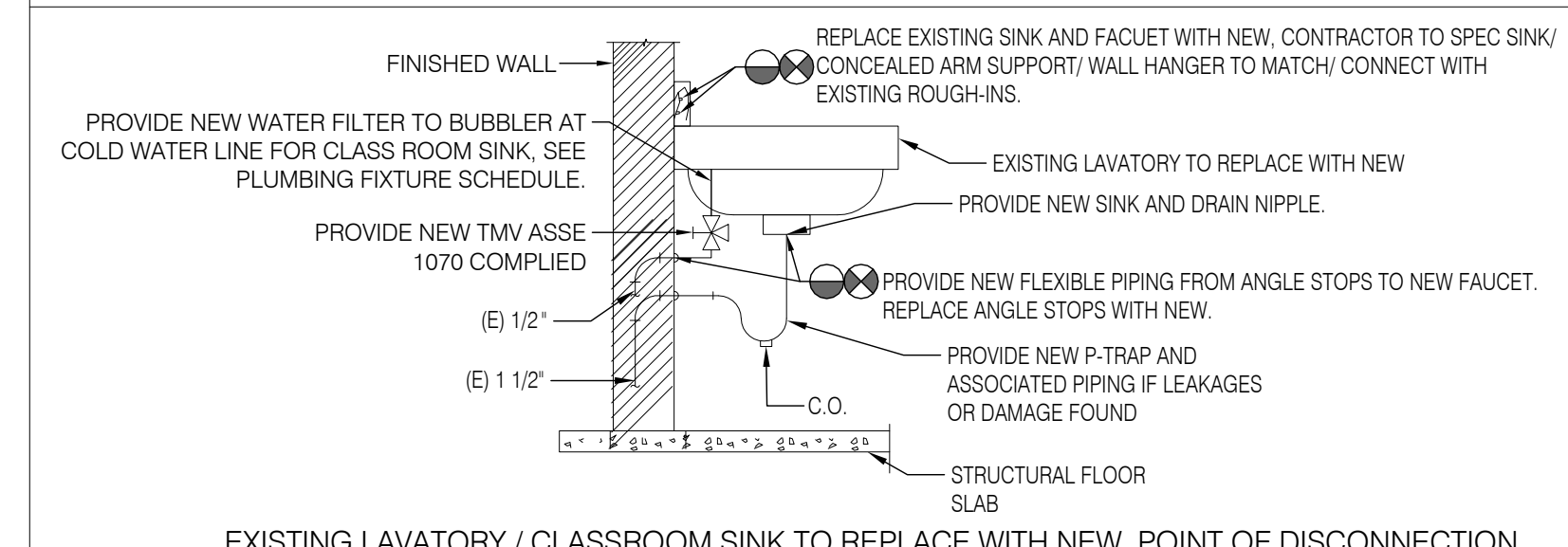
1 PLUMBING FIRST FLOOR DEMOLITION PLAN
MPD1.1 1/8" = 1'-0"
0 4 8 16



2 MECHANICAL FIRST FLOOR RCP DEMOLITION PLAN
MPD1.1 1/8" = 1'-0"
0 4 8 16



1 EXISTING WATER CLOSET TO REPLACE WITH NEW, POINT OF DISCONNECTION AND CONNECTION DETAIL
SCALE: NOT TO SCALE



2 EXISTING LAVATORY / CLASSROOM SINK TO REPLACE WITH NEW, POINT OF DISCONNECTION AND CONNECTION DETAIL
SCALE: NOT TO SCALE

100% DESIGN SUBMISSION
1/22/2020

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1	03/05/2020 ADDENDUM #1	
NO.	DATE	REVISION

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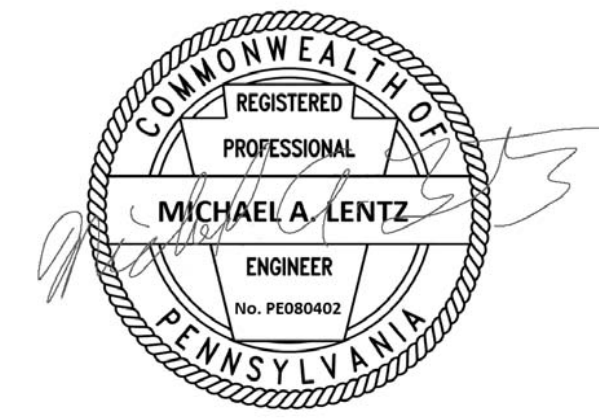
PROJECT TITLE
CLASSROOM
MODERNIZATION

DRAWING TITLE
PLUMBING FIRST FLOOR
DEMOLITION PLAN

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
B-031C OF 2019 / 20	
B-033C OF 2019 / 20	

DRAWING NO.
MPD1.1

SEAL:



MICHAEL A. LENTZ
STATE AND LICENSE NO. PE080402

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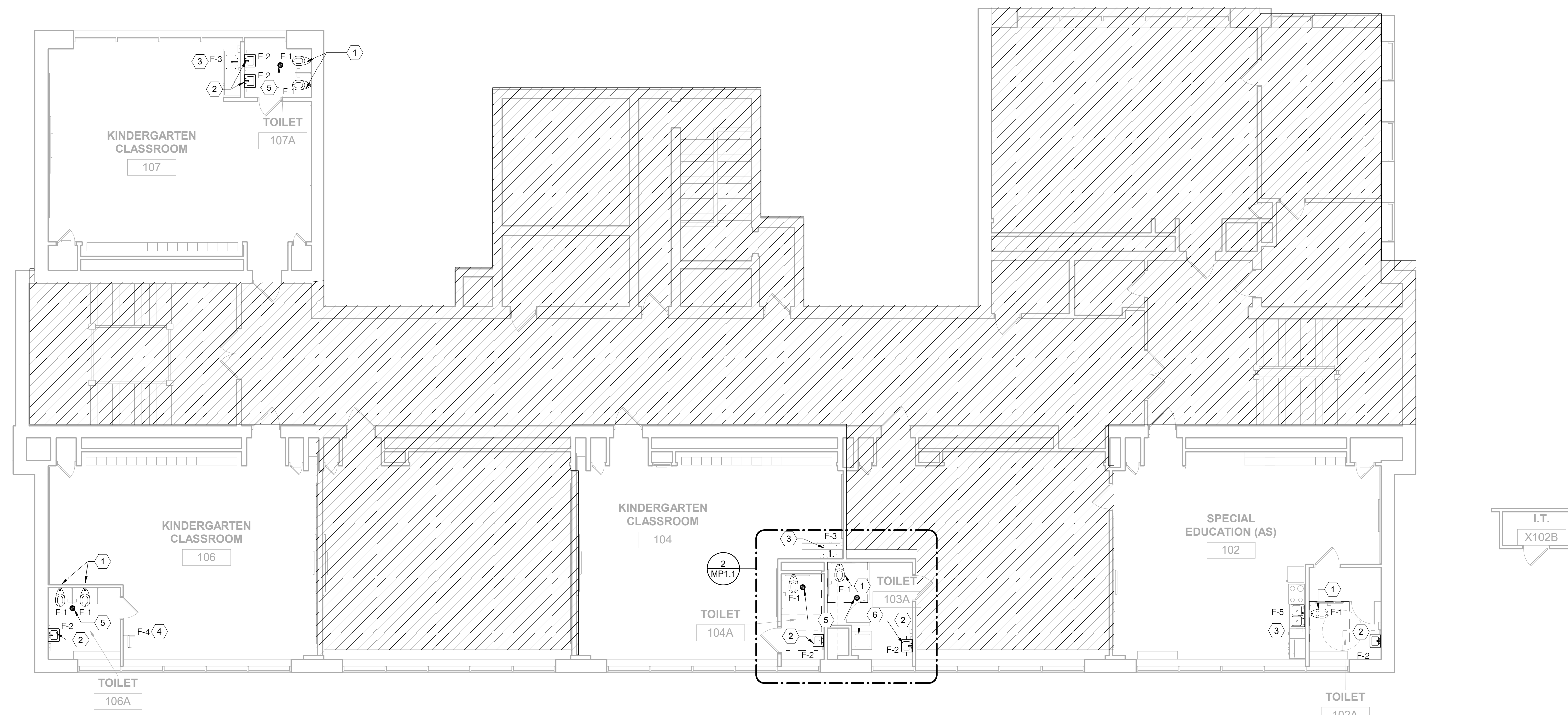
Email: deepak@setty.com
Attn: Deepak Ajmane

GENERAL NOTES

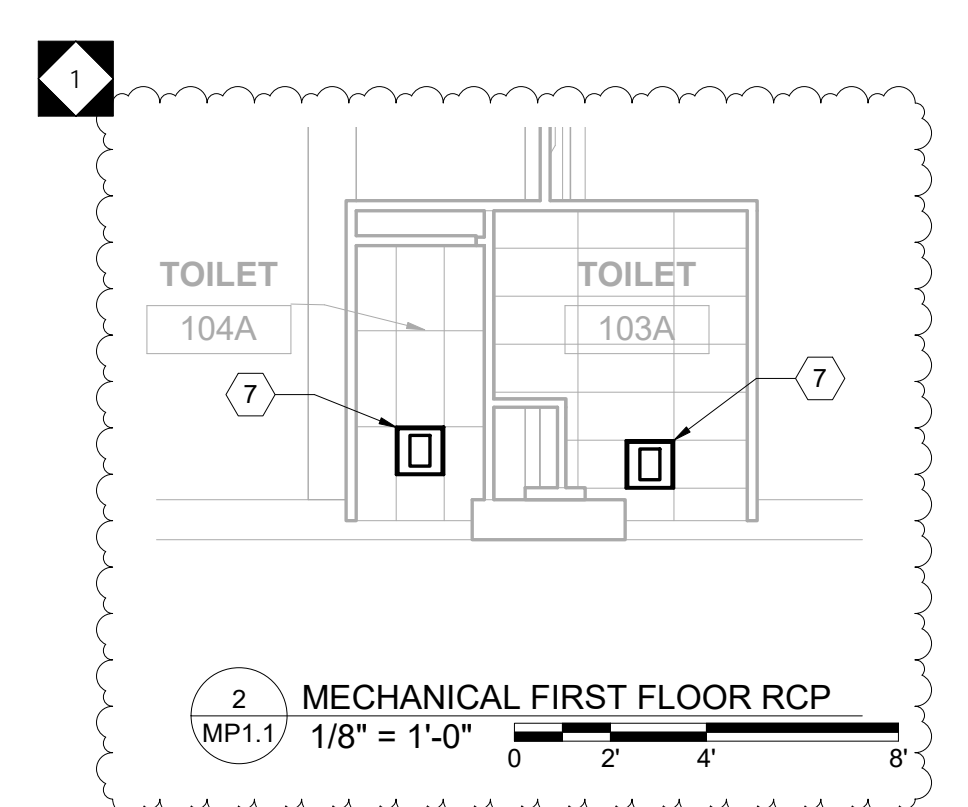
1. ANY INTERRUPTIONS OF EXISTING SERVICES OR EQUIPMENT SHALL BE PERFORMED AT A TIME APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE SO AS NOT TO INTERFERE WITH THE BUILDING OPERATION.
2. THESE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK. THE EXTENT OF DEMOLITION SHALL BE AS REQUIRED BY THE NEW WORK AND REMOVAL OF MATERIALS/COMPONENTS NOT REQUIRED FOR THE NEW AND RENOVATED SYSTEMS.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PLUMBING FIXTURES AND EXACT SIZE AND LOCATION OF ALL EXISTING SERVICES PRIOR TO DEMOLITION.
4. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT FOR STORAGE OR DISPOSAL OF EXISTING PLUMBING FIXTURES/EQUIPMENTS THAT ARE BEING REMOVED.
5. CONTRACTOR IS RESPONSIBLE TO PROTECT THE EXISTING ITEMS TO REMAIN AND RESTORE THE UTILITIES BACK TO THEIR ORIGINAL FUNCTIONING.
6. ANY DAMAGES TO THE EXISTING ELEMENTS OR ANY ITEMS NOT IN SCOPE OF WORK SHALL BE REPAIRED AND BROUGHT TO EXISTING CONDITION WITHOUT ANY ADDITIONAL COST.
7. PATCH ALL HOLES, PENETRATIONS, ETC. TO MATCH EXISTING MATERIALS (WALLS, FLOORS ETC), FINISHES ETC. AND PAINT TO MATCH EXISTING FINISHES IN THE AREA OF WORK.
8. CONTRACTOR TO PROVIDE ADDITIONAL FITTINGS/TRIMS WHILE CONNECTING NEW FIXTURES TO THE EXISTING PLUMBING ROUGH-INS.

