THE SCHOOL DISTRICT OF PHILADELPHIA Office of Capital Programs 440 North Broad Street, 3rd Floor – Suite 371 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 not 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

 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".
- 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".
- REVISE Color Scheme Schedule Color Scheme C to read as: "COLOR SCHEME C SECOND GRADE".
 - a. ADD Color Scheme Information for Color Scheme C.
- 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 14.2 – 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 14.4 – INTERIOR ELEVATIONS

- 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".
- 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.
- 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

- 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."
- 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.

<u>4. BIDDER QUESTIONS SUBMITTED TO DATE & RESPONSES ARE</u> <u>AS FOLLOWS:</u>

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

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 graft 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 indicating the product or actions reauired Specifications Section "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.

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

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

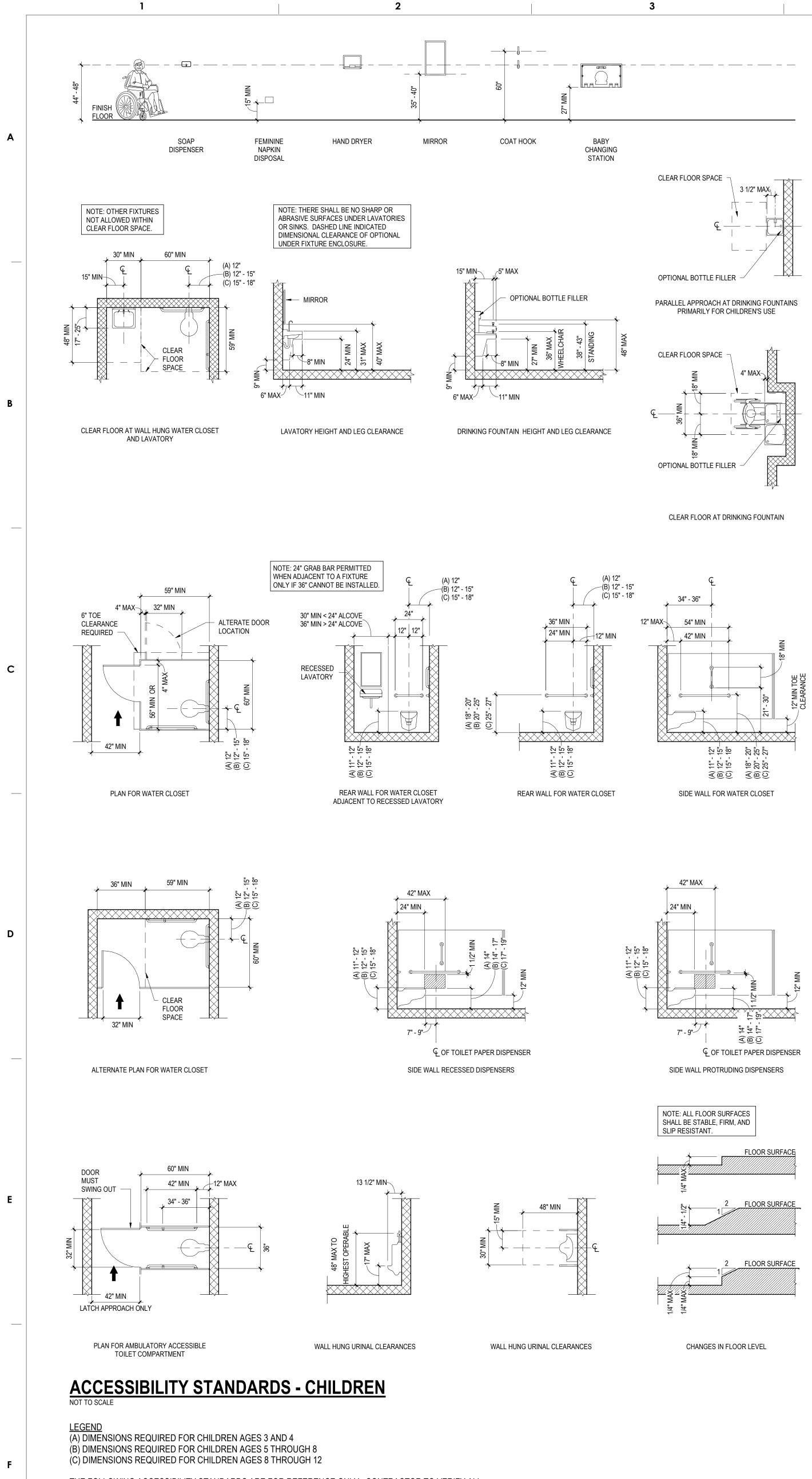
- A. Adjust moving parts and operable components to function smoothly, and lubricate as recommended by manufacturer.
- B. Set field-adjustable circuit-breaker trip ranges as specified in other section for "Coordination Studies."

- 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

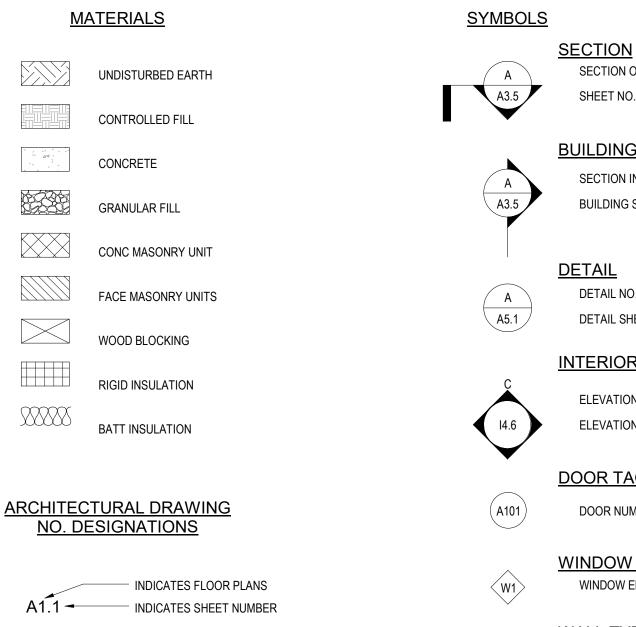


THE FOLLOWING ACCESSIBILITY STANDARDS ARE FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL APPLICABLE ACCESSIBILITY CODES PRIOR TO INSTALLATION OF ANY PARTS.

LEGEND

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GENERAL PROJECT ALTERATION NOTES:

- CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND RECORDING OF 7. ALL EXISTING BUILDING DIMENSIONS AND CONDITIONS RELATED TO THE WORK, INCLUDING BUT NOT LIMITED TO FINISHES, MATERIALS AND SYSTEMS SHOWN AND DESIGNATED AS EXISTING IN CONTRACT DOCUMENTS. ANY DISCREPANCIES FROM INFORMATION INDICATED ON CONTRACT DOCUMENTS SHALL BE DIRECTED TO THE ATTENTION OF THE ARCHITECT. VERIFICATION OF CLEARANCES REQUIRED FOR ALL EXISTING AND NEW EQUIPMENT, PIPING, DUCTWORK, AND RELATED COMPONENTS SHALL BE THE CONTRACTORS RESPONSIBILITY.
- CONTRACTOR IS RESPONSIBLE TO REVIEW WITH THE OWNERS REPRESENTATIVE, ALL ITEMS REQUIRING REMOVAL BEFORE THE START OF WORK. OWNER RESERVES THE RIGHT TO SALVAGE ANY ITEM. ALL REMAINING ITEMS SHALL BE DISPOSED OF OFF SITE AS DIRECTED BY THE OWNERS REPRESENTATIVE.
- CONTRACTOR RESPONSIBLE TO VISUALLY INSPECT THE STRUCTURAL INTEGRITY OF ALL EXISTING ITEMS, SUCH AS EXISTING PLASTER CEILINGS. ANY ITEMS OF CONCERN OR FAILURE SHALL BE DIRECTED TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATION OF MEP EQUIPMENT, DEVICES, OUTLET BOXES, ETC. WITH OTHER EQUIPMENT 10. AND FINISH SCHEDULE PRIOR TO INSTALLATION. AT NO POINT SHALL CONDUIT INTERFERE WITH PROPOSED LOCATIONS OF DISPLAY BOARDS, CASEWORK OR INTERACTIVE DISPLAY BOARD (SMART BOARD) REQUIREMENTS.
- INTERACTIVE DISPLAY BOARDS (SMART BOARDS): ALL NEW INTERACTIVE DISPLAY BOARD LOCATIONS SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY PARTS. EXISTING INTERACTIVE DISPLAY BOARDS SHALL BE REMOVED BY OWNER PRIOR TO THE START OF CONSTRUCTION. IF ANY INTERACTIVE DISPLAY BOARDS REMAIN AT THE START OF CONSTRUCTION, CONTACT THE OWNER'S REPRESENTATIVE IMMEDIATELY BEFORE DEMOLITION. ANY REMAINING INTERACTIVE DISPLAY BOARDS APPROVED BY THE OWNER'S REPRESENTATIVE TO BE REMOVED, SHALL BE REMOVED BY THE CONTRACTOR. CONTRACTOR TO PROVIDE REQUIRED POWER AND BLOCKING FOR NEW INTERACTIVE DISPLAY BOARDS PER MANUFACTURER'S STANDARDS.
- WALL INFILL GENERAL: WHERE EXISTING WALL OPENINGS ARE INDICATED TO BE CLOSED, USE MATERIALS AND FINISHES TO MATCH ADJACENT EXISTING FINISHES. MASONRY WALLS AND INFILLS THAT ARE IN CONTINUANCE WITH EXISTING MASONRY WALLS SHALL BE TOOTHED INTO THE EXISTING COURSING TO ACHIEVE A UNIFORM JOINT PATTERN TO MATCH THE EXISTING WORK. MATCH EXISTING WALL THICKNESS.

INTERIOR STUD WALL TYPES

- 3 5/8" METAL STUDS - 5/8" GYPSUM WALL BOARD - SOUND ATTENUATION BLANKET S1 G" METAL STUDS 5/8" GYPSUM WALL BOARD (BOTH SIDES)

- SOUND ATTENUATION

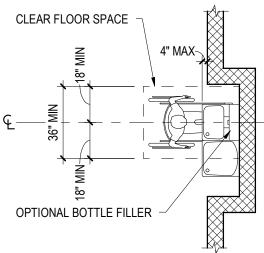
BLANKET

S4

- 3 5/8" METAL STUDS 5/8" GYPSUM WALL BOARD (BOTH SIDES) SOUND ATTENUATION BLANKET S2
- 7/8" METAL FURRING - 5/8" GYPSUM WALL BOARD — EXISTING WALL

12.

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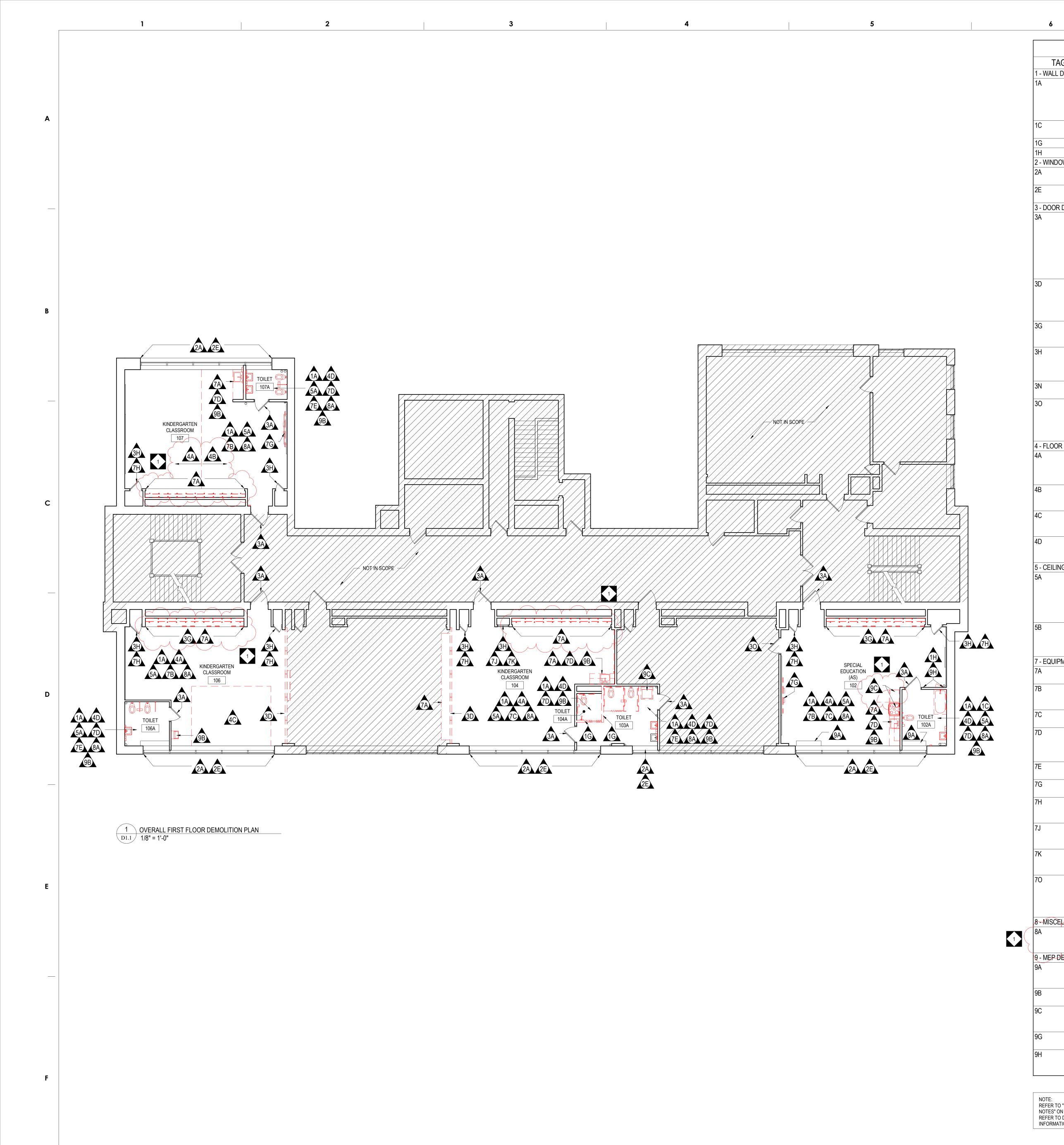
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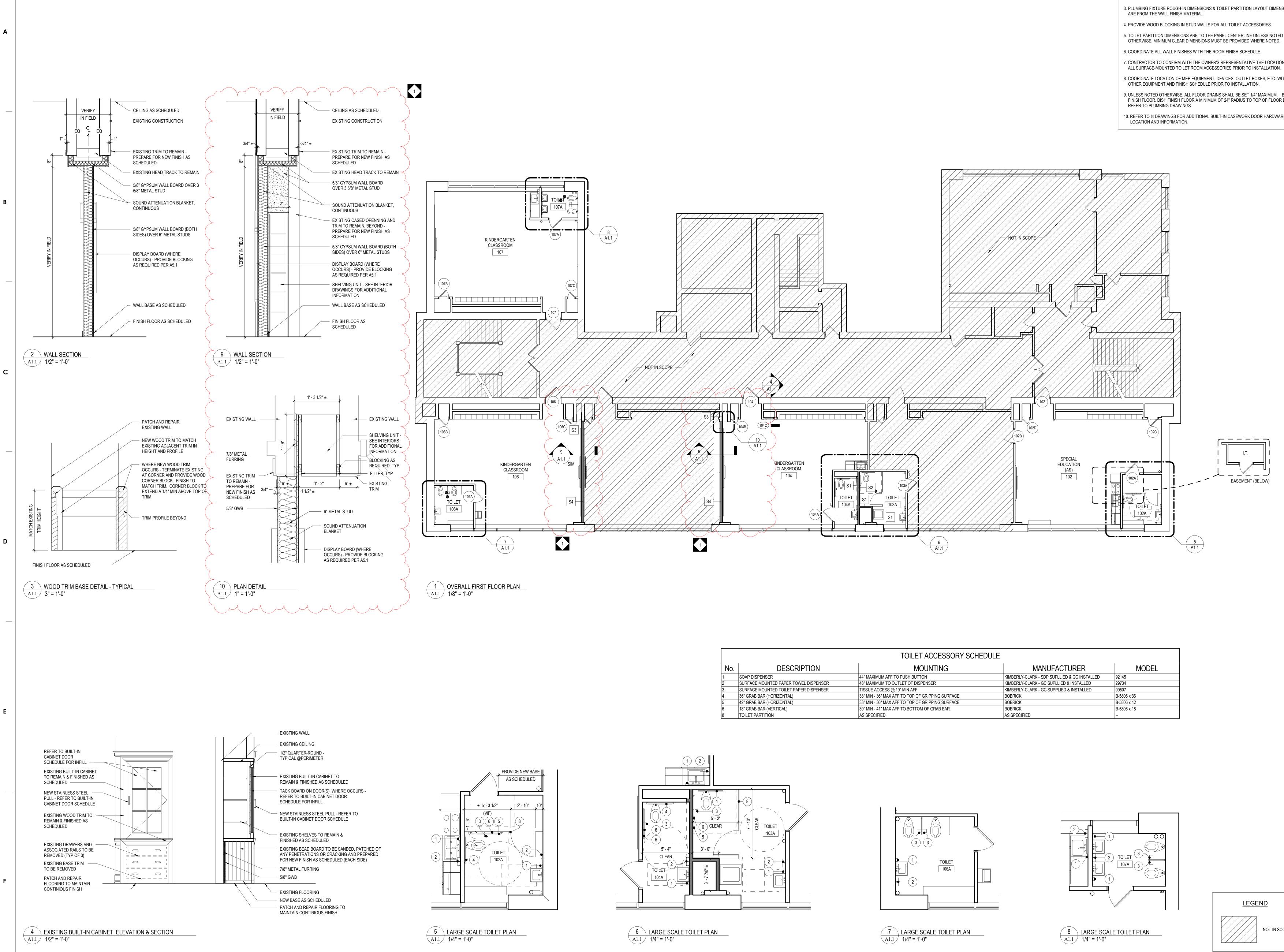
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TIONS			PHILADELPH OFFICE OF CAPITAL PROGRAM
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IT METAL	SF SQUARE FEET SFCMU SPLIT FACE CONCRETE MAS SFRM SPRAY-APPLIED FIRE RESIS		(215) 400 - 4730 (215) 400 - 4731 (fax) www.philasd.org
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L CONTRACTOR L L, ELECTRICAL, PLUMBING	W/ WITH WD WOOD WG WIRE GLASS		401 E. Winding Hill Road Mechanicsburg, PA 17055 Phone: 717-458-0272
EOUS IPENING r MOUNTING			Email: jharder@cra-architects.com Attn: Jessie Harder
TRACT	ABBREVIATIO	<u>N</u>	MEP ENGINEERS SETTY
LE	SYMBOLS @ AT		One South Street, Suite 1130 Baltimore, MD 21202 Phone: 667-309-6036
AMETER	Ø DIAMETER Ø DIAMETER +/- PLUS OR MINUS		Email: deepak.at@setty.com Attn: Deepak Ajjimane
CONTRACTOR MINATE			
R SQUARE FOOT R SQUARE INCH			
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ADIUS N			
D or REINFORCING			
ENING R CONDUCTOR			
	TROSTATIC PAINT EXISTING METAL		
LUSH GRIL PAIN	AL ASSEMBLIES SUCH AS LOCKERS, LES TO BE ELECTROSTATIC PAINTE T AND RUST, AND OTHER FOREIGN ERIORATED AND UNEVEN EXISTING	D - REMOVE ALL DIRT, LOOSE ITEMS. EXISTING CHIPPED,	
IEW ABR. COA	PLETELY REMOVED FROM ENTIRE A ADE ENTIRE ASSEMBLY. FOLLOW W FINGS PER MANUFACTURER'S INSTF SH IS INCOMPATIBLE WITH NEW SCH	ITH SPECIFIED ELECTROSTATIC RUCTIONS. WHERE THE EXISTING	3
DLITION BY A	TING FINISH SHALL BE COMPLETELY RCHITECT FROM MANUFACTURER'S T EXISTING WOOD SURFACES : AT A	FULL COLOR RANGE.	
TO TRIM	TED INCLUDING BUT NOT LIMITED T(, CHAIR RAIL TRIM, CROWN MOLDIN TRIM, ETC REMOVE ALL DIRT, LOC S. EXISTING CHIPPED, DETERIORAT	G, BUILT-IN CABINETS, DOORS DSE PAINT AND OTHER FOREIGN	
COA THE PATO TO M	TINGS SHALL BE COMPLETELY REMO CH ANY HOLES FROM DOOR HARDW ATCH EXISTING SURFACE. PATCH A ETRATIONS AND SAND ENTIRE SURF	OVED FROM ENTIRE ASSEMBLY. /ARE NOT IN USE WITH MATERIAL ALL HOLES, CHIPS OR	<u>100% DESIGN SUBMISSION</u> <u>1/22/2020</u>
RS IN AND A THE PPLIED COA	FINISH PAINT COATINGS. COLOR SE EXISTING FINISH IS INCOMPATIBLE V FINGS SUCH AS STAIN, THE EXISTING	ELECTION BY ARCHITECT. WHERE WITH NEW SCHEDULED	
LL BE 19. STA DE STAI	OVED. N EXISTING WOOD SURFACES: AT A NED INCLUDING BUT NOT LIMITED TO	O DOORS AND FRAMES, BASE	8 7
OATS AND ISTING FOR	, CHAIR RAIL TRIM, CROWN MOLDIN TRIM, ETC REMOVE ALL DIRT, LOC EIGN ITEMS. EXISTING CHIPPED, DE TING COATINGS SHALL BE COMPLET	DSE EXISTING FINISH AND OTHER TERIORATED AND UNEVEN	6 5
Y WITH CHIF	EMBLY. PATCH ANY HOLES FROM D I MATERIAL TO MATCH EXISTING SU S OR PENETRATIONS AND SAND EN ER AND FINISH COATINGS PER MAN	RFACE. PATCH ALL HOLES, ITIRE SURFACE. FOLLOW WITH	4 3
	DR SELECTION BY ARCHITECT. WHE MPATIBLE WITH NEW SCHEDULED (TING FINISH SHALL BE COMPLETELY	RE THE EXISTING FINISH IS COATINGS SUCH AS PAINT, THE	2
D 20. AT E	XISTING CERAMIC TILE: AT DEMOLIS AS, FILL ALL HOLES IN EXISTING CER ARE UP TO 1" WITH A COLOR EPOX	RAMIC WALL AND FLOOR TILE (Y GROUT TO MATCH THE	1 3/5/2020 ADDENDUM # 1 NO. DATE REVISION
	TING CERAMIC TILE COLOR. REMOV		JOHN MARSHALL
ELY EXIS RER'S AT H	FLOOR TILES WITH A NEW TILE TO M	L BROKEN AND MISSING WALL	ELEMENTARY SCHOOL
ELY EXIS RER'S AT H AND	FLOOR TILES WITH A NEW TILE TO M	L BROKEN AND MISSING WALL	MAILING ADDRESS: 4500
ELY EXIS RER'S AT H AND	FLOOR TILES WITH A NEW TILE TO M	L BROKEN AND MISSING WALL	Mailing Address: 4500 Griscom Street, philadelph Pa 19124 Deed Address: 1501 Sellers
ELY EXIS RER'S AT H AND SIZE	FLOOR TILES WITH A NEW TILE TO N	L BROKEN AND MISSING WALL MATCH EXISTING COLOR AND	GRISCOM STREET, PHILADELPH PA 19124
ELY EXIS RER'S AT H AND SIZE SENERAL NOTES . ALL WALLS SHALL EXTEN T ALL NON-RATED WALLS, ND UNDERSIDE OF STRUC	FLOOR TILES WITH A NEW TILE TO N	L BROKEN AND MISSING WALL MATCH EXISTING COLOR AND ROOF OR ROOF STRUCTURE. ETWEEN TOP OF PARTITION NSTALL FIRESTOPPING IN	GRISCOM STREET, PHILADELPH PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE
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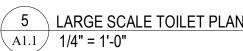
6		7		8
TAG		DEMOLITION LEG	GEND TION NOTE	
1A	TION & RENOVATION EXISTING WALLS SHALL BE SCRAPED; REMOVE AN MOUNTS, PROJECTOR SCREENS, TVS AND MOUN CONDUIT, WIRING AND PIPING SHALL BE REMOVE AND PREPARE WALLS, COLUMNS, EXPOSED PIPIN	TS, BLOCKING AND ASS D TO THE SOURCE OF S IG, REGISTERS, HEATER	DCIATED ACCESSORIES IN TUPPLY. PATCH ANY AND A	THEIR ENTIRETY. ALL ABANDONED OR UNUS
1C	MATCHING ADJACENT FINISHED SURFACE AS SCH REMOVE EXISTING CERAMIC TILE WALL FINISH AN FINISH. EXISTING PORTION OF WALL SHALL BE REMOVED	ID WALL BASE DOWN TO		
1H 2 - WINDOW DEMC	REMOVE EXISTING WOOD BASE IN ITS ENTIRETY. DLITION & RENOVATION EXISTING WOOD WINDOW SILL SHALL BE STRIPPE	PATCH AND REPAIR EX	ISTING TO REMAIN SURFAC	E TO RECEIVE NEW SCHEDULED FINISH.
2E	ALL EXISTING WINDOW SILE SHALE BE STAIL E SCHEDULED. REMOVE ALL MISC./OBSOLETE ITEM ALL EXISTING WINDOW SHADES AND ASSOCIATED FINISHES FOR NEW FINISHES AND/OR SHADES.	S FROM SILL, PATCH AL	PENETRATIONS.	
3A	TION & RENOVATION EXISTING DOOR AND FRAME ASSEMBLY TO REMA ACCESSORIES AND FASTENERS IN THEIR ENTIRE INCLUDING OLD HARDWARE PENETRATIONS, SHA AND PREPARE FOR NEW FINISH AS SCHEDULED. BE REMOVED IN ITS ENTIRETY (WHERE OCCURS). OCCURS). PREPARE DOOR FOR NEW HARDWARE REQUIREMENTS. CONTRACTOR SHALL NOT REMO	TY FROM DOOR AND FR LL BE PATCHED WITH S. ALL MISCELLANEOUS H PREPARE DOOR AND/C AS SCHEDULED. CON	AME ASSEMBLY. ANY/ALL P AME MATERIAL AS DOOR. S ARDWARE AND SECURITY O OR FRAME ASSEMBLIES TO FRACTOR SHALL VERIFY IN	PENETRATIONS IN EXISTING DOOR AND FRAM SAND AND RETURN TO "LIKE NEW" CONDITIO GRILLES AND ASSOCIATED BRACKETING SHA RECEIVE NEW INFILL AS SCHEDULED (WHER FIELD ALL DOOR, FRAME AND HARDWARE
3D	PHYSICALLY ON SITE, INCLUDING CORES. REMOVE EXISTING SLIDING PARTITION PANELS IN BOARDS. EXISTING WOOD TRIM AROUND PERIME ANY PENETRATIONS AND PREPARED TO RECEIVE TO BE REMOVED IN ITS ENTIRETY AND PATCH AN	TER OF EXISTING PARTI NEW FINISHES SCHEDU D REPAIR FLOOR TO MA	TION OPENING TO REMAIN A JLED. EXISTING CEILING TR TCH ADJACENT IN MATERIA	AND SHALL BE STRIPPED, SANDED, PATCH C ACK TO REMAIN. WHERE OCCURS, FLOOR TI
	WOOD FLOORING OCCURS. PREPARE ADJACENT REMOVE EXISTING SLIDING CLOSET DOORS, ASS ADJACENT SURFACES FOR NEW WORK. PREPARE	OCIATED FLOOR, CEILIN SURFACE TO RECEIVE	G AND WALL MOUNTED HAP	
3H	FRAME AND TOUCH UP IN AREAS OF REPAIR TO M EXISTING BUILT-IN CABINET DOOR AND FRAME TO SHALL BE REMOVED IN THEIR ENTIRETY FROM BO INCLUDING OLD HARDWARE PENETRATIONS, SHA NEW" CONDITION AND PREPARED FOR NEW FINIS	REMAIN. ALL CONDUIT TH SIDES OF DOOR ANI LL BE PATCHED WITH S	D FRAME. ANY/ALL PENETR AME MATERIAL AND PROFIL	ATIONS IN EXISTING DOOR AND/OR FRAME, .E AS FRAME. SAND AND RETURNED TO "LIK
30	REMOVE EXISTING METAL SECURITY GATE AND T ADJACENT SURFACES FOR NEW WORK. PREPARE EXISTING DOOR AND FRAME ASSEMBLY TO REMA ACCESSORIES AND FASTENERS IN THEIR ENTIRE INCLUDING OLD HARDWARE PENETRATIONS, SHA AND PREPARE FOR NEW FINISH AS SCHEDULED.	SURFACE TO RECEIVE IN. REMOVE ANY/ALL O TY FROM DOOR AND FR LL BE PATCHED WITH S	NEW FINISH AS SCHEDULE BSOLETE EQUIPMENT, CON AME ASSEMBLY. ANY/ALL P AME MATERIAL AS DOOR. S	D. IDUIT AND WIRING, STAPLES AND ASSOCIATI ENETRATIONS IN EXISTING DOOR AND FRAM SAND AND RETURN TO "LIKE NEW" CONDITIO
	FRAME AND HARDWARE REQUIREMENTS.			
	EXISTING WOOD FLOORING, WHERE OCCURS, PL/ TRANSITION STRIPS, WHERE OCCUR, NAILS, DOO SCHEDULED. ASSUME 50 SF OF EXISTING WOOD WIDTH AND THICKNESS OF FLOORING TO MATCH	R STOPS, ETC AND PRE FLOORING WILL REQUIF	PARE FOR NEW TRANSITION E PATCHING; WHERE PATC	N STRIPS AT ALL MATERIAL TRANSITIONS AS HING IS REQUIRED, PROVIDE SAME SPECIES
	REMOVE EXISTING VINYL TILE FLOORING IN ITS EN AS REQUIRED TO ACCEPT NEW SUBFLOORING, FI OCCUR, CONTRACTOR SHALL MODIFY EXISTING (NISH AND TRANSITIONS CONNECTIONS AS REQU	AS SCHEDULED. WHERE FIRED TO ACCEPT NEW FINIS	LOOR DRAINS AND/OR PLUMBING CONNECT
	REMOVE EXISTING CARPET FLOORING IN ITS ENT REQUIRED TO ACCEPT NEW SUBFLOORING, FINIS OCCUR, CONTRACTOR SHALL MODIFY EXISTING (H AND TRANSITIONS AS CONNECTIONS AS REQU	SCHEDULED. WHERE FLOO IRED TO ACCEPT NEW FINIS	OR DRAINS AND/OR PLUMBING CONNECTION SH.
	REMOVE EXISTING CERAMIC TILE FLOORING DOW SUBFLOORING, FINISH AND TRANSITIONS AS SCH MODIFY EXISTING CONNECTIONS AS REQUIRED T PLITION & RENOVATION	EDULED. WHERE FLOO		
5A	EXISTING HARD CEILING AND/OR METAL CEILINGS BRACKETS, PROJECTORS AND MOUNTS AND ASS PIPING SHALL BE REMOVED TO THE SOURCE OF S CEILINGS, BEAMS, EXPOSED PIPING AND CONDUI SCHEDULED. WHERE CAPPING OF OLD OR ABANI REFER TO ENGINEERING DRAWINGS FOR FURTHE	OCIATED ACCESSORIES SUPPLY. PATCH ANY AN T AND ASSOCIATED ACC DONED SYSTEMS OCCU	IN THEIR ENTIRETY. ALL A D ALL PENETRATIONS AND ESSORIES TO RECEIVE NE RS, PROVIDE COVER PLATE	BANDONED OR UNUSED CONDUIT, WIRING A CRACKING THROUGHOUT AND PREPARE W FINISH MATCHING ADJACENT SURFACE AS
	REMOVE EXISTING SUSPENDED CEILING ASSEMB BRACKETS, PROJECTORS AND MOUNTS AND ASS PIPING SHALL BE REMOVED TO THE SOURCE OF S ENGINEERING DRAWINGS FOR FURTHER INFORM	OCIATED ACCESSORIES SUPPLY. PREPARE ADJ/	IN THEIR ENTIRETY. ALL A ACENT SURFACES FOR NEW	BANDONED OR UNUSED CONDUIT, WIRING A
7A	EMOLITION & RENOVATION EXISTING BUILT-IN CASEWORK, BUILT-IN SHELVIN THEIR ENTIRETY. PATCH AND PREPARE ALL ADJA	ACENT FINISHES FOR NE	W WORK AND FINISH AS SO	CHEDULED.
7C	PREPARE EXISTING WOOD TRIM DISPLAY BOARDS STAPLES, ADHESIVES, ETC. ENTIRE ASSEMBLY TO PREPARED FOR NEW FINISH AND INFILL AS SCHE REMOVE EXISTING DISPLAY BOARDS, WHERE OCC) BE THOROUGHLY CLE/ DULED.	ANED, SANDED, PATCHED C	OF ANY PENETRATIONS, GAPS OR CRACKING
7D	FINISHES TO MATCH EXISTING. REMOVE ALL ACCESSORIES INCLUDING, BUT NOT SANITIZERS, CURTAIN RODS, GRAB BARS, ETC FR TRAYS/DISPENSERS OR RECESSED PAPER TOWE AS SCHEDULED.	OM ROOM IN THEIR ENT	IRETY. RETURN ALL ACCES	SSORIES TO OWNER. WHERE RECESSED SO
7E	REMOVE EXISTING TOILET PARTITIONS AND ASSO AS SCHEDULED			
7H	REMOVE EXISTING SMARTBOARD WALL OR FLOOD FINISHES FOR NEW WORK AND FINISH AS SCHEDD PREPARE EXISTING BUILT-IN CASEWORK AND BUI STAPLES, ADHESIVES, ETC. ENTIRE ASSEMBLY TO PREPARED FOR NEW FINISH AND INFILL AS SCHED	JLED. LT-IN SHELVING UNITS I) BE THOROUGHLY CLE/	FOR NEW FINISH AS SCHED	ULED. SHALL BE FREE OF ANY FASTENERS,
7J	REMOVE DRAWERS WITHIN EXISTING BUILT-IN AS OPENING AND FLOORING FOR NEW FINISHES AND FINISH. REFER TO INTERIOR ELEVATIONS FOR AD	SEMBLY AND ALL ASSO REPAIR AS SCHEDULE	D. PATCH AND REPAIR FLO	
	PREPARE EXISTING BUILT-IN CASEWORK AND BUI PREPARE FOR NEW SCHEDULED HARDWARE. SH THOROUGHLY CLEANED, SANDED, PATCHED OF A	ALL BE FREE OF ANY FA	STENERS, STAPLES, ADHE CRACKING AND PREPARED	SIVES, ETC. ENTIRE ASSEMBLY TO BE FOR NEW FINISH AND INFILL AS SCHEDULED
	PREPARE EXISTING TIERED COAT HOOK AND SHE FREE OF ANY FASTENERS, STAPLES, ADHESIVES, PENETRATIONS OR CRACKING AND PREPARED FO STAINLESS STEEL COAT HOOKS SHALL BE INSTAL INFORMATION.	ETC. ENTIRE ASSEMBL' OR NEW FINISH AND INF	(TO BE THOROUGHLY CLE) LL AS SCHEDULED. REMO\	ANED, SANDED, PATCHED OF ANY /E ALL HOOKS AND RETURN TO OWNER. 30
8A	EXISTING WOOD TRIM THROUGHOUT ENTIRE ROC INTERMITTENT WOOD MULLIONS, SHALL BE STRIF PREPARE TO RECEIVE NEW FINISH AS SCHEDULE	PPED OF ANY NAILS, STA		
9A	ON & RENOVATION EXISTING UNIT VENTILATOR AND/OR RADIATOR, F APPLICABLE), REFINISHED WITH ELECTROSTATIC ASSOCIATED COMPONENTS PRIOR TO REINSTALL	PAINT AND REINSTALLE		
9C	REMOVE ALL PLUMBING FIXTURES AND PATCH AN SCHEDULED. REFER TO ENGINEERING DRAWINGS REMOVE ALL APPLIANCES AND THEIR ASSOCIATE TO OWNER. PREPARE FOR NEW WORK AS SCHED	S FOR FURTHER INFORM D COMPONENTS, INCLU	IATION WHERE OCCURS. DING FUME HOODS, OVENS	S, AND REFRIGERATORS, SHALL BE RETURN
9G	NO POINT SHOULD ANY COMPONENT BE REMOVE REMOVE EXISTING POWER POLES AND PATCH AN DRAWINGS FOR FURTHER INFORMATION.	D FROM SITE WITHOUT D REPAIR ADJACENT SU	SPECIFIC OWNER APPROVA IRFACES FOR NEW WORK A	AL. AS SCHEDULED. REFER TO ENGINEERING
	REMOVE EXISTING PLUMBING ACCESS PANEL AN PREPARE SURFACE TO RECEIVE NEW FINISH AND WHERE OCCURS.			

