THE SCHOOL DISTRICT OF PHILADELPHIA Office of Capital Programs 440 North Broad Street, 3rd Floor – Suite 371 Philadelphia, PA 19130

TELEPHONE: (215) 400-4730

Addendum No. 001

Subject: 2020 Classroom Modernizations

SDP Contract Numbers: B-013 C of 19/20 & B-015 C of 19/20

Location: John Welsh School

2331 N. 4th St, Philadelphia PA 19133

This Addendum, dated February 28, 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.

BID OPENING FOR THIS PROJECT HAS BEEN POSTPONED UNTIL 2:00 PM ON TUESDAY, MARCH 10, 2020.

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.

SPECIFICATIONS

SPECIFICATION 262416 – PANELBOARDS

1. ADD specification in its entirety.

SPECIFICATION 275313 – WIRELESS CLOCK SYSTEM

 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]."

SECTION 87100 - DOOR HARDWARE

1. REVISE John Welsh Hardware Set No. JW-04 to read as follows:

HARDWARE SET NO. JW-04

For use on Door Numbers:

100	102	202	205	211	212
300	303				

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EΑ	CONT. HINGE	112HD	628	IVE
1	EΑ	VANDL CLASSROOM SEC	ND95TD SPA XN12-035	626	SCH
2	EΑ	FSIC CORE	23-030	626	SCH
1	EA	CUSTOM LOCK STRIKE	IF REQUIRED BY EXISTING FRAME PREPS	626	ACC
1	EΑ	WALL STOP	WS406/407CCV	630	IVE
3	EΑ	SILENCER	SR64	GRY	IVE

NOTE: EXISTING FRAME TO REMAIN

VERIFY EXISTING FRAME PREPS FOR COMPATIBILITY OF SPECIFIED HARDWARE PRIOR TO ORDERING NOTIFY ARCHITECT OF ANY REQUIRED CHANGES

COVER SHEETS

DRAWING CS.1 – COVER SHEET

 ADD deed address to read "2331-57 N 4th STREET, PHILADELPHIA, PA 19133-2900."

ARCHITECTURAL DRAWINGS

DRAWING D1.1 - OVERALL FIRST FLOOR DEMOLITION PLAN

- 1. REVISE plan 1/D1.1. Existing visual display to remain on corridor wall in rooms 100 & 102.
- 2. CLARIFY only demolish visual display on plan west wall of room 100 and plan east wall of room 102 (demolition note 7C).
- 3. ADD demolition note 3F as indicated on the drawings.

DRAWING D1.2 - OVERALL SECOND FLOOR DEMOLITION PLAN

1. ADD demolition note 3F as indicated on the drawings.

DRAWING D1.3 – OVERALL THIRD FLOOR DEMOLITION PLAN

1. ADD demolition note 3F as indicated on the drawings.

DRAWING A1.1 - OVERALL FIRST FLOOR PLAN

1. REVISE plan 1/A1.1 to show doors 100 and 102 as new, as indicated on drawings.

DRAWING A1.2 - OVERALL SECOND FLOOR PLAN

1. REVISE plan 1/A1.2 to show doors 202, 205, 211 and 212 as new, as indicated on drawings.

DRAWING A1.3 - OVERALL THIRD FLOOR PLAN

1. REVISED plan 1/A1.3 to show doors 300 and 303 as new, as indicated on drawings.

DRAWING A6.1 - ROOM FINISH & DOOR SCHEDULE

- 1. REVISED Door Schedule to show doors 100, 102, 202, 205, 211, 212, 300 and 303 as new, as indicated on drawings.
- 2. REVISE Room Finish Schedule column "COLOR SCHEME" at ROOMS 211, 212 to correspond to Color Scheme "C".
- 3. REVISE Room Finish Schedule column "COLOR SCHEME" at ROOMS 300, 303 to correspond to Color Scheme "D".
- 4. REVISE Color Scheme Schedule Color Scheme A to read as: "COLOR SCHEME A KINDERGARTEN".
 - a. REVISED 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".
- 5. REVISE Color Scheme Schedule Color Scheme B to read as: "COLOR SCHEME B FIRST GRADE AND SPECIAL EDUCATION".
 - a. REVISED item no. 3 to read as: "3. ACCENT PAINT 'B' TEACHING WALL: SHERWIN WILLIAMS, NO. SW6765 SPA"
 - b. REVISED item no. 5 to read as: "5. VINYL COMPOSITION TILE, ACCENT '1': ARMSTRONG, NO. 51927 FIELD GRAY"
 - c. REVISED 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".
- 6. 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.
- 8. ADD to Color Scheme Schedule General Notes Item # 9 to read as follows: "9. PAINTED ROOM NUMBERS (WHERE OCCURS): BLACK, SEE INTERIOR ELEVATIONS FOR PAINTED ROOM NUMBER LOCATIONS."
- 9. REVISE Color Scheme Schedule General Notes Item No. 7 to read as: "NOT USED".