SHEET KEY NOTES

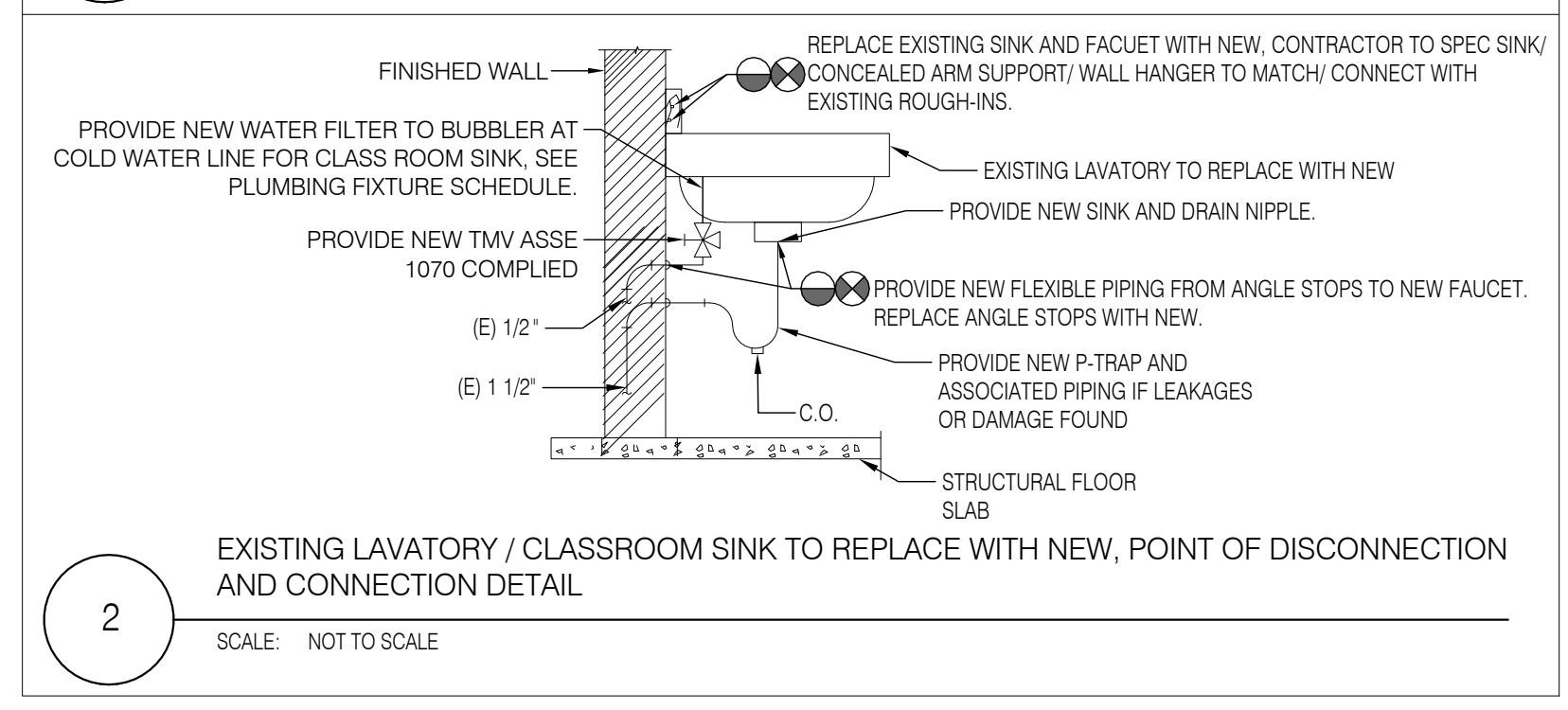
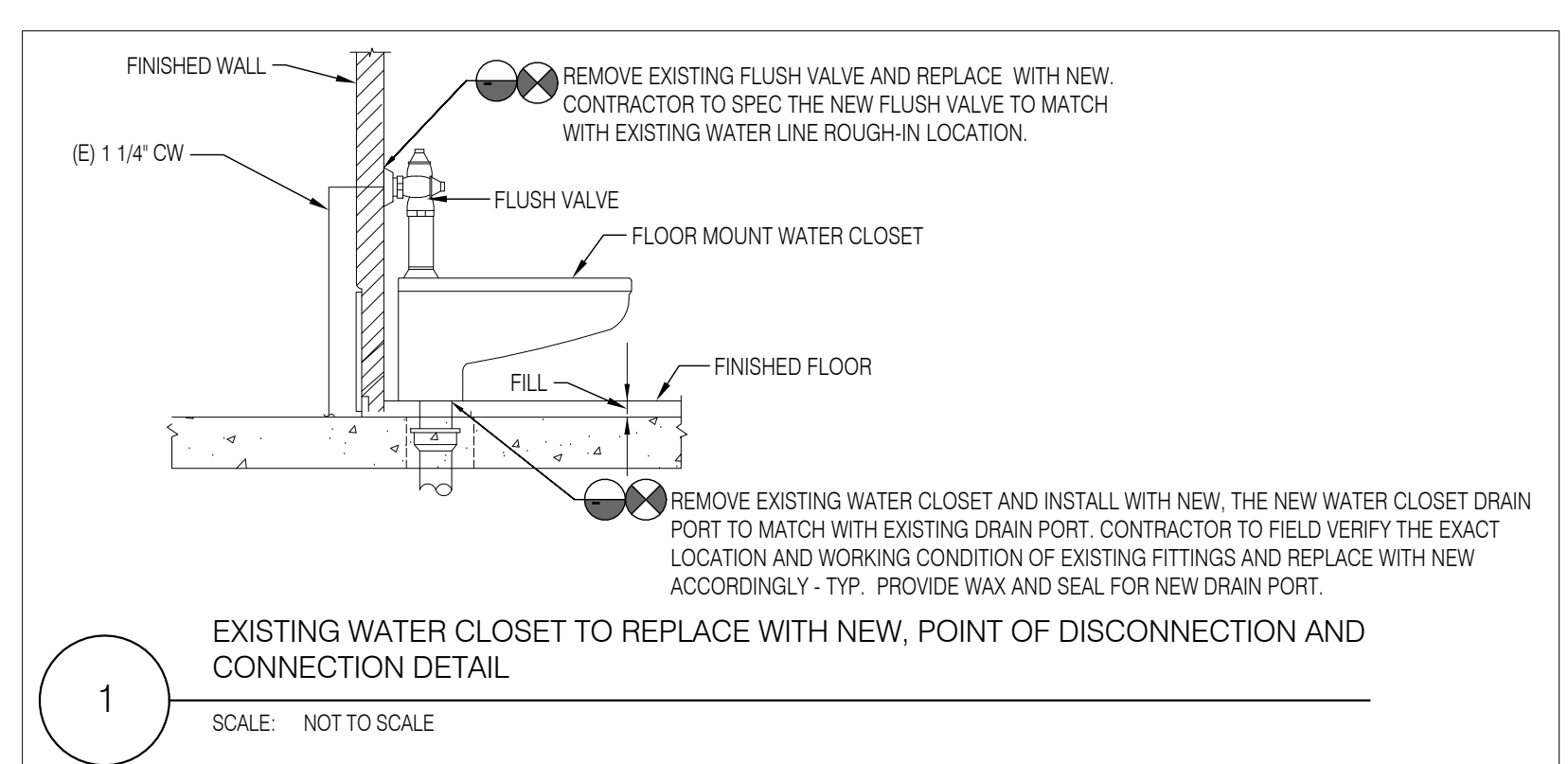
1. EXISTING WATER CLOSET AND FLUSH VALVE TO BE REPLACED WITH NEW WATER CLOSET PER PLUMBING FIXTURE SCHEDULE. CONTRACTOR TO FIELD VERIFY THE WATER CLOSET. THE NEW FIXTURE SELECTION SHOULD BE COMPATIBLE TO MOUNT/INSTALL TO EXISTING FLOOR MOUNT SPECIFICATIONS AND CARRIAGE. THE EXISTING WATER, DRAIN AND VENT PIPE TO REMAIN. THE NEW FIXTURE ROUGH-INS TO CONNECT TO EXISTING ROUGH-INS. CONTRACTOR TO TRIM/ADD/REPAIR/REPLACE EXISTING DRAIN AND VENT PIPING TO MATCH NEW FIXTURE AND FIXTURE ROUGH-INS AND CONNECT NEW WATER, DRAIN AND VENT PIPING BACK TO WATER CLOSET. CONTRACTOR TO CLEAN AND CLEAR FOR ANY DEBRIS AND CHECK FOR LEAKS. PROVIDE NEW WAX AND SEAL AT DRAIN PORT. PROVIDE AN EXTENDER ON TOILET FLANGE TO ACCOMMODATE THE HEIGHT FOR THE NEW CERAMIC TILE.
2. EXISTING LAVATORY AND FAUCET TO BE REPLACED WITH NEW PER PLUMBING FIXTURE SCHEDULE. CONTRACTOR TO FIELD VERIFY THE LAVATORY. THE NEW FIXTURE SELECTION SHOULD BE COMPATIBLE TO MOUNT/INSTALL TO EXISTING WALL MOUNT SPECIFICATIONS AND CARRIAGE. THE EXISTING DRAIN AND VENT PIPE TO REMAIN. THE NEW FIXTURE ROUGH-INS TO CONNECT TO EXISTING ROUGH-INS. CONTRACTOR TO TRIM/ADD/REPAIR/REPLACE EXISTING WATER, DRAIN AND VENT PIPING TO MATCH NEW FIXTURE AND FIXTURE ROUGH-INS AND CONNECT NEW WATER DRAIN AND VENT PIPING BACK TO SINK. CONTRACTOR TO CLEAN AND CLEAR FOR ANY DEBRIS AND CHECK FOR LEAKS IN EXISTING PIPING.
3. EXISTING CLASSROOM SINK AND FAUCET TO BE REPLACED WITH NEW PER PLUMBING FIXTURE SCHEDULE. CONTRACTOR TO FIELD VERIFY THE SINK. THE NEW FIXTURE SELECTION SHOULD BE COMPATIBLE TO MOUNT/INSTALL TO EXISTING WALL MOUNT SPECIFICATIONS AND CARRIAGE. THE EXISTING DRAIN AND VENT PIPE TO REMAIN. THE NEW FIXTURE ROUGH-INS TO CONNECT TO EXISTING ROUGH-INS. CONTRACTOR TO TRIM/ADD/REPAIR/REPLACE EXISTING WATER, DRAIN AND VENT PIPING TO MATCH NEW FIXTURE AND FIXTURE ROUGH-INS AND CONNECT NEW WATER DRAIN AND VENT PIPING BACK TO SINK. CONTRACTOR TO CLEAN AND CLEAR FOR ANY DEBRIS AND CHECK FOR LEAKS IN EXISTING PIPING.
4. EXISTING DRINKING FOUNTAIN TO BE REPLACED WITH NEW PER PLUMBING FIXTURE SCHEDULE. CONTRACTOR TO FIELD VERIFY THE DRINKING FOUNTAIN. THE NEW FIXTURE SELECTION SHOULD BE COMPATIBLE TO MOUNT/INSTALL TO EXISTING WALL MOUNT SPECIFICATIONS AND CARRIAGE. PROVIDE NEW P-TRAP. THE EXISTING DRAIN AND VENT PIPES TO REMAIN. THE NEW FIXTURE ROUGH-INS TO CONNECT TO EXISTING ROUGH-INS. CONTRACTOR TO TRIM/ADD/REPAIR/REPLACE EXISTING WATER, DRAIN AND VENT PIPING TO MATCH NEW FIXTURE AND FIXTURE ROUGH-INS AND CONNECT NEW WATER DRAIN AND VENT PIPING BACK TO DRINKING FOUNTAIN. CONTRACTOR TO CLEAN AND CLEAR FOR ANY DEBRIS AND CHECK FOR LEAKS IN EXISTING PIPING.
5. EXISTING FLOOR DRAIN TO REMAIN. REPLACE GRATE WITH NEW. CONTRACTOR TO FIELD VERIFY THE LOCATION FOR FLOOR DRAIN. FOR ANY LEAKAGES AND DAMAGE FOUND, FLOOR DRAIN TO REPLACE WITH NEW OF SAME MODEL. PROVIDE AN EXTENDER ON FLOOR DRAIN FLANGE TO ACCOMMODATE THE HEIGHT FOR THE NEW CERAMIC TILE.
6. RELOCATED WASHER AND WASHER BOX. PROVIDE NEW WATER HAMMER ARRESTOR AND STOP/CONTROL VALVES TO WASHER BOX. CONNECT NEW WATER AND VENT LINES OF SAME SIZE AS EXISTING LINES SERVING EXISTING WASHER TO NEAREST EXISTING RESPECTIVE LINES AT CEILING SPACE. CONENCT NEW SANITARY DRAIN BELOW SLAB OF SAME SIZE AS EXISTING LINE SERVING EXISTING WASHER TO NEAREST SANITARY LINE. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING PIPING.
7. PROVIDE NEW BERKO MODEL FFCH542 HEATER IN POSITION SHOWN. REFER TO MP1.1 FOR UNIT HEATER SCHEDULE.