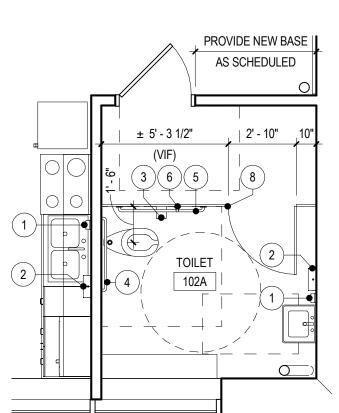
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ED	Phone: 667-309-6036 Email: deepak.at@setty.com Attn: Deepak Ajjimane
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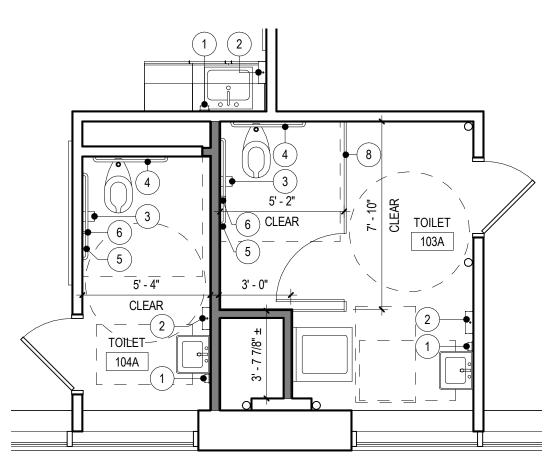


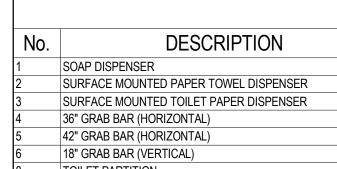
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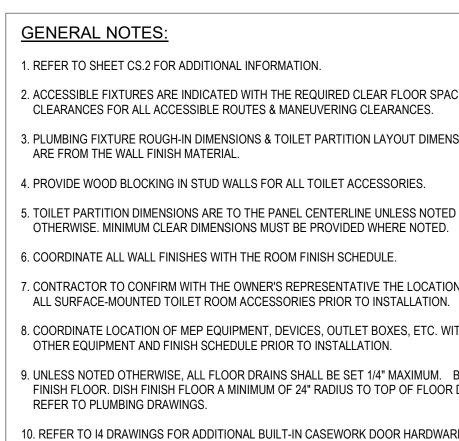
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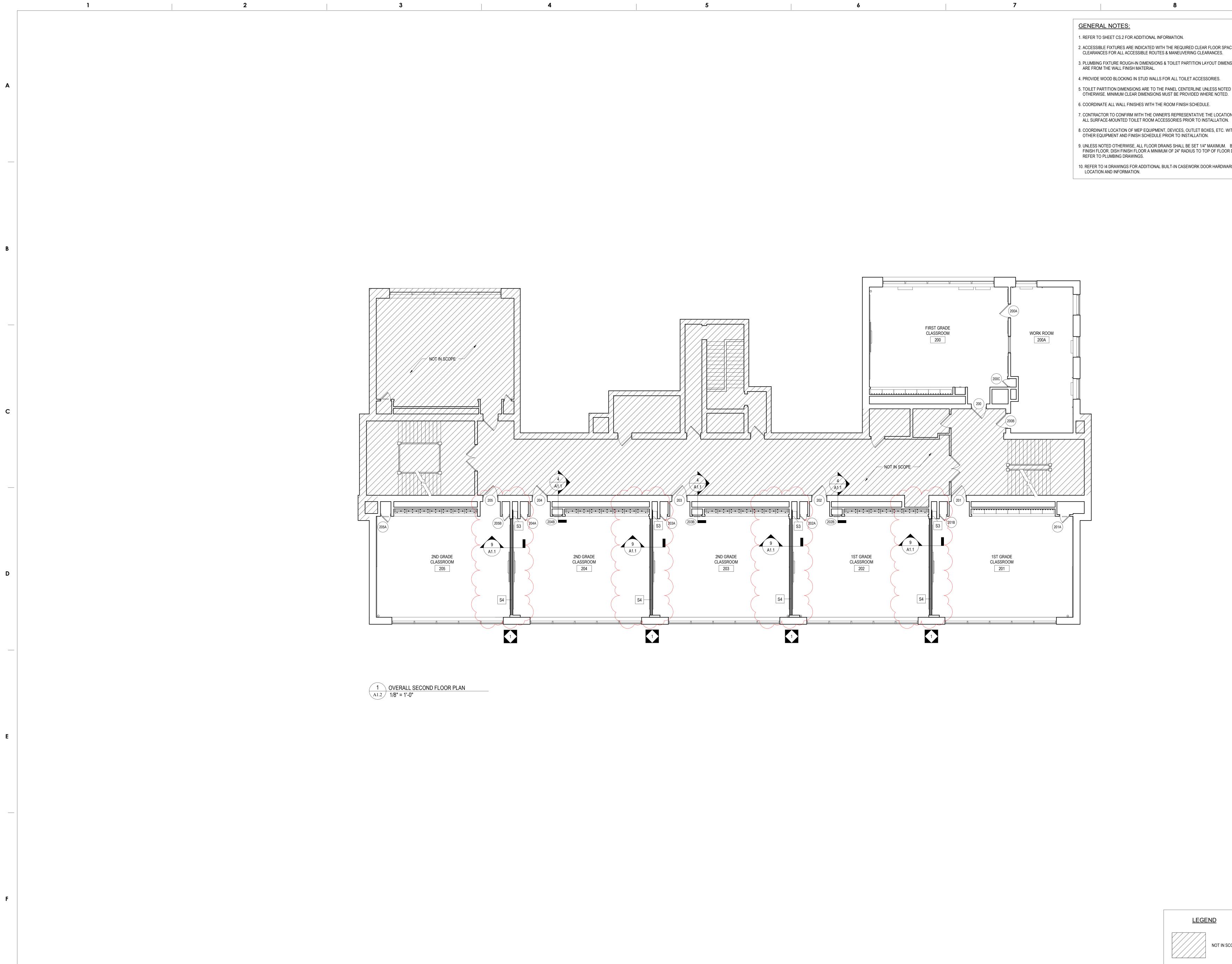


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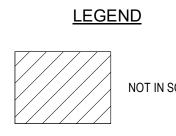
TOILET ACCESSORY SCHEDULE		
MOUNTING	MANUFACTURER	MODEL
44" MAXIMUM AFF TO PUSH BUTTON	KIMBERLY-CLARK - SDP SUPLLIED & GC INSTALLED	92145
48" MAXIMUM TO OUTLET OF DISPENSER	KIMBERLY-CLARK - GC SUPLLIED & INSTALLED	29734
TISSUE ACCESS @ 19" MIN AFF	KIMBERLY-CLARK - GC SUPPLIED & INSTALLED	09507
33" MIN - 36" MAX AFF TO TOP OF GRIPPING SURFACE	BOBRICK	B-5806 x 36
33" MIN - 36" MAX AFF TO TOP OF GRIPPING SURFACE	BOBRICK	B-5806 x 42
39" MIN - 41" MAX AFF TO BOTTOM OF GRAB BAR	BOBRICK	B-5806 x 18
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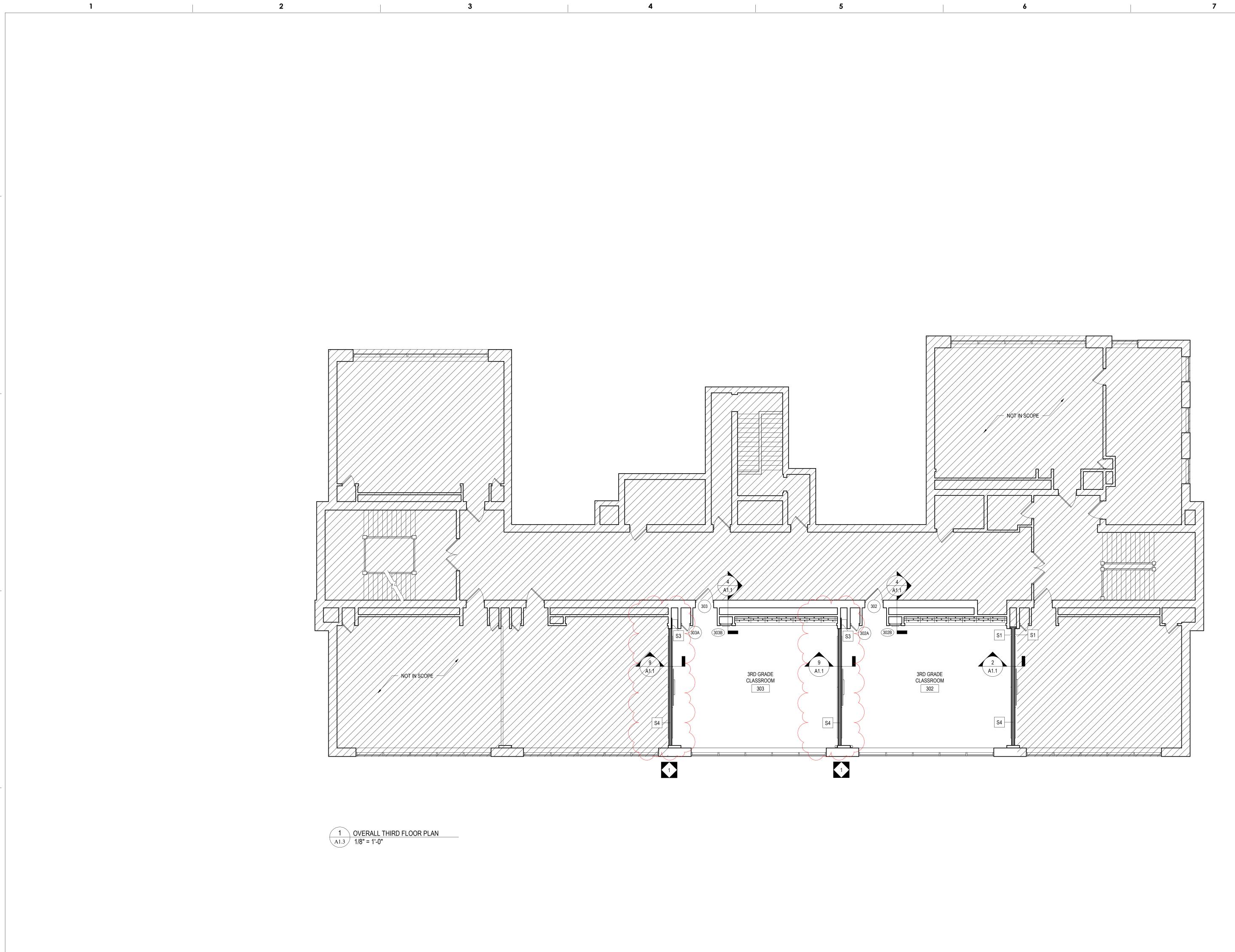
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GENERAL NOTES: 1. REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION. 2. ACCESSIBLE FIXTURES ARE INDICATED WITH THE REQUIRED CLEAR FLOOR SPACE CLEARANCES FOR ALL ACCESSIBLE ROUTES & MANEUVERING CLEARANCES. 3. PLUMBING FIXTURE ROUGH-IN DIMENSIONS & TOILET PARTITION LAYOUT DIMENS ARE FROM THE WALL FINISH MATERIAL. 4. PROVIDE WOOD BLOCKING IN STUD WALLS FOR ALL TOILET ACCESSORIES. 5. TOILET PARTITION DIMENSIONS ARE TO THE PANEL CENTERLINE UNLESS NOTED OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED. 6. COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE. 7. CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION. 8. COORDINATE LOCATION OF MEP EQUIPMENT, DEVICES, OUTLET BOXES, ETC. WITH OTHER EQUIPMENT AND FINISH SCHEDULE PRIOR TO INSTALLATION. 9. UNLESS NOTED OTHERWISE, ALL FLOOR DRAINS SHALL BE SET 1/4" MAXIMUM. FINISH FLOOR. DISH FINISH FLOOR A MINIMUM OF 24" RADIUS TO TOP OF FLOOR I REFER TO PLUMBING DRAWINGS.



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	Attn: Jessie Harder
	<u>MEP ENGINEERS</u> SETTY One South Street, Suite 1130
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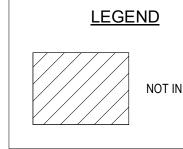
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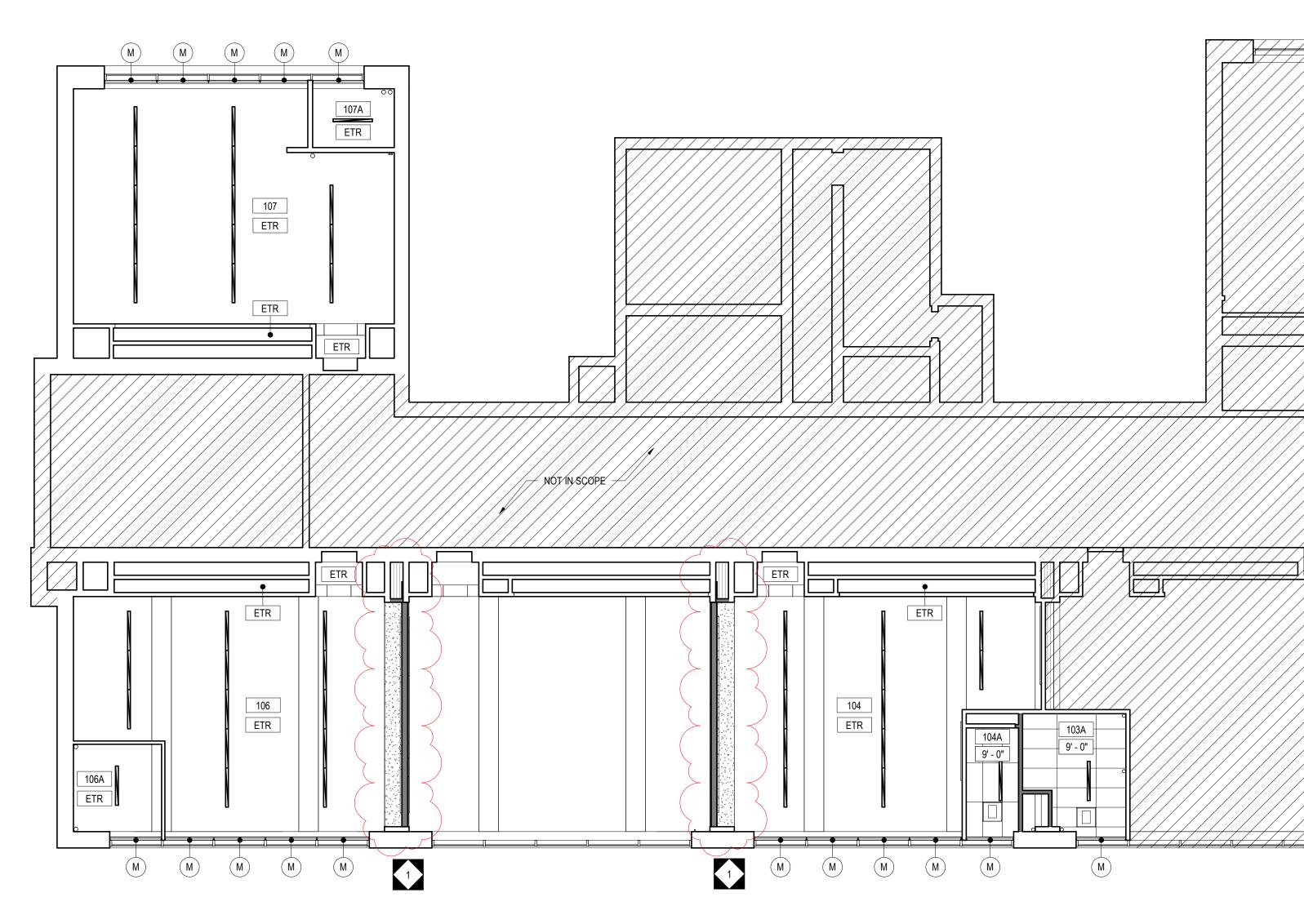
GENERAL NOTES:

- 1. REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.
- 2. ACCESSIBLE FIXTURES ARE INDICATED WITH THE REQUIRED CLEAR FLOOR SPACE CLEARANCES FOR ALL ACCESSIBLE ROUTES & MANEUVERING CLEARANCES.

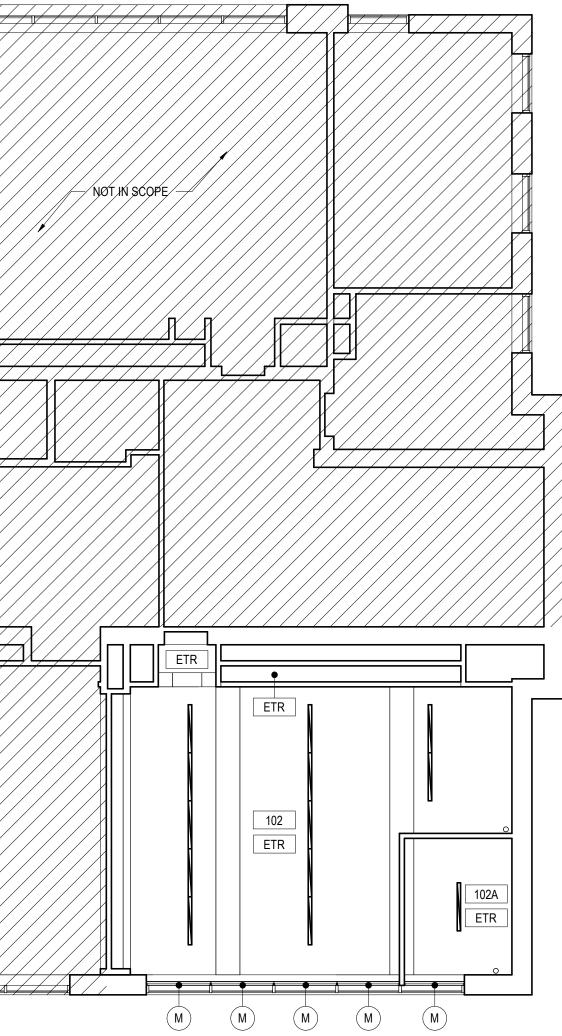
- 3. PLUMBING FIXTURE ROUGH-IN DIMENSIONS & TOILET PARTITION LAYOUT DIMENSI ARE FROM THE WALL FINISH MATERIAL.
- 4. PROVIDE WOOD BLOCKING IN STUD WALLS FOR ALL TOILET ACCESSORIES.
- 5. TOILET PARTITION DIMENSIONS ARE TO THE PANEL CENTERLINE UNLESS NOTED OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED.
- 6. COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.
- 7. CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.
- 8. 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. BE FINISH FLOOR. DISH FINISH FLOOR A MINIMUM OF 24" RADIUS TO TOP OF FLOOR DF REFER TO PLUMBING DRAWINGS.
- 10. REFER TO I4 DRAWINGS FOR ADDITIONAL BUILT-IN CASEWORK DOOR HARDWAR LOCATION AND INFORMATION.

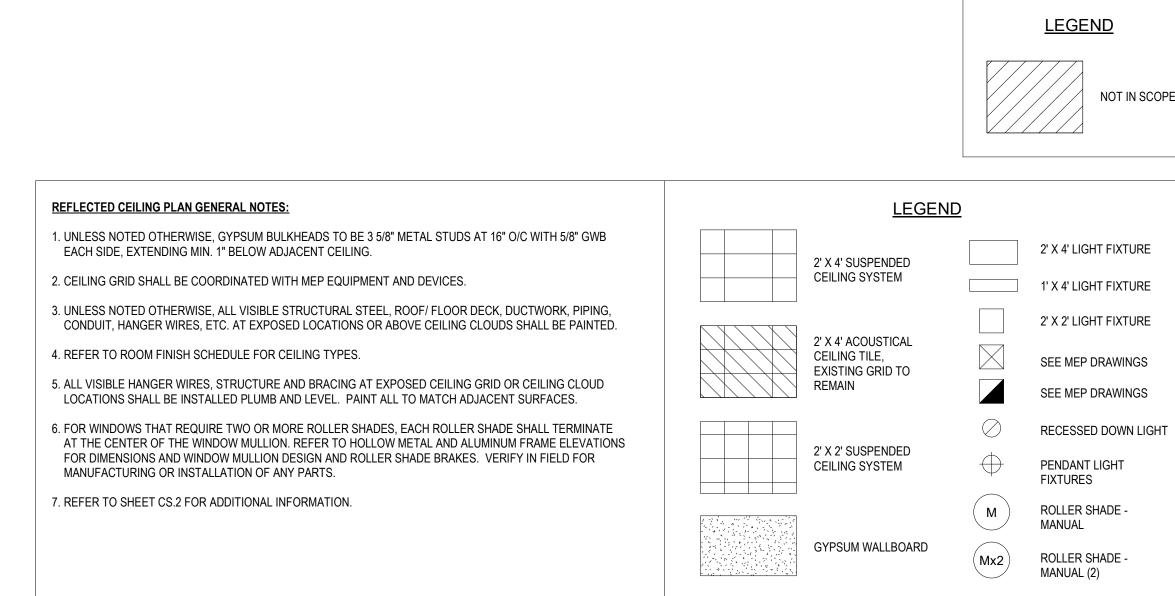


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	Phone: 717-458-0272 Email: jharder@cra-architects.com Attn: Jessie Harder
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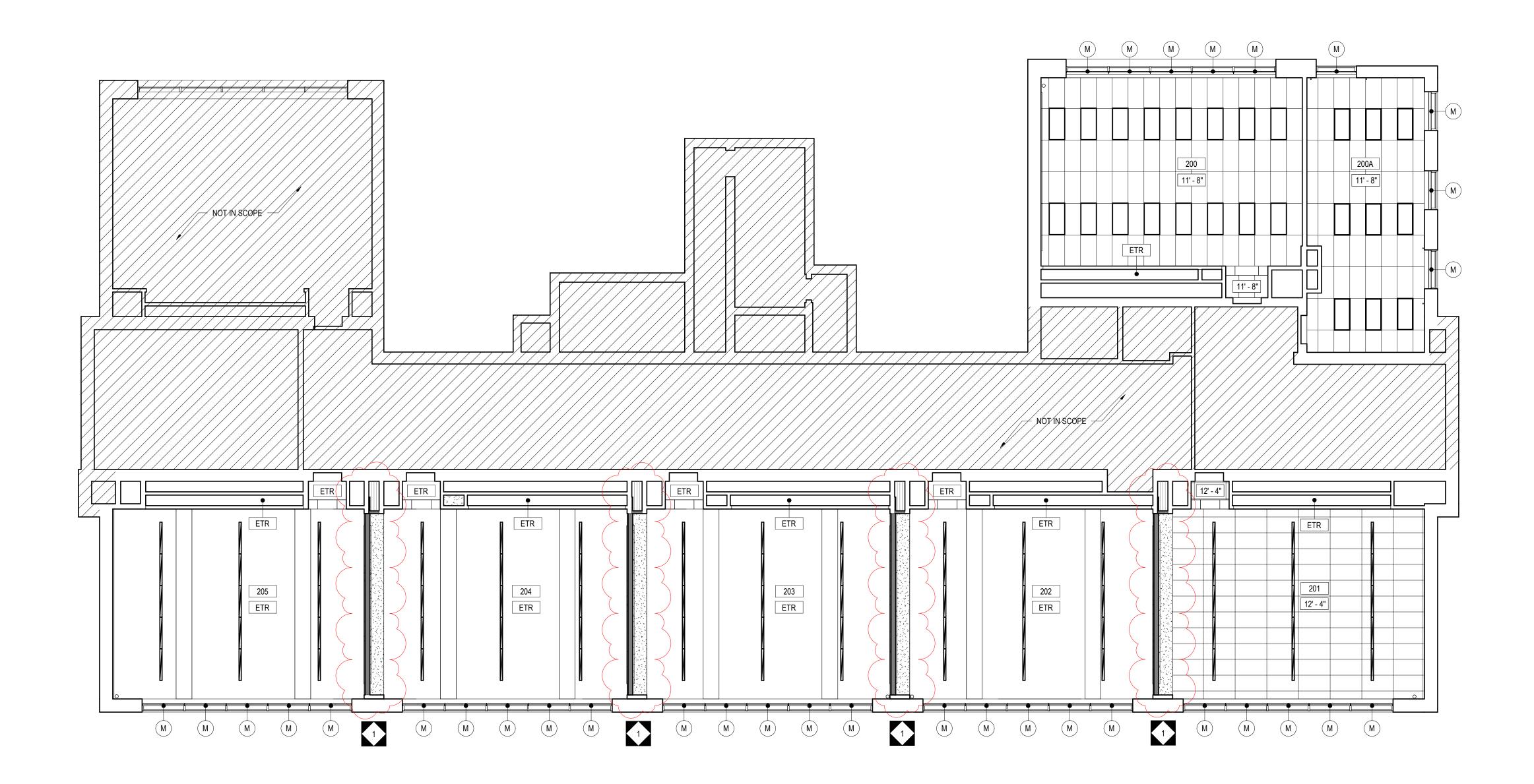


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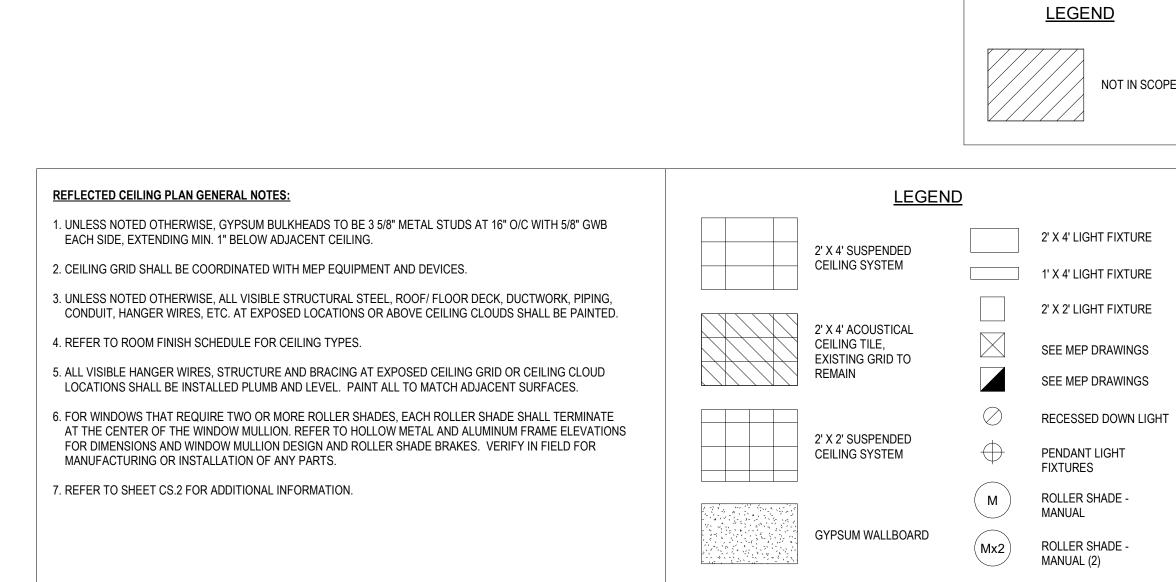


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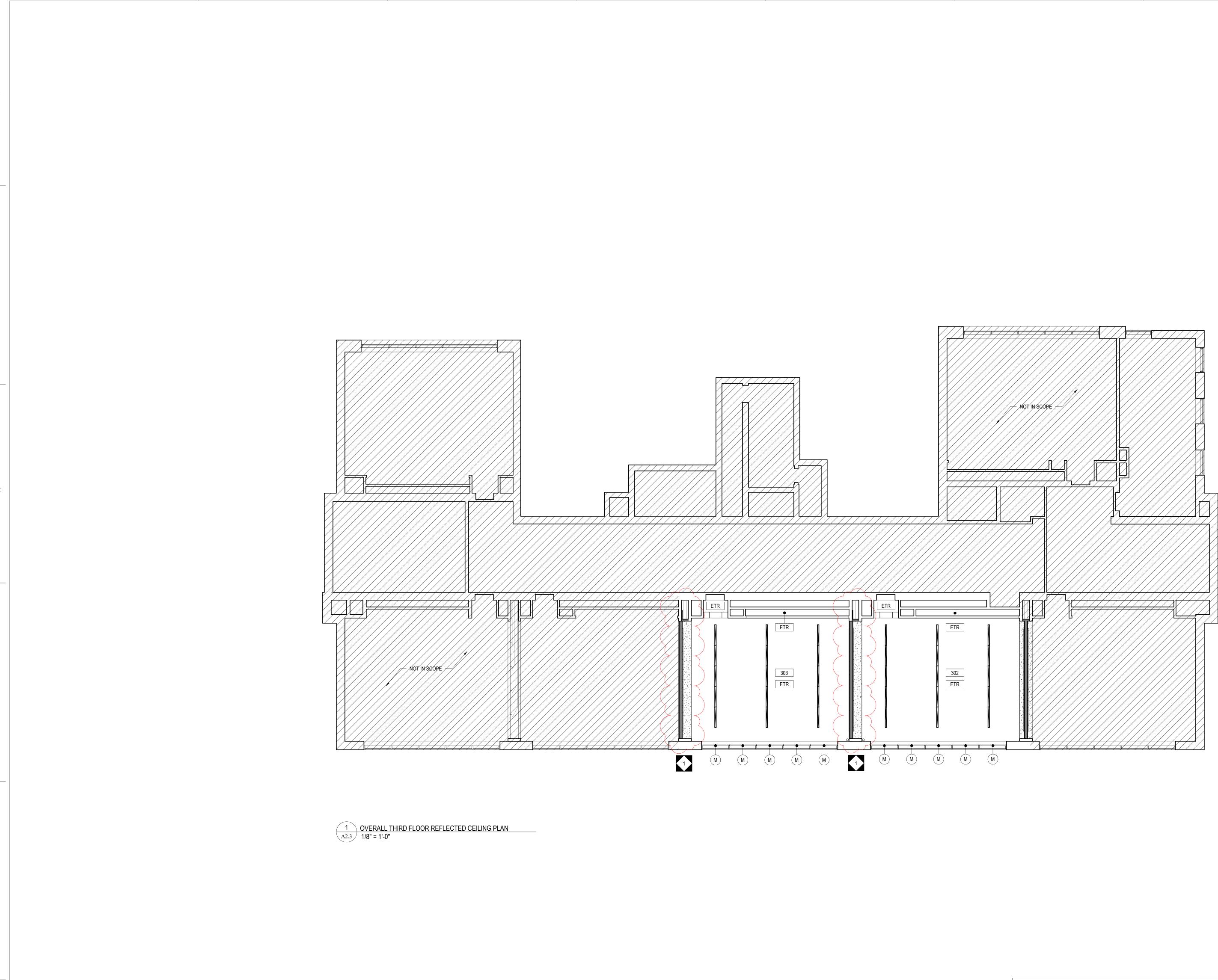


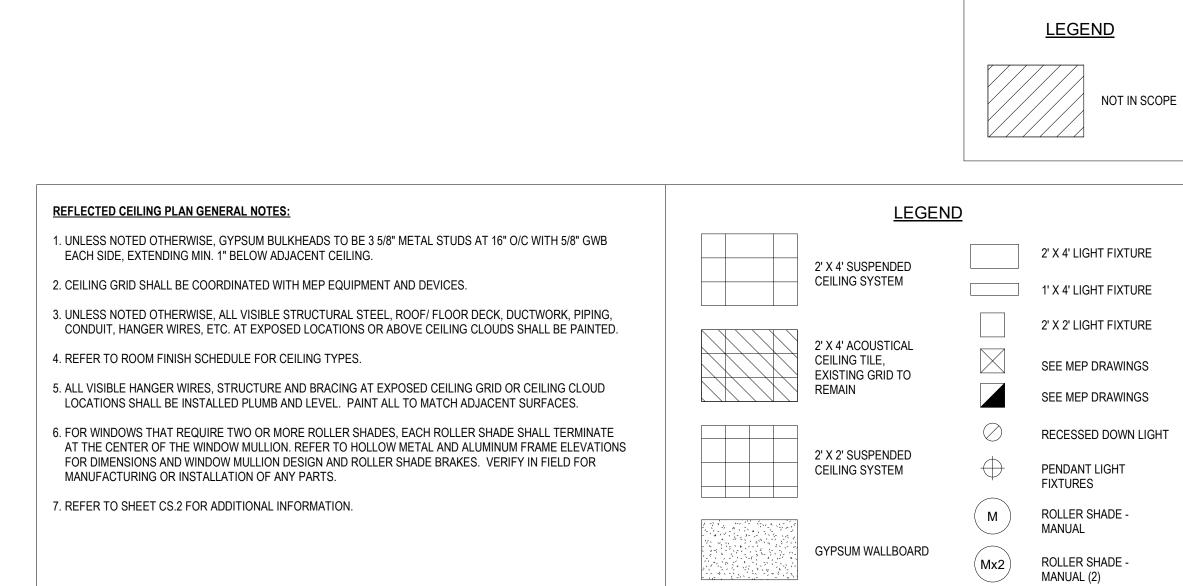
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Bal	e South Street timore, MD 21	202	
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	THE SCHOOL DISTRICT OF PHILADELPHIA OFFICE OF CAPITAL PROGRAMS
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	MEP ENGINEERS
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	Phone: 667-309-6036 Email: deepak.at@setty.com Attn: Deepak Ajjimane
	<u>100% DESIGN SUBMISSION</u> 1/22/2020
	<u>1/22/2020</u> 10
	1/22/2020 10 9 8
	<u>1/22/2020</u> 10 9
	1/22/2020 10 9 8 7
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	1/22/2020 10 9 8 7 6 5 4 3 2 1 3/5/2020 ADDENDUM # 1 NO. SCHOOL & LOCATION JOHN MARSHALL
	1/22/2020 10 9 8 7 6 5 4 3 2 1 3/5/2020 ADDENDUM # 1 NO. SCHOOL & LOCATION JOHN MARSHALL ELEMENTARY SCHOOL MAILING ADDRESS: 4500
T IN SCOPE	1/22/2020 10 9 8 7 6 5 4 3 2 1 3/5/2020 ADENDUM # 1 NO. SCHOOL & LOCATION JOHN MARSHALL ELEMENTARY SCHOOL
DT IN SCOPE	1/22/2020 10 9 8 7 6 5 4 3 2 1 3/5/2020 ADDENDUM # 1 NO. SCHOOL & LOCATION JOHN MARSHALL ELEMENTARY SCHOOL MAILING ADDRESS: 4500 GRISCOM STREET, PHILADELPHIA, PA 19124
	1/22/2020 10 9 8 7 6 5 4 3 2 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
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	1/22/2020 10 9 8 7 6 5 4 3 2 1 3/5/2020 ADENDUM # 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
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⁻ URE ⁻ URE ⁻ URE NGS NGS	1/22/2020 10 9 8 7 6 5 4 3 2 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 THIRD FLOOR REFLECTED CEILING PLAN
URE URE IGS IGS N LIGHT	1/22/2020 10 9 8 7 6 5 4 3 2 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 THIRD FLOOR REFLECTED CEILING PLAN LOCATION NO. FILE NO.