INTERIOR DRAWINGS

DRAWING 14.1 - LARGE SCALE LAYOUTS - KINDERGARTEN

1. REVISED detail 1/I4.1 KINDERGARTEN, B/I4.1 and 4/I4.1 – Remove new Tack Boards as scheduled. These shall be Existing to Remain.

DRAWING 14.3 - INTERIOR ELEVATIONS & DETAILS

1. ADD detail 2/I4.3 TYPICAL PAINTED ROOM NUMBER DETAIL, to show typical painted room numbers at all rooms within scope.

ELECTRICAL DRAWINGS

DRAWING E0.1 – ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS

- 1. REVISE room controller basis-of-design to read "GREENGATE MODEL #RC3D-PL."
- 2. REVISE Interior Lighting Fixture Schedule as indicated on the 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."

DRAWING ED1.2 - ELECTRICAL SECOND 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."

DRAWING ED1.3 - ELECTRICAL THIRD 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."

DRAWING E1.1 - ELECTRICAL FIRST FLOOR LIGHTING PLAN

- 1. REVISE lighting layout as indicated on the drawings.
- 2. ADD daylight zone and associated sensor and control switch to Classroom 100. Per load of new pendant mounted fixtures, daylight zone is now required by code.
- 3. REMOVE note to provide new switches in existing back boxes per drawings, as 3 switches will not fit in the existing back box

DRAWING E1.2 - ELECTRICAL SECOND FLOOR LIGHTING PLAN

- 1. REVISE lighting layout as indicated on the drawings.
- ADD daylight zone and associated sensor and control switch to Classrooms. Per load of new pendant mounted fixtures, daylight zone is now required by code.
- 3. REMOVE note to provide new switches in existing back boxes per drawings, as 3 switches will not fit in the existing back box

DRAWING E1.3 - ELECTRICAL THIRD FLOOR LIGHTING PLAN

- 1. REVISE lighting layout as indicated on the drawings.
- 2. ADD daylight zone and associated sensor and control switch to Classrooms. Per load of new pendant mounted fixtures, daylight zone is now required by code.
- 3. REMOVE note to provide new switches in existing back boxes per drawings, as 3 switches will not fit in the existing back box

DRAWING E2.1 - ELECTRICAL FIRST FLOOR POWER AND TECHNOLOGY PLAN

- 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.

DRAWING E2.2 - ELECTRICAL SECOND FLOOR POWER AND 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.

DRAWING E2.3 - ELECTRICAL THIRD FLOOR POWER AND TECHNOLOGY PLAN

- 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.

DRAWING E7.1 - ELECTRICAL DETAILS

1. REVISE 3/E7.1 Typical Classroom Lighting Controller diagram as indicated on the drawings.

BIDDER QUESTIONS SUBMITTED TO DATE & RESPONSES ARE AS FOLLOWS:

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

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

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

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

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

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

4. Panel drawn calls for semi-recessed panel. The existing backbox will not accept a 42 circuit panel and meet code for bending requirements. Can we blank off existing backbox and install surface panel? (Please do not tell us to cut and remove backbox, it's in glazed block).

Answer: A surface mounted panelboard will cause a 6" intrusion into the Path of Egress which is not permitted. The Contractor must cut the glazed block wall to accommodate the panels.

5. 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 Part 1: Drawing D1.1, Demolition Note 9A should read "existing unit ventilator cover and/or radiator cover 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."

Answer Part 2: Yes, the refinishing and reinstallation of the unit ventilator cover is the responsibility of the GC.

6. The contract drawings don't show any details regarding the scope of work. The notes on the drawings lead us to believe that the intent is to Paint the Ventilator Grilles and Radiator covers. Please clarify?

Answer: See Question #6, above. Also refer to Specification 105115 Electrostatic Painting for refinishing requirements for metal surfaces.