1 PLUMBING FIRST FLOOR NEW WORK PLAN
MP1.1 1/8" = 1'-0"
0 4 8 16'



2 MECHANICAL FIRST FLOOR RCP
MP1.1 1/8" = 1'-0"
0 2 4 8'



100% DESIGN SUBMISSION
1/22/2020

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SCHOOL & LOCATION
JOHN MARSHALL ELEMENTARY SCHOOL

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PROJECT TITLE
CLASSROOM MODERNIZATION

DRAWING TITLE
PLUMBING FIRST FLOOR NEW WORK PLAN

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
B-031C OF 2019 / 20	B-033C OF 2019 / 20

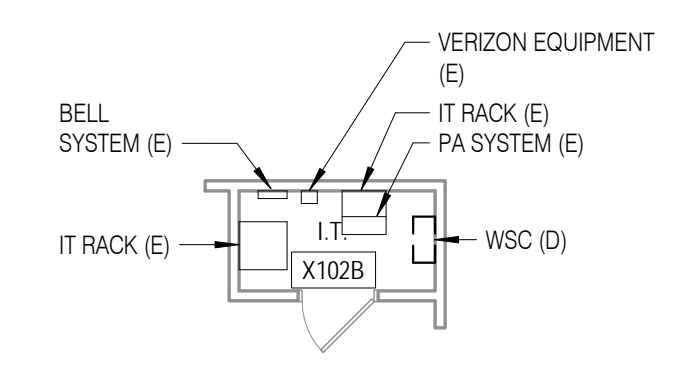
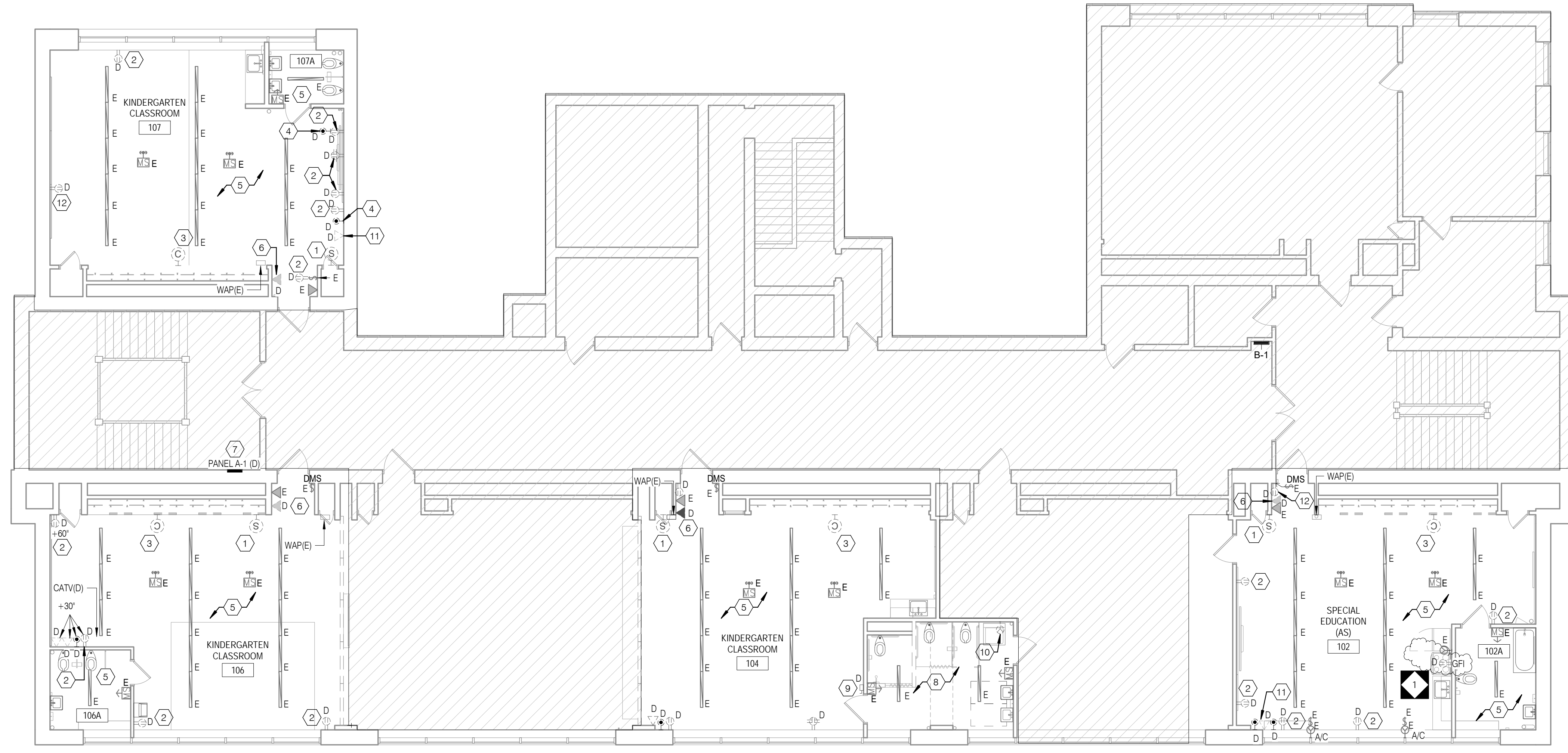
DRAWING NO.
MP1.1

GENERAL SHEET NOTES

- REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, GENERAL DEMOLITION NOTES, LEGEND AND ABBREVIATIONS. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES SHOWN ON THE DEMOLITION PLANS WITH DASHED LINES INDICATE AN EXISTING DEVICE TO BE DEMOLISHED.
- ALL EXISTING DEVICES TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.
- THE CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN SHALL BE MAINTAINED.

KEYED SHEET NOTES

- ALL EXISTING WALL MOUNTED PUBLIC ADDRESS SPEAKER TO BE REMOVED AND REINSTALLED IN PLACE. CONTRACTOR TO FIELD TEST FUNCTIONALITY AND REPLACE IF REQUIRED. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING RECEPTACLES WITH COVERPLATE IN THIS CLASSROOM. EXISTING CIRCUIT TO REMAIN. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- COMBINATION OF WIRED SYNCHRONOUS CLOCK AND ABANDONED PUBLIC ADDRESS SPEAKER SYSTEM ASSEMBLY TO BE REMOVED ALONG WITH ASSOCIATED CONDUIT/RACEWAY AND WIRING WITH THIS SYSTEM TO ITS ENTIRETY WITHIN THE ROOM. PROVIDE NEW BLANK PLATE AS NEEDED. PATCH AND PAINT AROUND THE BACKBOX AND ALONG THE REMOVED CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING NEW WALL CONSTRUCTION. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING CATV OUTLET, ASSOCIATED CABLE AND CONDUIT/RACEWAY IN ITS ENTIRETY WITHIN THE ROOM. PATCH AND PAINT ALONG THE REMOVED BACKBOX AND CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- ALL EXISTING LIGHT FIXTURES, ASSOCIATED LIGHTING CONTROLS, CONDUIT/RACEWAY AND WIRING IN THIS AREA, SHOWN OR NOT SHOWN, ARE EXISTING TO REMAIN.
- DISCONNECT AND REMOVE ALL EXISTING ABANDONED TELEPHONES, CONDUIT/RACEWAY AND WIRING ASSOCIATED WITH THIS SYSTEMS TO ITS ENTIRETY WITHIN THE ROOM. PROVIDE NEW BLANK COVER PLATE. PATCH AND PAINT AROUND COVER PLATE AND ALONG THE REMOVED CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- DEMOLISH EXISTING PANELBOARD "A-1" AND REPLACE IN PLACE WITH NEW PANELBOARD. CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL EXISTING ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF THE SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD "A-1". REFER TO NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING LIGHTING FIXTURES TO REMAIN. CONTRACTOR TO COORDINATE IN FIELD AND RELOCATE IF REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
- DISCONNECT AND REMOVE EXISTING 30A DISCONNECT SWITCH SERVING EXISTING TO BE DEMOLISHED UNIT HEATER IN RESTROOM 104A. CONTRACTOR RETAIN EXISTING CONDUIT TO FEED NEW UNIT HEATER DISCONNECT SWITCH. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DEMOLISH EXISTING SPECIALLY RECEPTACLE AND ASSOCIATED WIRING AND CONDUIT BACK TO INTERCEPTION POINT IN ROOM. REFER TO NEW WORK PLANS FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING DATA OUTLETS AND COVERPLATE ALONG WITH ASSOCIATED CAT5 CABLE. EXISTING CONDUIT TO REMAIN IN PLACE. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING RECEPTACLE, ASSOCIATED WIRING AND CONDUIT/RACEWAY. PATCH AND PAINT ALONG THE REMOVED BACK BOX AND CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.



ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/ CONDUIT AND CONDUCTORS IN EACH CLASSROOM.

1 ELECTRICAL FIRST FLOOR DEMOLITION PLAN
ED1.1 1/8" = 1'-0"



CONRAD DELACRUZ
STATE AND LICENSE NO. PE09048

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100% DESIGN SUBMISSION
1/22/2020

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PROJECT TITLE
**CLASSROOM
MODERNIZATION**

DRAWING TITLE
**ELECTRICAL FIRST FLOOR
DEMOLITION PLAN**

LOCATION NO.	FILE NO.
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8-031C	OF	2019 / 2020
8-032C	OF	2019 / 2020

DRAWING NO.
ED1.1

SEAL:



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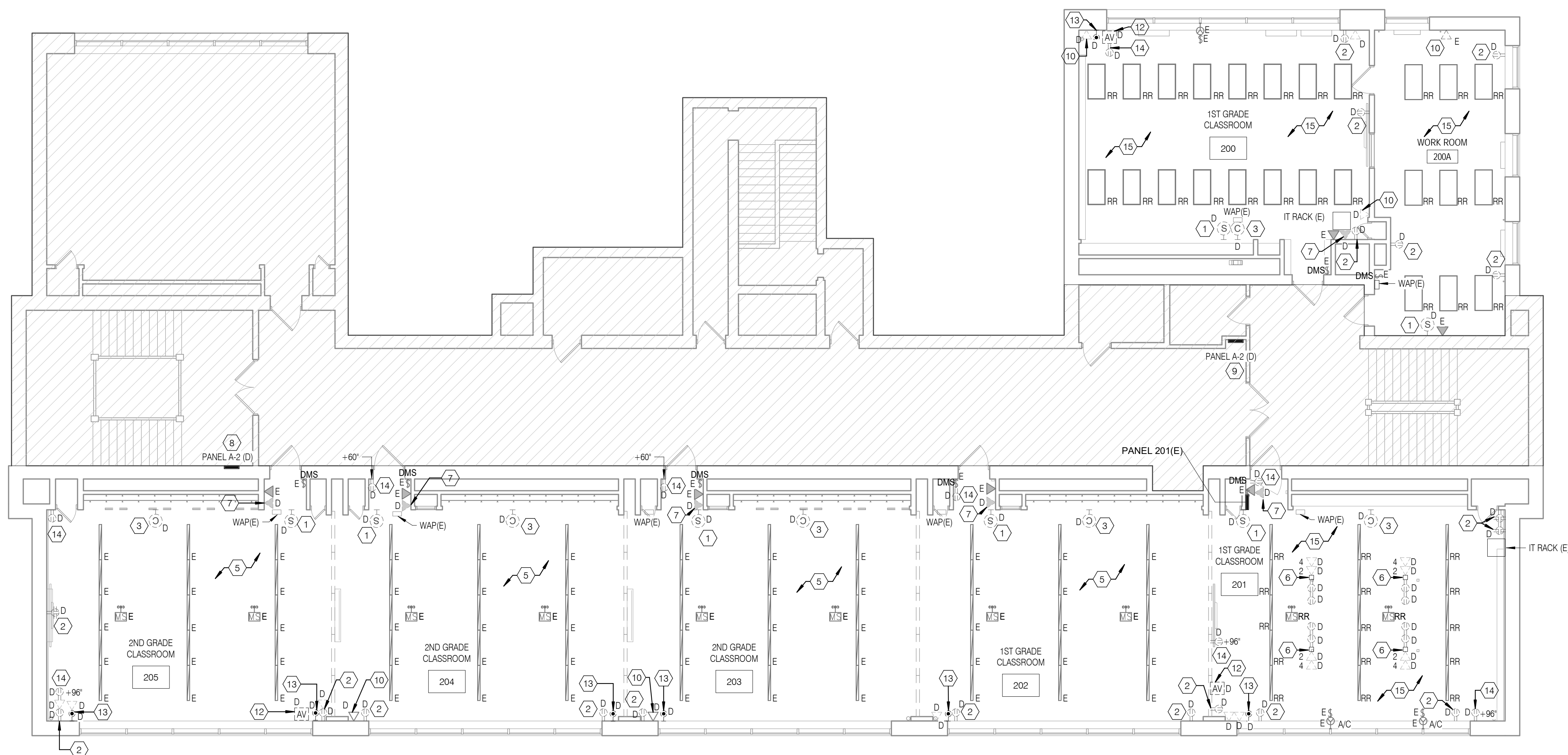
Email: deepak.setty@setty.com
Attn: Deepak Ajimane

GENERAL SHEET NOTES

- REFER TO DRAWING E01 FOR ELECTRICAL GENERAL NOTES, GENERAL DEMOLITION NOTES, LEGEND AND ABBREVIATIONS.
- UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES SHOWN ON THE DEMOLITION PLANS WITH DASHED LINES INDICATE AN EXISTING DEVICE TO BE DEMOLISHED.
- ALL EXISTING DEVICES TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.
- THE CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN SHALL BE MAINTAINED.