			ROOM FIN	VISH SCHED	ULE				
				WALLS					
		COLOR			WALL	WAIN	SCOT	CEILING	
NUMBER	NAME	SCHEME	FLOOR	BASE	FINISH	FINISH	HEIGHT	FINISH	REMARKS
FIRST FLOOR	Ŕ								\
102	SPECIAL EDUCATION (AS)	В	SLR	WD1/WD2	PNT			ETR	R53
102A	TOILET	G	PT	СТ	EPX3	СТ	7'-0"	ETR	R52
103A	TOILET	G	PT	СТ	EPX3	СТ	7'-0"	ACT	R52
104	KINDERGARTEN CLASSROOM	А	SLR	WD1/WD2	PNT			ETR	R53
104A	TOILET	G	PT	СТ	EPX3	СТ	7'-0"	ACT	R52
106	KINDERGARTEN CLASSROOM	А	SLR	WD1/WD2	PNT		(ETR	R53
106A	TOILET	G	PT	СТ	EPX3	СТ	7'-0"	ETR	R52
107	KINDERGARTEN CLASSROOM	A	SLR/VCT	WD1	PNT		(ETR	R2, R53
107A	TOILET	G	PT	СТ	EPX3	СТ	7'-0"	ETR	R52
SECOND FLO	IOR						1		
200	FIRST GRADE CLASSROOM	В	SLR	WD1	PNT			ACT	R53
200A	WORK ROOM	B	VCT	WD1	PNT			ACT	
201	1ST GRADE CLASSROOM	B	SLR	WD1/WD2	PNT			ACT	R53
202	1ST GRADE CLASSROOM	B	SLR	WD1/WD2	PNT			ETR	R53
203	2ND GRADE CLASSROOM	C	SLR	WD1/WD2	PNT		(ETR	R53
204	2ND GRADE CLASSROOM	C	SLR	WD1/WD2	PNT			ETR	R53
205	2ND GRADE CLASSROOM	C ≺	SLR	WD1/WD2	PNT		(ETR	R53
THIRD FLOOF	R I	· · · · · · · · · · · · · · · · · · ·				1		\$	
302	3RD GRADE CLASSROOM	D	SLR	WD1/WD2	PNT			EŢR	R53
303	3RD GRADE CLASSROOM) D	SLR	WD1/WD2	PNT			PNT	R53

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						[DOOR SCHE	DULE					
				DOOR					FRAME				
					Г	DIMENSION	c				-		
				DOOR			5			FRAME	GLAZING/		
OPENING		EXISTING/	DOOR	SCHEDULED		DTH		FRAME	FRAME	SCHEDULED	INFILL	HARDWARE	
NUMBER	TYPE	NEW	MATERIAL	FINISH	LEAF 1	LEAF 2	HEIGHT	TYPE	MATERIAL	FINISH	TYPE	SET	REMARKS
FIRST FLOOR	२									1			
102	N	ETR	HM	PNT	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
102A	F	ETR	WD	PNT	3' - 0"		7' - 0"	ETR	HM	PNT		JM-03	B, F, G
102B	N	ETR	WD	PNT	3' - 0"		7' - 0"	ETR	HM	PNT	ETR	JM-04	A, F, H
102C	FG	ETR	WD	PNT	2' - 2"		6' - 10"	ETR	WD	PNT	TB	JM-01	B, F, G, I
102D	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT		JM-01	B, F, H
103A	F	ETR	WD	PNT	3' - 0"		7' - 0"	ETR	HM	PNT		JM-03	B, F, H
104	N1	ETR	WD	PNT	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
104A	F	ETR	WD	PNT	3' - 0"		7' - 0"	ETR	HM	PNT		JM-03	B, F, G
104B	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT		JM-01	B, F, H
106	N	ETR	HM	PNT	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
106A	G	ETR	WD	PNT	2' - 7"		7' - 0"	ETR	WD	PNT	ETR	JM-03	B, F, G
106B	FG	ETR	WD	PNT	2' - 2"		6' - 10"	ETR	WD	PNT	ТВ	JM-01	B, F, G, I
106C	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT		JM-01	B, F, H
107	N	ETR	HM	PNT	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
107A	F	ETR	WD	PNT	2' - 8"		7' - 0"	ETR	HM	PNT		JM-03	B, F, G
107B	FG	ETR	WD	PNT	2' - 2"		6' - 10"	ETR	WD	PNT	ТВ	JM-01	B, F, G, I
107C	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT		JM-01	B, F, H
SECOND FLO	OR												
200	Ν	ETR	WD	CLN	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
200A	N1	ETR	WD	PNT	3' - 0"		7' - 0"	ETR	HM	PNT	ETR	JM-03	B, F, G
200B	Ν	ETR	WD	PNT	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
200C	F1	ETR	WD	PNT	1' - 8"		7' - 0"	ETR	WD	PNT	ETR	JM-01	B, F, H
201	N	ETR	WD	CLN	3' - 3"		7' - 0"	ETR	WD	PNT	ETR	JM-02	B, F, G
201A	FG	ETR	WD	PNT	2' - 2"		6' - 10"	ETR	WD	PNT	ТВ	JM-01	B, F, G, I
201B	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT	WS	JM-01	B, F, H, I
202	N1	ETR	WD	CLN	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
202A	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT	WS	JM-01	B, F, H, I
203	N1	ETR	WD	CLN	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
203A	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT	WS	JM-01	B, F, H, I
204	N1	ETR	WD	CLN	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
204A	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT	WS	JM-01	B, F, H, I
205	N1	ETR	WD	CLN	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
205A	FG	ETR	WD	PNT	2' - 2"		6' - 10"	ETR	WD	PNT	ТВ	JM-01	B, F, G, I
205B	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT	WS	JM-01	B, F, H, I
THIRD FLOOF	1	ETO						FTO	1 18 4		ETO		
302	N1	ETR	WD	CLN	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
302A	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT	ETR	JM-01	B, F, H
303	N1	ETR	WD WD	CLN	3' - 3"		7' - 0"	ETR	HM	PNT	ETR	JM-02	B, F, G
303A	F1	ETR	WD	PNT	1' - 6"		6' - 10"	ETR	WD	PNT	WS	JM-01	B, F, H, I

BUILT-IN CABINET DOOR SCHEDULE

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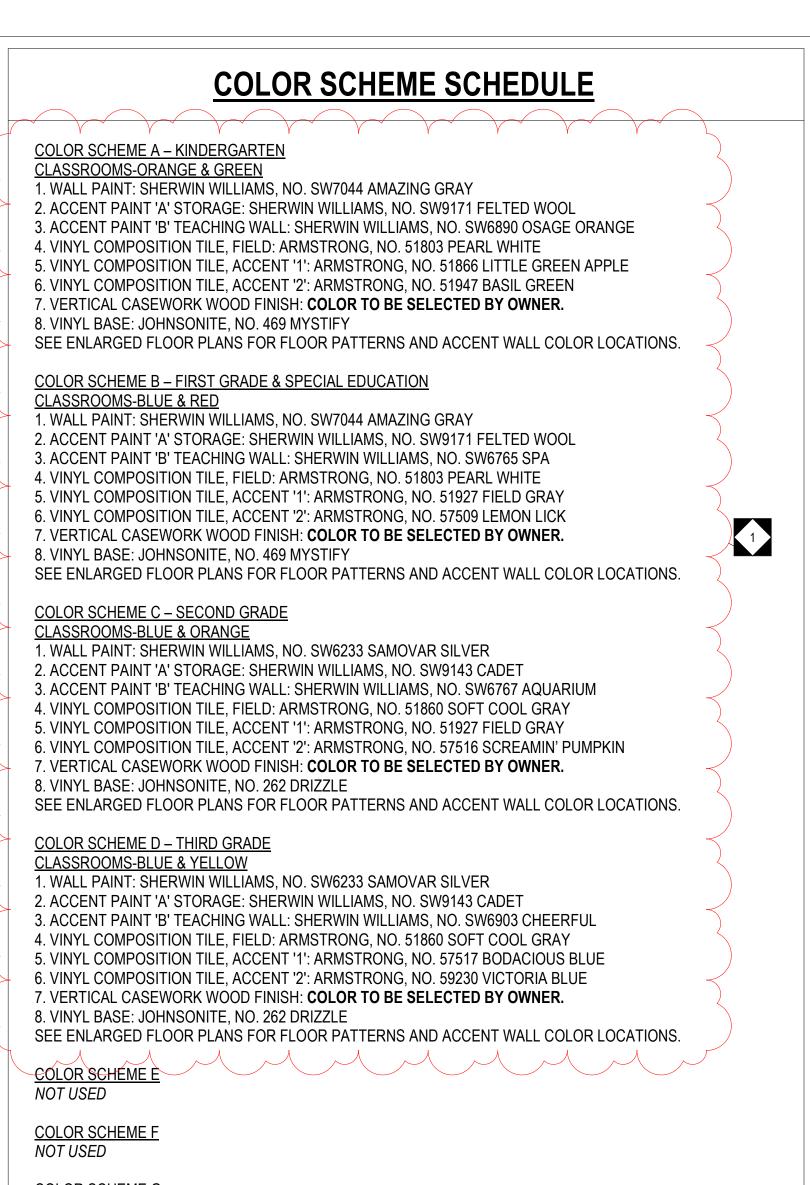
OPENING		HARDWARE	
NUMBER	INFILL	SET	REMARKS
BUILT-IN CABI	NET		
104C	TB	A	B, F, G, I, L
202B	TB	A	B, F, G, I, L
203B	TB	A	B, F, G, I, L
204B	TB	А	B, F, G, I, L
302B	TB	A	B, F, G, I, L
303B	TB	А	B, F, G, I, L

MOOR & BUILT-IN CABINET SCHEDULE NOTES: *NOTE: NOT ALL NOTES MAY NECESSARILY APPLY				
SCHEDULE REMARKS*:	GENERAL NOTES:	ABBREVIATIONS:		
 A. EXISTING DOOR, FRAME AND HARDWARE TO REMAIN. B. PROVIDE NEW HARDWARE TO EXISTING DOOR AND FRAME. C. PROVIDE NEW DOOR AND HARDWARE TO EXISTING FRAME. D. PROVIDE NEW DOOR TO EXISTING FRAME. REINSTALL EXISTING HARDWARE INTO NEW DOOR. E. PROVIDE NEW DOOR, FRAME AND HARDWARE. F. CLEAN AND PATCH ALL SURFACES OF EXISTING DOOR, FRAME AND/OR HARDWARE TO "LIKE NEW" CONDITION. G. REFINISH DOOR AND/OR FRAME AS SCHEDULED ON BOTH SIDES OF ASSEMBLY. H. REFINISH DOOR AND/OR FRAME AS SCHEDULED ON INTERIOR FACE (OR CLASSROOM SIDE) OF ASSEMBLY ONLY. I. REMOVE EXISTING GLAZING AND REPLACE WITH NEW MATERIAL AS SCHEDULED. WHERE TACKBOARD IS SCHEDULED, PROVIDE MDF BACKER AND TACKBOARD INFILL, TYPICAL. INLAY 1/2" QUARTERROUND WOOD TRIM, CONTINUOUS, AROUND PERIMETER OF ALL TACKBOARD INFILLS. J. REFINISH DOOR AND/OR FRAME AS SCHEDULED ON EXTERIOR FACE (OR ALCOVE SIDE) OF ASSEMBLY ONLY. K. EXISTING MOSAIC AND/OR ART TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION. L. REFER TO 14 SERIES DRAWINGS FOR ADDITIONAL INFORMATION. M. REPLACE BROKEN TRANSOM GLAZING WITH NEW TEMPERED GLAZING AS REQUIRED. 	 REFER TO GENERAL PROJECT ALTERATION NOTES ON SHEET CS.2 FOR ADDITIONAL INFORMATION. FINAL CORING AND KEYING SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE. WHERE INDICATED, PROVIDE 3/4" MDF INFILL PANEL IN EXISTING FRAME. RELOCATE AND RESECURE FRAME STOPS AS REQUIRED TO ACCOMODATE NEW MATERIAL. PAINT MDF PANEL TO MATCH FRAME COLOR AS INDICATED ON FINISH SCHEDULE. CONTRACTOR SHALL NOT REMOVE ANY COMPONENTS OF DOOR OR HARDWARE UNTIL ALL COMPONENTS OF NEW ASSEMBLY ARE PHYSICALLY ON SITE, INCLUDING CORES. WHERE FINISH IS SCHEDULED, REFER TO FINISH SCHEDULE FOR COLOR SELECTION. DOORS SHALL BE SHAVED DOWN AS REQUIRED TO ACCEPT NEW HARDWARE AND/OR ALLOW FOR USE UNOBSTRUCTED. 	ETREXISTING TO REMAINALUMALUMINUMSTLSTEELWDWOODHMHOLLOW METALIGINSULATED GLASSTGTEMPERED GLASSRGRATED GLASS PER ULMDFMEDIUM DENSITY FIBERBOARDTBTACKBOARDWSWIRE SCREEN (MATCH EXIST)PNTPAINTSTNSTAINCLNCLEAN ONLY		



FINISH FLOOR

ELEVATION



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COLOR SCHEME G

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- BATHROOMS 1. WALL PAINT: SHERWIN WILLIAMS, NO. SW7029 AGREEABLE GRAY
- 2. PORCELAIN FLOOR TILE: DALTILE, EVER PORCELIAN, COLOR: EV03 ARCTIC UNPOLISHED
- 3. CERAMIC WALL TILE, FIELD: DALTILE, SEMI-GLOSS GLAZED TILE, 0182 SUEDE GRAY
- 4. CERAMIC WALL TILE, ACCENT '1': DALTILE, SEMI-GLOSS GLAZED TILE, Q151 TOTALLY TANGERINE 5. CERAMIC WALL TILE, ACCENT '2': DALTILE, SEMI-GLOSS GLAZED TILE, Q097 ORANGE BURST
- 6. GROUT COLOR FOR WALLS: MAPEI, COLOR: 00 WHITE
- 7. GROUT COLOR FOR FLOORS: MAPEI, COLOR: 27 SILVER SEE ENLARGED PLANS FOR ACCENT WAINSCOT COLOR LOCATIONS.

GENERAL NOTES:

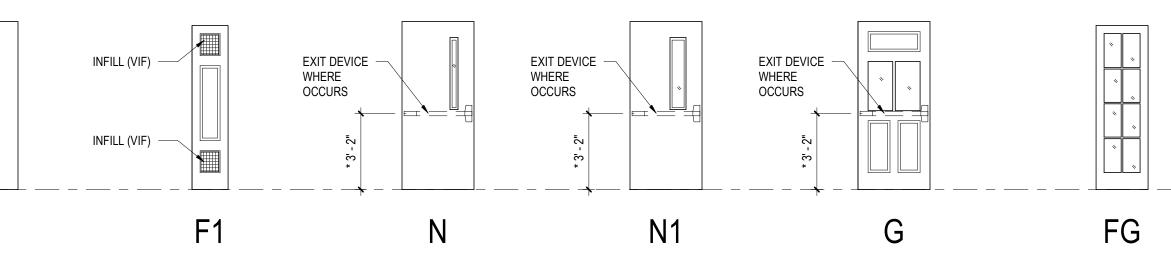
- THE FOLLOWING MATERIALS ARE TO BE APPLIED AT ALL LOCATIONS WHERE SPECIFIED
- UNLESS OTHERWISE NOTED:
- 1. TACK BOARDS: CLARIDGE FABRICORK, KL498 WINTHROPE 2. ROLLER WINDOW SHADES : MERMET, GREENSCREEN REVIVE, 5% OPEN, COLOR: 0.22 STONE
- 3. SOLID SURFACE COUNTERTOP & SIDE/BACK SPLASH: CORIAN, COLOR: DEEP CAVIAR
- 4. CEILING PAINT: SHERWIN WILLIAMS, NO. SW7006 EXTRA WHITE
- 5. PREVIOUSLY PAINTED WOOD COMPONENTS: DOORS, TRIM, BASE, CHAIR RAIL, CROWN MOULDING, VISUAL DISPLAY TRIM, WINDOW SILLS.: SHERWIN WILLIAMS, NO. SW7068 GRIZZLE GRAY
- 6. PREVIOUSLY STAINED WOOD COMPONENTS: WOOD DOORS, WOOD TRIM, WOOD BASE, VISUAL DISPLAY BOARD, TRIM, ETC.: COLOR TO MATCH EXISTING AND FIELD VERIFIED BY ARCHITECT/OWNER. 7. NOT USED.
- 8. PREVIQUELY PAINTED METAL TIERED COAT HOOKS & PREVIOUELY PAINTED STUDENT CUBBIES SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR.

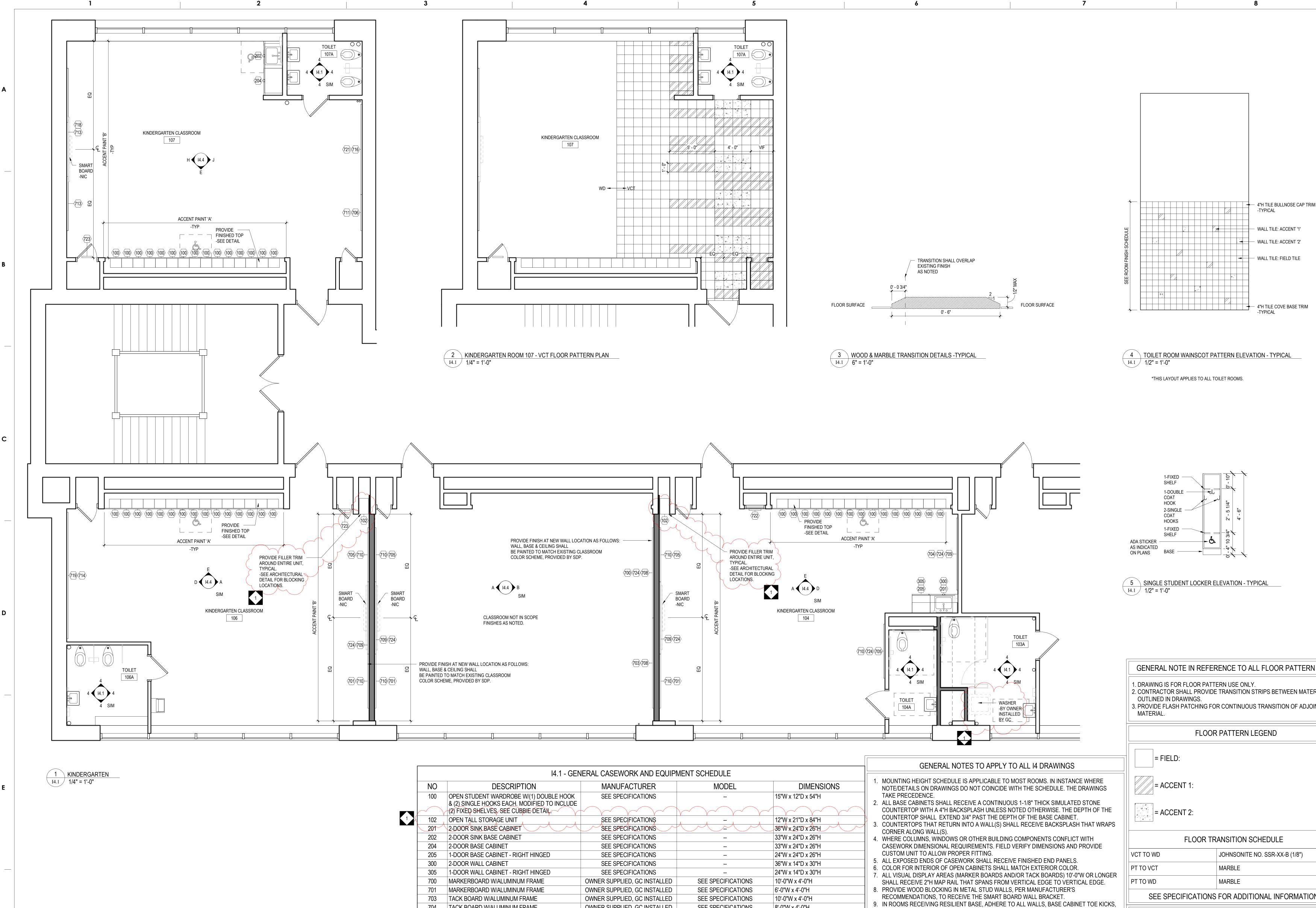
NOTES:

- A. IF ROOM IS NOT INDICATED TO RECEIVE A FLOOR PATTERN, FIELD COLOR VCT SHALL BE USED.
- B. VCT ORIENTATION SHALL BE MATCHED TO EXISTING ADJACENT ROOM. C. ARCHITECT REQUIRES AN ON-SITE MOCK-UP FOR EACH PAINT COLOR. PROVIDE A MINIMUM 8'x10' AREA, A DOOR FRAME. CONTRACTOR MUST RECEIVE ARCHITECT'S APPROVAL BEFORE ORDERING.
- D. VERTICAL AND HORIZONTAL PLANES OF SOFFIT AND BULKHEAD SHALL BE PAINTED TO MATCH THE ADJACENT WALL COLOR, UNLESS OTHERWISE NOTED.
- E. COORDINATE ROOM FINISH SCHEDULE AND COLOR SCHEME SCHEDULE WITH DEMO/ALTERATION NOTES. F. ALL EXPOSED MECHANICAL, PLUMBING, & HVAC COMPONENTS SHALL BE PAINTED THE ADJACENT WALL COLOR. ITEMS INCLUDING BUT NOT LIMITED TO: PIPING, CONDUIT, VENTS, LOUVERS, GRILLES, RADIATORS, RADIATOR COVERS, ELECTRICAL PANELS, METAL ACCESS PANELS, METAL LOCKERS SHALL BE PAINTED ADJACENT WALL COLOR.

8	THE SCHOOL DISTRICT OF
	PHILADELPHIA
ROOM FINISH SCHEDULE LEGEND FLOOR FINISH PT PORCELAIN TILE VCT VINYL COMPOSITION TILE	OFFICE OF CAPITAL PROGRAMS 440 NORTH BROAD STREET PHILADELPHIA, PA 19130 - 4015 (015) 400 - 4730 - (015) 400 - (1731) (mm)
SLR SEALER ON WOOD FLOOR F L O O R R E M A R K S R1: NOT USED R2: SEE FLOOR PATTERN PLANS FOR VARYING FLOOR	(215) 400 - 4730 (215) 400 - 4731 (fax) www.philasd.org
MATERIALS. R3-R25: NOT USED	MINIMUM ARCHINE
CT CERAMIC TILE WD1 PAINT ON WOOD BASE, EXISTING WD2 PAINT ON WOOD BASE, NEW WOOD	
BASE REMARKS R26-R50: NOT USED WALL FINISH	HILLING REY STRAUB
CT CERAMIC TILE EPX EPOXY PAINT PNT PAINT	R. JEFFREY STRAUB STATE AND LICENSE NO: RA403652
WALL REMARKSR51:NOT USEDR52:SEE INTERIOR ELEVATIONS FOR VARYING WALL MATERIALS.R53:PROVIDE ACCENT WALL.R54-R75:NOT USED	ARCHITECT CRABTREE, ROHRBAUGH & ASSOCIATES 401 E. Winding Hill Road Mechanicsburg, PA 17055 Phone: 717-458-0272 Email: jharder@cra-architects.com
CEILING FINISHACTACOUSTICAL CEILING TILEPNTPAINTED GYPSUM WALLBOARD/PLASTER	Attn: Jessie Harder <u>MEP ENGINEERS</u> SETTY
CEILING REMARKS R76-R100: NOT USED GENERAL NOTES	One South Street, Suite 1130 Baltimore, MD 21202 Phone: 667-309-6036 Email: deepak.at@setty.com
 REFER TO SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH SYSTEM/TYPES. REFER TO WALL TYPES FOR MASONRY LOCATIONS AND DETAILS. 	Attn: Deepak Ajjimane
 GYPSUM WALLBOARD BULKHEADS AND SOFFITS SHALL BE PAINTED. ALL HOLLOW METAL DOOR AND FRAMES, INTERIOR AND EXTERIOR, SHALL BE PAINTED. ALL INTERIOR FERROUS METAL SHALL BE PAINTED 	
 INCLUDING LINTELS, RAILINGS, GRILLES AND LOUVERS. (DOES NOT INCLUDE FACTORY OR PRE-FINISHED ITEMS) SEE I4 DRAWINGS FOR MATERIAL TRANSITIONS & 	
FLOOR PATTERN PLANS. 7. ETR = EXISTING TO REMAIN 8. EXIST = EXISTING	
	100% DESIGN SUBMISSION 1/22/2020
	100% DESIGN SUBMISSION 1/22/2020 10 9
	1/22/2020 10
	1/22/2020 10 9 8 7
	1/22/2020 10 9 8 7 6 5 4
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	1/22/2020 10 9 8 7 6 5 4 3 2 1 3/5/2020 ADDENDUM # 1 NO. DATE REVISION SCHOOL & LOCATION JOHN MARSHALL LEMENTARY SCHOOL MAILING ADDRESS: 4500 GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600
	1/22/2020 10 9 8 7 6 5 4 3 2 1 3/5/2020 ADDENDUM # 1 NO: DATE REVISION SCHOOL & LOCATION JOHN MARSHALL ELEMENTARY SCHOOL MAILING ADDRESS: 4500 GRISCOM STREET, PHILADELPHIA, PA 19124 DED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE CLASSROOM MODERNIZATION DRAWING TITLE ROOM FINISH & DOOR SCHEDULE LOCATION NO. FILE NO.
	1/22/2020 10

* - RECOMMENDED MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTER LINE OF FIRE EXIT DEVICE





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.



		14.1 - GEN	IERAL CASEWORK AND EQUIP	MENT SCHEDULE						
	NO	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS					
	100	OPEN STUDENT WARDROBE W/(1) DOUBLE HOOK	SEE SPECIFICATIONS		15"W x 12"D x 54"H					
	\sim	& (2) SINGLE HOOKS EACH. MODIFIED TO INCLUDE (2) FIXED SHELVES, SEE CUBBIE DETAIL.								
X	102	OPEN TALL STORAGE UNIT	SEE SPECIFICATIONS		12"W x 21"D x 84"H					
	201	2-DOOR SINK BASE CABINET	SEE SPECIFICATIONS		36"Wx 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					

AND EXPOSED END PANELS. REFER TO SPECIFICATIONS FOR LOCATION OF 4" AND 6" BASE. 10. SEE REFLECTED CEILING PLANS FOR LOCATION OF WINDOW TREATMENTS. 11. STAINLESS STEEL SINKS, FAUCETS, AND BUBBLERS SHALL BE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR.

- 12. TELEPHONE UNITS AND SYSTEMS ARE NOT IN CONTRACT. 13. COORDINATE ALL LARGE SCALE PLANS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- 14. NIC = NOT IN CONTRACT
- 15. WHEN DESCRIPTION AND MODEL NUMBER IN CASEWORK AND EQUIPMENT SCHEDULE CONFLICT, THE DESCRIPTION TAKES PRECEDENCE.
- 16. OPP = OPPOSITE HAND. 17. COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH INTERIOR ELEVATIONS. IN INSTANCE WHERE FLOOR PLAN/ELEVATIONS DO NOT COINCIDE, FLOOR
- PLAN LAYOUT TAKES PRECEDENCE. 18. VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.
- 19. OWNER PROVIDED, CONTRACTOR INSTALLED VISUAL DISPLAY BOARDS SHALL ALL BE VERIFIED IN FIELD. PRIOR TO FABRICATION & INSTALLATION.

SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION

EXISTING FLOOR TRANSITION SCHEDULE

(WHERE OCCURS)

MARBLE

MARBLE

WOOD

WOOD

JOHNSONITE NO. SSR-XX-B (1/8")

JOHNSONITE NO. SSR-XX-B (1/8")

JOHNSONITE NO. SSR-XX-B (1/8")

CT TO WD

CT TO VCT

WD TO WD

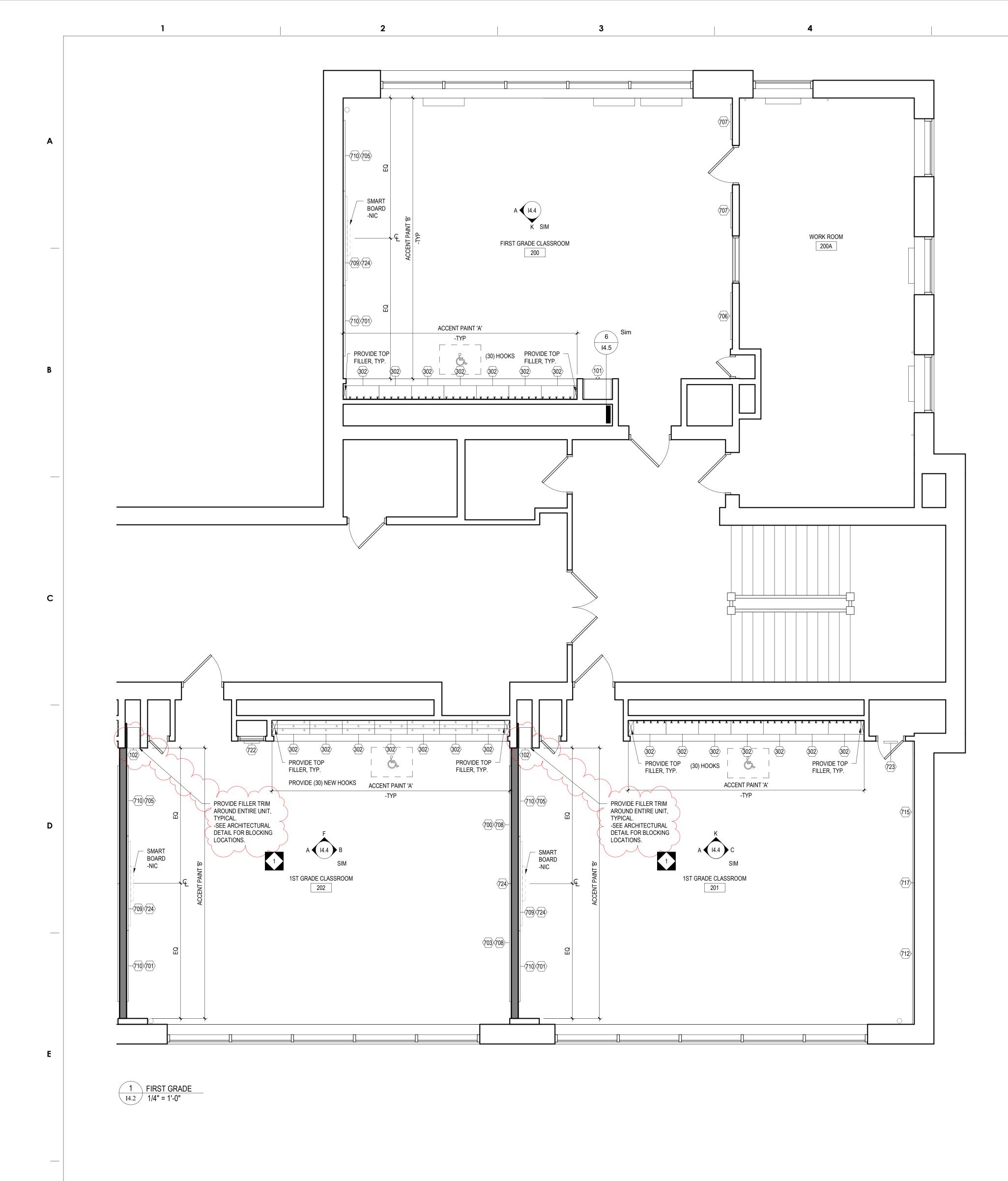
WD TO SCONC

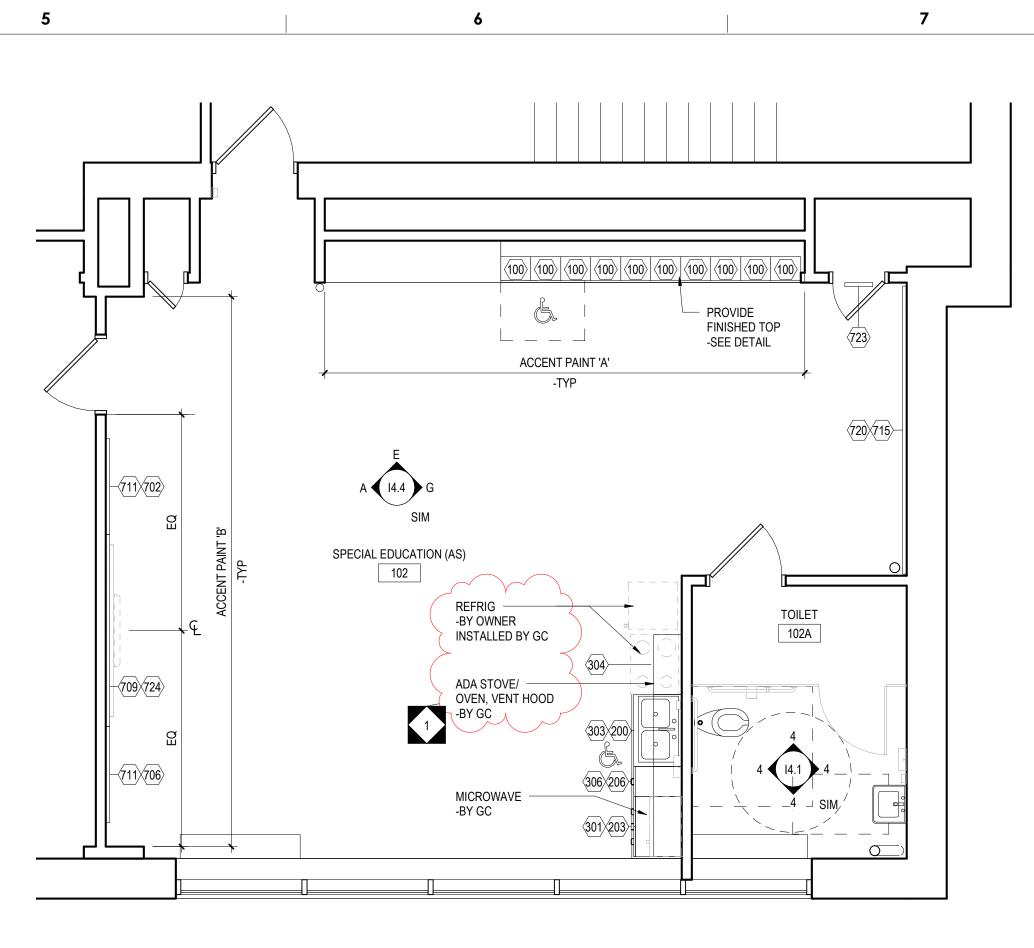
VCT TO VAT

VCT TO WD

VCT TO SCONC

PHILADELPHIA
440 NORTH BROAD STREET PHILADELPHIA, PA 19130 - 4015
(215) 400 - 4730 (215) 400 - 4731 (fax) www.philasd.org
SEAL:
MININGSTERED ARCHINE
THIN REY STRAUB
R. JEFFREY STRAUB STATE AND LICENSE NO: RA403652
<u>ARCHITECT</u> CRABTREE, ROHRBAUGH & ASSOCIATES
401 E. Winding Hill Road Mechanicsburg, PA 17055 Phone: 717-458-0272
Email: jharder@cra-architects.com Attn: Jessie Harder
<u>MEP ENGINEERS</u> SETTY One South Street, Suite 1130
Baltimore, MD 21202 Phone: 667-309-6036 Email: deepak.at@setty.com
Attn: Deepak Ajjimane
<u>100% DESIGN SUBMISSION</u> 1/22/2020
1/22/2020
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2 SPECIAL EDUCATION I4.2 1/4" = 1'-0"

GRADE 1-3 MOUNTING HEIGHT SCHEDULE

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

8

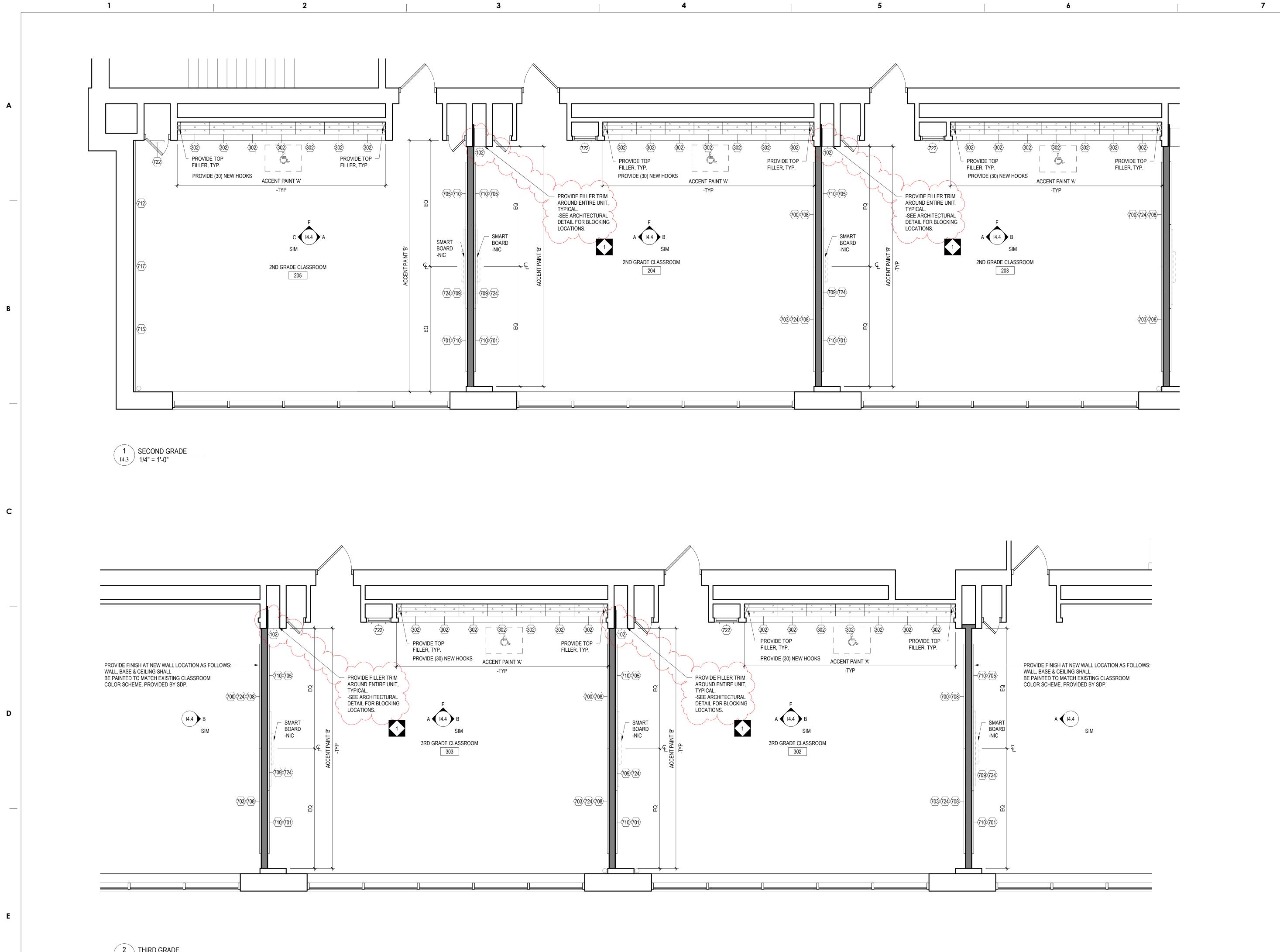
SPECIAL EDUCATION MOUNTING HEIGHT SCHEDULE					
MARKER BOARD	VARIES - SEE APPLICABLE MOUNTING SCH				
TACK BOARD	VARIES - SEE APPLICABLE MOUNTING SCH				
BASE CABINETS	2'-8" AFF TO TOP OF COUNTER				
WALL CABINETS	7'-0" AFF TO TOP OF CABINET				
SMART BOARD	CENTERED ON THE WALL				
NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTE					

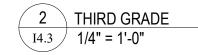
NOTE: WHERE NEW MARKER BOARD OR TACK BOARD IS BEING MOUNTE NEXT OR OR ON THE SAME WALL AS AN EXISTING TACK BOARD OR MARI BOARD, MATCH EXISTING HEIGHT.

14.2 - 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

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	(215) 400 - 4730 (215) 400 - 4731 (fax) www.philasd.org
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	R. JEFFREY STRAUB STATE AND LICENSE NO: RA403652
	<u>ARCHITECT</u> CRABTREE, ROHRBAUGH & ASSOCIATES
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	Email: jharder@cra-architects.com Attn: Jessie Harder
	<u>mep engineers</u> Setty
	One South Street, Suite 1130 Baltimore, MD 21202 Phone: 667-309-6036
	Email: deepak.at@setty.com Attn: Deepak Ajjimane
ER	
	<u>100% DESIGN SUBMISSION</u> <u>1/22/2020</u>
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	1 3/5/2020 ADDENDUM # 1
	NO. DATE REVISION
	SCHOOL & LOCATION JOHN MARSHALL
	ELEMENTARY SCHOOL
1	MAILING ADDRESS: 4500
	GRISCOM STREET, PHILADELPHIA, PA 19124
	GRISCOM STREET, PHILADELPHIA,
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE CLASSROOM
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE CLASSROOM
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE CLASSROOM MODERNIZATION
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE CLASSROOM MODERNIZATION DRAWING TITLE LARGE SCALE LAYOUTS - FIRST GRADE & SPECIAL
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE CLASSROOM MODERNIZATION DRAWING TITLE LARGE SCALE LAYOUTS - FIRST GRADE & SPECIAL EDUCATION
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	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE CLASSROOM MODERNIZATION DRAWING TITLE LARGE SCALE LAYOUTS - FIRST GRADE & SPECIAL EDUCATION NO. FILE NO. DRAWN BY CHECKED BY B-031C OF 2019 / 20 B-033C OF 2019 / 20
	GRISCOM STREET, PHILADELPHIA, PA 19124 DEED ADDRESS: 1501 SELLERS STREET, PHILADELPHIA, PA 19124-3600 PROJECT TITLE CLASSROOM MODERNIZATION DRAWING TITLE LARGE SCALE LAYOUTS - FIRST GRADE & SPECIAL EDUCATION NO. FILE NO. DRAWN BY CHECKED BY B-031C OF 2019/20





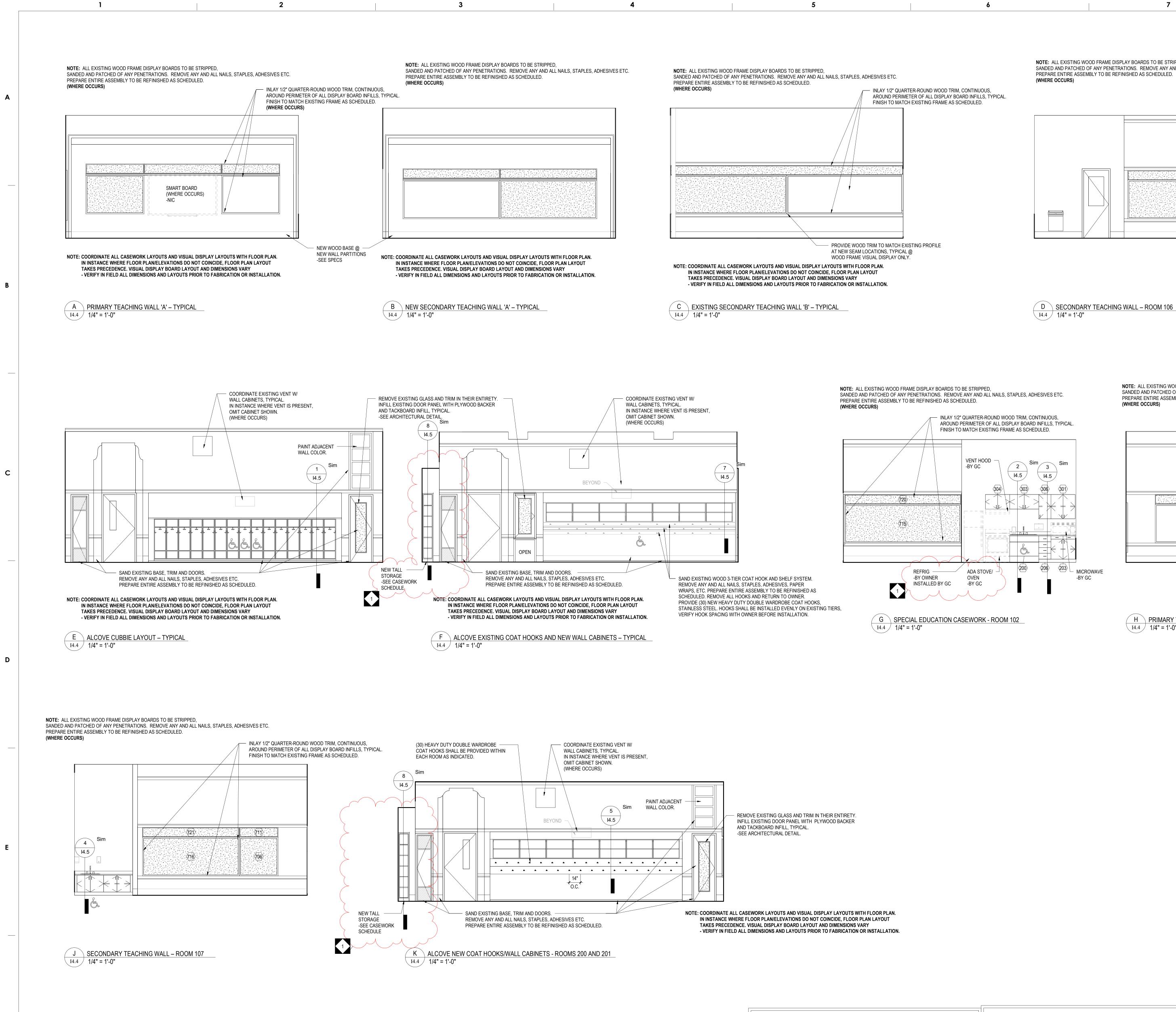
				MATCH EXISTING HEIGHT.	
	NO	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS
	102	OPEN TALL STORAGE UNIT	SEE SPECIFICATIONS		12"W x 21"D x 84"H
	302	OPEN WALL CABINET	SEE SPECIFICATIONS		33"W x 14"D x 24"H
	700	MARKERBOARD W/ALUMINUM FRAME	OWNER SUPPLIED, GC INSTALLED	SEE SPECIFICATIONS	10'-0"W x 4'-0"H
	701	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

BASE CABINETS

WALL CABINETS

TACK BOARD

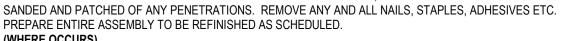
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	I			PHILA	DOL DISTRICT OF
				OFFICE OF CAPI	TAL PROGRAMS
				440 NORTH BROAD PHILADELPHIA, PA	
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				SEAL:	
				MINIM	D ARCHING
				ALININ TREY	STRAUB
				R. JEFFREY STRAUB STATE AND LICENSE NO: RA4()3652
				ARCHITECT	
				CRABTREE, ROHRBAUG 401 E. Winding Hill Roc Mechanicsburg, PA 1 Phone: 717-458-0272	bb
				Email: jharder@cra-ar Attn: Jessie Harder	chitects.com
				MEP ENGINEERS	
				SETTY One South Street, Suite Baltimore, MD 21202	ə 1130
				Phone: 667-309-6036 Email: deepak.at@set	
				Attn: Deepak Ajjimano	9
				<u>100% DESIGN S</u> 1/22/2020	<u>JBMISSION</u>
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				1 3/5/2020 ADDEI	NDUM # 1
				SCHOOL & LOCA	ATION
MARKER		MOUNTING HEI 2'-6" AFF TO BOTT	GHT SCHEDULE	ELEMENTARY	SCHOOL
		2'-6" AFF TO BOTT		MAILING ADDRI GRISCOM STREE PA 19124	ess: 4500 et, philadelphia,
BASE CAE		2'-6" AFF TO TOP		DEED ADDRESS: STREET, PHILADE	
SMART-BO		CENTERED ON TH	IE WALL BOARD IS BEING MOUNTED	19124-3600 PROJECT TITLE	
NEXT TO		WALL AS AN EXIST	NG TACK BOARD OR MARKER	CLASSROOM	
	MENT SCHEDUL			MODERNIZA	
R			DIMENSIONS 12"W x 21"D x 84"H	DRAWING TITLE	
NS	SEE SPECIF		33"W x 14"D x 24"H 10'-0"W x 4'-0"H	SECOND & TH	
STALLED STALLED STALLED	SEE SPECIF SEE SPECIF SEE SPECIF	ICATIONS	6'-0"W x 4'-0"H 10'-0"W x 4'-0"H 6'-0"W x 4'-0"H	LOCATION NO.	FILE NO.
STALLED STALLED STALLED	SEE SPECIF SEE SPECIF SEE SPECIF	ICATIONS	0-0"W x 4-0"H 10'-0"W x 1'-0"H 8'-0"W x 1'-0"H	DRAWN BY	CHECKED BY
STALLED NS	SEE SPECIF SEE SPECIF	ICATIONS	6'-0"W x 1'-0"H 12'-0"W (VIF) x 4'-0"H (VIF)		OF 2019 / 20 OF 2019 / 20
NS NS	SEE SPECIF SEE SPECIF	FICATIONS FICATIONS	12'-0"W (VIF) x 4'-0"H (VIF) 24'-0"W (VIF) x 1'-0"H (VIF)	DRAWING NO.	
NS STALLED	SEE SPECIF SEE SPECIF		1'-4"W (VIF) x 3'-9"H (VIF) WIDTH TO FIT x 2"H	14.3	

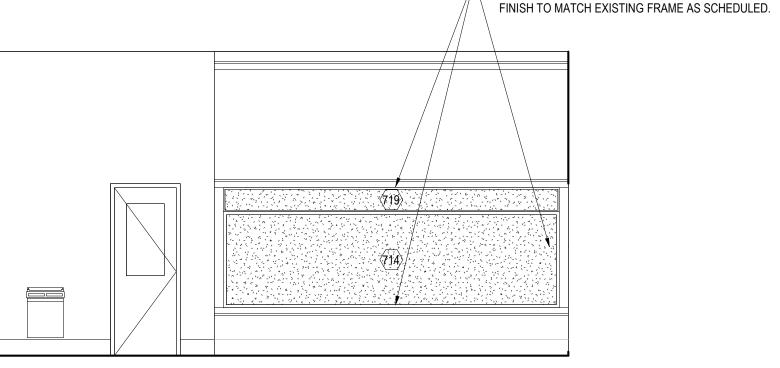




PRE-K & KINDERGARTEN MOUNTING HEIGHT SCHEDULE		GRADE	GRADE 1-3 MOUNTING HEIGHT SCHEDULE		SPECIAL EDUCATION MOUNTING HEIGHT SCHEDULI	
MARKER BOARD	2'-0" AFF TO BOTTOM EDGE	MARKER BOARD	2'-6" AFF TO BOTTOM EDGE	MARKER BOARD	VARIES - SEE APPLICABLE MOUNTING SCH	
TACK BOARD	2'-0" AFF TO BOTTOM EDGE	TACK BOARD	2'-6" AFF TO BOTTOM EDGE	TACK BOARD	VARIES - SEE APPLICABLE MOUNTING SCH	
BASE CABINETS	2'-2" AFF TO TOP OF COUNTERTOP	BASE CABINETS	2'-6" AFF TO TOP OF COUNTERTOP	BASE CABINETS	2'-8" AFF TO TOP OF COUNTER	
WALL CABINETS	SEE TYPICAL SECTION DETAIL	WALL CABINETS	SEE TYPICAL SECTION DETAIL	WALL CABINETS	7'-0" AFF TO TOP OF CABINET	
SMART-BOARD	CENTERED ON THE WALL	SMART-BOARD	CENTERED ON THE WALL	SMART BOARD	CENTERED ON THE WALL	
	ARKER BOARD OR TACK BOARD IS BEING MOUNTED SAME WALL AS AN EXISTING TACK BOARD OR MARKER NG HEIGHT.		ARKER BOARD OR TACK BOARD IS BEING MOUNTED SAME WALL AS AN EXISTING TACK BOARD OR MARKER ING HEIGHT.		ARKER BOARD OR TACK BOARD IS BEING MOUNTE SAME WALL AS AN EXISTING TACK BOARD OR MAR ING HEIGHT.	

NOTE: ALL EXISTING WOOD FRAME DISPLAY BOARDS TO BE STRIPPED, SANDED AND PATCHED OF ANY PENETRATIONS. REMOVE ANY AND ALL NAILS, STAPLES, ADHESIVES ETC.





D SECONDARY TEACHING WALL – ROOM 106 I4.4 1/4" = 1'-0"

AROUND PERIMETER OF ALL DISPLAY BOARD TYPICAL. FINISH TO MATCH EXISTING FRAM AS SCHEDULED. SMART BOARD (713) (713) -NIC (713) (BEYOND)

- INLAY 1/2" QUARTER-ROUND WOOD TRIM, CONTINUOUS,

AROUND PERIMETER OF ALL DISPLAY BOARD INFILLS, TYPICAL.

H PRIMARY TEACHING WALL – ROOM 107 \ I4.4 / 1/4" = 1'-0"

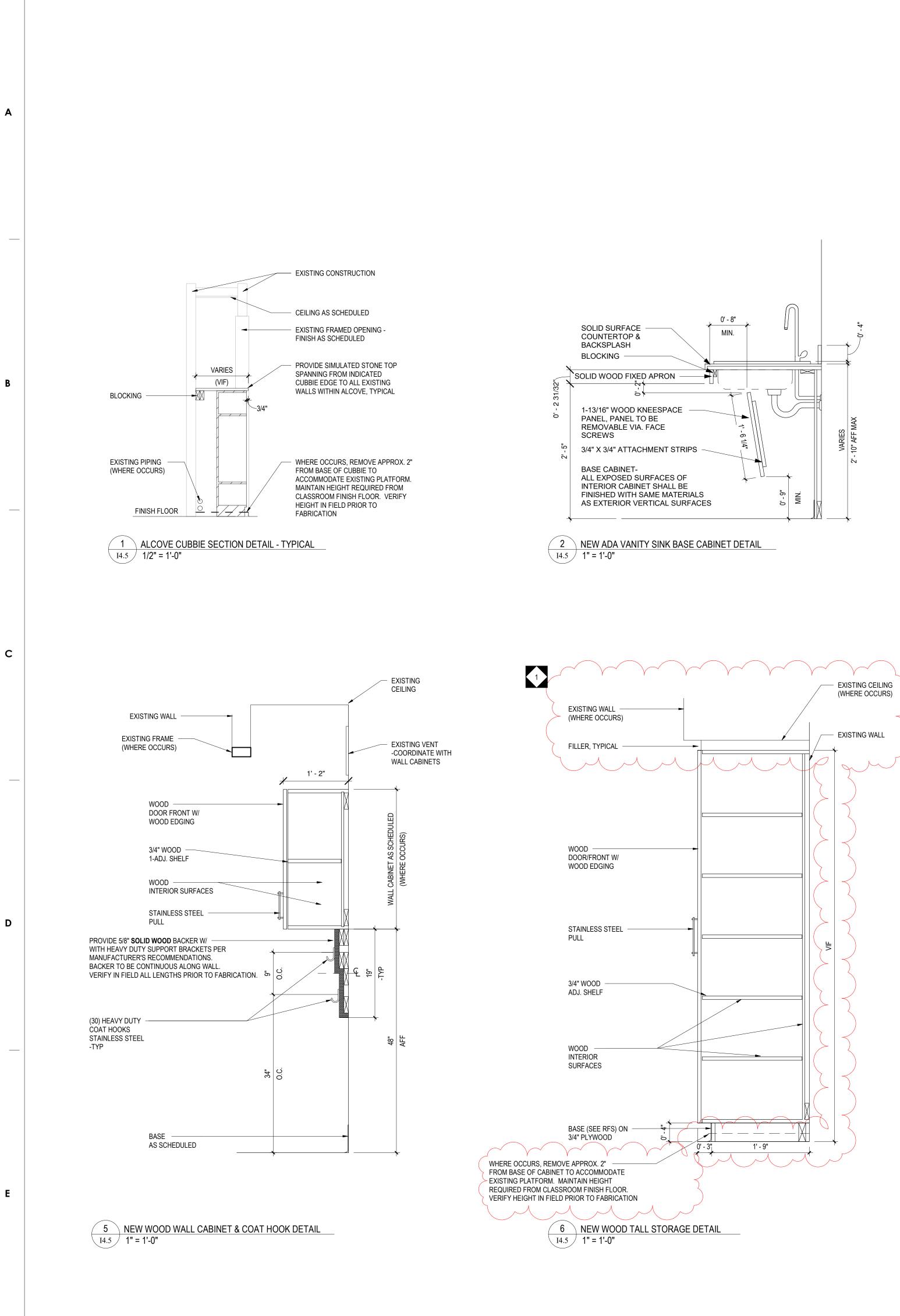
NOTE: ALL EXISTING WOOD FRAME DISPLAY BOARDS TO BE STRIPPED,

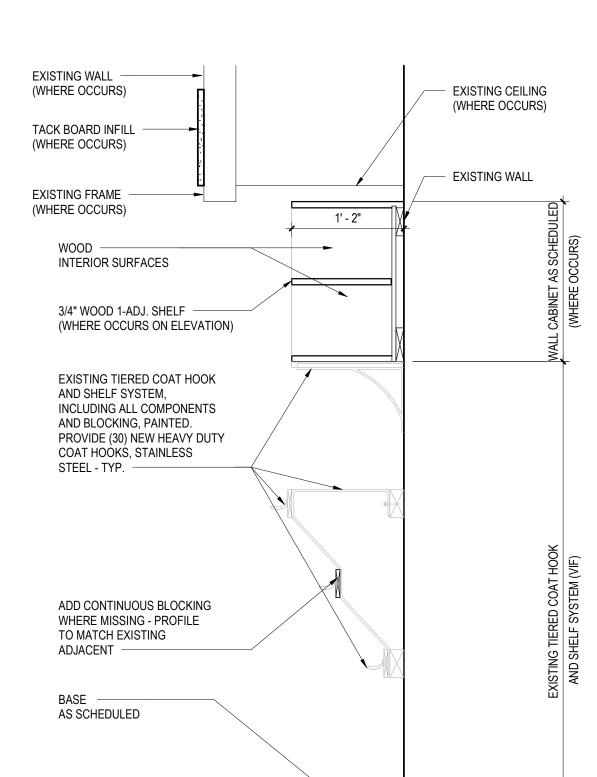
PREPARE ENTIRE ASSEMBLY TO BE REFINISHED AS SCHEDULED.

(WHERE OCCURS)

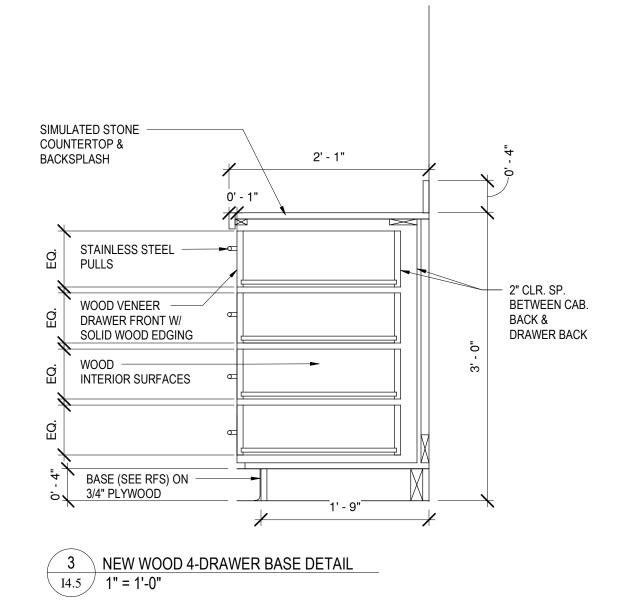
SANDED AND PATCHED OF ANY PENETRATIONS. REMOVE ANY AND ALL NAILS, STAPLES, ADHESIVES ETC.

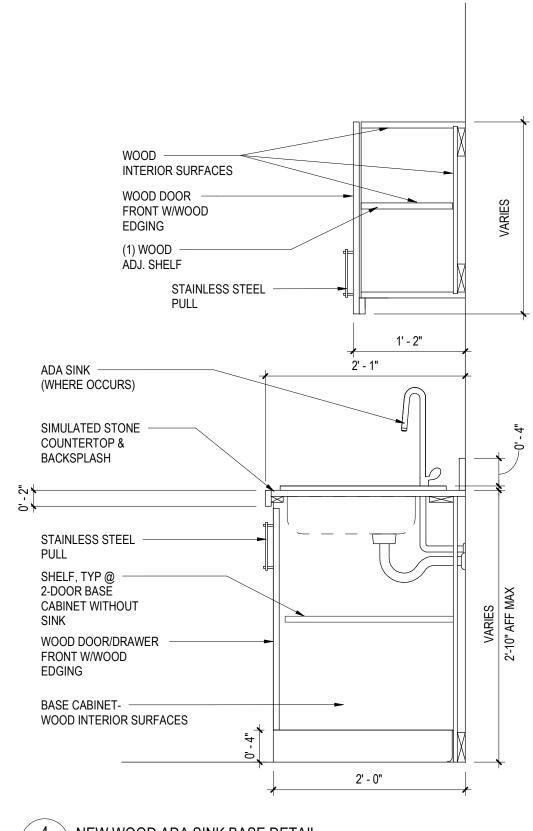
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, CONTINUOUS,	440 NORTH BROAD STREET PHILADELPHIA, PA 19130 - 4015 (215) 400 - 4730 (215) 400 - 4731 (fax) www.philasd.org
RD INFILLS, TYPICAL. IEDULED.	SEAL:
	STERED ARCHINE
	THIN MEY STRAUB
	R. JEFFREY STRAUB STATE AND LICENSE NO: RA403652
	ARCHITECT CRABTREE, ROHRBAUGH & ASSOCIATES 401 E. Winding Hill Road Mechanicsburg, PA 17055
	Phone: 717-458-0272 Email: jharder@cra-architects.com Attn: Jessie Harder
	<u>MEP ENGINEERS</u> SETTY One South Street, Suite 1130
	Baltimore, MD 21202 Phone: 667-309-6036 Email: deepak.at@setty.com Attn: Deepak Ajjimane
/ES ETC. NLAY 1/2" QUARTER-ROUND WOOD TRIM, CONTINUOUS,	
ROUND PERIMETER OF ALL DISPLAY BOARD INFILLS, YPICAL. FINISH TO MATCH EXISTING FRAME S SCHEDULED.	
	100% DESIGN SUBMISSION
	1/22/2020
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JNTING HEIGHT SCHEDULE SEE APPLICABLE MOUNTING SCHEDULE	8
	8
SEE APPLICABLE MOUNTING SCHEDULE SEE APPLICABLE MOUNTING SCHEDULE TO TOP OF COUNTER TO TOP OF CABINET D ON THE WALL	8
SEE APPLICABLE MOUNTING SCHEDULE SEE APPLICABLE MOUNTING SCHEDULE TO TOP OF COUNTER TO TOP OF CABINET	8