7. The contract drawings don't show any window film. Please clarify?

Answer: Per Specification 101115, Section 2.2.B.2, location to be at Samuel L. Gompers Elementary per drawings only.

8. 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.

 Reference Supplementary Conditions Par. 16 Photographs, Are photos necessary for this type of project? Please consider deleting from scope of work.(Save \$)

Answer: No; however, digital photographs on CD's or flash drives will be acceptable: and prints and negatives not required.

10. The general spec Div. 1 list Gompers ES on the top, not Welsh ES. Are we to use these specs for this project?

Answer: Yes

11. Is asbestos part of this scope of work?

Answer: Yes. Refer to Specification Section 01 1100 Environmental Coordination, 01 1135-Asbestos Abatement and Lead Based Paint Stabilization Specifications

12. Is asbestos the responsibility of the contractor awarded the project?

Answer: Asbestos is the responsibility of the GC that is awarded the project.

13. Is electrical part of this scope of work?

Answer: The electrical part of the scope is the responsibility of the Electrical Contractor.

14. Is electrical the responsibility of the contractor awarded the project?

Answer: The electrical is the responsibility of the Electrical Contractor that is awarded the electrical contract.

15. It has come to our attention that 3 of the vct color is being discontinued as of April 30th.

Discontinued colors are

Cantaloupe

Pumpkin Orange

Greenery

Will you be revising the finish schedule?

Answer: Yes. Revised Finish Drawing A6.1 attached.

ATTACHMENTS

SPECIFICATIONS

SPECIFICATION 262416 PANELBOARDS

DRAWINGS

DRAWING D1.1 DRAWING D1.2 DRAWING D1.3	OVERALL FIRST FLOOR DEMOLITION PLAN OVERALL SECOND FLOOR ELEVATION PLAN OVERALL THIRD FLOOR DEMOLITION PLAN
DRAWING A1.1	OVERALL FIRST FLOOR PLAN
DRAWING A1.2 DRAWING A1.3	OVERALL SECOND FLOOR PLAN OVERALL THIRD FLOOR PLAN

DRAWING A6.1	ROOM FINISH & DOOR SCHEDULE
DRAWING 14.1 DRAWING 14.3	LARGE SCALE LAYOUTS – KINDERGARTEN INTERIOR ELEVATIONS & DETAILS
DRAWING E0.1	ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS
DRAWING E1.1	ELECTRICAL FIRST FLOOR LIGHTING PLAN
DRAWING E1.2	ELECTRICAL SECOND FLOOR LIGHTING PLAN
DRAWING E1.3	ELECTRICAL THIRD FLOOR LIGHTING PLAN
DRAWING E2.1	ELECTRICAL FIRST FLOOR POWER AND TECHNOLOGY PLAN
DRAWING E2.2	ELECTRICAL SECOND FLOOR POWER AND TECHNOLOGY PLAN
DRAWING E2.3	ELECTRICAL THIRD FLOOR POWER AND TECHNOLOGY PLAN
DRAWING E7.1	ELECTRICAL DETAILS

END OF ADDENDUM #001

TAG

- WALL DEMOLITION & RENOVATION

- WINDOW DEMOLITION & RENOVATION

MATCHING ADJACENT FINISHED SURFACE AS SCHEDULED.

DEMOLITION LEGEND

EXISTING GLAZED CMU WALL FINISH AND WALL BASE TO BE CLEANED AND REMOVED OF ALL EXISTING ADHESIVES AND PREPARED TO RECEIVE NEW FINISH AS SCHEDULED.

REMOVE COLUMN, BULKHEAD, ALL HARDWARE AND SUPPORTING ELEMENTS IN ITS ENTIRETY. PATCH AND REPAIR EXISTING TO REMAIN SURFACE TO RECEIVE NEW SCHEDULED FINISH.

DEMOLITION NOTE

EXISTING WALLS SHALL BE SCRAPED; REMOVE ANY/ALL ABANDONED OR UNUSED CONDUIT, WIRING, FASTENERS, BRACKETS, PROJECTOR SCREENS, TVS AND MOUNTS, BLOCKING AND ASSOCIATED ACCESSORIES IN THEIR ENTIRETY. ALL ABANDONED OR UNUSED

CONDUIT, WIRING AND PIPING SHALL BE REMOVED TO THE SOURCE OF SUPPLY. PATCH ANY AND ALL PENETRATIONS AND CRACKING THROUGHOUT AND PREPARE WALLS, COLUMNS, EXPOSED PIPING, REGISTERS, HEATERS, CONDUIT AND ASSOCIATED ACCESSORIES TO RECEIVE NEW FINISH.