KEYED SHEET NOTES

- ALL EXISTING WALL MOUNTED PUBLIC ADDRESS SPEAKER TO BE REMOVED AND REINSTALLED IN PLACE. CONTRACTOR TO FIELD TEST FUNCTIONALITY AND REPLACE IF REQUIRED. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING ABANDONED SPEAKERS, CONDUIT/RACEWAY AND WIRING ASSOCIATED WITH THIS SYSTEMS TO ITS ENTIRETY WITHIN THE ROOM. PROVIDE NEW BLANK COVER PLATE, PATCH AND PAINT AROUND COVER PLATE AND ALONG THE REMOVED CONDUIT/RACEWAY ROUTE, NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- COMBINATION OF WIRED SYNCHRONOUS CLOCK AND ABANDONED PUBLIC ADDRESS SPEAKER SYSTEM ASSEMBLY TO BE DEMOLISHED ALONG WITH ASSOCIATED CONDUIT/RACEWAY AND WIRING WITH THIS SYSTEM TO ITS ENTIRETY WITHIN THE ROOM. PROVIDE NEW BLANK PLATE AS NEEDED. PATCH AND PAINT AROUND THE BACKBOX AND ALONG THE REMOVED CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING ABANDONED SPEAKERS, CONDUIT/RACEWAY AND WIRING ASSOCIATED WITH THIS SYSTEMS TO ITS ENTIRETY WITHIN THE ROOM. PROVIDE NEW BLANK COVER PLATE, PATCH AND PAINT AROUND COVER PLATE AND ALONG THE REMOVED CONDUIT/RACEWAY ROUTE, NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- ALL EXISTING LIGHT FIXTURES, ASSOCIATED LIGHTING CONTROLS, CONDUIT/RACEWAY AND WIRING IN THIS AREA, SHOWN OR NOT SHOWN, ARE EXISTING TO REMAIN.
- DEMOLISH EXISTING POWER POLE, ASSOCIATED POLE MOUNTED RECEPTACLES AND DATA OUTLETS, ASSOCIATED CONDUIT/RACEWAY AND WIRING BACK TO SOURCE OF SUPPLY. PATCH AND REFINISH FLOOR AND CEILING AS REQUIRED. NEW FINISHES TO MATCH EXISTING ADJACENT FLOOR AND CEILING CONSTRUCTION.
- DISCONNECT AND REMOVE ALL EXISTING ABANDONED TELEPHONES, CONDUIT/RACEWAY AND WIRING ASSOCIATED WITH THIS SYSTEMS TO ITS ENTIRETY WITHIN THE ROOM. PROVIDE NEW BLANK COVER PLATE, PATCH AND PAINT AROUND COVER PLATE AND ALONG THE REMOVED CONDUIT/RACEWAY ROUTE, NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- DEMOLISH EXISTING PANELBOARD "A-2" AND REPLACE IN PLACE WITH NEW PANELBOARD. CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL EXISTING ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF THE SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD "A-2". REFER TO NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION.
- DEMOLISH EXISTING PANELBOARD "B-2" AND REPLACE IN PLACE WITH NEW PANELBOARD. CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL EXISTING ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF THE SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD "B-2". REFER TO NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING DATA OUTLETS AND COVERPLATE ALONG WITH ASSOCIATED CATS CABLE. EXISTING CONDUIT TO REMAIN IN PLACE. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING RECEPTACLE, ASSOCIATED WIRING AND CONDUIT/RACEWAY. PATCH AND PAINT ALONG THE REMOVED BACK BOX AND CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- DISCONNECT AND REMOVE EXISTING AUDIO VISUAL OUTLET, ASSOCIATED CABLE AND CONDUIT/RACEWAY IN ITS ENTIRETY WITHIN THE ROOM. PATCH AND PAINT ALONG THE REMOVED BACK BOX AND CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- DISCONNECT AND REMOVE EXISTING CATV OUTLET, ASSOCIATED CABLE AND CONDUIT/RACEWAY IN ITS ENTIRETY WITHIN THE ROOM. PATCH AND PAINT ALONG THE REMOVED BACKBOX AND CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- DISCONNECT AND REMOVE EXISTING RECEPTACLE, ASSOCIATED WIRING AND CONDUIT/RACEWAY. PATCH AND PAINT ALONG THE REMOVED BACK BOX AND CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES AND ASSOCIATED CEILING MOUNTED CONTROL DEVICES TO ACCOMMODATE NEW ACT CEILING. EXISTING ASSOCIATED WIRING AND CONDUIT TO REMAIN IN PLACE. CONTRACTOR TO PROTECT FIXTURES AND DDURING CONSTRUCTION AND REINSTALL AT SAME LOCATION FOLLOWING THE INSTALLATION OF THE NEW CEILING.



ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/ CONDUIT AND CONDUCTORS IN EACH CLASSROOM.

1 ELECTRICAL SECOND FLOOR DEMOLITION PLAN
ED1.2 1/8" = 1'-0"

100% DESIGN SUBMISSION
1/22/2020

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1	03/05/2020	ADDENDUM #1
NO.	DATE	REVISION

SCHOOL & LOCATION
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PROJECT TITLE
**CLASSROOM
MODERNIZATION**

DRAWING TITLE

**ELECTRICAL SECOND
FLOOR DEMOLITION PLAN**

LOCATION NO.	FILE NO.
DRAWN BY NBS	CHECKED BY DAT
8-031C 8-032C	OF CF
2019 / 2020	2019 / 2020

DRAWING NO.
ED1.2

SEAL:



CONRAD DELACRUZ
STATE AND LICENSE NO. PE09048

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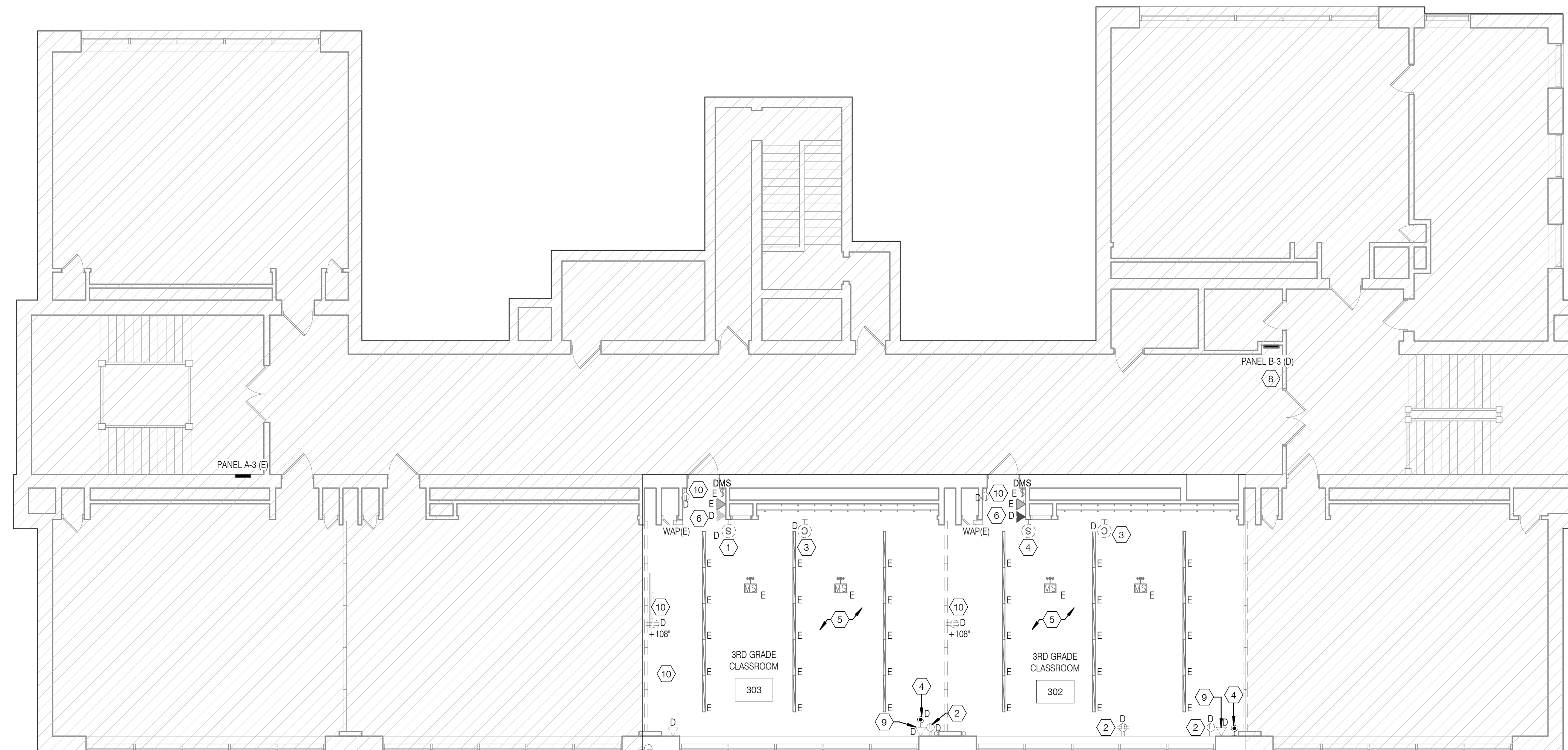
Email: deepak.a@setty.com
Attn: Deepak Ajimane

GENERAL SHEET NOTES

- REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, GENERAL DEMOLITION NOTES, LEGEND AND ABBREVIATIONS.
- UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES SHOWN ON THE DEMOLITION PLANS WITH DASHED LINES INDICATE AN EXISTING DEVICE TO BE DEMOLISHED.
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KEYED SHEET NOTES

- ALL EXISTING WALL MOUNTED PUBLIC ADDRESS SPEAKER TO BE REMOVED AND REINSTALLED IN PLACE. CONTRACTOR TO FIELD TEST FUNCTIONALITY AND REPLACE IF REQUIRED. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE ALL EXISTING RECEPTACLES WITH COVERPLATE IN THIS CLASSROOM. EXISTING CIRCUIT TO REMAIN. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- COMBINATION OF WIRED SYNCHRONOUS CLOCK AND ABANDONED PUBLIC ADDRESS SPEAKER SYSTEM ASSEMBLY TO BE DEMOLISHED ALONG WITH ASSOCIATED CONDUIT/RACEWAY AND WIRING WITH THIS SYSTEM TO ITS ENTIRETY WITHIN THE ROOM. PROVIDE NEW BLANK PLATE AS NEEDED. PATCH AND PAINT AROUND THE BACKBOX AND ALONG THE REMOVED CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING NEW WALL CONSTRUCTION. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING CATV OUTLET. ASSOCIATED CABLE AND CONDUIT/RACEWAY IN ITS ENTIRETY WITHIN THE ROOM. PATCH AND PAINT ALONG THE REMOVED BACKBOX AND CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- ALL EXISTING LIGHT FIXTURES, ASSOCIATED LIGHTING CONTROLS, CONDUIT/RACEWAY AND WIRING IN THIS AREA, SHOWN OR NOT SHOWN, ARE EXISTING TO REMAIN.
- DISCONNECT AND REMOVE ALL EXISTING ABANDONED TELEPHONES, CONDUIT/RACEWAY AND WIRING ASSOCIATED WITH THIS SYSTEMS TO ITS ENTIRETY WITHIN THE ROOM. PROVIDE NEW BLANK COVER PLATE. PATCH AND PAINT AROUND COVER PLATE AND ALONG THE REMOVED CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.
- DISCONNECT AND REMOVE EXISTING RECEPTACLE AND ASSOCIATED CONDUIT/RACEWAY AND WIRING BACK TO SOURCE OF SUPPLY.
- DEMOLISH EXISTING PANELBOARD 'B-3' AND REPLACE IN PLACE WITH NEW PANELBOARD. CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL EXISTING ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF THE SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD 'B-3'. REFER TO NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING DATA OUTLETS AND COVERPLATE ALONG WITH ASSOCIATED CATS CABLE. EXISTING CONDUIT TO REMAIN IN PLACE. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.
- DISCONNECT AND REMOVE EXISTING RECEPTACLE, ASSOCIATED WIRING AND CONDUIT/RACEWAY. PATCH AND PAINT ALONG THE REMOVED BACK BOX AND CONDUIT/RACEWAY ROUTE. NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION.



ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/ CONDUIT AND CONDUCTORS IN EACH CLASSROOM.