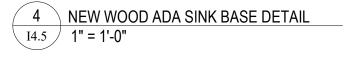


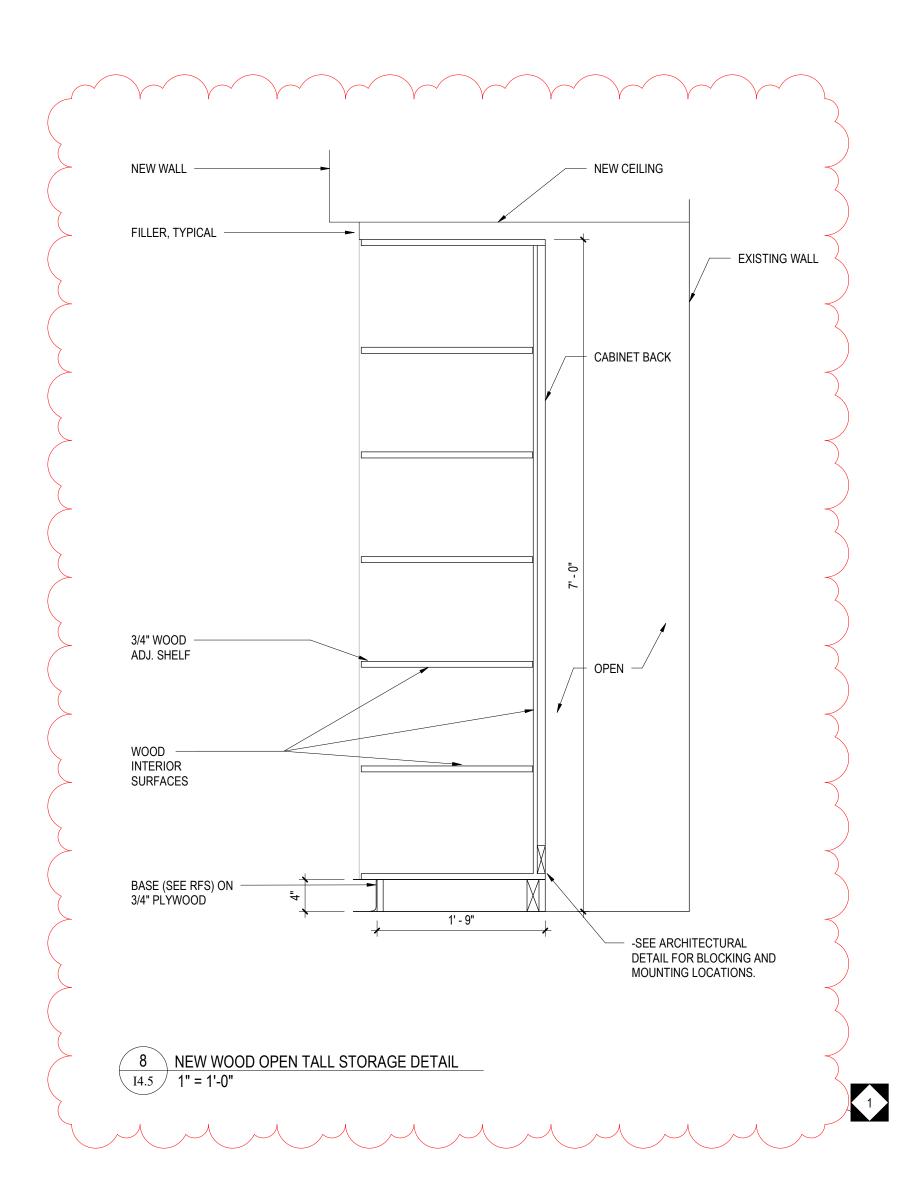


7 WOOD WALL CABINET & EXISTING 3-TIER SHELF DETAIL I4.5 1" = 1'-0"

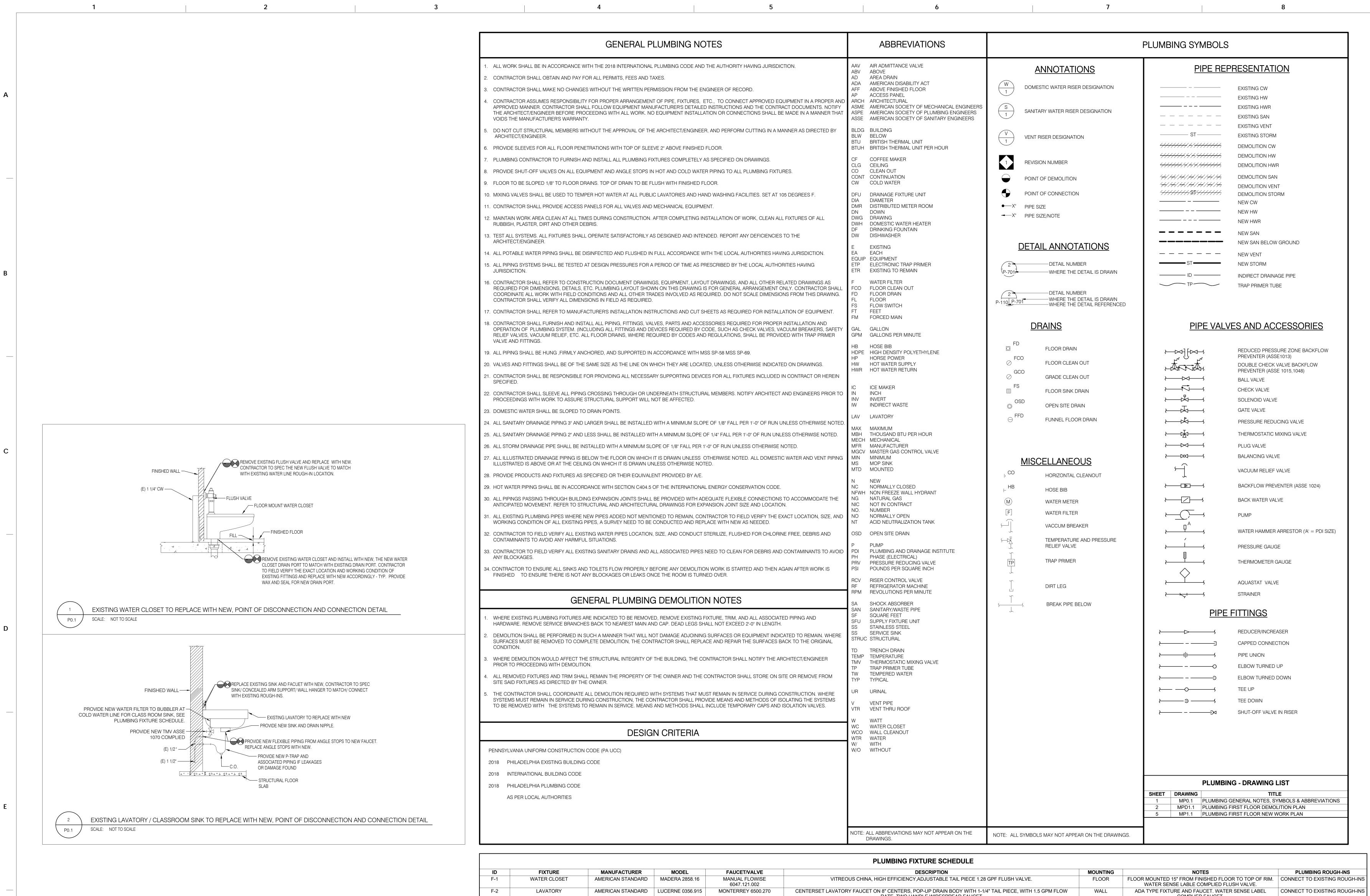








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CR/	<u>chitect</u> Abtree, rohrbaugh & Associates	
Me	E. Winding Hill Road chanicsburg, PA 17055 one: 717-458-0272	
	ail: jharder@cra-architects.com n: Jessie Harder	
<u>Mei</u> Set	p engineers Ty	
Bal	e South Street, Suite 1130 timore, MD 21202 one: 667-309-6036	
Emo	ail: deepak.at@setty.com	
Attr	n: Deepak Ajjimane	
<u>10</u>	<u>0% DESIGN SUBMISSION</u>	
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1/2 10 9 8 7 6 5 4 3 2 1 NO. SCC JC EL M/ GF PA DE STF 19 PR CI M/ DE STF 19 PR LOCC	22/2020 22/2020 2 2 2 2 2 3/5/2020 ADDENDUM # 1 DATE REVISION HOOL & LOCATION DHN MARSHALL EMENTARY SCHOOL AILING ADDRESS: 4500 RISCOM STREET, PHILADELPHIA, 19124 2ED ADDRESS: 1501 SELLERS REET, PHILADELPHIA, PA 124-3600 OJECT TITLE LASSROOM OJECT TITLE LASSROOM ODERNIZATION CATION NO. FILE NO. AWING TITLE CATION NO. FILE NO. AWIN BY CHECKED BY	
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	GENERAL PLUMBING NOTES		ABI
1.	ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE AND THE AUTHORITY HAVING JURISDICTION.	AAV ABV	AIR ADMIT ABOVE
	CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES AND TAXES. CONTRACTOR SHALL MAKE NO CHANGES WITHOUT THE WRITTEN PERMISSION FROM THE ENGINEER OF RECORD.	AD ADA AFF	AREA DRA AMERICAN ABOVE FIN
	CONTRACTOR ASSUMES RESPONSIBILITY FOR PROPER ARRANGEMENT OF PIPE, FIXTURES, ETC., TO CONNECT APPROVED EQUIPMENT IN A PROPER AND APPROVED MANNER. CONTRACTOR SHALL FOLLOW EQUIPMENT MANUFACTURER'S DETAILED INSTRUCTIONS AND THE CONTRACT DOCUMENTS. NOTIFY THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH ALL WORK. NO EQUIPMENT INSTALLATION OR CONNECTIONS SHALL BE MADE IN A MANNER THAT	AP ARCH ASME ASPE	ACCESS F ARCHITEC AMERICAN AMERICAN
5.	VOIDS THE MANUFACTURER'S WARRANTY. DO NOT CUT STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE ARCHITECT/ENGINEER, AND PERFORM CUTTING IN A MANNER AS DIRECTED BY ARCHITECT/ENGINEER.	BLDG BLW	AMERICAN BUILDING BELOW
	PROVIDE SLEEVES FOR ALL FLOOR PENETRATIONS WITH TOP OF SLEEVE 2" ABOVE FINISHED FLOOR.	BTU BTUH	BRITISH TI BRITISH TI
7.	PLUMBING CONTRACTOR TO FURNISH AND INSTALL ALL PLUMBING FIXTURES COMPLETELY AS SPECIFIED ON DRAWINGS.	CF CLG	COFFEE N CEILING
	PROVIDE SHUT-OFF VALVES ON ALL EQUIPMENT AND ANGLE STOPS IN HOT AND COLD WATER PIPING TO ALL PLUMBING FIXTURES.	CO CONT CW	CLEAN OU CONTINUA COLD WA
	FLOOR TO BE SLOPED 1/8" TO FLOOR DRAINS. TOP OF DRAIN TO BE FLUSH WITH FINISHED FLOOR. MIXING VALVES SHALL BE USED TO TEMPER HOT WATER AT ALL PUBLIC LAVATORIES AND HAND WASHING FACILITIES. SET AT 105 DEGREES F.	DFU	DRAINAGE
1.	CONTRACTOR SHALL PROVIDE ACCESS PANELS FOR ALL VALVES AND MECHANICAL EQUIPMENT.	DIA DMR DN	DIAMETEF DISTRIBUT DOWN
2.	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.	DWG DWH	DRAWING DOMESTIC
3.	TEST ALL SYSTEMS. ALL FIXTURES SHALL OPERATE SATISFACTORILY AS DESIGNED AND INTENDED. REPORT ANY DEFICIENCIES TO THE ARCHITECT/ENGINEER.	DF DW	DRINKING DISHWASI
4.	ALL POTABLE WATER PIPING SHALL BE DISINFECTED AND FLUSHED IN FULL ACCORDANCE WITH THE LOCAL AUTHORITIES HAVING JURISDICTION.	E EA FQUIP	EXISTING EACH EQUIPMEN
5.	ALL PIPING SYSTEMS SHALL BE TESTED AT DESIGN PRESSURES FOR A PERIOD OF TIME AS PRESCRIBED BY THE LOCAL AUTHORITIES HAVING JURISDICTION.	ETP ETR	ELECTRON EXISTING
6.	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	F FCO	WATER FIL FLOOR CL
	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.	FD FL FS	FLOOR DF FLOOR FLOW SWI
	CONTRACTOR SHALL REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS AND CUT SHEETS AS REQUIRED FOR INSTALLATION OF EQUIPMENT.	FT FM	FEET FORCED N
ບ.	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.	GAL GPM HB	GALLON GALLONS HOSE BIB
	ALL PIPING SHALL BE HUNG , FIRMLY ANCHORED, AND SUPPORTED IN ACCORDANCE WITH MSS SP-58 MSS SP-69.	HDPE HP	HIGH DEN HORSE PO
	VALVES AND FITTINGS SHALL BE OF THE SAME SIZE AS THE LINE ON WHICH THEY ARE LOCATED, UNLESS OTHERWISE INDICATED ON DRAWINGS.	HW HWR	HOT WATE HOT WATE
	SPECIFIED.	IC IN	ICE MAKE INCH
2.	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.	IN INV IW	INCH INVERT INDIRECT
	DOMESTIC WATER SHALL BE SLOPED TO DRAIN POINTS. 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.	LAV	LAVATORY
	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.	MAX MBH	MAXIMUM THOUSAN
5.	ALL STORM DRAINAGE PIPE SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1/8" FALL PER 1'-0" OF RUN UNLESS OTHERWISE NOTED.	MFR	MECHANIC MANUFAC MASTER C
7.	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.	MIN MS MTD	MINIMUM MOP SINK MOUNTEE
	PROVIDE PRODUCTS AND FIXTURES AS SPECIFIED OR THEIR EQUIVALENT PROVIDED BY A/E.	N	NEW
	HOT WATER PIPING SHALL BE IN ACCORDANCE WITH SECTION C404.5 OF THE INTERNATIONAL ENERGY CONSERVATION CODE. ALL PIPINGS PASSING THROUGH BUILDING EXPANSION JOINTS SHALL BE PROVIDED WITH ADEQUATE FLEXIBLE CONNECTIONS TO ACCOMMODATE THE	NC NFWH NG	NORMALL NON FREE NATURAL
1	ANTICIPATED MOVEMENT. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR EXPANSION JOINT SIZE AND LOCATION. ALL EXISTING PLUMBING PIPES WHERE NEW PIPES ADDED NOT MENTIONED TO REMAIN, CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, SIZE, AND	NIC NO. NO	NOT IN CO NUMBER NORMALL
	WORKING CONDITION OF ALL EXISTING PIPES, A SURVEY NEED TO BE CONDUCTED AND REPLACE WITH NEW AS NEEDED.	NT	ACID NEU
2.	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.	OSD P	OPEN SITE
3.	CONTRACTOR TO FIELD VERIFY ALL EXISTING SANITARY DRAINS AND ALL ASSOCIATED PIPES NEED TO CLEAN FOR DEBRIS AND CONTAMINANTS TO AVOID ANY BLOCKAGES.	PDI PH PRV	PLUMBING PHASE (EL PRESSURI
4.	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.	PSI RCV	POUNDS I
		RF RPM	REFRIGEF REVOLUTI
	GENERAL PLUMBING DEMOLITION NOTES	SA SAN SF	SHOCK AN SANITARY SQUARE F
Ι.	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.	SFU SS	SUPPLY F
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.	SS STRUC	SERVICE S STRUCTU
8.	WHERE DEMOLITION WOULD AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH DEMOLITION.	TD TEMP TMV TP	TRENCH I TEMPERA THERMOS TRAP PRIM
ŧ.	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.	TP TW TYP	TEMPERE TYPICAL
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.	UR V VTR	URINAL VENT PIPE VENT THR
		W WC	WATT WATER CL
		WCO WTR W/	WALL CLE WATER WITH
	ENNSYLVANIA UNIFORM CONSTRUCTION CODE (PA UCC) 018 PHILADELPHIA EXISTING BUILDING CODE	W/O	WITHOUT
	018 INTERNATIONAL BUILDING CODE		
2	018 PHILADELPHIA PLUMBING CODE		
	AS PER LOCAL AUTHORITIES		
			ALL ABBRE\ DRAWINGS.
		_	

					PLUMBING FIXTURE SCHEDULE
ID	FIXTURE	MANUFACTURER	MODEL	FAUCET/VALVE	DESCRIPTION
F-1	WATER CLOSET	AMERICAN STANDARD	MADERA 2858.16	MANUAL FLOWISE 6047.121.002	VITREOUS CHINA, HIGH EFFICIENCY, ADJUSTABLE TAIL PIECE 1.28 GPF FLUSH VALVE.
F-2	LAVATORY	AMERICAN STANDARD	LUCERNE 0356.915	MONTERREY 6500.270	CENTERSET LAVATORY FAUCET ON 8" CENTERS, POP-UP DRAIN BODY WITH 1-1/4" TAIL PIECE, WITH 1.5 GPM FLOW RATE. TWO HANDLE WIDESPREAD FAUCET
F-3	CLASSROOM SINK	ELKAY	DRKAD222055R	AMERICAN STANDARD MODEL MONTERRY 6540.278	SINGLE BOWL, 5 1/2" DEEP, DROP-IN ADA STAINLESS STEEL SINK FLEXIBLE UNDERBODY FOR INSTALLATION ON 6" - 12" CENTERS. SWIVEL GOOSNECK SPOUT WIDESPREAD HANDLES WITH FLOW RATE 1.5 GPM PRESSURE COMPENSATING AERATOR.
F-4	DRINKING FOUNTAIN	ELKAY	LMABFDL	-	FILTERED NON-REFRIGERATED LIGHT GRAY GRANITE TYPE DRINKING FOUNTAIN
F-5	CLASSROOM SINK (DOUBLE BOWL)	ELKAY	LRAD291855	AMERICAN STANDARD MODEL MONTERRY 6540.278	SINGLE BOWL DROP-IN ADA STAINLESS STEEL SINK FLEXIBLE UNDERBODY FOR INSTALLATION ON 6" - 12" CENTERS.

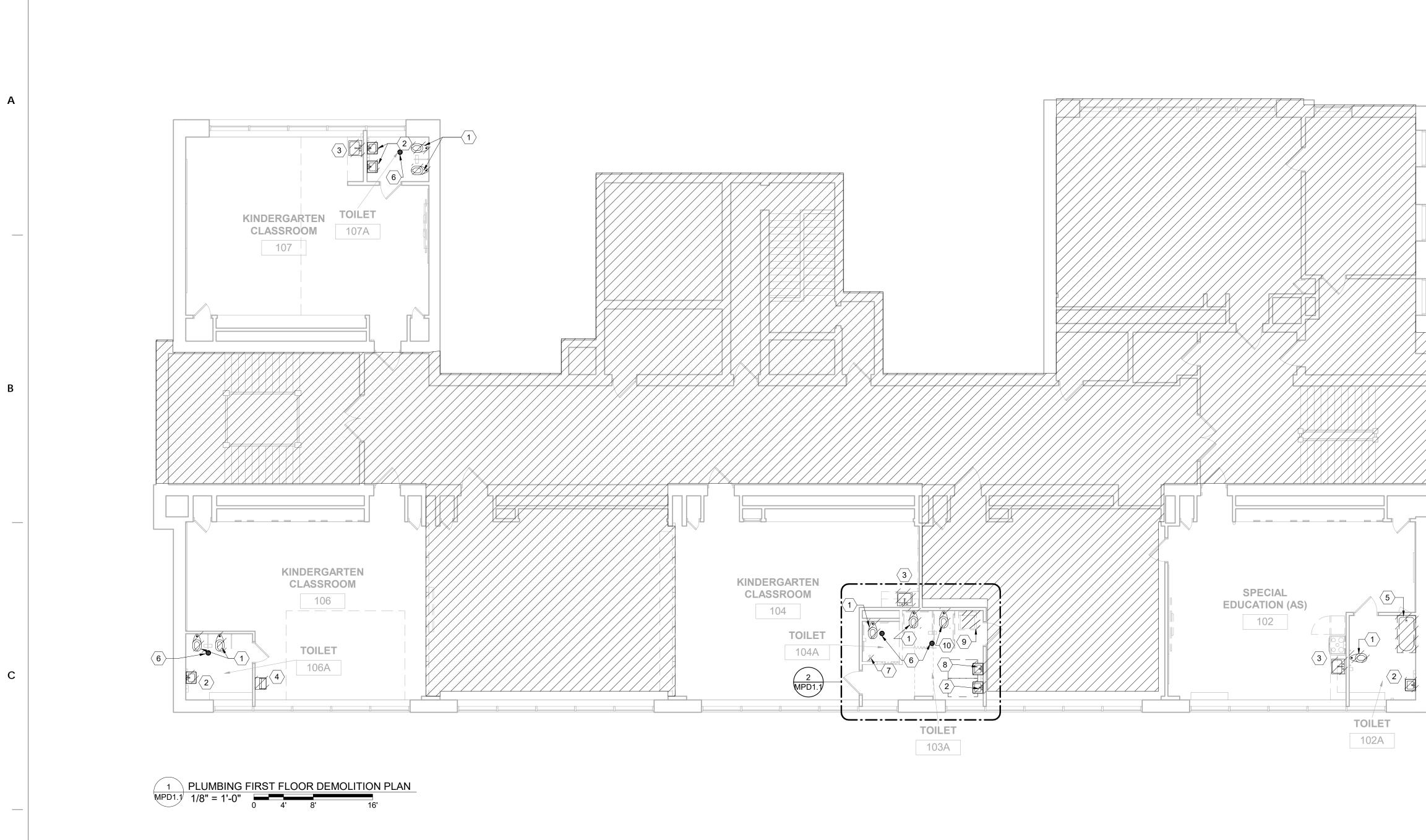
	$\sim \sim \sim \sim \sim$		\sim
Ę	UNIT NO	LOCATION	с
ζ	UH-1	TOILET 103A & TOILET 104A	3
		WITH RECESSED MOUNTING ENCL THERMOSTAT, 24V TIME DELAY RE	
Ž	mm	mmm	w

BBREVIATIONS	PLUMBING SYMBOLS				
MITTANCE VALVE	ANNOTATIONS		PIPE REPRESENTATION		
DRAIN CAN DISABILITY ACT FINISHED FLOOR S PANEL TECTURAL CAN SOCIETY OF MECHANICAL ENGINEERS CAN SOCIETY OF PLUMBING ENGINEERS CAN SOCIETY OF SANITARY ENGINEERS	(1)	IESTIC WATER RISER DESIGNATION TARY WATER RISER DESIGNATION		EXISTING CW EXISTING HW EXISTING HWR EXISTING SAN	
NG / H THERMAL UNIT H THERMAL UNIT PER HOUR	V VENT	T RISER DESIGNATION	ST ST	EXISTING VENT EXISTING STORM DEMOLITION CW	
E MAKER G OUT NUATION WATER AGE FIXTURE UNIT		SION NUMBER IT OF DEMOLITION IT OF CONNECTION	++++++++++++++++++++++++++++++++++++++	DEMOLITION HW DEMOLITION HWR DEMOLITION SAN DEMOLITION VENT DEMOLITION STORM	
FER BUTED METER ROOM NG STIC WATER HEATER NG FOUNTAIN ASHER	●——X" PIPE — —X" PIPE	SIZE SIZE/NOTE		NEW CW NEW HW NEW HWR NEW SAN	
IG MENT RONIC TRAP PRIMER IG TO REMAIN	<u>DET</u>	AIL ANNOTATIONS DETAIL NUMBER WHERE THE DETAIL IS DRAWN	ST	NEW SAN BELOW GROUND NEW VENT NEW STORM INDIRECT DRAINAGE PIPE	
FILTER CLEAN OUT DRAIN SWITCH	P-110 P-701		TP	TRAP PRIMER TUBE	
D MAIN N NS PER MINUTE	<u> </u>	DRAINS	<u>PIPE VAL</u>	VES AND ACCESSORIES	
BIB DENSITY POLYETHYLENE E POWER ATER SUPPLY ATER RETURN KER CT WASTE DRY	FD FCO GCO FS SD SD SD SD SD	FLOOR DRAIN FLOOR CLEAN OUT GRADE CLEAN OUT FLOOR SINK DRAIN OPEN SITE DRAIN FUNNEL FLOOR DRAIN		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	
JM AND BTU PER HOUR NICAL ACTURER R GAS CONTROL VALVE JM NK FED		<u>CELLANEOUS</u>		THERMOSTATIC MIXING VALVE PLUG VALVE BALANCING VALVE VACUUM RELIEF VALVE	
ALLY CLOSED REEZE WALL HYDRANT AL GAS CONTRACT ER ALLY OPEN EUTRALIZATION TANK	⊢ ^{CO} ⊢ ^{HB} (M) [F] ↓	HORIZONTAL CLEANOUT HOSE BIB WATER METER WATER FILTER VACCUM BREAKER		BACKFLOW PREVENTER (ASSE 1024) BACK WATER VALVE PUMP	
SITE DRAIN ING AND DRAINAGE INSTITUTE (ELECTRICAL) JRE REDUCING VALVE DS PER SQUARE INCH CONTROL VALVE		TEMPERATURE AND PRESSURE RELIEF VALVE TRAP PRIMER		WATER HAMMER ARRESTOR ('A' = PDI SIZE) PRESSURE GAUGE THERMOMETER GAUGE AQUASTAT VALVE	
GERATOR MACHINE UTIONS PER MINUTE (ABSORBER RY/WASTE PIPE (E FEET Y FIXTURE UNIT ESS STEEL	L	DIRT LEG BREAK PIPE BELOW	ک ہے۔۔۔۔ <u>PIPE</u>	strainer <u>E FITTINGS</u>	
E SINK TURAL H DRAIN RATURE OSTATIC MIXING VALVE RIMER TUBE RED WATER L				REDUCER/INCREASER CAPPED CONNECTION PIPE UNION ELBOW TURNED UP ELBOW TURNED DOWN TEE UP	
IPE HRU ROOF CLOSET CLEANOUT			⊱⊖ ≻	TEE DOWN SHUT-OFF VALVE IN RISER	
JT					
				ING - DRAWING LIST	
			2 MPD1.1 PLUMBING	TITLE G GENERAL NOTES, SYMBOLS & ABBREVIATIONS G FIRST FLOOR DEMOLITION PLAN G FIRST FLOOR NEW WORK PLAN	

_ ABBREVIATIONS MAY NOT APPEAR ON THE AWINGS.	NOTE: ALL SYMBOLS MAY NOT APPEA	AR ON THE DRAWIN	IGS.		
PLUMBING FIXTURE SCHEDULE					
DESCRIPTION		MOUNTING		NOTES	PLUMBING ROUGH-INS
HIGH EFFICIENCY, ADJUSTABLE TAIL PIECE 1.28	FLOOR		MOUNTED 15" FROM FINISHED FLOOR TO TOP OF RIM. WATER SENSE LABLE COMPLIED FLUSH VALVE.	CONNECT TO EXISTING ROUG	
ON 8" CENTERS, POP-UP DRAIN BODY WITH 1-1/ RATE. TWO HANDLE WIDESPREAD FAUCET	4" TAIL PIECE, WITH 1.5 GPM FLOW	WALL	ADA	A TYPE FIXTURE AND FAUCET. WATER SENSE LABEL COMPLIED FAUCET.	CONNECT TO EXISTING ROUG
N ADA STAINLESS STEEL SINK FLEXIBLE UNDER CENTERS. SPREAD HANDLES WITH FLOW RATE 1.5 GPM PRI	DROP-IN		ET 3 HOLES ON 4" CENTERS, ADA COMPLIANT SINK AND AUCET, WATER SENSE LABEL COMPLIED FAUCET.	CONNECT TO EXISTING ROUG	
REFRIGERATED LIGHT GRAY GRANITE TYPE DRI	NKING FOUNTAIN	WALL		-	CONNECT TO EXISTING ROUC
	NOTALLATION ON OF AUTOD				

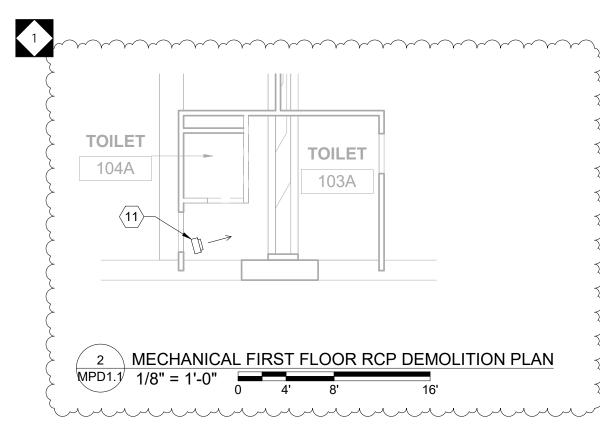
				UNIT HEATE	ER SCHEDU	JLE				
	HEATING	CAPACITY	E	LECTRICAL DAT	A		DIMENSIONS			
CFM	KW	BTU/HR	VOLTS	PHASE	AMPS	LENGTH	WIDTH	DEPTH	BASIS OF DESIGN	REMARKS
300	3.0	10.2	240	1	12.5	23-3/4"	23-3/4"	7"	BERKO FFCH542	NOTES 1 & 2

ABBREVIATIONS			OFFICE OF CAPITAL PROGRAM
		PLUMBING SYMBOLS	440 NORTH BROAD STREET
DMITTANCE VALVE E DRAIN ICAN DISABILITY ACT	ANNOTATIONS	PIPE REPRESENTATION	PHILADELPHIA, PA 19130 - 4015 (215) 400 - 4730 (215) 400 - 4731 (fax)
E FINISHED FLOOR SS PANEL	DOMESTIC WATER RISER DESIGNATION	— — — EXISTING CW EXISTING HW	www.philasd.org
ITECTURAL ICAN SOCIETY OF MECHANICAL ENGINEERS ICAN SOCIETY OF PLUMBING ENGINEERS	S SANITARY WATER RISER DESIGNATION	EXISTING HWR	
ICAN SOCIETY OF SANITARY ENGINEERS		— — — — — — EXISTING SAN — — — — — — EXISTING VENT	DUC WIN REGISTERED
N H THERMAL UNIT H THERMAL UNIT PER HOUR	V VENT RISER DESIGNATION	ST EXISTING STORM	PROFESSIONAL MICHAEL A LENTZ
EE MAKER	1 REVISION NUMBER	Contract Con	ENGINEER
IG I OUT NUATION		////////////////////////////////////	No. PEOB0402
WATER AGE FIXTURE UNIT		////////////////////////////////////	
TER BUTED METER ROOM	•—X" PIPE SIZE	NEW CW	MICHAEL A. LENTZ
I ING STIC WATER HEATER	-X" PIPE SIZE/NOTE		STATE AND LICENSE NO: PE080402
ING FOUNTAIN ASHER		NEW SAN NEW SAN BELOW GROUND	
NG	DETAIL ANNOTATIONS	NEW VENT	ARCHITECT
MENT RONIC TRAP PRIMER NG TO REMAIN	P-701- WHERE THE DETAIL IS DRAWN		CRABTREE, ROHRBAUGH & ASSOCIATES 401 E. Winding Hill Road Mechanicsburg, PA 17055
R FILTER R CLEAN OUT		ID INDIRECT DRAINAGE PIPE TP TRAP PRIMER TUBE	Phone: 717-458-0272 Email: jharder@cra-architects.com
R DRAIN	DETAIL NUMBER P-110 P-701 WHERE THE DETAIL IS DRAWN WHERE THE DETAIL REFERENCED		Attn: Jessie Harder
ED MAIN			MEP ENGINEERS
N NS PER MINUTE	DRAINS	PIPE VALVES AND ACCESSORIES	SETTY 575 South Charles Street, Suite 403 Baltimore, MD 21201
BIB DENSITY POLYETHYLENE	FD D FLOOR DRAIN	REDUCED PRESSURE ZONE BACKFLOW	Phone: 667-309-6036 Email: deepak.at@setty.com
E POWER VATER SUPPLY	FCO FLOOR CLEAN OUT	DOUBLE CHECK VALVE BACKFLOW	Attn: Deepak Ajjimane
ATER RETURN	GCO GRADE CLEAN OUT	BALL VALVE	
AKER T	FS FLOOR SINK DRAIN	CHECK VALVE	
ORY	OSD OPEN SITE DRAIN FFD	GATE VALVE	
IUM	G FUNNEL FLOOR DRAIN	PRESSURE REDUCING VALVE	
SAND BTU PER HOUR ANICAL FACTURER			
ER GAS CONTROL VALVE UM SINK	MISCELLANEOUS	► ► ► ► ► ► ► ► ► ► ► ► ► ► ► ► ► ► ►	
TED	HORIZONTAL CLEANOUT	VACUUM RELIEF VALVE	
ALLY CLOSED REEZE WALL HYDRANT	⊢ ^{HB} HOSE BIB	► BACKFLOW PREVENTER (ASSE 1024)	
RAL GAS N CONTRACT ER	M WATER METER	BACK WATER VALVE	
ALLY OPEN IEUTRALIZATION TANK	[F] WATER FILTER ↓ ↓ ↓	PUMP □ ^A	
SITE DRAIN	→ → → ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	کے لیے کے WATER HAMMER ARRESTOR ('A' = PDI SIZE)	
BING AND DRAINAGE INSTITUTE E (ELECTRICAL)		PRESSURE GAUGE	
URE REDUCING VALVE DS PER SQUARE INCH	TP TRAP PRIMER	THERMOMETER GAUGE	
CONTROL VALVE GERATOR MACHINE		AQUASTAT VALVE	
LUTIONS PER MINUTE K ABSORBER		ک ہے। STRAINER	
ARY/WASTE PIPE RE FEET _Y FIXTURE UNIT	\downarrow	PIPE FITTINGS	
LESS STEEL CE SINK CTURAL		← ► REDUCER/INCREASER	
CH DRAIN ERATURE			100% DESIGN SUBMISSION
MOSTATIC MIXING VALVE PRIMER TUBE		∠ — — — O ELBOW TURNED UP	1/22/2020
RED WATER AL		ELBOW TURNED DOWN	10
L PIPE		→ → TEE UP → ⇒ → TEE DOWN	9 8
THRU ROOF		► SHUT-OFF VALVE IN RISER	7
R CLOSET CLEANOUT			6
R DUT			4
			3
		PLUMBING - DRAWING LIST	2 1 03/05/2020 ADDENDUM #1
		SHEET DRAWING TITLE 1 MP0.1 PLUMBING GENERAL NOTES, SYMBOLS & ABBREVIATIONS	NO. DATE REVISION
		1 MP0.1 PLOMBING GENERAL NOTES, STMBOLS & ABBREVIATIONS 2 MPD1.1 PLUMBING FIRST FLOOR DEMOLITION PLAN 5 MP1.1 PLUMBING FIRST FLOOR NEW WORK PLAN	SCHOOL & LOCATION JOHN MARSHALL
BREVIATIONS MAY NOT APPEAR ON THE	NOTE: ALL SYMBOLS MAY NOT APPEAR ON THE DRAWING	38	ELEMENTARY SCHOOL
GS.			4500 GRISCOM STREET, PHILADELPHIA, PA 19124
JMBING FIXTURE SCHEDULE			
DESCRIPTION	MOUNTING GPF FLUSH VALVE. FLOOR	NOTESPLUMBING ROUGH-INSFLOOR MOUNTED 15" FROM FINISHED FLOOR TO TOP OF RIM. WATER SENSE LABLE COMPLIED FLUSH VALVE.CONNECT TO EXISTING ROUGH	
		ADA TYPE FIXTURE AND FAUCET. WATER SENSE LABEL COMPLIED FAUCET. CONNECT TO EXISTING ROUGH	MODERNIZATION
I EFFICIENCY,ADJUSTABLE TAIL PIECE 1.28 (" CENTERS, POP-UP DRAIN BODY WITH 1-1/4 ATE. TWO HANDLE WIDESPREAD FAUCET		FAUCET 3 HOLES ON 4" CENTERS, ADA COMPLIANT SINK AND FAUCET, WATER SENSE LABEL COMPLIED FAUCET.	
EFFICIENCY, ADJUSTABLE TAIL PIECE 1.28 (CENTERS, POP-UP DRAIN BODY WITH 1-1/4 ATE. TWO HANDLE WIDESPREAD FAUCET A STAINLESS STEEL SINK FLEXIBLE UNDERB CENTERS.	SSURE COMPENSATING AERATOR.	- CONNECT TO EXISTING ROUGH	
EFFICIENCY, ADJUSTABLE TAIL PIECE 1.28 (CENTERS, POP-UP DRAIN BODY WITH 1-1/4 ATE. TWO HANDLE WIDESPREAD FAUCET A STAINLESS STEEL SINK FLEXIBLE UNDERE CENTERS. AD HANDLES WITH FLOW RATE 1.5 GPM PRE IGERATED LIGHT GRAY GRANITE TYPE DRIN	SSURE COMPENSATING AERATOR.	FAUCET4 HOLES ON 4" CENTERS, ADA COMPLIANT SINK AND FAUCET_WATER SENSE LABEL COMPLIED FAUCET	
I EFFICIENCY,ADJUSTABLE TAIL PIECE 1.28 (CENTERS, POP-UP DRAIN BODY WITH 1-1/4 ATE. TWO HANDLE WIDESPREAD FAUCET A STAINLESS STEEL SINK FLEXIBLE UNDERE CENTERS. AD HANDLES WITH FLOW RATE 1.5 GPM PRE IGERATED LIGHT GRAY GRANITE TYPE DRIN	SSURE COMPENSATING AERATOR.	FAUCET4 HOLES ON 4" CENTERS, ADA COMPLIANT SINK AND FAUCET, WATER SENSE LABEL COMPLIED FAUCET. CONNECT TO EXISTING ROUGH	DRAWING TITLE
I EFFICIENCY,ADJUSTABLE TAIL PIECE 1.28 ("CENTERS, POP-UP DRAIN BODY WITH 1-1/4 ATE. TWO HANDLE WIDESPREAD FAUCET A STAINLESS STEEL SINK FLEXIBLE UNDERB CENTERS. AD HANDLES WITH FLOW RATE 1.5 GPM PRE RIGERATED LIGHT GRAY GRANITE TYPE DRIN	SSURE COMPENSATING AERATOR.		DRAWING TITLE PLUMBING GENERAL
HEATING CAPACITY	SSURE COMPENSATING AERATOR. IKING FOUNTAIN WALL ISTALLATION ON 6" - 12" CENTERS. DROP-IN UNIT HEATER SCHEDULE ELECTRICAL DATA	FAUCET, WATER SENSE LABEL COMPLIED FAUCET.	DRAWING TITLE PLUMBING GENERAL NOTES, SYMBOLS & ABBREVIATIONS
HEATING CAPACITY	SSURE COMPENSATING AERATOR. IKING FOUNTAIN WALL ISTALLATION ON 6" - 12" CENTERS. DROP-IN UNIT HEATER SCHEDULE		DRAWING TITLE PLUMBING GENERAL NOTES, SYMBOLS &
HEFFICIENCY, ADJUSTABLE TAIL PIECE 1.28 ("CENTERS, POP-UP DRAIN BODY WITH 1-1/4 ATE. TWO HANDLE WIDESPREAD FAUCET A STAINLESS STEEL SINK FLEXIBLE UNDERB CENTERS. AD HANDLES WITH FLOW RATE 1.5 GPM PRE RIGERATED LIGHT GRAY GRANITE TYPE DRIN S STEEL SINK FLEXIBLE UNDERBODY FOR IN HEATING CAPACITY FM KW	SSURE COMPENSATING AERATOR. IKING FOUNTAIN WALL STALLATION ON 6" - 12" CENTERS. DROP-IN UNIT HEATER SCHEDULE ELECTRICAL DATA /OLTS PHASE AMPS LENGTH 240 1 12.5 23-3/4"	FAUCET, WATER SENSE LABEL COMPLIED FAUCET. Image: Sense Label compliance label compliance. Image: Sense Label complicompliance. Image: Sense Label c	DRAWING TITLE PLUMBING GENERAL NOTES, SYMBOLS & ABBREVIATIONS