1 ELECTRICAL THIRD FLOOR DEMOLITION PLAN
ED1.3 1/8" = 1'-0"

100% DESIGN SUBMISSION
1/22/2020

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1	03/05/2020	ADDENDUM #1
NO.	DATE	REVISION

SCHOOL & LOCATION
**JOHN MARSHALL
ELEMENTARY SCHOOL**

4500 GRISCOM STREET,
PHILADELPHIA, PA 19124

PROJECT TITLE
**CLASSROOM
MODERNIZATION**

DRAWING TITLE
**ELECTRICAL THIRD FLOOR
DEMOLITION PLAN**

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
NBS	DAT
8-031C	2019 / 2020
8-032C	OF 2019 / 2020

DRAWING NO.
ED1.3

SEAL:



CONRAD DELACRUZ
STATE AND LICENSE NO. PE08948

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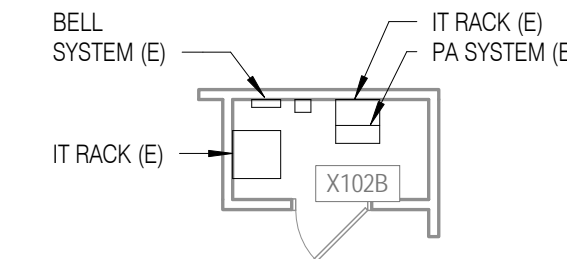
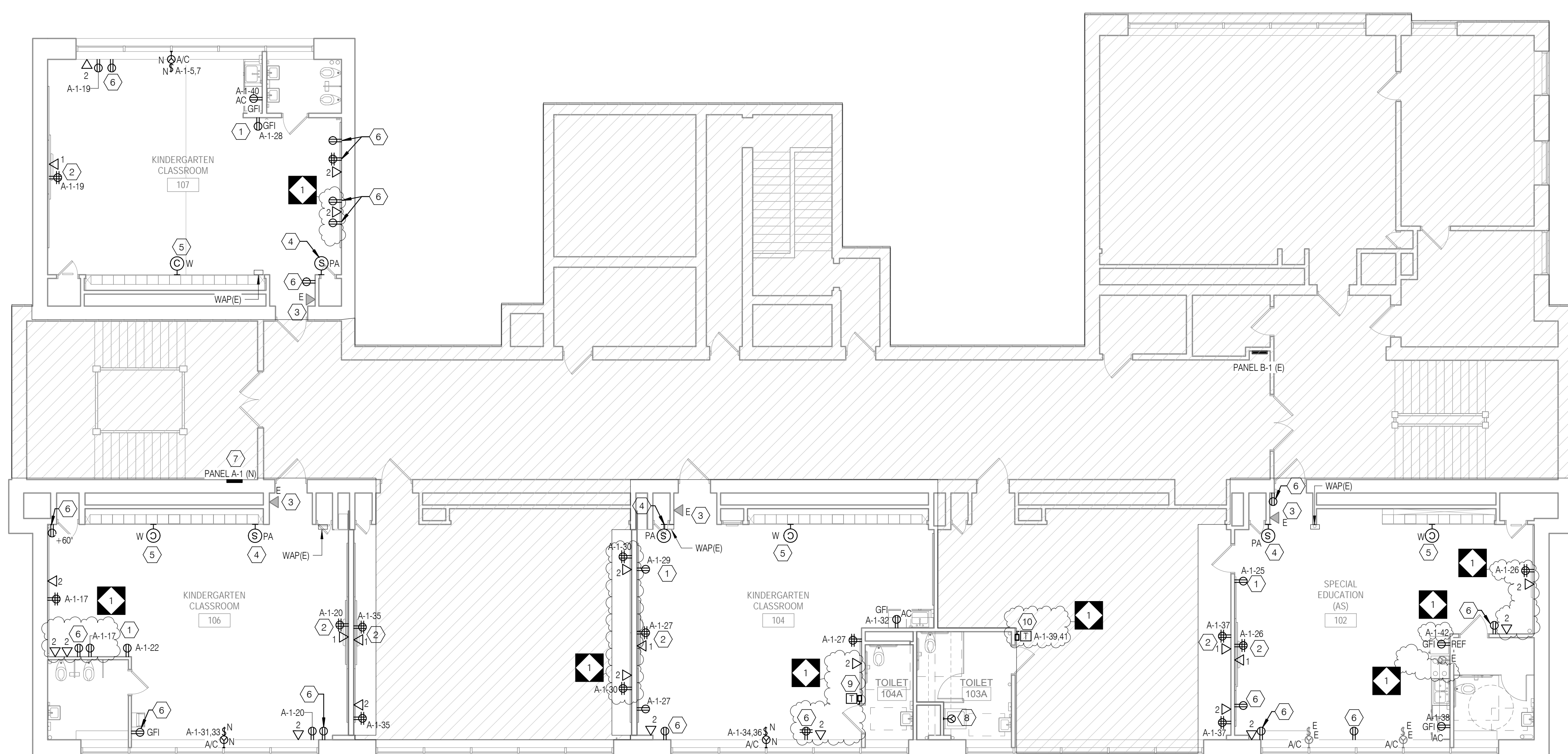
Email: deepak.setty@setty.com
Attn: Deepak Ajmane

GENERAL SHEET NOTES

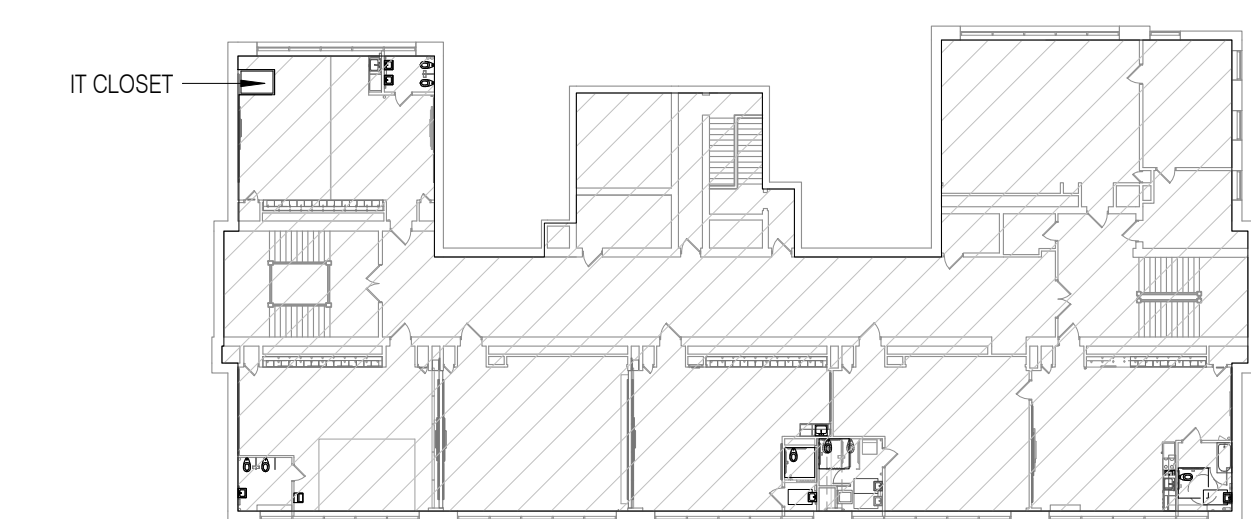
- REFER TO DRAWING E01 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- REFER TO ARCHITECTURAL DRAWINGS, ELEVATION & DETAILS FOR EXACT LOCATION OF ELECTRICAL DEVICES.
- ALL RECEPTACLES, TELEPHONE OUTLETS WITH ASSOCIATED WIRING, CONDUIT, FACEWAYS, ETC SHALL BE SURFACE MOUNTED ON EXISTING WALLS AND FLUSH MOUNTED ON NEW WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPES.
- ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOPE OF WORK AREAS THAT ARE EXISTING TO REMAIN SHALL BE PROVIDED WITH NEW DEVICES.
- ALL NEW 15- AND 20-AMPERE, 125- AND 250-VOLT NON-LOCKING TYPE RECEPTACLES SHALL BE TAMPER RESISTANT AS PER NEC 408.12.
- ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND FACEWAYS IN CORNERS OF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS.

KEYED SHEET NOTES

- PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX RECEPTACLE FOR LAPTOP CART CHARGING STATION.
- CONTRACTOR TO COORDINATE IN FIELD FOR EXACT LOCATION OF RECEPTACLE AND DATA OUTLET SERVING THE INTERACTIVE SMARTBOARD TO AVOID CONFLICT WITH BASE PLATE. REFER TO ARCHITECTURAL DRAWING AS 1 DETAIL, #1 AND #2 FOR EXACT LOCATION AND MOUNTING HEIGHT.
- CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING TELEPHONE OUTLETS AND REPLACE AS REQUIRED. NEW TO MATCH EXISTING IN KIND MAKE AND TYPE.
- NEW LOCATION OF RELOCATED PA SPEAKER. COORDINATE IN FIELD FOR EXACT LOCATION.
- PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT.
- PROVIDE NEW TAMPER RESISTANT RECEPTACLE WITH COVER PLATE AND RECONNECT TO EXISTING CIRCUIT.
- NEW PANELBOARD 'A-1'. CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.
- CONTRACTOR TO PROVIDE NEW SPECIALTY RECEPTACLE FOR RELOCATED COMBINATION WASHER AND DRYER. NEMA CONFIGURATION SHALL MATCH EXISTING. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRING FROM INTERCEPTION POINT TO NEW RECEPTACLE LOCATION. NEW WIRE RATINGS SHALL MATCH THAT OF EXISTING. MAINTAIN CONTINUITY TO OTHER DEVICES/ EQUIPMENT BEYOND SCOPE AREA AFFECTED BY NEW WIRING WORK.
- PROVIDE NEW 30A, 240V DISCONNECT SWITCH AND 240V PRIMARY/20V SECONDARY TRANSFORMER FOR NEW SPACE HEATER IN TOILET 104A. CONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING DEMOLISHED UNIT. COORDINATE WITH MECHANICAL DRAWINGS AND EQUIPMENT VENDOR FOR EXACT CONNECTION REQUIREMENTS PRIOR TO PURCHASE.
- PROVIDE NEW 30A, 240V DISCONNECT SWITCH AND 240V PRIMARY/20V SECONDARY TRANSFORMER FOR NEW SPACE HEATER IN TOILET 103A. COORDINATE WITH MECHANICAL DRAWINGS AND EQUIPMENT VENDOR FOR EXACT CONNECTION REQUIREMENTS PRIOR TO PURCHASE.



1 ELECTRICAL FIRST FLOOR POWER PLAN
E2.1 1/8" = 1'-0"



BASEMENT LEVEL KEYPLAN

100% DESIGN SUBMISSION
1/22/2020

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1	03/05/2020 ADDENDUM #1	
NO.	DATE	REVISION

SCHOOL & LOCATION
**JOHN MARSHALL
ELEMENTARY SCHOOL**

4500 GRISCOM STREET,
PHILADELPHIA, PA 19124

PROJECT TITLE
**CLASSROOM
MODERNIZATION**

DRAWING TITLE

**ELECTRICAL FIRST FLOOR
POWER & TECHNOLOGY
PLAN**

LOCATION NO. FILE NO.

DRAWN BY CHECKED BY
NBS DAT

8-031C OF 2019 / 2020
8-032C OF 2019 / 2020

DRAWING NO.

E2.1

SEAL:



CONRADO DELACRUZ
STATE AND LICENSE NO. PE09048

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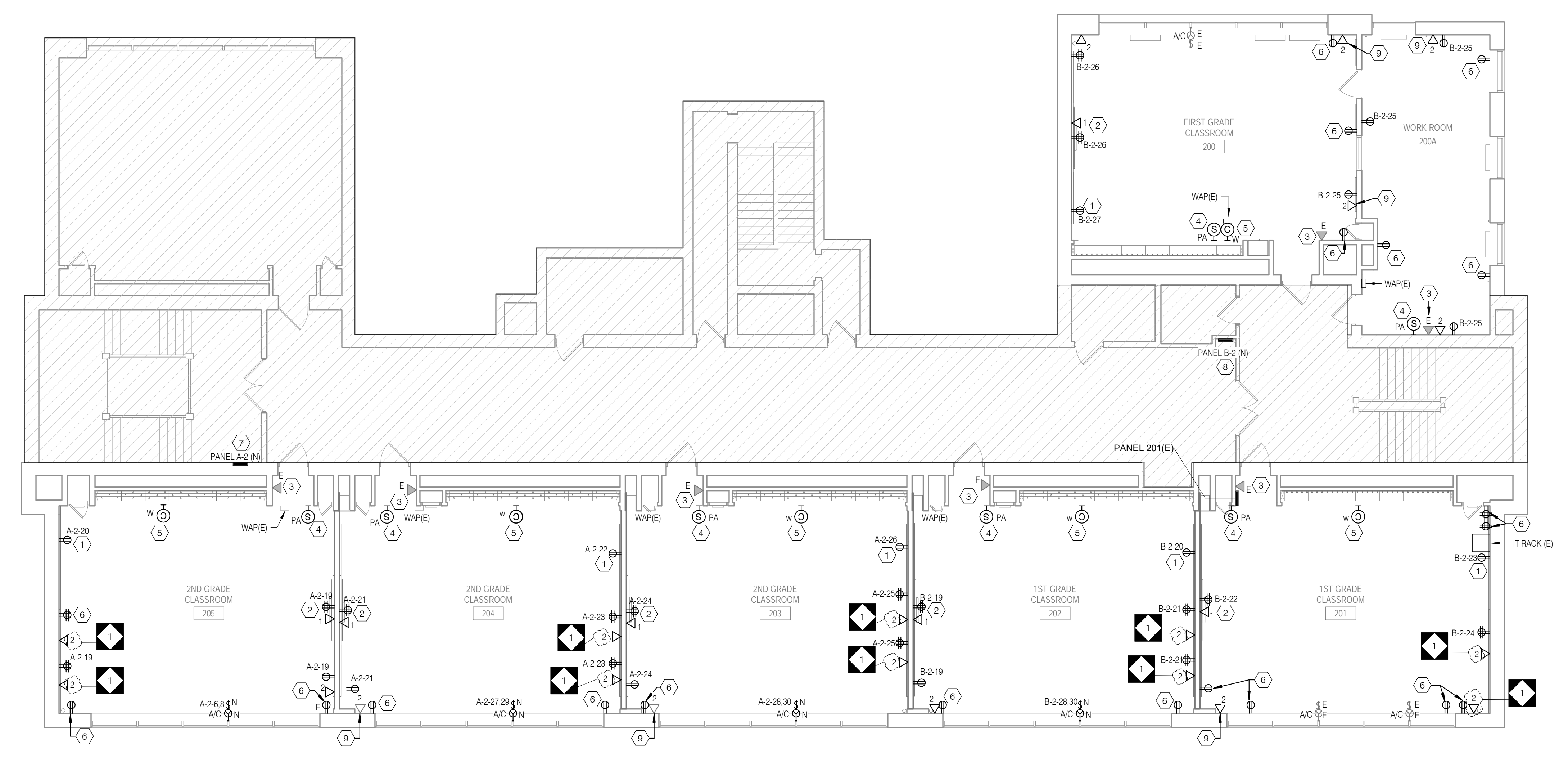
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Attn: Deepak Ajmane

- GENERAL SHEET NOTES**
- REFER TO DRAWING E01 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS
 - REFER TO ARCHITECTURAL DRAWINGS, ELEVATION & DETAILS FOR EXACT LOCATION OF ELECTRICAL DEVICES
 - ALL RECEPTACLES, TELEPHONE OUTLETS WITH ASSOCIATED WIRING, CONDUIT, RACEWAYS, ETC SHALL BE SURFACE MOUNTED ON EXISTING WALLS AND FLUSH MOUNTED ON NEW WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPES
 - ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOPE OF WORK AREAS THAT ARE EXISTING TO REMAIN SHALL BE PROVIDED WITH NEW DEVICES
 - ALL NEW 15- AND 20-AMPERE, 125- AND 250-VOLT NON-LOCKING TYPE RECEPTACLES SHALL BE TAMPER RESISTANT AS PER NEC 408.12
 - ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS

- KEYED SHEET NOTES**
- PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX RECEPTACLE FOR LAPTOP CART CHARGING STATION
 - CONTRACTOR TO COORDINATE IN FIELD FOR EXACT LOCATION OF RECEPTACLE AND DATA OUTLET SERVING THE INTERACTIVE SMARTBOARD TO AVOID CONFLICT WITH BASE PLATE. REFER TO ARCHITECTURAL DRAWING AS 1 DETAIL #1 AND #2 FOR EXACT LOCATION AND MOUNTING HEIGHT
 - CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING TELEPHONE OUTLETS AND REPLACE AS REQUIRED. NEW TO MATCH EXISTING IN KIND MAKE AND TYPE
 - NEW LOCATION OF RELOCATED PA SPEAKER. COORDINATE IN FIELD FOR EXACT LOCATION
 - PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT
 - PROVIDE NEW TAMPER RESISTANT RECEPTACLE WITH COVER PLATE AND RECONNECT TO EXISTING CIRCUIT
 - NEW PANELBOARD #2: CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD
 - NEW PANELBOARD 'B-2': CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD
 - PROVIDE NEW CAT 6 CABLE, DATA OUTLETS WITH COVER PLATE AND RECONNECT TO EXISTING PATCH PANEL



1 ELECTRICAL SECOND FLOOR POWER PLAN
E2.2 1/8" = 1'-0"

100% DESIGN SUBMISSION
1/22/2020

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NO.	DATE	REVISION

SCHOOL & LOCATION
**JOHN MARSHALL
ELEMENTARY SCHOOL**

4500 GRISCOM STREET,
PHILADELPHIA, PA 19124

PROJECT TITLE
**CLASSROOM
MODERNIZATION**

DRAWING TITLE
**ELECTRICAL SECOND
FLOOR POWER &
TECHNOLOGY PLAN**

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
NBS	DAT

B-011C	OF	2019 / 2020
B-033C	CF	2019 / 2020

DRAWING NO.
E2.2

SEAL:



CONRADO DELACRUZ
STATE AND LICENSE NO. PE09048

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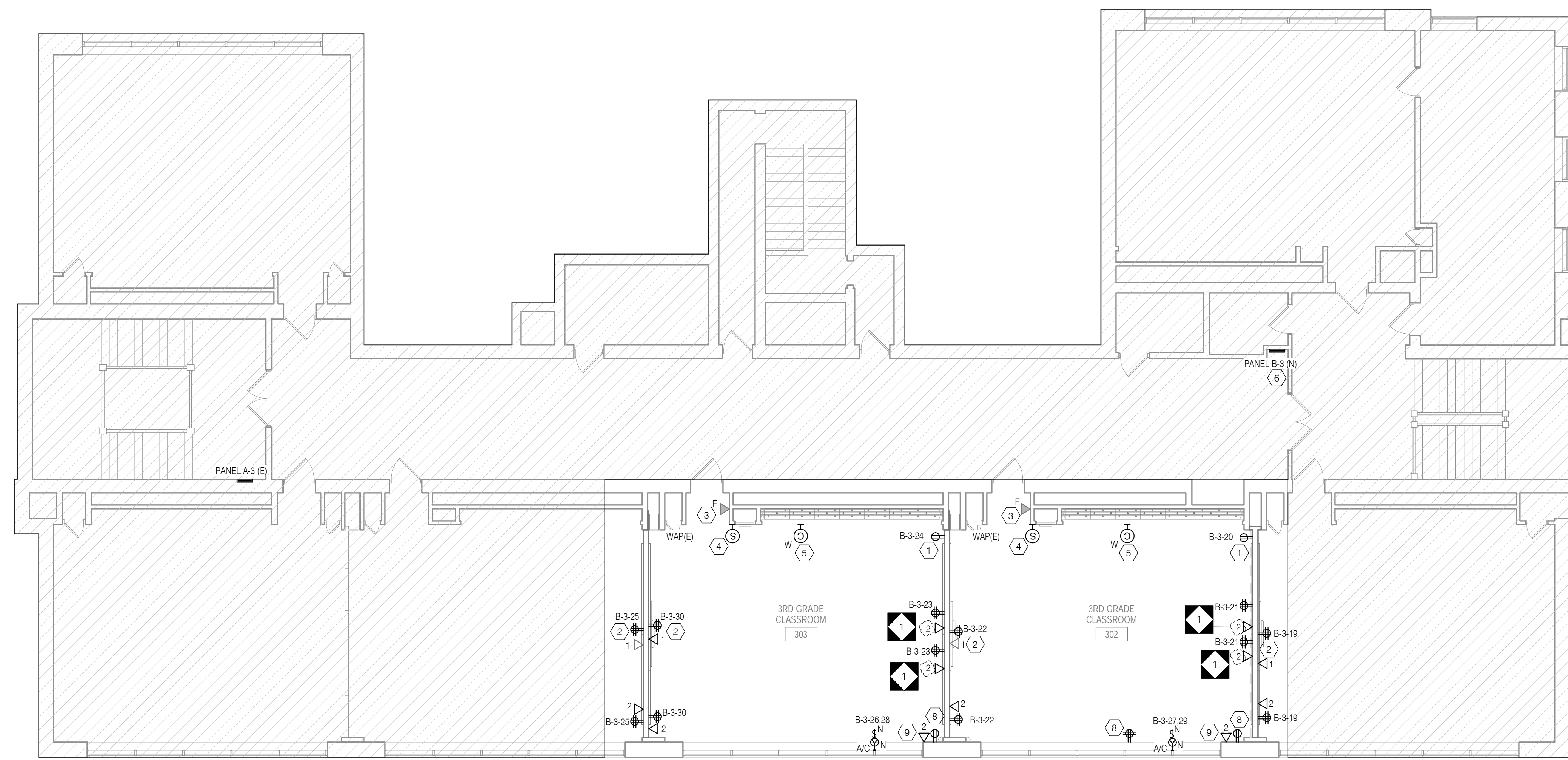
Email: deepak.setty@setty.com
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GENERAL SHEET NOTES

- REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- REFER TO ARCHITECTURAL DRAWINGS, ELEVATION & DETAILS FOR EXACT LOCATION OF ELECTRICAL DEVICES.
- ALL RECEPTACLES, TELEDATA OUTLETS WITH ASSOCIATED WIRING, CONDUIT, RACEWAYS, ETC SHALL BE SURFACE MOUNTED ON EXISTING WALLS AND FLUSH MOUNTED ON NEW WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPES. ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOPE OF WORK AREAS THAT ARE EXISTING TO REMAIN SHALL BE PROVIDED WITH NEW DEVICES.
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KEYED SHEET NOTES

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- CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING TELEPHONE OUTLETS AND REPLACE AS REQUIRED. NEW TO MATCH EXISTING IN KIND AND MAKE AND TYPE. NEW LOCATION OF RELOCATED PA SPEAKER. COORDINATE IN FIELD FOR EXACT LOCATION.
- PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT.
- NEW PANELBOARD "B-3": CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.
- PROVIDE NEW CAT 6 CABLE, DATA OUTLETS WITH COVER PLATE AND RECONNECT TO EXISTING PATCH PANEL.
- PROVIDE NEW TAMPER RESISTANT RECEPTACLE WITH COVER PLATE AND RECONNECT TO EXISTING CIRCUIT.



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E2.3 ELECTRICAL THIRD FLOOR POWER PLAN
1/8" = 1'-0"

100% DESIGN SUBMISSION
1/22/2020

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1	03/05/2020 ADDENDUM #1	
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**JOHN MARSHALL
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PROJECT TITLE
**CLASSROOM
MODERNIZATION**

DRAWING TITLE

**ELECTRICAL THIRD FLOOR
POWER & TECHNOLOGY
PLAN**

LOCATION NO.	FILE NO.
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B-031C OF 2019 / 2020
B-032C OF 2019 / 2020

DRAWING NO.