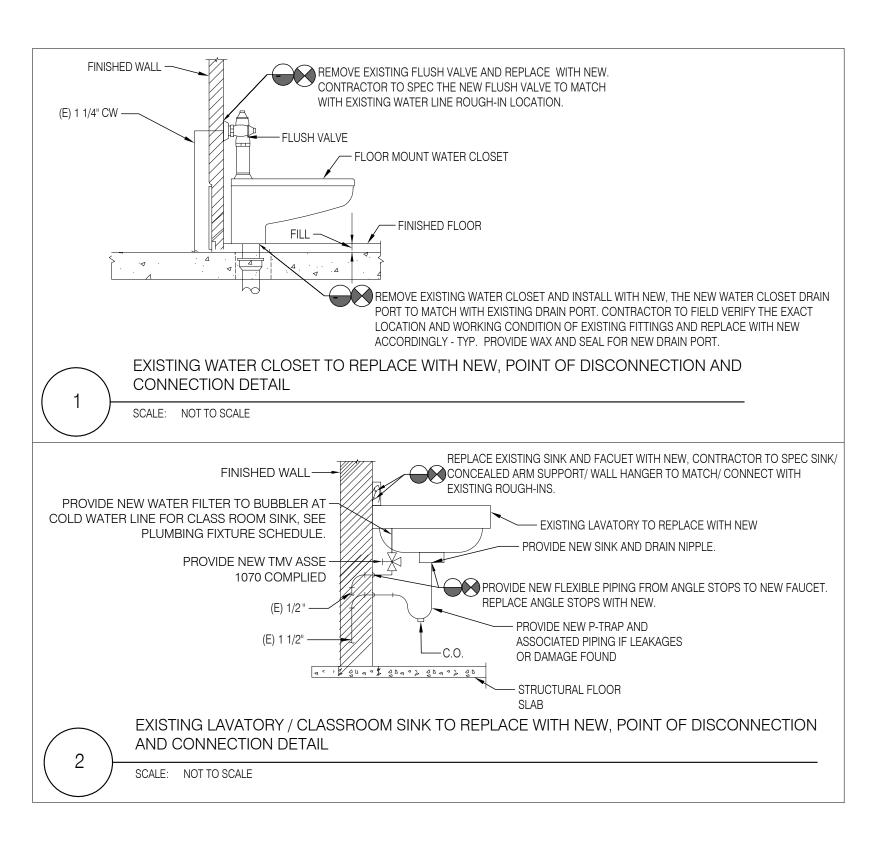


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	GENERAL NOTES
1.	ANY INTERRUPTIONS OF EXISTING SERVICES OR EQUIPMENT SHALL BE PERFORMED AT A TIME APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE SO AS NOT TO INTERFERE WITH THE
2.	BUILDING OPERATION. THESE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK. THE EXTENT OF DEMOLITION SHALL BE AS REQUIRED BY THE NEW WORK AND REMOVAL OF MATERIALS/COMPONENTS NOT
3.	REQUIRED FOR THE NEW AND RENOVATED SYSTEMS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PLUMBING FIXTURES AND EXACT SIZE AND LOCATION OF ALL EXISTING
4.	SERVICES PRIOR TO DEMOLITION. 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.
	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.
	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. PREPAIR 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. PREPAIR 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/WALL FLUSH/ ALL ASSOCIATED FITTINGS ARE
3.	COMPATIBLE WITH NEW FIXTURES. CONTRACTOR TO ADD/ TRIM ROUGH-INS TO FIT WITH NEW FIXTURES. EXISTING CLASSROOM SINK AND FAUCET TO BE REMOVED.
	PREPAIR 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/WALL 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. PREPAIR 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/WALL FLUSH/ ALL ASSOCIATED FITTINGS ARE
5.	COMPATIBLE WITH NEW FIXTURES. CONTRACTOR TO ADD/ TRIM ROUGH-INS TO FIT WITH NEW FIXTURES. REMOVE EXISTING BATHTUB AND SHOWER SET TO BE REMOVED.
	ONTRACTOR 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
6.	LEVEL BATHROOM FLOOR PER PROPOSED PLANS. EXISTING FLOOR DRAIN TO REMAIN, REPLACE GRATE WITH NEW, CONTRACTOR TO FIELD VERIFY THE LOCATION FOR FLOOR
7	DRAIN, FOR ANY LEAKAGES AND DAMAGE FOUND, FLOOR DRAIN TO REPLACE WITH NEW OF SAME MODEL. 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
9.	FLOOR TILL MAIN PIPING SUCH THAT NOT TO CREATE ANY DEAD LEGS. 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/
10.	BELOW FLOOR TILL MAIN PIPING SUCH THAT NOT TO CREATE ANY DEAD LEGS. 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 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

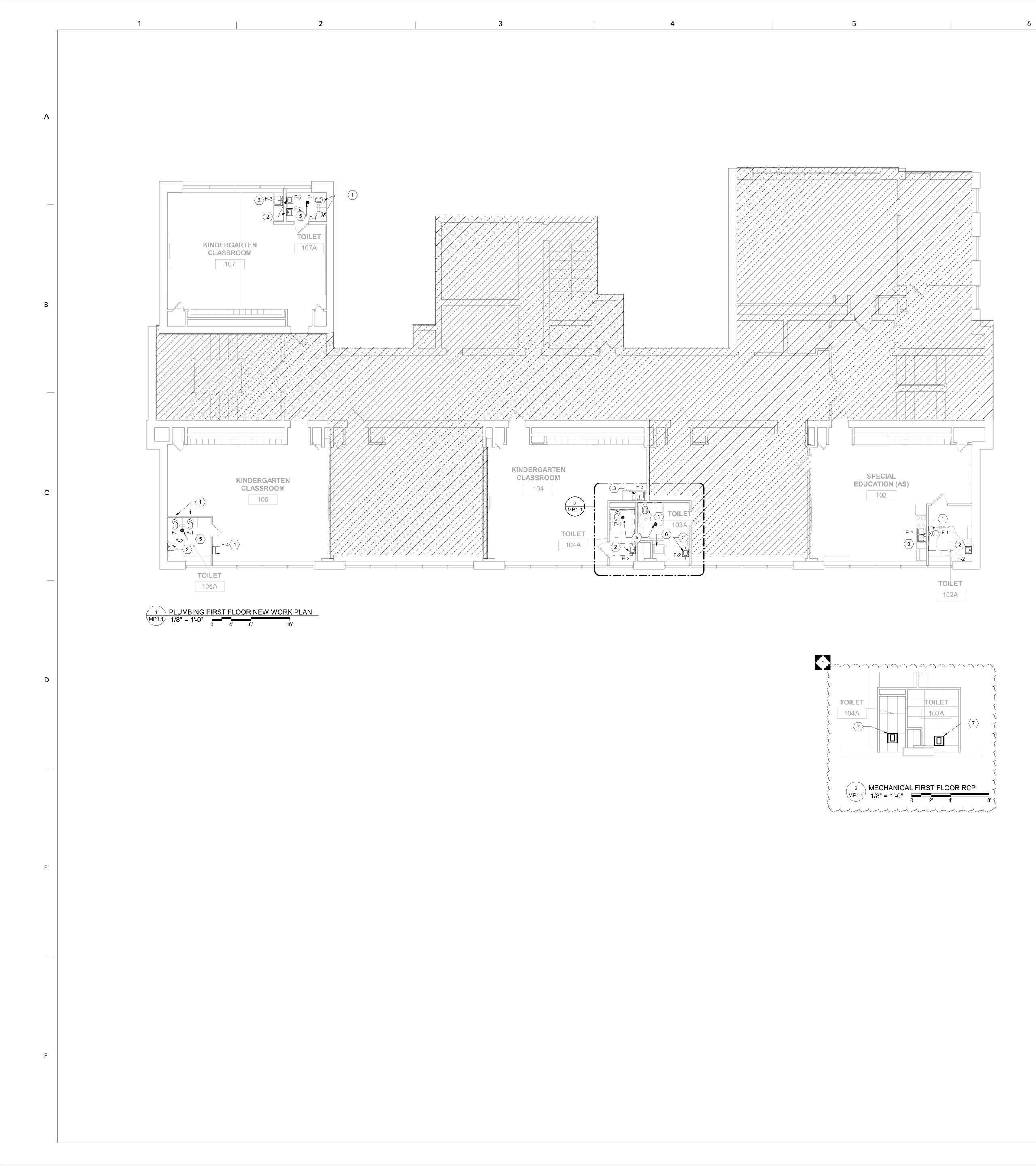


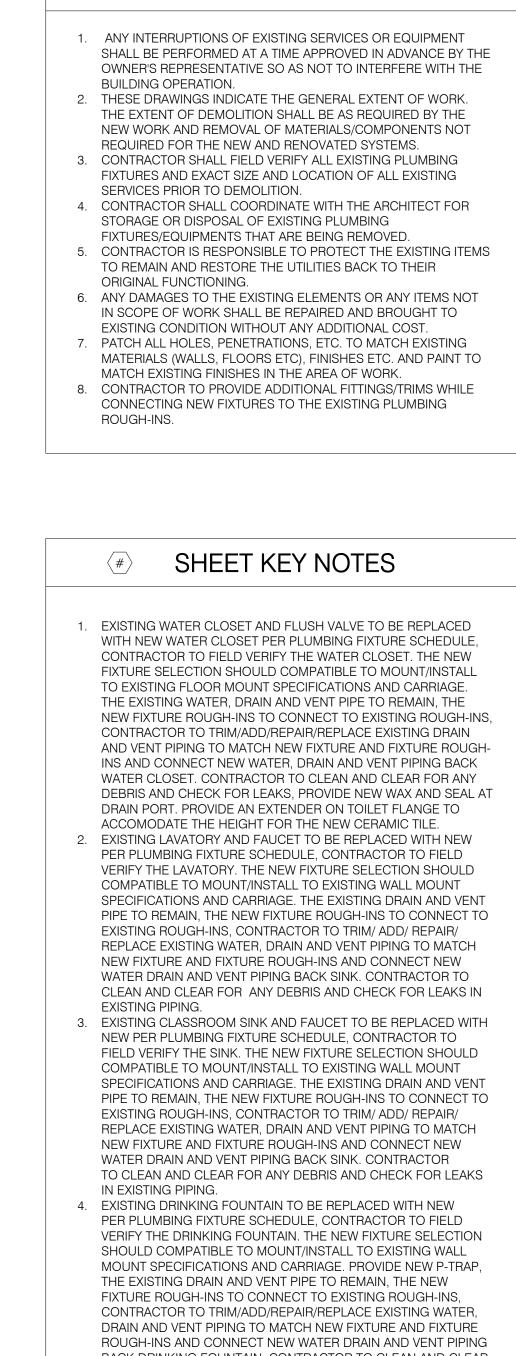
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PROFESSIONAL
ENGINEER
No. PEOBO402
MICHAEL A. LENTZ STATE AND LICENSE NO: PE080402
<u>ARCHITECT</u> CRABTREE, ROHRBAUGH & ASSOCIATES
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MEP ENGINEERS
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Attn: Deepak Ajjimane
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THE SCHOOL DISTRICT OF

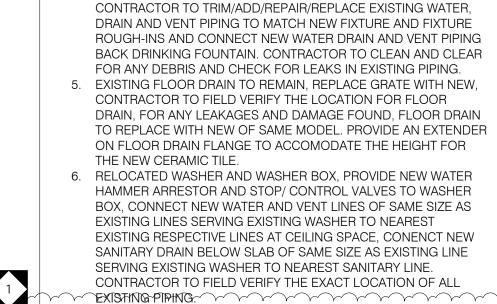
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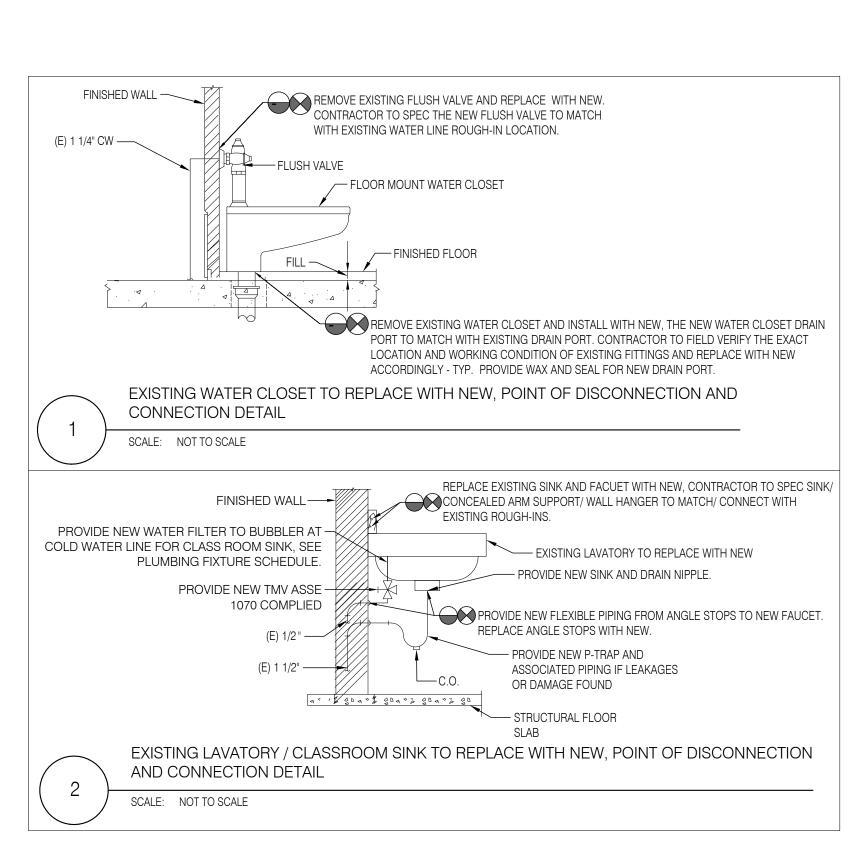


GENERAL NOTES

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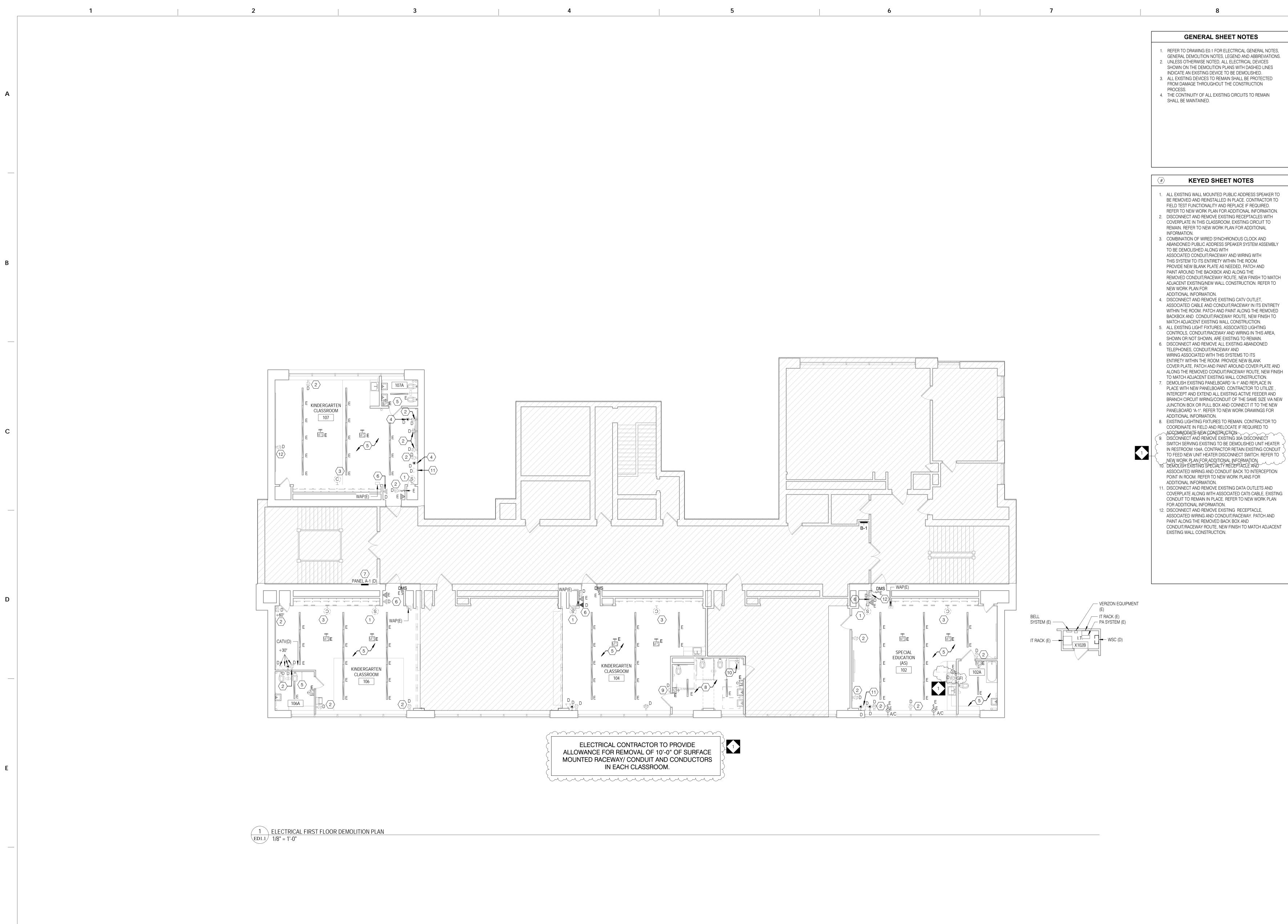
7. PROVIDE NEW BERKO MODEL FFCH542 HEATER IN POSITION SHOWN. REFER TO MP0.1 FOR UNIT HEATER SCHEDULE.



I.T. X102B

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	n: Jessie Harder
SET	TY 5 South Charles Street, Suite 403
Bal	ltimore, MD 21201 one: 667-309-6036
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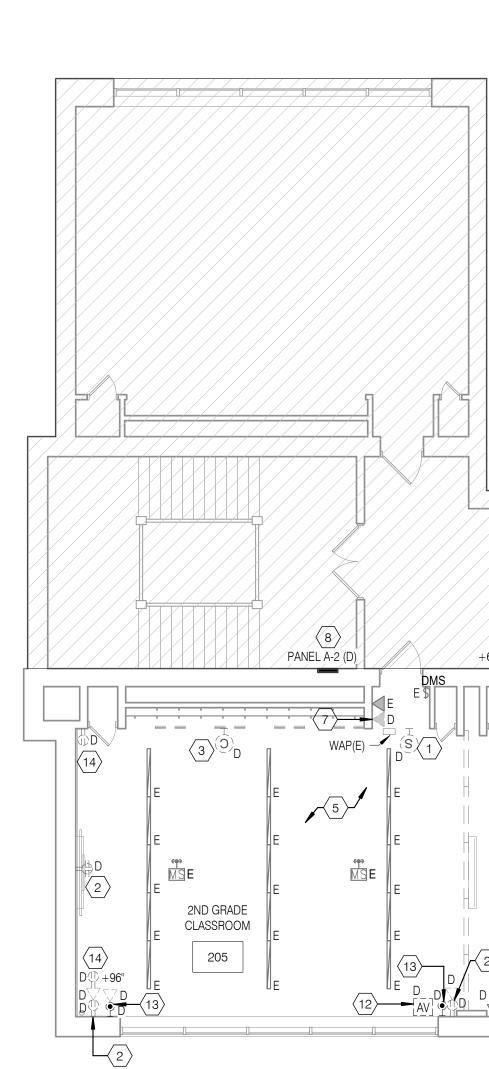


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THE SCHOOL DISTRICT OF

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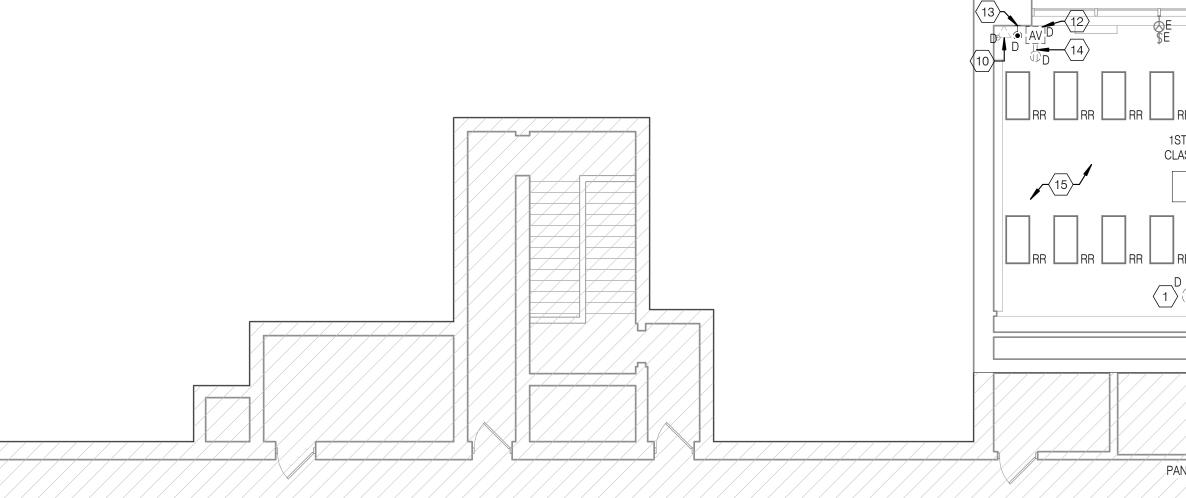
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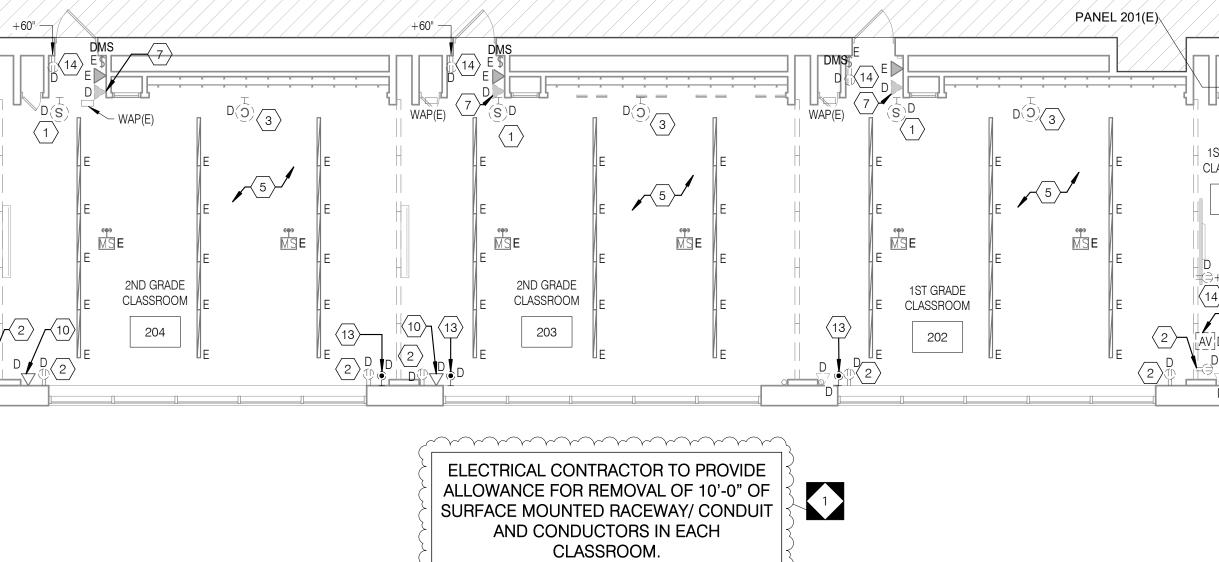
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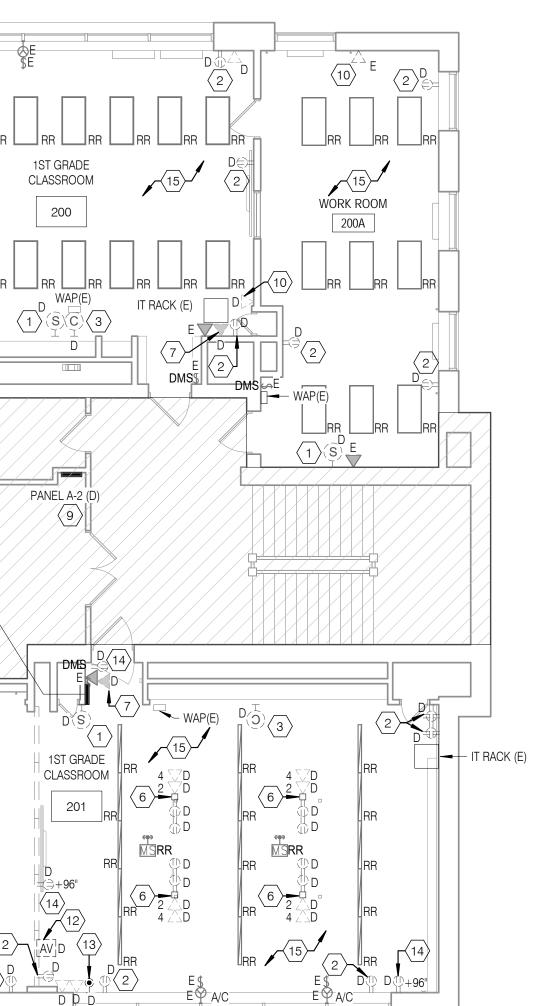
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1ELECTRICAL SECOND FLOOR DEMOLITION PLANED1.21/8" = 1'-0"





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								 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. 	
								 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 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 DEMOLISTIC ADDRESS 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 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 	
						RR		 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. 7. 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. 8. 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 	
					$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	RR RR RR 10 RR RR RR IT RACK (E) 10 RR RR RR RR 7 E 2 2 2 2 2 2 2 2 2 2		 JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD "A-2". REFER TO NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION. 9. 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. 10. 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. 11. DISCONNECT AND REMOVE EXISTING RECEPTACLE, ASSOCIATED WIRING AND CONDUIT/RACEWAY. PATCH AND 	
	8 ELA-2 (D) +60" E S DMS 7 (14) E S 7	+60"-			PANEL 201(E)			 PAINT ALONG THE REMOVED BACK BOX AND CONDUIT/RACEWAY ROUTE, NEW FINISH TO MATCH ADJACENT EXISTING WALL CONSTRUCTION. 12. 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. 13. DISCONNECT AND REMOVE EXISTING CATV OUTLET, ASSOCIATED CABLE AND CONDUIT/RACEWAY IN ITS ENTIRETY WITHIN THE ROOM. PATCH AND PAINT ALONG THE REMOVED BACK BOX 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. 	
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ELECTRICAL SECOND FLOOR DEMOLITION PLAN					
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DRAWING TITLE

PROJECT TITLE CLASSROOM MODERNIZATION

4500 GRISCOM STREET, PHILADELPHIA, PA 19124

SCHOOL & LOCATION JOHN MARSHALL ELEMENTARY SCHOOL

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1	03/05/2020	ADDENDUM #1
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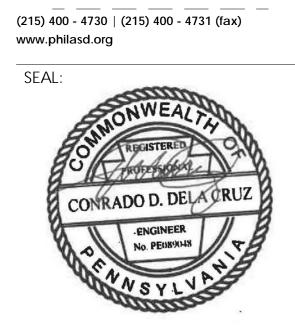
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MEP ENGINEERS

Email: jharder@cra-architects.com Attn: Jessie Harder

ARCHITECT CRABTREE, ROHRBAUGH & ASSOCIATES 401 E. Winding Hill Road Mechanicsburg, PA 17055 Phone: 717-458-0272

Conrad Dela Cruz State and License No: Pe089048

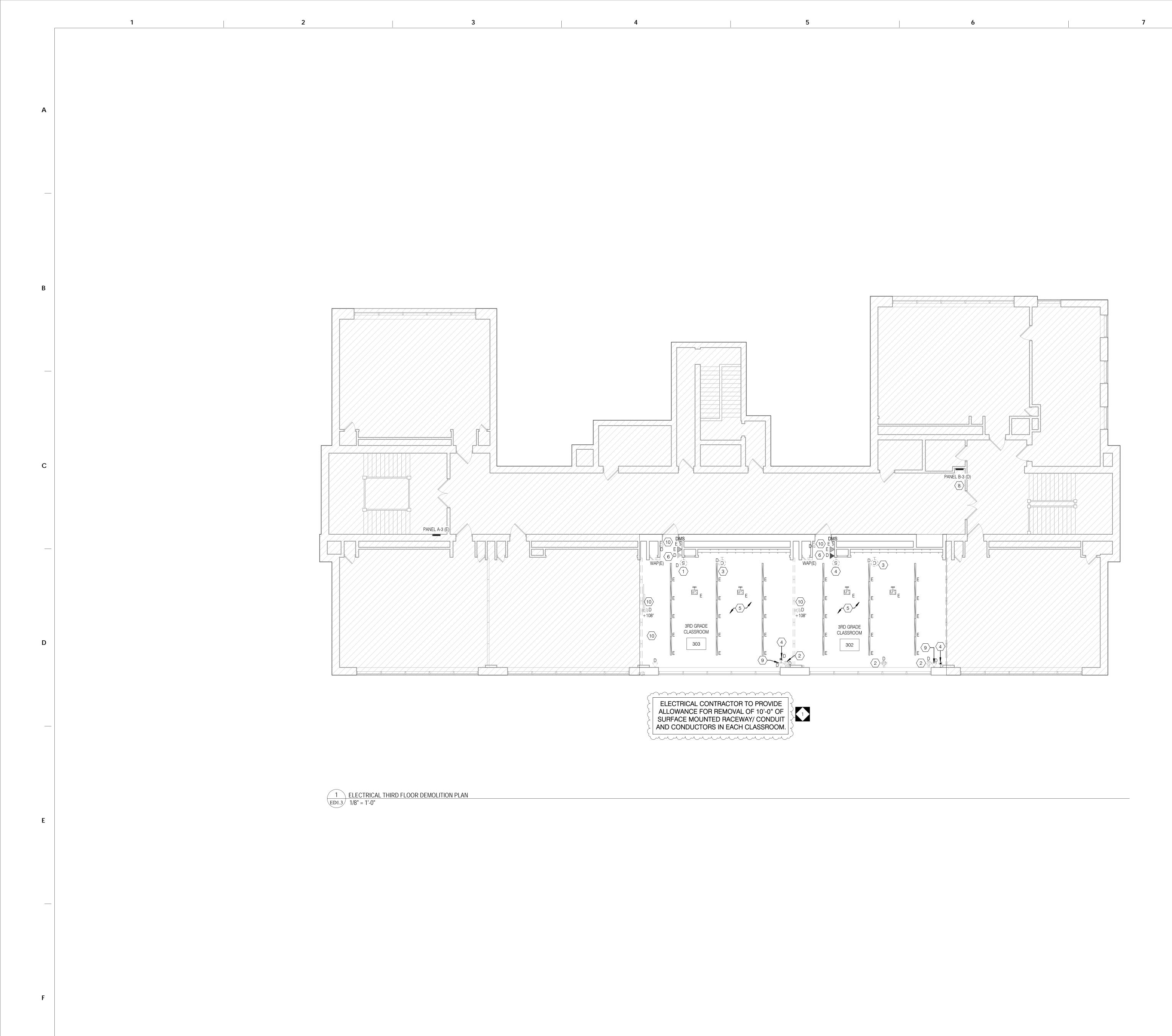


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440 NORTH BROAD STREET

PHILADELPHIA, PA 19130 - 4015

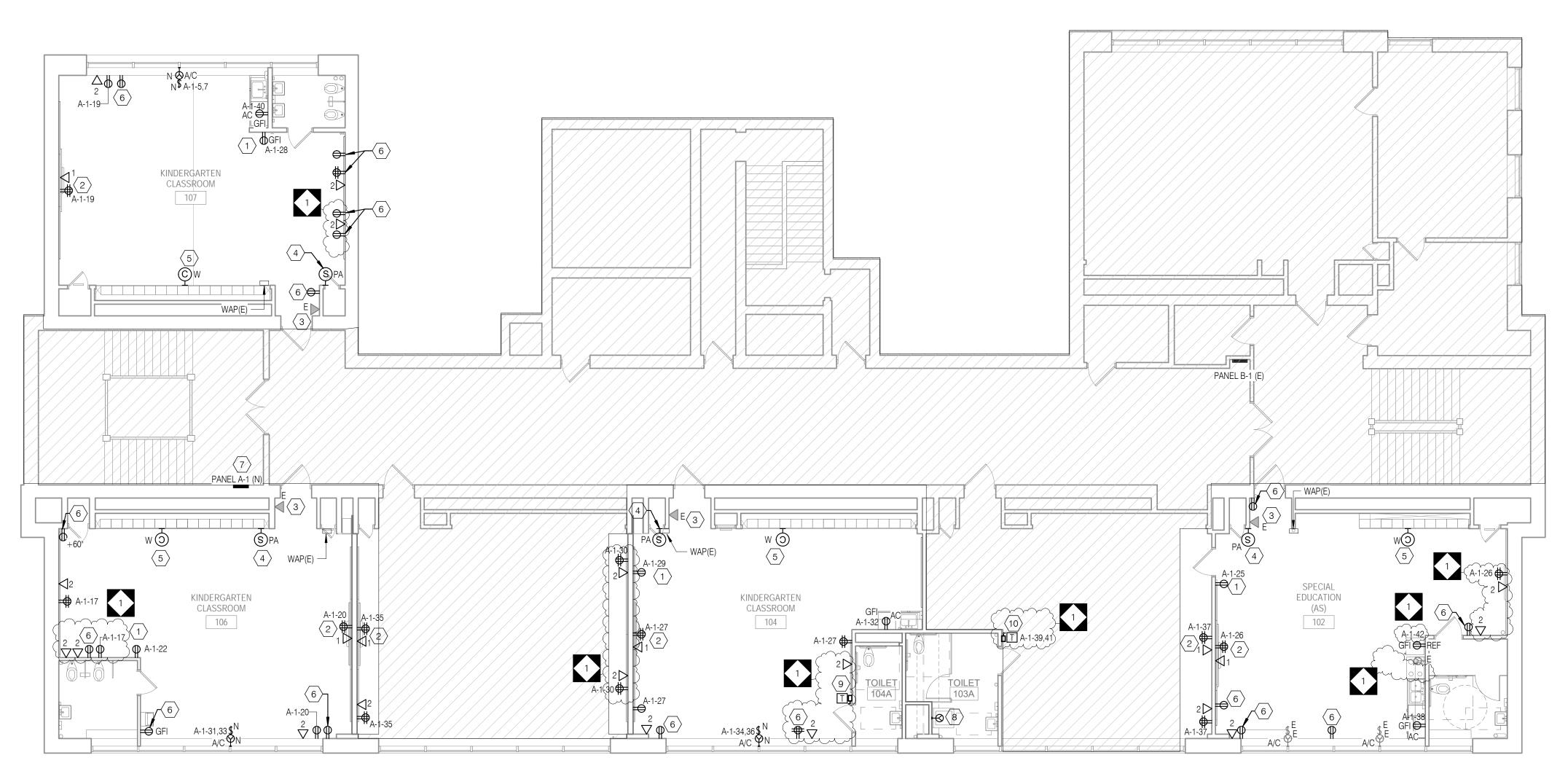


	GENERAL SHEET NOTES
	GENERAL DEMOLITION NOTES, LEGEND AND ABBREVIATIONS. UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES SHOWN ON THE DEMOLITION PLANS WITH DASHED LINES INDICATE AN EXISTING DEVICE TO BE DEMOLISHED. ALL EXISTING DEVICES TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.
#	KEYED SHEET NOTES
1.	ALL EXISTING WALL MOUNTED PUBLIC ADDRESS SPEAKER TO BE REMOVED AND REINSTALLED IN PLACE. CONTRACTOR TO
2.	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.
3.	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.
4.	
5.	
6. 7.	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
8.	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.
9.	DISCONNECT AND REMOVE EXISTING DATA OUTLETS AND COVERPLATE ALONG WITH ASSOCIATED CAT5 CABLE, EXISTING CONDUIT TO REMAIN IN PLACE. REFER TO NEW WORK PLAN

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	(215) 400 - 4730 (215) 400 - 4731 (fax) www.philasd.org
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)	ACCOUNTY -
1	CONRAD DELA CRUZ STATE AND LICENSE NO: PE089048
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4	Email: jharder@cra-architects.com Attn: Jessie Harder <u>MEP ENGINEERS</u>
,	SETTY 575 South Charles Street, Suite 403 Baltimore, MD 21201
	Phone: 667-309-6036 Email: deepak.at@setty.com Attn: Deepak Ajjimane
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1 ELECTRICAL FIRST FLOOR POWER PLAN E2.1 1/8" = 1'-0"

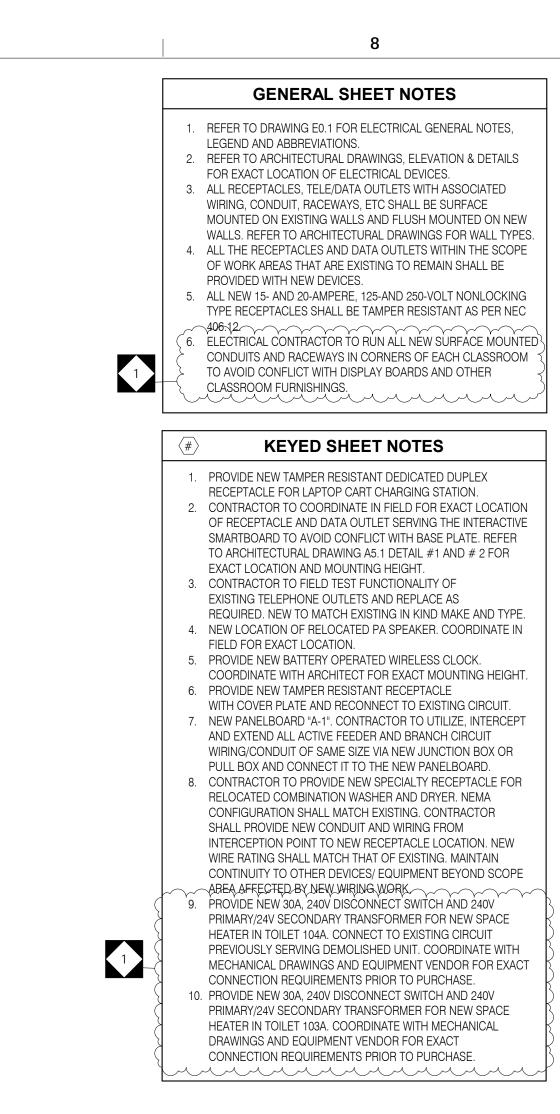
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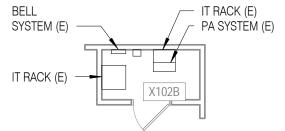
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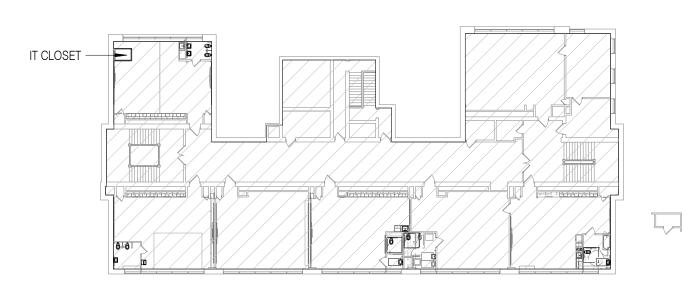
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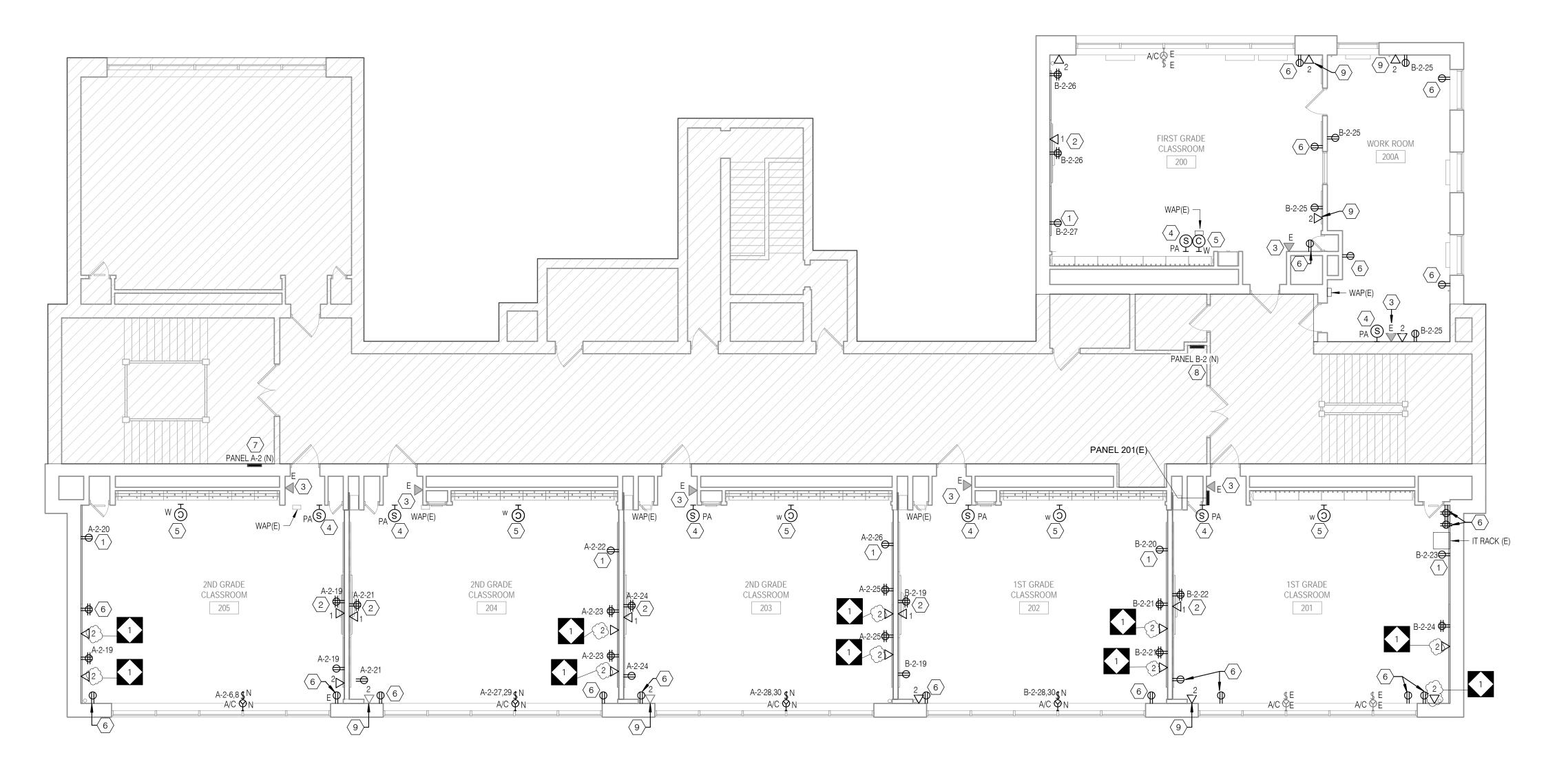


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BASEMENT LEVEL KEYPLAN

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1ELECTRICAL SECOND FLOOR POWER PLANE2.21/8" = 1'-0"

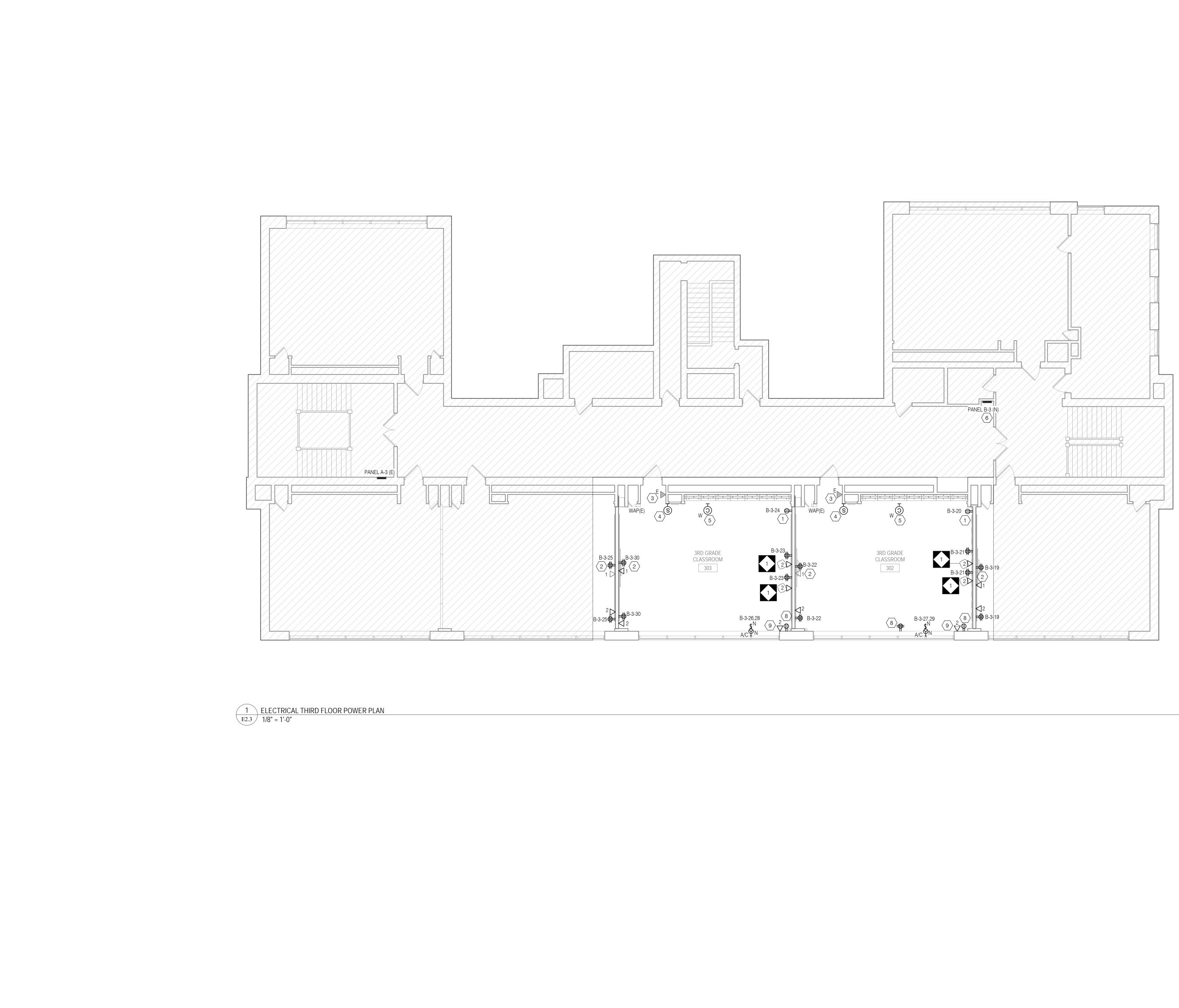
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	GENERAL SHEET NOTES
4	REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES,
1.	LEGEND AND ABBREVIATIONS.
2.	REFER TO ARCHITECTURAL DRAWINGS, ELEVATION & DETAILS
	FOR EXACT LOCATION OF ELECTRICAL DEVICES.
3.	ALL RECEPTACLES, TELE/DATA OUTLETS WITH ASSOCIATED
	WIRING, CONDUIT, RACEWAYS, ETC SHALL BE SURFACE
	MOUNTED ON EXISTING WALLS AND FLUSH MOUNTED ON NEW
	WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYP
4.	ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOP
	OF WORK AREAS THAT ARE EXISTING TO REMAIN SHALL BE
5	PROVIDED WITH NEW DEVICES. ALL NEW 15- AND 20-AMPERE, 125-AND 250-VOLT NONLOCKIN
5.	TYPE RECEPTACLES SHALL BE TAMPER RESISTANT AS PER NE
6.	ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUN
	CONDUITS AND RACEWAYS IN CORNERS OF EACH CLASSROO
}	TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER
(ر ر	CLASSROOM FURNISHINGS.
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$\langle \# \rangle$	KEYED SHEET NOTES
1.	PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX
0	RECEPTACLE FOR LAPTOP CART CHARGING STATION.
2.	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 A5.1 DETAIL #1 AND # 2 FOR
	EXACT LOCATION AND MOUNTING HEIGHT.
3.	CONTRACTOR TO FIELD TEST FUNCTIONALITY OF
	EXISTING TELEPHONE OUTLETS AND REPLACE AS
	REQUIRED. NEW TO MATCH EXISTING IN KIND MAKE AND TYPE
4.	NEW LOCATION OF RELOCATED PA SPEAKER. COORDINATE IN
-	FIELD FOR EXACT LOCATION.
5.	PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK.
6	COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT PROVIDE NEW TAMPER RESISTANT RECEPTACLE
6.	WITH COVER PLATE AND RECONNECT TO EXISTING CIRCUIT.
7.	NEW PANELBOARD "A-2". CONTRACTOR TO UTILIZE, INTERCEPT
1.	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.
8.	NEW PANELBOARD "B-2". CONTRACTOR TO UTILIZE, INTERCEPT
8.	
8.	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
	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.
	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

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CR/ 401 Me Pho Ema	CHITECT ABTREE, ROHRBAUGH & ASSOCIATES E. Winding Hill Road chanicsburg, PA 17055 one: 717-458-0272 ail: jharder@cra-architects.com h: Jessie Harder
SET	<u>P ENGINEERS</u> TY South Charles Street, Suite 403
Bali Pho Ema	timore, MD 21201 one: 667-309-6036 ail: deepak.at@setty.com
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	3. 4. 5.	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 A5.1 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.

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1/2 10 9 8 7 6 5 4 3 2 1 NO. SC JC EL 450 PH PR CI M PH DR EL PC PL	2/2020 2/2020 03/05/2020 DATE HOOL & DATE HOOL & DATE HOOL & DATE COLSECT COLS	ADDENDUM #1 REVISION LOCATION ARSHALL TARY SCHOOL COM STREET, PHIA, PA 19124 ITLE COM STREET, PHIA, PA 19124	DOR

THE SCHOOL DISTRICT OF

OFFICE OF CAPITAL PROGRAMS

440 NORTH BROAD STREET PHILADELPHIA, PA 19130 - 4015 (215) 400 - 4730 | (215) 400 - 4731 (fax) www.philasd.org

SEAL:

	1	2	3	4	5
					LOCA MOUN MAIN DE BUS A
Α					LOAD DESC RM 102 REC (E) RM 102 LGTS (E RM 103 BATH L0 RM 103 REC (E) RM 103 LGTS (E SPEECH LGTS (
					ICAD CLASSIF
					NOTES:
В					
					LOCAT MOUNT MAIN DEV BUS A
					LOAD DESC IMC (E) IMC (E) ROOM 201 (E) ROOM 201 (E) ROOM 201 REC
С					SPARE ROOM 201 REC EXISTING LOAD EXISTING LOAD REC RM 202 REC RM 202 REC LAPTOP C REC RM 200A,2
					REC LAPTOP C SPARE LOAD CLASSIF Other
					NOTES:
D					
E					
F					

PANELBOARD: B-1(E)

LOCATION: 1ST F MOUNTING: Surfac		C. RA	TING:	10K	120 V	13V	V									
MAIN DEVICE: 100 A BUS AMPS:	MLO				SPE	CIAL:										
LOAD DESCRIPTION	BKR	Р	скт	PHASE A kVA kVA		PHASE C kVA		скт	Р	BKR		ESCRIPTION				
RM 102 REC (E)	20 A	1	1	0.6	0.6					2	1	20 A	HALL LIGHT	HALL LIGHTS (E)		
RM 102 LGTS (E)	20 A	1	3			0.6	0.6			4	1	20 A	OFFICE REC	<u> </u>		
RM 103 BATH LGTS (E)	20 A	1	5					0.6	0.6	6	1	20 A		<u> </u>		
RM 103 REC (E)	20 A	1	7	0.6	0.6					8	1		PRINC. LGT			
RM 103 LGTS (E)	20 A	1	9			0.6	0.6			10	1		ASS. PRINC			
SPEECH LGTS (E)	20 A	1	11					0.6	0.6	12	1		E. STAIR LG			
RM 103 REC (E)	20 A	1	13	0.6	0.6					14	1		CAMERA SY			
OFFICE, NURSE LGTS (E)	20 A	1	15			0.6	0.6			16	1		A/C PRINC.	<u> </u>		
SPEECH REC (E)	20 A		17					0.6	0.6	18	1	20 A	A/C OFFICE	(E)		
			LOAD: AMPS:	4 kVA 30 A			4 kVA 30 A		4 kVA 30 A							
LOAD CLASSIFICATION	-		TED		EMAN	L		STIMATED PANEL TOTALS					S			
											C	ONNEC	TED LOAD:	10800 VA		
											EST	IMATE	D DEMAND:	10800 VA		
										C	ONN	ECTED	CURRENT:	30 A		
										ES	ST. DI	EMAND	CURRENT:	30 A		
NOTES																
NOTES:																

	PANELBOARD: B-2 (N)														ELB			A-2	• •				
LOCATION: 2ND FLOOR CORRIDORVOLTAGE: 240/120 V. 1 ø 3 W.MOUNTING: Recessed Type 1A.I.C. RATING: 10KMAIN DEVICE: 100 A MLOSPECIAL:BUS AMPS:SPECIAL:								LOCATION: 2ND FLOOR STAIRSVOLTAGE: 240/120 V. 1 ø 3 W.MOUNTING: Recessed Type 1A.I.C. RATING: 10KMAIN DEVICE: 100 A MLOSPECIAL:BUS AMPS:SPECIAL:															
		_	01/7		ASE A		SE B	0/7	_					_	0.7	PHAS		PHASE					
LOAD DESCRIPTION	BKR	Ρ	СКТ		VA	k\	VA	СКТ	P		ESCRIPTION	LOAD DESCRIPTION	BKR	Ρ	СКТ	kV		kVA	CK			-	ESCRIPTION
IMC (E)	20 A	1	1	0.6	0.6			2	1	20 A HALL (E)		RM 205 (E)	20 A	1	1	0.6	0.4		2	1		A HALL WEST	
IMC (E)	20 A	1	3			0.6	0.6	4	1	20 A IMC (E)		RM 205 (E)	20 A	1	3			0.6 0		1	20	A WOMENS TO	DILET (E)
ROOM 201 (E)	20 A	1	5	0.6	0.6			6	1	20 A IMC (E)		RM 203 (E)	20 A	1	5	0.6	0.5		6	_ 2	20	A AC OUTLET	205
ROOM 201 (E)	20 A	1	7			0.6	0.6	8	1	20 A ROOM 10 (E		RM 203 (E)	20 A	1	7			0.6 0					
ROOM 201 REC (E)	20 A	1	9	0.6	0.6			10	1	20 A ROOM 10 (E)	EXISTING LOAD	20 A	1	9	0.6	0.6		10			A RM 206 (E)	
SPARE	20 A	1	11			0.0	0.0	12	1	20 A SPARE		WATER COOLER (E)	20 A	1	11			0.5 0				A RM 206 (E)	
ROOM 201 REC. COMP. (E)	20 A	1	13	0.6	0.6			14	1	20 A IMC (E)		EXISTING LOAD	20 A	1	13	0.6	0.6		14			A EXISTING LC	
EXISTING LOAD	20 A	1	15			0.6	0.0	16	1	20 A SPARE		EXISTING LOAD	20 A	2	15			1.0 0				A EXISTING LC	DAD
EXISTING LOAD	20 A	1	17	0.6	0.6			18	1	20 A EXISTING LO				2	17	1.0	0.0		18			A RM 206 (E)	
REC RM 202	20 A	1	19			0.5	0.2	20	1	20 A REC LAPTO		REC RM 205	20 A	1	19			0.9 0	.2 20	1			P CHARGING 205
REC RM 202	20 A	1	21	0.7	0.4			22	1	20 A REC RM 201		REC RM 204	20 A	1	21	0.5	0.2		22	1			P CHARGING 204
REC LAPTOP CHARGING	20 A	1	23			0.2	0.4	24	1	20 A REC RM 201		REC RM 204	20 A	1	23			0.7 0	.5 24	1	20	A REC RM 203	
REC RM 200A,200	20 A	1	25	0.7	0.7			26	1	20 A REC RM 200		REC RM 203	20 A	1	25	0.7	0.2		26	1	20	A REC LAPTO	P CHARGING 203
REC LAPTOP CHARGING	20 A	1	27			0.2	0.5	28	- 2	20 A AC OUTLET	202	AC OUTLET 204	20 A	2	27			0.5 0			20	A AC OUTLET	202
SPARE	20 A	1	29	0.0	0.5			30			202	AC OUTLET 204	20 A	Z	29	0.5	0.5		30	2	20	A AC OUTLET	203
	1	OTAL	LOAD): 10	kVA	6 k	kVA			· ·			٦	OTAL	LOAD	9 kV	A	9 kVA		·		·	
	٦	OTAL	AMPS	3: 8	5 A	51	1 A]					Т	OTAL	AMPS	73	4	78 A					
LOAD CLASSIFICATION	CONN	IECTE	D	DEMA	ND	EST	IMATE	D		PANEL TOTAL	.S	LOAD CLASSIFICATION	CONN	IECTE	D	DEMAN	D	ESTIM/	TED			PANEL TOTAL	.S
Other	100	08 VA		100.0	0%	10	008 VA					Other		24 VA		100.00%	'n	3024	VA				
					- / •					CONNECTED LOAD:	19968 \/A		502				-				CON	INECTED LOAD:	21124 \/A
										STIMATED DEMAND:												ATED DEMAND:	
										NNECTED CURRENT:												TED CURRENT:	
									EST.	DEMAND CURRENT:	83 A									EST	. DEM	AND CURRENT:	88 A
NOTES:												NOTES:	1						1				r