E2.3

Lead Safe Certification for J Marshall ES

Name of Inspector: Charles Rhodes

Inspection Dates: through

Inspection Company: Batta Environmental

ULCS# 7360

ULCS#	On-Site Room Name	Student/Teacher Occupied (yes/no)	Primary Component (see terms)	Substrate Material	Color	Description of Primary Damage (see terms)	Primary Component Damage Quantity (sf)	XRF Reading (mg/cm2)	Primary Component XRF (positive/negative)	Additional Component (see terms)	Substrate Material	Color	Description of Paint and Plaster Damage (see terms)
7360	Roof		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over Classroom 306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over Classroom 306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over Classroom 306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over Classroom 306		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over 3rd Floor (Main Attic)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over 3rd Floor (Main Attic)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over 3rd Floor (Main Attic)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over 3rd Floor (Main Attic)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Attic over 3rd Floor (Main Attic)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		W3	Plaster	White	Moisture Damage	35	4.7	Positive	Radiator	Metal	Grey	Flaking
7360	Hallway		W3	Plaster	Tan	Moisture Damage	15	13.3	Positive	N/A	N/A	N/A	N/A
7360	Hallway		Ceiling	Plaster	White	Moisture Damage	30	27.4	Positive	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		W1	Plaster	White	Moisture Damage	30	-0.2	Negative	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		W2	Plaster	White	Moisture Damage	100	0.1	Negative	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		W3	Plaster	White	Moisture Damage	30	0.7	Negative	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		W4	Plaster	White	Moisture Damage	30	6.8	Negative	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		W1	Plaster	Tan	Moisture Damage	6	-0.1	Negative	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		W2	Plaster	Tan	Moisture Damage	100	0.1	Negative	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		W3	Plaster	Tan	Moisture Damage	5	0.1	Negative	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		W4	Plaster	Tan	Moisture Damage	4	25.1	Positive	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Ceiling	Plaster	White	Moisture Damage	100	17.1	Positive	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Ceiling	Plaster	White	Moisture Damage	100	17.1	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Window Casing	Wood	White	Moisture Damage	6	0.5	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Trim	Wood	Brown	Chipping	10	0.2	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Baseboard	Wood	Blue	Chipping	23	1.9	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Newel Posts	Metal	Blue	Chipping	15	8.9	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Balusters	Metal	Blue	Chipping	12	9.5	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Stair Riser	Metal	Blue	Chipping	24	6.8	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 306		Window Sill	Wood	Brown	Friction	2	0.5	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 301		Ceiling	Plaster	White	Moisture Damage	12	1.3	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 301		W3	Metal	Blue	Chipping	20	10.3	N/A	Window sill	Wood	Brown	Chipping
7360	Stairwell outside Classroom 301		W3	Metal	Blue	Flaking	50	10.5	N/A	Newel posts	Metal	Blue	Chipping
7360	Stairwell outside Classroom 301		W4	N/A	N/A	N/A	N/A	N/A	N/A	Ballasts	Metal	Blue	Chipping
7360	Stairwell outside Classroom 301		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 300		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Brown	Chipping

7360	Classroom 300		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Casing	Metal	Tan	Chipping
7360	Classroom 300		W1	N/A	N/A	N/A	N/A	N/A	N/A	Coat Rack	Metal	Tan	Chipping
7360	Classroom 300		W1	Plaster	Tan	Alligatoring	45	22		Baseboard	Wood	Brown	Chipping
7360	Classroom 300		W3	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 300		W3	N/A	N/A	N/A	N/A	N/A	N/A	Window sill	Wood	Brown	Chipping
7360	Classroom 300		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 300		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 300A		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Brown	Chipping
7360	Classroom 300A		W4	N/A	N/A	N/A	N/A	N/A	N/A	Radiator	Metal	Silver	Chipping
7360	Classroom 300A		W3	N/A	N/A	N/A	N/A	N/A	N/A	Radiator	Metal	Silver	Chipping
7360	Classroom 300A		W2	N/A	N/A	N/A	N/A	N/A	N/A	Radiator	Metal	Silver	Chipping
7360	Classroom 300A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 300A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 300A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Boy's Restroom outside Classroom 302		W1	Plaster	Tan	Cracking	2	0.4		Door Frame	Wood	Brown	Chipping
7360	Boy's Restroom outside Classroom 302		W2	N/A	N/A	N/A	N/A	N/A	N/A	Radiator	Metal	Silver	Chipping
7360	Boy's Restroom outside Classroom 302		W4	Plaster	Tan	Cracking	2	0.6		Baseboard	Wood	Brown	Chipping
7360	Boy's Restroom outside Classroom 302		W3	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Boy's Restroom outside Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Boy's Restroom outside Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Boy's Restroom outside Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 300		W2	Plaster	Yellow	Cracking	11.7	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 300		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 300		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 300		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 301		W1	Plaster	Tan	Chipping	2	7.2	N/A	Door Frame	Metal	Brown	Chipping
7360	Classroom 301		W1	Plaster	Tan	Alligatoring	20	25.1	N/A	Door Casing	Metal	Tan	Chipping
7360	Classroom 301		W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 301		Ceiling	Plaster	Tan	Moisture Damage	20	26	N/A	N/A	N/A	N/A	N/A
7360	Classroom 301		W3	N/A	N/A	N/A	N/A	N/A	N/A	Window sill	Wood	Brown	Chipping
7360	Classroom 302		W3	Plaster	Tan	Flaking	3	-0.2	Negative	N/A	N/A	N/A	N/A
7360	Classroom 302		W1	Plaster	Tan	Flaking	2	-0.3	Negative	Door Frame	Metal	Tan	Friction
7360	Classroom 302		W1	Plaster	Tan	Cracking	10	20.4	Positive	Door Casing	Wood	Brown	Friction
7360	Classroom 302		W1	Wood	Tan	Flaking	1	0.2	Negative	N/A	N/A	N/A	N/A
7360	Classroom 302		W2	Wood	Tan	Flaking	5	-0.2	Negative	N/A	N/A	N/A	N/A
7360	Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 302		W4	Plaster	Tan	Cracking	12	-0.1	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 302		Ceiling	Plaster	Tan	Cracking	10	27.2	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 302		W3	Plaster	Tan	Cracking	10	-0.1	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 302		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 303		W1	Plaster	Tan	Cracking	6	18.6	N/A	Baseboard	Wood	Brown	Cracking
7360	Classroom 303		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Tan	Friction
7360	Classroom 303		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Casing	Wood	Brown	Friction
7360	Classroom 303		W3	Plaster	Tan	Cracking	3	-0.1	N/A	Window Sill	Wood	Brown	Flaking
7360	Classroom 303		W3	N/A	N/A	N/A	N/A	N/A	N/A	Window Apron	Wood	Brown	Flaking
7360	Classroom 303		W3	N/A	N/A	N/A	N/A	N/A	N/A	Window Casing	Wood	Brown	Flaking
7360	Classroom 303		W3	Plaster	Tan	Cracking	3	-0.1	N/A	N/A	N/A	N/A	N/A

7360	Stairwell Landing beside Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 106		W2	Plaster	Tan	Chipping	6	0.2	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 106		W3	Plaster	Tan	Chipping	10	0.2	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 204		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 204		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 106		W4	Plaster	Tan	Chipping	8	6	N/A				
7360	Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside of Main Office		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door	Metal	Brown	Chipping
7360	Stairwell outside of Main Office		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Brown	Chipping
7360	Stairwell outside of Main Office		W3	N/A	N/A	N/A	N/A	N/A	N/A	Newel posts	Metal	Blue	Chipping
7360	Stairwell outside of Main Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside of Main Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Main Entrance Vestibule		W1	Plaster	Tan	Cracking	5	14.2	N/A	Door	Metal	Brown	Chipping
7360	Main Entrance Vestibule		W2	Plaster	Tan	Cracking	8	4.2	N/A	N/A	N/A	N/A	N/A
7360	Main Entrance Vestibule		W3	Plaster	Tan	Cracking	8	14.2	N/A	N/A	N/A	N/A	N/A
7360	Main Entrance Vestibule		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Fire Tower Stairwell outside Classroom 104		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Fire Tower Stairwell outside Classroom 104		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Fire Tower Stairwell outside Classroom 104		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Main Office		W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Main Office		W2	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Main Office		W3	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Main Office		W4	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Main Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Main Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Main Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Main Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Main Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Principal's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Principal's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Principal's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Principal's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Nurse's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Nurse's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Nurse's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Nurse's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Nurse's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Nurse's Office		W1	Plaster	Green	Cracking	3	-0.1	N/A	N/A	N/A	N/A	N/A
7360	Nurse's Office		W3	Plaster	Green	Cracking	1	0	N/A	N/A	N/A	N/A	N/A
7360	Nurse's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Nurse's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Nurse's Office		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Speech Therapy Office outside Classroom 103		W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping

7360	Speech Therapy Office outside Classroom 103		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	White	Chipping
7360	Speech Therapy Office outside Classroom 103		W2	N/A	N/A	N/A	N/A	N/A	N/A	Radiator	Metal	Silver	Chipping
7360	Speech Therapy Office outside Classroom 103		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Speech Therapy Office outside Classroom 103		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Speech Therapy Office outside Classroom 103		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Classroom 102		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 103		W2	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 103		W1	N/A	N/A	N/A	N/A	N/A	N/A	Closet Floor	Wood	Brown	Chipping
7360	Classroom 103		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 103		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 103		W3	Plaster	Tan	Chipping	5	0.1	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 103		W4	Plaster	Tan	Chipping	4	0.1	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 103		Ceiling	Plaster	Tan	Chipping	2	0.1	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 103		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 103		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 103		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 104		W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 104		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door	Wood	Tan	Chipping
7360	Classroom 104		W2	Plaster	Tan	Chipping	50	0.1	N/A	N/A	N/A	N/A	N/A
7360	Classroom 105		W3	N/A	N/A	N/A	N/A	N/A	N/A	Window frame	Metal	Brown	Chipping
7360	Classroom 104		W4	Plaster	Tan	Chipping	15	0	N/A	N/A	N/A	N/A	N/A
7360	Classroom 104		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 104		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 104		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 104 Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 104 Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 104 Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 104 Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 105		W1	Plaster	Tan	Chipping	12	-0.4	N/A	N/A	N/A	N/A	N/A
7360	Classroom 105		W1	Plaster	White	Chipping	30	21.5	N/A	N/A	N/A	N/A	N/A
7360	Classroom 105		W3	N/A	N/A	N/A	N/A	N/A	N/A	Window sill	Wood	Brown	Chipping
7360	Classroom 104		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 105		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 105		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 105		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 105		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 105		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Office)		W2	Plaster	Grey	Chipping	10	0.2	N/A	N/A	N/A	N/A	N/A
7360	Office)		W3	Plaster	Grey	Chipping	36	0.1	N/A	Radiator cover	Metal	Grey	Chipping

7360	Office)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Dean's Office beside Fire Tower Stairwell (Front Office)		W4	Plaster	Blue	Flaking	14.7	10	N/A	N/A	N/A	N/A	N/A
7360	Dean's Office beside Fire Tower Stairwell (Front Office)		W2	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Wood	White	Flaking
7360	Dean's Office beside Fire Tower Stairwell (Front Office)		W2	N/A	N/A	N/A	N/A	N/A	N/A	Door	Wood	Brown	Chipping
7360	Dean's Office beside Fire Tower Stairwell (Front Office)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Dean's Office beside Fire Tower Stairwell (Front Office)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 106		W1	Plaster	Blue	Chipping	10	0.1	N/A	Closet Floor	Wood	Brown	Chipping
7360	Classroom 106		W2	Plaster	Blue	Chipping	12	19	N/A	Door	Wood	Blue	Chipping
7360	Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Restroom inside Classroom 106		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107		W1	Plaster	Tan	Chipping	2	24.9	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107 Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107 Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107 Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 107 Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Hallway		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell beside Boy's Restroom		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door	Metal	Brown	Chipping
7360	Stairwell beside Boy's Restroom		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Brown	Chipping
7360	Stairwell beside Boy's Restroom		W3	N/A	N/A	N/A	N/A	N/A	N/A	Newel posts	Metal	Blue	Chipping
7360	Stairwell beside Boy's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell beside Boy's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell beside Teacher's Lounge		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door	Metal	Brown	Chipping
7360	Stairwell beside Teacher's Lounge		W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Brown	Chipping
7360	Stairwell beside Teacher's Lounge		W3	N/A	N/A	N/A	N/A	N/A	N/A	Newel posts	Metal	Blue	Chipping
7360	Stairwell beside Teacher's Lounge		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Stairwell beside Teacher's Lounge		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Basement Hallway/Cafeteria Serving Area		W1	Brick	Tan	Flaking	5	6	N/A	Baseboard	Wood	Brown	Chipping
7360	Basement Hallway/Cafeteria Serving Area		W2	Brick	Tan	Flaking	25	9.4	N/A	Baseboard	Wood	Brown	Chipping
7360	Basement Hallway/Cafeteria Serving Area		W3	Brick	Tan	Flaking	6	9.4	N/A	Baseboard	Wood	Brown	Chipping

7360	Janitor's Closet inside Gym/Cafeteria/Auditorium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Janitor's Closet inside Gym/Cafeteria/Auditorium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Janitor's Closet inside Gym/Cafeteria/Auditorium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Staff Restroom		W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A
7360	Staff Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Staff Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Staff Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Storage Closet inside Teacher's Lounge		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Special Education Office		W1	Brick	Tan	Flaking	15	0.1	N/A	N/A	N/A	N/A	N/A
7360	Special Education Office		W3	Brick	Tan	Flaking	15	0.1	N/A	N/A	N/A	N/A	N/A
7360	Special Education Office		W4	Brick	Tan	Flaking	25	0.1	N/A	N/A	N/A	N/A	N/A
7360	Special Education Office		Ceiling	Plaster	White	Flaking	120	18.4	N/A	N/A	N/A	N/A	N/A
7360	Special Education Office Storage		W3	Brick	Tan	Flaking	20	-0.1	N/A	N/A	N/A	N/A	N/A
7360	Special Education Office Storage		W4	Brick	Tan	Flaking	40	0.1	N/A	N/A	N/A	N/A	N/A
7360	Special Education Office Storage		Ceiling	Plaster	White	Flaking	100	18.4	N/A	N/A	N/A	N/A	N/A
7360	Special Education Office - Bathroom		Ceiling	Plaster	White	Flaking	25	18.4	N/A	N/A	N/A	N/A	N/A
7360	Home & School Office		W1	Plaster	Tan	Chipping	6	0	Negative	Door Frame	Metal	Brown	Chipping
7360	Home & School Office		W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A
7360	Home & School Office		W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A
7360	Home & School Office		W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A
7360	Girl's Restroom		W3	Brick	White	Flaking	10	1.3	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		Ceiling	Plaster	White	Flaking	15	1.3	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Gym Storage Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Staff Restroom inside Gym Storage		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Staff Restroom inside Gym Storage		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Staff Restroom inside Gym Storage		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Staff Restroom inside Gym Storage		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Boiler Room		W1	Brick	White	Flaking	75	1.4	N/A	N/A	N/A	N/A	N/A
7360	Boiler Room		W2	Brick	White	Flaking	75	1.4	N/A	N/A	N/A	N/A	N/A
7360	Boiler Room		W3	Brick	White	Flaking	300	1.4	N/A	N/A	N/A	N/A	N/A
7360	Boiler Room		W4	Brick	White	Flaking	200	1.4	N/A	N/A	N/A	N/A	N/A
7360	Boiler Room		Ceiling	Plaster	White	Flaking	1300	1.4	N/A	N/A	N/A	N/A	N/A

Additional Component Damage Quantity (sf)	XRF Reading (mg/cm2)	Additional Component XRF (positive/ negative)	Debris Present (describe location)	Quantity (sf)	Contents Need to be Moved	On-going Moisture Intrusion	Plastering Needed (yes or no)	Comments/ Description/ Notes
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
60SF	15.9							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
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N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
5	0.5							
20	10.3							
50	10.5							
N/A	N/A							
3	-0.1							

2	0							
2	0.3							
2	-0.1				coat area			
4	0.2							
9	0.4							
N/A	N/A							
N/A	N/A							
4	-0.1							
1	14.6							
2	12.6							
1	18.3							
N/A	N/A							
N/A	N/A							
N/A	N/A							
4	0							
5	23.5							
3	4.2							
3	5.1							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
1	0							
5	0.3				Back wall inside coat area			
3	0.1							
N/A	N/A							
8	0.1							
N/A	N/A							
2	0							
2	0.2				coat closet			
N/A	N/A							
N/A	N/A				Wall Dividers			
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
10	0.4							
2	0.1							
2	0							
5	0.3				closet			
9	0.2							
8	0.5							
N/A	N/A							

N/A	N/A							
N/A	N/A							
1	0.1							
1	0.1							
35	6.5							
1	1.4							
N/A	N/A							
N/A	N/A							
N/A	N/A							
2	0				closet			
2	0.2							
6	0.2							
5	0.4							
12	0.1							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
N/A	N/A							
1	0							
N/A	N/A							
2	0.3							
N/A	N/A							
7	0.2				closet			
7	0.7							
5	0.1							inaccessible-no key
3	0.2							
4	0.1							
12	0				closet			
8	6							
6	4							
1	0							
1	0.1							
12	5.2	Positive						
N/A	N/A	N/A						
10	0.2	Negative						
10	0.2	Negative						
20	0.1							
N/A	N/A	N/A						
N/A	N/A	N/A						
6	20.1	Positive						
20	0.2	Negative						
20	0.1	Negative						
N/A	N/A	N/A						
N/A	N/A	N/A						
15	12.3							
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						

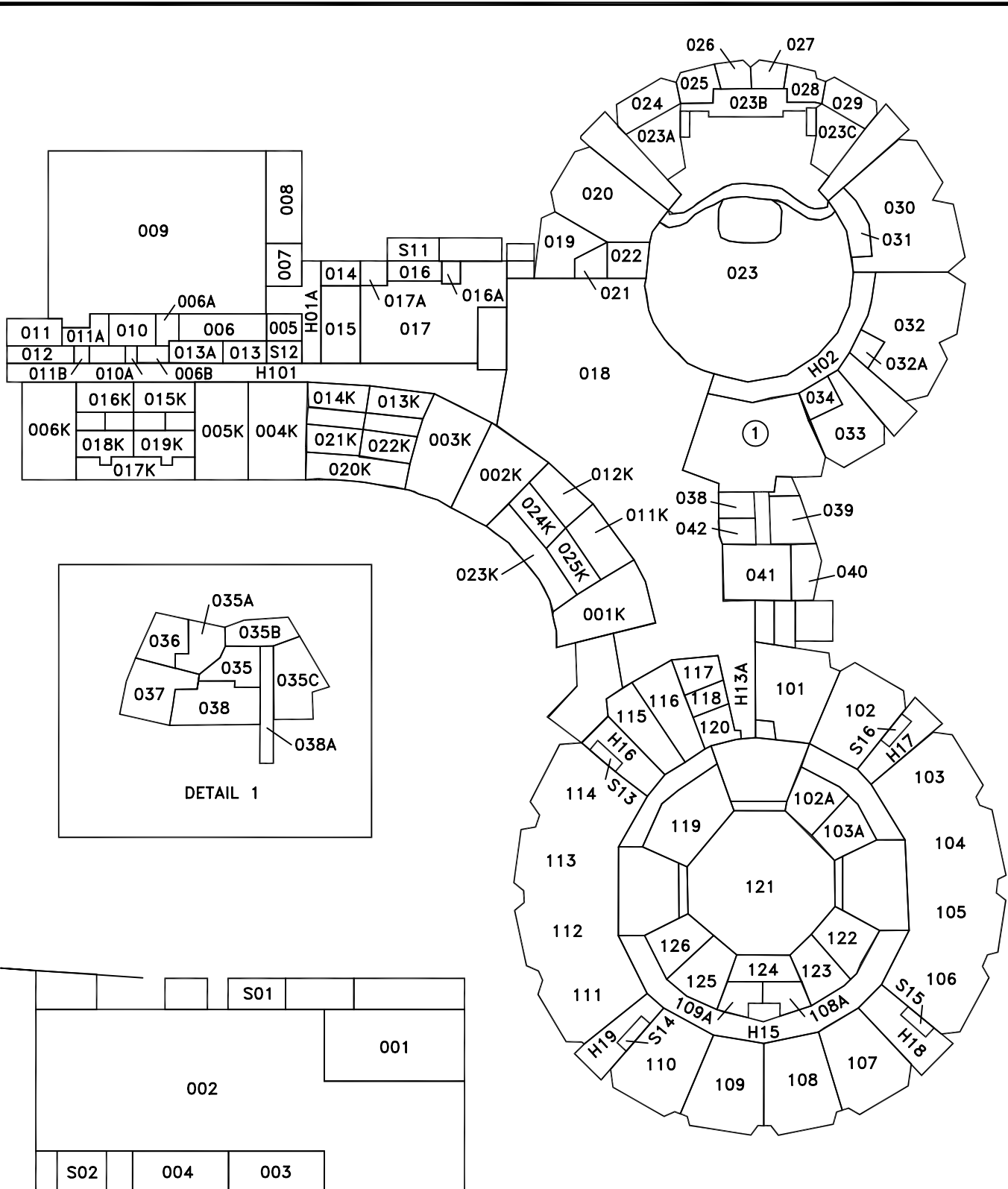
5	0.2				
N/A	N/A	N/A			
N/A	N/A	N/A			
3	0.1				
N/A	N/A	N/A			
6	11.3				
3	0.3				
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
5	0.2				
10	0.1				
4	0.2				
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
2	0				
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
2	0.2				
3	-0.1				
3	0.7				
5	0				
2	0.6				
N/A	N/A	N/A			
N/A	N/A	N/A			
8	0.4				
8	0.2				
N/A	N/A	N/A			
N/A	N/A	N/A			
3	0.4				
5	0.3				
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
12	-0.1				
8	0.4				
N/A	N/A	N/A			
6	0.2				
3	0.1				
7	12.3				
N/A	N/A	N/A			

N/A	N/A	N/A				
4	3.2					
2	3.2					
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
6	0.2					
3	0.1					
7	12.3					
N/A	N/A	N/A				
N/A	N/A	N/A				
8	0.1					
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
10	0.2	N/A				
10	0.2	N/A				
10	0.2	N/A				
10	0.2	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
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N/A	N/A	N/A				
N/A	N/A	N/A				
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30	0.1	N/A				

6	0	N/A				
6	0	N/A				
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N/A	N/A	N/A				
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N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
10	0.1					
12	0					
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
30	-0.1					
6	0.1					
N/A	N/A	N/A				
5	0.1					
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
7	0.1					
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
N/A	N/A	N/A				
3	0.5					

N/A	N/A	N/A						
N/A	N/A	N/A						
6	-0.1							
6	0.1							
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
15	0.4							
6	0.2							
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
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N/A	N/A	N/A						
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6	0.2							
3	0.1							
7	12.3							
N/A	N/A	N/A						
N/A	N/A	N/A						
6	0.2							
3	0.1							
7	12.3							
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	2.7	N/A						
N/A	2.7	N/A						
N/A	2.7	N/A						

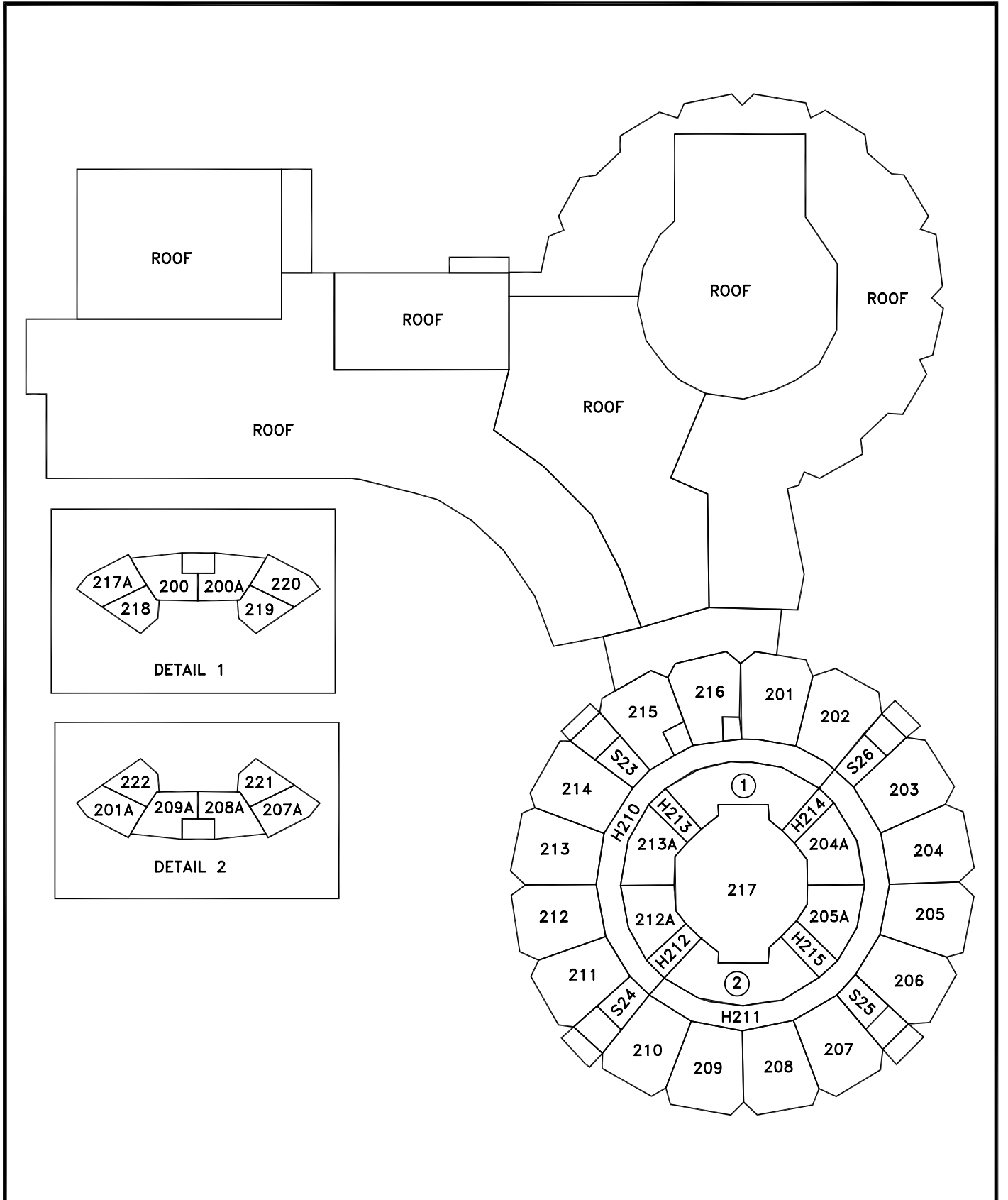
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N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
		Negative						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	Negative						
N/A	N/A	N/A						
N/A	N/A	Negative						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
5	19.5	N/A						
6	19.5	N/A						
10	19.5	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
7	10.7							
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	2.7	N/A						
N/A	2.7	N/A						
N/A	2.7	N/A						
15	0.3	N/A						
	2.7	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						
N/A	N/A	N/A						



BASEMENT FLOOR PLAN

NOT TO SCALE

SCHOOL NUMBER - 64702601 - 01 FLOOR - 01



NOT TO SCALE

SCHOOL NUMBER - 64706101 - 02