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LOAD DESCRIPTION	BKR	POLES	скт		SE A VA	PHA k\	SE B /A	скт	POLES	BKR	
RM 4 (E)	20 A	1	1	0.3	0.3			2	1	20 A	
RM 4 (E)	20 A	1	3			0.3	0.3	4	1		RM 5 (E)
			5	0.5	0.3			6	1		RM 7 (E)
AC OUTLET RM 107	20 A	2	7			0.5	0.3	8	1		RM 7 (E)
HALL (E)	20 A	1	9	0.3	0.3			10	1		NURSE (E)
ELECTRIC WATER HEATE	20 A	1	11			0.3	0.3	12	1	20 A	FIRE TOWERS (E)
W. STAIRS (E)	20 A	1	13	0.3	0.3			14	1	20 A	EXISTING LOAD
EXISTING LOAD	20 A	1	15			0.3	0.3	16	1	20 A	W. STAIRS (E)
REC RM 106	20 A	1	17	0.5	0.4			18	1		RM. 105 (E)
REC RM 107	20 A	1	19			0.5	0.5	20	1	20 A	REC RM 106
REC RM 105	20 A	1	21	0.5	0.2			22	1	20 A	REC LAPTOP CHARG
REC LAPTOP CHARGING	20 A	1	23			0.2	0.7	24	1	20 A	REC RM 105
REC LAPTOP CHARGING	20 A	1	25	0.2	0.7			26	1	20 A	REC RM 102
REC RM 103	20 A	1	27			0.9	0.2	28	1	20 A	REC LAPTOP CHARG
REC LAPTOP	20 A	1	29	0.2	0.7			30	1	20 A	REC RM 105
AC OUTLET RM 106	20 A	2	31			0.5	0.2	32	1	20 A	REC RM 104
AC OUTLET RM 106	20 A	2	33	0.5	0.5			34	2	20 A	AC OUTLET RM 104
REC.RM.105	~20-A~	$\sim 1 \sim$.35,./	\sim		0.7	0.5	36	2	20 A	AC OUTLET RIVI 104
REC RM 103	20 A	1	37	0.7	30,2	\sim	\sim	_38_		20 A	MICROWAVE ROOM 1
SPACE HEATER RM 103A	30 A	2	39			1.5	0.2	40	1	20 A	REC RM 107
STACE HEATER RM 103A			41	1.5	0.2			42	1	20 A	REF RM 102
	~~~	TOTAL				~101					
		TOTAL A			5 A		Ϋ́Α				
LOAD CLASSIFICATION	CON			DEMAND		ESTI	MATE	וכ		PA	NEL TOTALS

PANELBOARD: A-1 (N)

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NOTES:

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			_	 PHASE A	PHASE B	
AMPS:						
EVICE:	100 A M	LO		SPECIAL:		
			•	 		

	PANEL	BOARD:	<b>B-3</b> (N)
LOCATION:	3RD FLOOR CORRIDOR	VOLTAGE:	240/120 V. 1 ø 3 W.
MOUNTING:	Surface Type 1	A.I.C. RATING:	10K
MAIN DEVICE:	100 A MLO	SPECIAL:	
BUS AMPS:			

		_			_	_	_					
LOAD DESCRIPTION	BKR	Р	СКТ		A	E	3	BKR		ESCRIPTION		
RM 300 REC (E)	20 A	1	1	0.6	0.0			20 A	RM 302 LGTS	(E)		
RM 300 LGTS (E)	20 A	1	3			0.6	0.6	20 A	EXISTING LOA	AD		
RM 301 REC (E)	20 A	1	5	0.6	0.6			20 A	RM 300A LGT	S + REC. (E)		
RM 301 LGTS (E)	20 A	1	7			0.6	0.6	20 A	RM 300A REC	(E)		
HALLWAY LIGHTS (E)	20 A	1	9	0.6	0.0			20 A	BOYS LGTS (E)			
CLOSET LIGHTS (E)	20 A	1	11			0.6	0.6	20 A	RM 302 REC (	E)		
EXISTING LOAD	20 A	1	13	0.4	0.0			20 A	EXISTING LOA	EXISTING LOAD		
EXISTING LOAD	20 A	1	15			0.6	0.6	20 A	EXISTING LOAD			
EXISTING LOAD	20 A	1	17	0.6	0.0			20 A	EXISTING LOAD			
REC RM 301	20 A	1	19			0.7	0.2	20 A	<b>REC LAPTOP CHARGING 302</b>			
REC RM 302	20 A	1	21	0.7	0.0			20 A	REC RM 302			
REC RM 303	20 A	1	23			0.7	0.2	20 A	<b>REC LAPTOP</b>	CHARGING 303		
REC RM 304	20 A	1	25	0.7	0.5			20.4	AC OULET RM 303			
	20.4		27			0.5	0.5	20 A	AC OULET RI	1 303		
AC OUTLET 302	20 A	2	29	0.5				20 A	<b>REC RM 303</b>			
		TOTA	L LOAD:	11	kVA	9 k	VA					
		ΤΟΤΑ	L AMPS:	89	9 A	73	B A	-				
LOAD CLASSIFICATION	CONNEC	CTED	DEMA	ND	ESTIM	ATED			PANEL TOTAL	S		
Other	2016 \	VA 🛛	100.00	0%	2016	6 VA						
								CONN	ECTED LOAD:	23096 VA		
								ESTIMA	TED DEMAND:	23096 VA		
							CONNECTED CURRENT: EST. DEMAND CURRENT:			96 A		
										96 A		

NOTES:

		PANEL BOARD SCHEDULE NOTES		
		1. TURN ALL SPARE CIRCUIT BREAKERS TO "OFF" POSITION AT COMPLETION OF WORK.		
		<ol> <li>PROVIDE TYPED SCHEDULE FOR PANEL BOARDS UTILIZED AT COMPLETION OF PROJECT INDICATING ACTUAL AS-BUILT CONDITIONS.</li> </ol>	2.	Τ
		3. NEW CIRCUIT BREAKER (IF PROVIDED) MUST BE COMPATIBLE WITH EXISTING PANELBOARD (UL LISTED, MANUFACTURED BY THE PANELBOARD MANUFACTURER AND WHICH HAVE AN AIC RATING TO MATCH THE EXISTING PANEL RATING).		ЗY
ANELS		4. ALL SPARE CIRCUIT BREAKERS NUMBER MADE AVAILABLE AFTER DEMOLITION ARE BASED ON THE EXISTING DOCUMENTS AND MAY BE INACCURATE. THE ACTUAL CIRCUIT NUMBERS		NTS
'B-1"	"A-1"	MAY BE DIFFERENT AND SHALL BE VERIFIED IN FIELD DURING CONSTRUCTION.		G
'B-2"	"A-2"	5. PROVIDE ARC FLASH WARNING LABELS FOR ALL NEW PANEL BOARDS.		L.
-	"B-3"			

KEY PANELS										
-	"B-1"	"A-1"								
-	"B-2"	"A-2"								
-	-	"B-3"								

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SCHEDULE	S		
OCATION NO.		FILE NO.	
RAWN BY		CHECKED BY	
NRS		DAT	
B-031C B-033C	OF OF	2019 / 2020 2019 / 2020	
DRAWING NC	).		
E6.1			
	18	3	

# DRAWING TITLE ELECTRICAL PANEL

# PROJECT TITLE CLASSROOM MODERNIZATION

4500 GRISCOM STREET, PHILADELPHIA, PA 19124

## SCHOOL & LOCATION JOHN MARSHALL ELEMENTARY SCHOOL

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1	03/05/2020	ADDENDUM #1
Ю.	DATE	REVISION

100% DESIGN SUBMISSION 1/22/2020

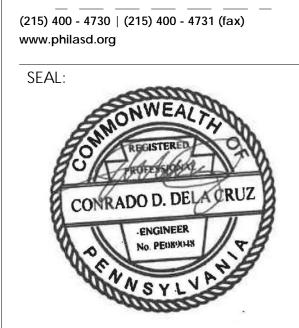
SETTY 575 South Charles Street, Suite 403 Baltimore, MD 21201 Phone: 667-309-6036 Email: deepak.at@setty.com Attn: Deepak Ajjimane

MEP ENGINEERS

CRABTREE, ROHRBAUGH & ASSOCIATES 401 E. Winding Hill Road Mechanicsburg, PA 17055 Phone: 717-458-0272 Email: jharder@cra-architects.com Attn: Jessie Harder

ARCHITECT

Conrad Dela Cruz State and License No: Pe089048





OFFICE OF CAPITAL PROGRAMS

440 NORTH BROAD STREET PHILADELPHIA, PA 19130 - 4015

## Lead Safe Certification for J Marshall ES

## Name of Inspector: Charles Rhodes Inspection Dates: through **Inspection Company: Batta Environmental** ULCS# 7360 Primary Student/ Component Primary Teacher Description of Component XRF Description of Paint Primarv Occupied Component (see Substrate **Primary Damage** Damage Quantity XRF Reading (positive/ Additional Component (see and Plaster Damage ULCS# **On-Site Room Name** (ves/no) Material Color (see terms) (mg/cm2) Substrate Material Color (see terms) terms) (sf) negative) terms) 7360 Roof N/A 7360 306 N/A 7360 306 N/A 7360 306 N/A 7360 306 N/A 7360 306 N/A 7360 Attic over Classroom 306 N/A 7360 Attic over Classroom 306 N/A 7360 Attic over Classroom 306 N/A 7360 Attic over Classroom 306 N/A 7360 Attic over 3rd Floor (Main Attic) N/A 7360 Attic over 3rd Floor (Main Attic) N/A Attic over 3rd Floor (Main Attic) N/A N/A N/A N/A N/A 7360 N/A N/A N/A N/A N/A N/A 7360 Attic over 3rd Floor (Main Attic) N/A 7360 Attic over 3rd Floor (Main Attic) N/A 7360 Attic over 3rd Floor (Main Attic) N/A 7360 Hallway W3 Plaster White Moisture Damage 35 4.7 Positive Radiator Meta Grey Flaking 7360 Hallway W3 Plaster Tan Moisture Damage 15 13.3 Positive N/A N/A N/A N/A 7360 Hallway White N/A N/A Ceilina Plaster Moisture Damage 30 27.4 Positive N/A N/A 7360 Hallway N/A 7360 Hallway N/A 7360 Hallway N/A 7360 Hallway 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 White 30 0.7 N/A N/A 7360 Stairwell outside Classroom 306 W3 Plaster Moisture Damage Negative N/A N/A 7360 Stairwell outside Classroom 306 W4 White Moisture Damage 30 Plaster 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 Negative 7360 Stairwell outside Classroom 306 W2 Plaster Tan Moisture Damage 100 0.1 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 Ceilina 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 0.2 N/A 7360 10 N/A N/A N/A N/A Stairwell outside Classroom 306 Trim Wood Brown Chipping 7360 Stairwell outside Classroom 306 23 1.9 Baseboard Wood Blue Chipping 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 Metal 24 N/A N/A N/A N/A N/A Stair Riser Blue Chipping 6.8 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 Blue 20 10.3 Brown Stairwell outside Classroom 301 W3 Metal Chipping N/A Window sill Wood Chipping 7360 W3 Stairwell outside Classroom 301 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 Ballasts Metal Blue Chipping N/A 7360 Stairwell outside Classroom 301 N/A 7360 Classroom 300 W1 N/A N/A N/A N/A N/A N/A Metal Door Frame 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	IN/A	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 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	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 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	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	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 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	N/A N/A	N/A N/A	N/A
7360	Boy's Restroom outside Classroom 302	W1	Plaster	Tan	Cracking	2	0.4	IN/A	Door Frame	Wood	Brown	Chipping
7360	Boy's Restroom outside Classroom 302	W1 W2	N/A	N/A	N/A	 N/A	N/A	N/A	Radiator	Metal	Silver	Chipping
7360	Boy's Restroom outside Classroom 302	W2 W4	Plaster	Tan	Cracking	2	0.6	IN/A	Baseboard	Wood	Brown	Chipping
7360	Boy's Restroom outside Classroom 302	W4 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 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 N/A	N/A	N/A	N/A N/A	N/A N/A
7360	Boy's Restroom outside Classroom 302 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 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	N/A	N/A N/A
7360	Custodial Closet outside Classroom 300 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 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	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
7360				N/A N/A			-	1 1				
7360	Custodial Closet outside Classroom 300 Classroom 301	N/A W1	N/A Disstor		N/A Chipping	N/A 2	N/A 7.2	N/A N/A	N/A Door Frame	N/A Metal	N/A Brown	N/A Chinping
7360	Classroom 301	W1	Plaster Plaster	Tan Tan	Chipping Alligatoring	20	25.1	N/A N/A	Door Casing	Metal	Brown Tan	Chipping Chipping
7360	Classroom 301	W1	N/A	N/A	N/A	N/A	25.1 N/A	N/A N/A	Baseboard	Wood	Brown	
				Tan	N/A Moisture Damage	20	N/A 26	N/A N/A	N/A	N/A	N/A	Chipping N/A
7360	Classroom 301	Ceiling W3	Plaster N/A	N/A	N/A	20	28 N/A	N/A N/A				
7360	Classroom 301	-				<u>N/A</u> 3	-0.2		Window sill	Wood	Brown	Chipping
7360	Classroom 302	W3 W1	Plaster	Tan	Flaking	2	-0.2	Negative	N/A	N/A	N/A	N/A
7360	Classroom 302		Plaster	Tan	Flaking		-0.3	Negative	Door Frame	Metal	Tan	Friction
7360 7360	Classroom 302 Classroom 302	W1 W1	Plaster Wood	Tan Tan	Cracking Flaking	10 1	0.2	Positive Negative	Door Casing N/A	Wood N/A	Brown N/A	Friction N/A
7360	Classroom 302	W1 W2	Wood	Tan	, , , , , , , , , , , , , , , , , , ,	5	-0.2		N/A N/A	N/A N/A	N/A N/A	N/A N/A
		N/A		N/A	Flaking N/A	N/A	-0.2 N/A	Negative N/A	N/A	N/A	N/A N/A	N/A N/A
7360	Classroom 302		N/A									
7360 7360	Classroom 302 Classroom 302	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
7360	Classroom 302 Custodial Closet outside Classroom 302	W4	Plaster	Tan	Cracking	12	-0.1					
7360	Custodial Closet outside Classroom 302 Custodial Closet outside Classroom 302	Ceiling	Plaster	Tan	Cracking	12	-0.1	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	W3	Plaster	Tan	Cracking	10	-0.1	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	-0.1 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	N/A
7360	Classroom 303	W1	Plaster	Tan	Cracking	6	18.6	N/A N/A	Baseboard	Wood	Brown	Cracking
7360	Classroom 303	W1	N/A	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	N/A N/A	N/A N/A	N/A N/A	Door Frame Door Casing	Wood	Brown	Friction
7360	Classroom 303	W3	Plaster	Tan	Cracking	3	-0.1	N/A N/A	Window Sill	Wood	Brown	Flaking
7360	Classroom 303	W3	N/A	N/A	N/A		-0.1	N/A N/A	Window Sill	Wood	Brown	Flaking
7360	Classroom 303	W3	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	Window Apron Window Casing	Wood	Brown	Flaking
7360		W3		Tan	Cracking	3	-0.1	N/A N/A	0	N/A		N/A
1360	Classroom 303	۷۷3	Plaster	ian	Cracking	3	-0.1	N/A	N/A	N/A	N/A	N/A

7360	Classroom 303	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Women's Staff Restroom outside Classroom 304	Ceiling	Plaster	White	Moisture Damage	15	0.2	N/A	N/A	N/A	N/A	N/A
7360	Women's Staff Restroom outside Classroom 304	W1	Plaster	White	Moisture Damage	10	0.1	N/A	Door Frame	Metal	Brown	Friction
7360	Women's Staff Restroom outside Classroom 304	W1			J J	N/A	N/A	N/A	Door Casing	Wood	Brown	Friction
7360	Women's Staff Restroom outside Classroom 304	W2	Plaster	White	Moisture Damage	100	-0.1	N/A	Radiator	Metal	Grey	Flaking
7360	Women's Staff Restroom outside Classroom 304	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Pipe	Metal	White	Flaking
7360	Women's Staff Restroom outside Classroom 304	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Women's Staff Restroom outside Classroom 304	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Women's Staff Restroom outside Classroom 304	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 304	W1	Plaster	Tan	Cracking	10	23.4	N/A	Door Frame	Metal	Tan	Friction
7360	Classroom 304	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Casing	Wood	Brown	Friction
7360	Classroom 304	W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Cracking
7360	Classroom 304	W3	N/A	N/A	N/A	N/A	N/A	N/A	Window Sill	Wood	Brown	Flaking
7360	Classroom 304	W3	N/A	N/A	N/A	N/A	N/A	N/A	Window Apron	Wood	Brown	Flaking
7360	Classroom 304	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 304	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 304	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 304	W3	Plaster	Tan	Moisture Damage	30	20.7	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 304	W4	Plaster	Tan	Cracking	2	13.8	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 304	W1	Sheetrock	Tan	Cracking	1	0.1	N/A	Door Frame	Metal	Brown	Friction
7360	Custodial Closet outside Classroom 304	W2	Plaster	Tan	Moisture Damage	15	16.7	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 304	W3	Plaster	Black	Moisture Damage	8	11.5	N/A	Baseboard	Wood	Tan	Cracking
7360	Custodial Closet outside Classroom 304	W2	Plaster	Black	Moisture Damage	2	19.2	N/A	N/A	N/A	N/A	N/A
7360	Classroom 305	W1	Plaster	Tan	Cracking	6	22.2		coat hook trim	Wood	Tan	Cracking
7360	Classroom 305	W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Cracking
7360	Classroom 305	W1	N/A	N/A	N/A	N/A	N/A	N/A	coat nook door	Wood	Tan	Chipping
7360	Classroom 305	W1	Plaster	White	Flaking	5	27.1		Door Casing	Wood	Brown	Flaking
7360	Classroom 305	W3	N/A	N/A	N/A	N/A	N/A	N/A	Window Apron	Wood	Brown	Flaking
7360	Classroom 306	W1	Plaster	Tan	Flaking	7	15.2		floor in coat nook	Wood	Brown	Cracking
7360	Classroom 306	W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Cracking
7360	Classroom 306	W1	N/A	N/A	N/A	N/A	N/A	N/A	coat hook trim	Wood	Tan	Cracking
7360	Classroom 306	W1	Plaster	White	Flaking	8	21.8		Door Frame	Metal	Tan	Friction
7360	Classroom 306	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Casing	Wood	Brown	Friction
7360	Classroom 306	W3	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 306 Closet	W4	Wood	Tan	Flaking	10	0.2	Negative	N/A	N/A	N/A	N/A
7360	Classroom 306 Closet	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door	Wood	Tan	Flaking
7360	Classroom 306 Closet	W1	N/A	N/A	N/A	N/A	N/A	N/A	Frame	Wood	Tan	Flaking
7360	Classroom 306 Closet	W1	N/A	N/A	N/A	N/A	N/A	N/A	Shelf	Wood	Tan	Flaking
7360	Fire Tower Stairwell outside Classroom 303	Ceiling	Concrete	White	Flaking	250	40	N/A	N/A	N/A	N/A	N/A
7360	Fire Tower Stairwell outside Classroom 303	W2	Brick	White	Flaking	6	0.1	N/A	N/A	N/A	N/A	N/A
7360	Fire Tower Stairwell outside Classroom 303	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Header	Metal	White	Flaking
7360	Fire Tower Stairwell outside Classroom 303	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Handrail	Metal	Grey	Flaking
7360	Fire Tower Stairwell outside Classroom 303	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Riser	Metal	Grey	Flaking
7360	Fire Tower Stairwell outside Classroom 303	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Window apron	Concrete	Grey	Flaking
7360	Fire Tower Stairwell outside Classroom 303	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Window header	Concrete	Grey	Flaking
7360	Stairwell outside Classroom 206	W4	N/A	N/A	N/A	N/A	N/A	N/A	Newel posts	Metal	Blue	Chipping
7360	Stairwell outside Classroom 206	W2	Plaster	Tan	Cracking	5	18.3	N/A	N/A	N/A	N/A	N/A
7360	Stairwell outside Classroom 206	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 206	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 206	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 201	W4	N/A	N/A	N/A	N/A	N/A	N/A	Newel posts	Metal	Blue	Chipping
7360 Stairwell outside Classroom 201	W3	Plaster	Tan	Cracking	5	0.2	N/A	N/A	N/A	N/A	N/A
7360 Stairwell outside Classroom 201	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 201	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 201	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 203	W1	Concrete	Tan	Cracking	5	0		Hand rails	Metal	Brown	Chipping
7360 Fire Tower Stairwell outside Classroom 203	W3	Concrete	Tan	Cracking	10	0	N/A	N/A	N/A	N/A	N/A
7360 Fire Tower Stairwell outside Classroom 203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360 Library Room 200	W1	Plaster	Tan	Cracking	8	0.2		Door Frame	Wood	Brown	Chipping
7360 Library Room 200	W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360 Library Room 200	W3	Plaster	Tan	Cracking	3	-0.2		Baseboard	Wood	Brown	Chipping
7360 Library Room 200	W3	N/A	N/A	N/A	N/A	N/A	N/A	Radiator	Metal	Silver	Chipping
7360 Library Room 200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360 Library Room 200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360 Classroom 200A	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Brown	Chipping
7360 Classroom 200A	W2	Plaster	Tan	Cracking	2	0.2	N/A	N/A	N/A	N/A	N/A
7360 Classroom 200A	W3	N/A	N/A	N/A	N/A	N/A	N/A	Radiator	Metal	Silver	Chipping
7360 Classroom 200A	W4	Plaster	Tan	Cracking	4	0	N/A	N/A	N/A	N/A	N/A
7360 Classroom 200A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360 Computer Classroom 201	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Wood	Brown	Chipping
7360 Computer Classroom 201	W1	Plaster	Tan	Cracking	5	21.8		Baseboard	Wood	Brown	Chipping
7360 Computer Classroom 201	W2	Plaster	Tan	Alligatoring	6	25.7	N/A	N/A	N/A	N/A	N/A
7360 Computer Classroom 201	W3	Plaster	Tan	Alligatoring	10	25.3		Baseboard	Wood	Brown	Chipping
7360 Computer Classroom 201	W3	N/A	N/A	N/A	N/A	N/A	N/A	Window sill	Wood	Brown	Chipping
7360 Computer Classroom 201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360 Computer Classroom 201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360 2nd Floor Storage Closet outside of Classroom 200	W2	Plaster	Tan	Cracking	5	19.3		Door Frame	Metal	Brown	Chipping
7360 2nd Floor Storage Closet outside of Classroom 200	W3	Plaster	Tan	Cracking	5	19.3	N/A	N/A	N/A	N/A	N/A
7360 2nd Floor Storage Closet outside of Classroom 200	W4	Plaster	Tan	Cracking	10	19.3	N/A	N/A	N/A	N/A	N/A
7360 2nd Floor Storage Closet outside of Classroom 200	Ceiling	Plaster	White	Cracking	1	19.3	N/A	N/A	N/A	N/A	N/A
7360 Boy's Restroom	W1	Plaster	Tan	Cracking	7	0.3		Door Frame	Metal	Brown	Chipping
7360 Boy's Restroom	W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360 Boy's Restroom	W2	Plaster	Tan	Cracking	7	-0.1		Radiator	Metal	White	Chipping
7360 Boy's Restroom	W2	Plaster	White	Cracking	10	27.7	N/A	N/A	N/A	N/A	N/A
7360 Boy's Restroom	W3	Plaster	Tan	Cracking	8	14.1	N/A	N/A	N/A	N/A	N/A
7360 Boy's Restroom	W3	Plaster	White	Cracking	5	29.7	N/A	N/A	N/A	N/A	N/A
7360 Boy's Restroom	W4	Plaster	Tan	Cracking	12	22.2	N/A	N/A	N/A	N/A	N/A
7360 Classroom 202	W1	Plaster	Tan	Cracking	10	22		Door Frame	Wood	Brown	Chipping
7360 Classroom 202	W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360 Classroom 202	W3	N/A	N/A	N/A	N/A	N/A	N/A	Window sill	Wood	Brown	Chipping
7360 Classroom 202	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360 Classroom 202	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360 Classroom 202	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 202	Ceiling	Plaster	Tan	Cracking	10	1.4	N/A	N/A	N/A	N/A	N/A
7360 Custodial Closet outside Classroom 202	N/A	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 202	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
7360 Custodial Closet outside Classroom 202	N/A	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 202	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
7360 Custodial Closet outside Classroom 202	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
	IN/A	N/A	IN/A	IN/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7360	Classroom 203	W1	Plaster	Tan	Cracking	5	23.8		Baseboard	Wood	Brown	Chipping
7360	Classroom 203	W3	Plaster	Tan	Cracking	5	0.3	N/A	N/A	N/A	N/A	N/A
7360	Classroom 203	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	W1	Plaster	Tan	Cracking	10	-0.4		Door Frame	Metal	Brown	Chipping
7360	Girl's Restroom	W2	Plaster	Tan	Cracking	6	-0.2	N/A	N/A	N/A	N/A	N/A
7360	Girl's Restroom	W3	Plaster	Tan	Cracking	30	-0.1		Radiator	Metal	Silver	Chipping
7360	Girl's Restroom	W3	N/A	N/A	N/A	N/A	N/A	N/A	Window sill	Wood	Brown	Chipping
7360	Girl's Restroom	W4	Plaster	Tan	Cracking	4	-0.2	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	Classroom 204	W3	Plaster	Tan	Cracking	5	-0.2		Baseboard	Wood	Brown	Chipping
7360	Classroom 204	W1	N/A	N/A	N/A	N/A	N/A	N/A	Coat Rack	Wood	Tan	Chipping
7360	Classroom 204	W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
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	Custodial Closet outside Classroom 204	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Brown	Chipping
7360	Custodial Closet outside Classroom 204	W2	Plaster	Tan	Flaking	10	12	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 204	W3	Plaster	Tan	Flaking	25	13.1	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 204	W4	Plaster	Tan	Flaking	10	13.9	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside Classroom 204	Ceiling	Plaster	Green	Flaking	15	27.8	N/A	N/A	N/A	N/A	N/A
7360	Custodial Closet outside 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	Custodial Closet outside 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	Custodial Closet outside 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 205	W1	Plaster	Tan	Cracking	10	24.2	N/A	Door Frame	Metal	Brown	Chipping
7360	Classroom 205	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Casing	Metal	Tan	Chipping
7360	Classroom 205	W3	N/A	N/A	N/A	N/A	N/A	N/A	Window sill	Wood	Brown	Chipping
7360	Classroom 205	W3	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 206	W1	Plaster	Tan	Cracking	12	33	N/A	Door Frame	Metal	Brown	Chipping
7360	Classroom 206	W2	Plaster	Tan	Cracking	15	31	N/A	N/A	N/A	N/A	N/A
7360	Classroom 206	W2	Plaster	White	Cracking	4	32	N/A	N/A	N/A	N/A	N/A
7360	Classroom 206	W3	Plaster	Tan	Cracking	15	27.9	N/A	Window sill	Wood	Brown	Chipping
7360	Classroom 206	W3	Plaster	White	Cracking	6	32	N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 206	W4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Classroom 206 Restroom	W2	Plaster	Tan	Cracking	6	0	N/A	N/A	N/A	N/A	N/A
7360	Classroom 206 Restroom	W3	Plaster	Tan	Cracking	8	35	N/A	Window sill	Wood	Brown	Chipping
7360	Classroom 206 Restroom	W4	Plaster	Tan	Cracking	10	28.3	N/A	Pipe	Metal	Tan	Cracking
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	Classroom 106	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door	Metal	Brown	Chipping
7360	Classroom 106	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	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	Stairwell Landing beside Classroom 106	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door	Metal	Brown	Chipping
7360	Stairwell Landing beside Classroom 106	W1	N/A	N/A	N/A	N/A	N/A	N/A	Door Frame	Metal	Brown	Chipping
7360	Stairwell Landing beside Classroom 106	W3	N/A	N/A	N/A	N/A	N/A	N/A	Newel posts	Metal	Blue	Chipping
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	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	W2 W3	Plaster	Tan	Cracking	8	14.2	N/A	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 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	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	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	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	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	N/A N/A
	Stairwell	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
7360												

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	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	N/A N/A
7360	Classroom 103	W2	N/A	N/A	N/A N/A	N/A	N/A	N/A N/A	Baseboard	Wood	Brown	Chipping
7360	Classroom 103	W2 W1	N/A N/A	N/A	N/A N/A	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	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	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 N/A	N/A N/A	N/A N/A
7360	Custodial Closet outside Classroom 103	W3 W4	Plaster	Tan	11 9	4	0.1			-		
				Tan	Chipping	2	0.1	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	Ceiling	Plaster		Chipping			1				
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	Basement Hallway/Cafeteria Serving Area	W4	Brick	Tan	Flaking	9.4	35	N/A	Baseboard	Wood	Brown	Chipping
7360	Basement Hallway/Cafeteria Serving Area	Ceiling	Plaster	Tan	Flaking	40	9.4	N/A	N/A	N/A	N/A	N/A
7360	Basement Hallway/Cafeteria Serving Area	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	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	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 outside of Teacher's Lounge	W1	N/A	N/A	N/A	N/A	N/A	N/A				Chipping
7360	Basement Hallway outside of Teacher's Lounge		Plaster	Tan	Chipping	20	2	Negative	N/A	N/A	N/A	N/A
7360	Basement Hallway outside of Teacher's Lounge		Plaster	Tan	Chipping	15	2	Negative	N/A	N/A	N/A	N/A
7360	Basement Hallway outside of Teacher's Lounge		Plaster	Tan	Chipping	50	2	Negative	N/A	N/A	N/A	N/A
7360	Basement Hallway outside of 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 outside of 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 outside of 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 outside of 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	W1	Plaster	Tan	Chipping	20	24.1	Negative	N/A	N/A	N/A	Chipping
7360	Teacher's Lounge		Plaster	Tan	Chipping	20	2	Negative	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		Plaster	Tan	Chipping	15	2	Negative	Door	N/A	N/A	Chipping
7360	Teacher's Lounge		Plaster	Tan	Chipping	50	2	Negative	N/A	N/A	N/A N/A	N/A
7360	Teacher's Lounge	Ceiling	Plaster	Grey	Chipping	30	24.1	Negative	N/A	N/A	N/A	N/A
7360	Teacher's Lounge	ocining	Brick	Tan	Flaking	20	0.1	N/A	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		Plaster	Tan	Flaking	50	0.1	N/A	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		Brick	Tan	Flaking	50	0.1	N/A	N/A	N/A	N/A	N/A
7360	Teacher's Lounge		Plaster	Tan	Flaking	50	0.1	N/A	N/A	N/A	N/A	N/A N/A
7360	Teacher's Lounge	Ceiling	Brick	Tan	Flaking	25	0.1	N/A	N/A	N/A	N/A N/A	N/A N/A
7360	Small Hall/Vestibule outside of Teacher's Lounge	W1	Plaster	Tan	Chipping	6	0	Negative	N/A	N/A	N/A	N/A N/A
7360	Small Hall/Vestibule outside of Teacher's Lounge	W1 W3	Plaster	Tan	Chipping	3	0	Negative	N/A	N/A	N/A N/A	N/A N/A
7360	Small Hall/Vestibule outside of Teacher's Lounge	105	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 outside of Boiler Room	W1	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Basement Hallway outside of Boiler Room	W2	N/A	N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Basement Hallway outside of Boiler Room	W4	N/A	N/A N/A	N/A	N/A	N/A	N/A	Baseboard	Wood	Brown	Chipping
7360	Basement Hallway outside of Boiler Room		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Basement Hallway outside of Boiler Room	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 outside of Boiler Room	N/A 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 outside of Boiler Room	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
7360	Boy's Restroom	W1	N/A	N/A	N/A	N/A	N/A	N/A	Duct	Metal	Tan	Flaking
7360	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	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 N/A	N/A N/A
7360	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 N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
7360	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 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	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
7360	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 N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
7360	Gym/Cafeteria/Auditorium	W1	Plaster	White	Flaking	150	20	N/A N/A	Baseboard	Wood	Brown	Chipping
7360	Gym/Cafeteria/Auditorium	W1 W2	Plaster	White	Flaking	40	20	N/A N/A	Baseboard	Wood	Brown	Chipping
7360	Gym/Cafeteria/Auditorium	W2 W3	Plaster	White	Flaking	30	20	N/A N/A	Baseboard	Wood	Brown	Chipping
7360	Gym/Cafeteria/Auditorium		Plaster	White	Flaking	30	20	N/A N/A	Pipe	Metal		Flaking
							20 N/A		•	Wetal	Brown	· · · · ·
7360	Gym/Cafeteria/Auditorium		N/A Plaster	N/A W/bito	N/A Elaking	N/A 25	N/A 20	N/A	Baseboard		Brown	Chipping
7360	Gym/Cafeteria/Auditorium	Ceiling	Plaster	White	Flaking		20 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
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	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	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

7360	Fan Room	W1	Brick	White	Flaking	30	4.2	N/A	N/A	N/A	N/A	N/A
7360	Fan Room	W2	Brick	White	Flaking	200	4.2	N/A	N/A	N/A	N/A	N/A
7360	Fan Room	W3	Brick	White	Flaking	120	4.2	N/A	N/A	N/A	N/A	N/A
7360	Fan Room	W4	Brick	White	Flaking	75	4.2	N/A	N/A	N/A	N/A	N/A
7360	Fan Room	Ceiling	Plaster	White	Flaking	500	4.2	N/A	N/A	N/A	N/A	N/A
7360	Building Engineer's Office	W2	Brick	Tan	Flaking	15	0.1	N/A	N/A	N/A	N/A	N/A
7360	Building Engineer's Office	W3	Brick	Grey	Flaking	5	0.1	N/A	N/A	N/A	N/A	N/A
7360	Building Engineer's Office	W4	Brick	Tan	Flaking	15	0.1	N/A	N/A	N/A	N/A	N/A
7360	Crawl Space - None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Portable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Portable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Portable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Portable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7360	Portable	N/A	N/A	N/A	N/A	N/A	N/A	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							
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							
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							
5	0.5							
20	10.3							
50	10.5							
N/A	N/A							
3	-0.1							

-	I -	I I	1	l	I	
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	1	
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					
N/A						
N/A N/A	N/A					
N/A	N/A N/A					
N/A 10	N/A N/A 0.4					
N/A 10 2	N/A N/A 0.4 0.1					
N/A 10 2 2	N/A N/A 0.4 0.1 0			closet		
N/A 10 2 2 5	N/A N/A 0.4 0.1 0 0.3			closet		
N/A 10 2 2 5 9	N/A N/A 0.4 0.1 0 0.3 0.2			closet		
N/A 10 2 2 5	N/A N/A 0.4 0.1 0 0.3			closet		

	1	1	1	 Ì	I	1	
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			0.0001			
5	0.1						inaccessible-no key
3	0.2						
4	0.1						
12	0			closet			
8	6			00301			
6	4						
1	0						
1	0.1						
12	5.2	<b>D</b> 111					
N/A						-	
IN/A		Positive					
	N/A	N/A					
10	N/A 0.2	N/A Negative					
10 10	N/A 0.2 0.2	N/A					
10 10 20	N/A 0.2 0.2 0.1	N/A Negative Negative					
10 10 20 N/A	N/A 0.2 0.2 0.1 N/A	N/A Negative Negative					
10 10 20 N/A N/A	N/A 0.2 0.2 0.1 N/A N/A	N/A Negative Negative N/A					
10 10 20 N/A N/A 6	N/A 0.2 0.2 0.1 N/A N/A 20.1	N/A Negative Negative N/A N/A Positive					
10 10 20 N/A N/A 6 20	N/A 0.2 0.2 0.1 N/A N/A 20.1 0.2	N/A Negative Negative N/A N/A Positive Negative					
10 10 20 N/A N/A 6 20 20	N/A           0.2           0.1           N/A           20.1           0.2           0.1	N/A Negative Negative N/A N/A Positive Negative Negative					
10 10 20 N/A N/A 6 20 20 20 N/A	N/A           0.2           0.1           N/A           20.1           0.2           0.1           N/A	N/A Negative Negative N/A N/A Positive Negative Negative N/A					
10 10 20 N/A N/A 6 20 20 20 N/A N/A	N/A           0.2           0.1           N/A           20.1           0.2           0.1           N/A           20.1           0.2           0.1           N/A           N/A	N/A Negative Negative N/A N/A Positive Negative Negative					
10 10 20 N/A N/A 6 20 20 20 N/A N/A 15	N/A           0.2           0.1           N/A           20.1           0.2           0.1           N/A           20.1           0.2           0.1           N/A           20.1           0.2           0.1           N/A           N/A           N/A	N/A Negative N/A N/A N/A Positive Negative Negative N/A N/A					
10 10 20 N/A N/A 6 20 20 20 N/A N/A 15 N/A	N/A           0.2           0.1           N/A           20.1           0.2           0.1           N/A           20.1           0.2           0.1           N/A           12.3           N/A	N/A Negative N/A N/A N/A Positive Negative Negative N/A N/A					
10 10 20 N/A N/A 6 20 20 20 20 N/A N/A 15 N/A N/A	N/A           0.2           0.1           N/A           20.1           0.2           0.1           N/A           20.1           0.2           0.1           N/A           12.3           N/A           N/A	N/A Negative Negative N/A N/A Positive Negative Negative N/A N/A					
10 10 20 N/A N/A 6 20 20 20 N/A N/A 15 N/A	N/A           0.2           0.1           N/A           20.1           0.2           0.1           N/A           20.1           0.2           0.1           N/A           12.3           N/A	N/A Negative N/A N/A N/A Positive Negative Negative N/A N/A					

							n
20	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					
25	0						
N/A	N/A	N/A					
N/A	N/A						
3	0	N/A					
3	0.5	N/A					
3	0.2	N/A					
6	0	N/A					
N/A	N/A	N/A					
N/A	N/A	N/A					
2	0.2	N/A					
N/A	N/A	N/A					
1	16.2	N/A	T				
N/A	N/A	N/A	1				
N/A	N/A	N/A	1				
2	-0.1	N/A					
10	0.3	N/A		area			
N/A	N/A	N/A					
10	0.2	N/A					
5	0.3	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					
		IN/A					
2	0.2						
4	10.0		 			-	
2	10.8		 			-	
N/A	N/A	N/A					
N/A	N/A	N/A					
N/A	N/A	N/A	<b> </b>			-	
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2	0.2		 			-	
6	0						
5	0.6						
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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				1	
			1	1	1	1	

5	0.2				
N/A	N/A	N/A			
N/A	N/A	N/A			
3	0.1	14/7			
N/A	N/A	N/A			
6	11.3	IN/75			
3	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			
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			
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				
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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			
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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	1	1	1	I
4	3.2	IN/A				
2	3.2					
		N1/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				
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				
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10	0.2	N/A				
10	0.2	N/A				
10	0.2	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		1		
N/A N/A	N/A N/A			1		
		N/A				
N/A	N/A	N/A				
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N/A	N/A	N/A				
N/A	N/A	N/A				
30	0.1	N/A			1	I

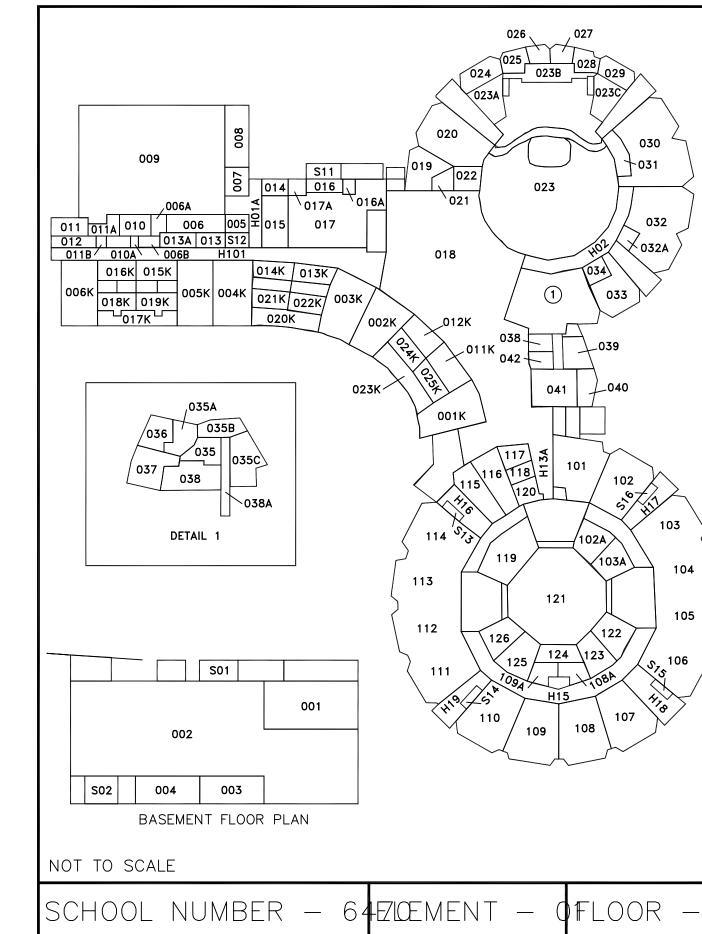
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6	0	N/A			
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N/A N/A	N/A N/A	N/A N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
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N/A	N/A	N/A			
N/A	N/A	N/A			
N/A	N/A	N/A			
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			
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			
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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	ļ		
N/A	N/A	N/A			
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N/A	N/A	N/A			
N/A	N/A	N/A			
3	0.5				

N/A	N/A	N/A	1	1	1		
N/A	N/A	N/A					
6	-0.1	11/75					
6	0.1						
N/A	N/A	N/A					
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N/A N/A	N/A	N/A					
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6	0.2						
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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	 	<u> </u>			
6	0.2						
3	0.1						
7	12.3		 				
N/A	N/A	N/A	 				
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N/A	2.7	N/A					
N/A	2.7	N/A					

N/A	2.7	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					
		Negative					
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	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					
N/A	N/A	N/A					
5		N/A					
6		N/A					
10		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		11/73					
N/A	N/A	N/A	1	1			
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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	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					

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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				
3	-0.1	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				
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					
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N/A						
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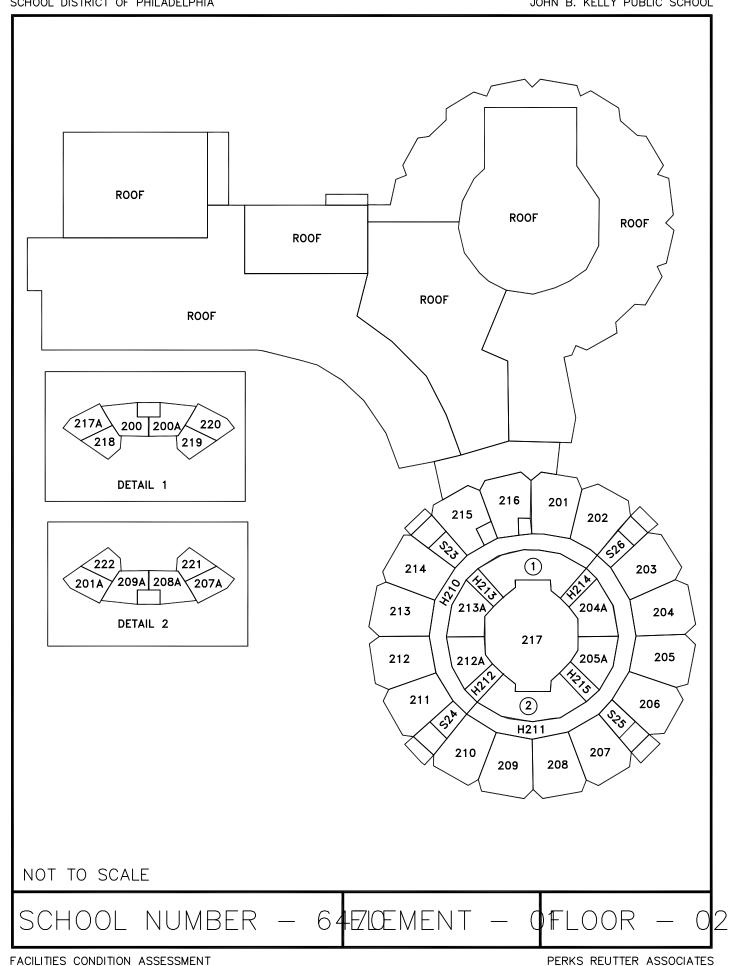


FACILITIES CONDITION ASSESSMENT

PERKS REUTTER ASSOCIATES

 $\bigcirc 1$ 

JOHN B. KELLY PUBLIC SCHOOL



SCHOOL DISTRICT OF PHILADELPHIA

JOHN B. KELLY PUBLIC SCHOOL