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<u>ARCHITECT</u>

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2 2/27/2020 ADDENDUM # 2
1 2/20/2020 ADDENDUM # 1
NO. DATE REVISION

SCHOOL & LOCATION

JOHN WELSH ELEMENTARY SCHOOL MAILING ADDRESS: 2331 N 4TH

STREET, PHILADELPHIA, PA 19133 DEED ADDRESS: 2331-57 N 4TH STREET, PHILADELPHIA, PA 19133-2900

PROJECT TITLE

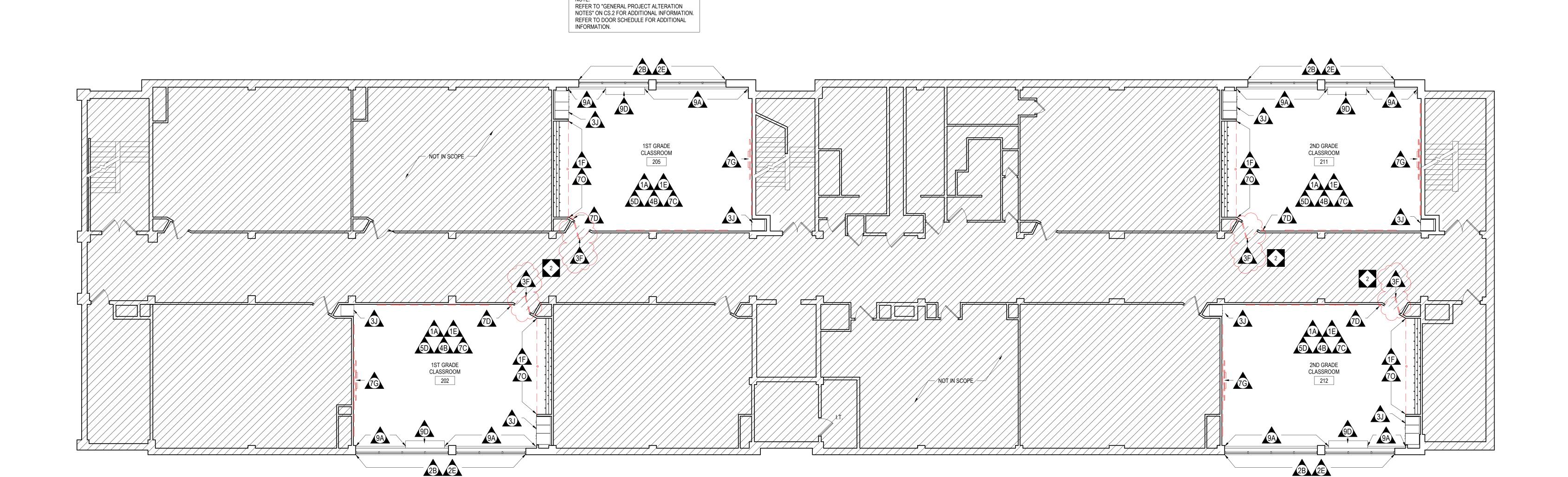
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MODERNIZATION

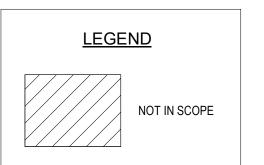
DRAWING TITLE

OVERALL FIRST FLOOR DEMOLITION PLAN

EXISTING BOX/PANEL COVER TO BE REMOVED, REFINISHED WITH ELECTROSTATIC PAINT AND REINSTALLED AS SCHEDULED. CLEAN PANEL AND ALL ASSOCIATED COMPONENTS PRIOR TO REINSTALLATION OF COVER.



1 OVERALL SECOND FLOOR DEMOLITION PLAN D1.2 1/8" = 1'-0"



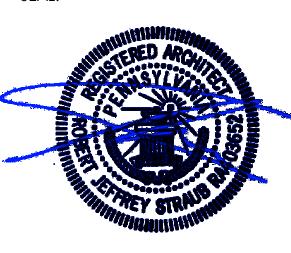
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Attn: Deepak Ajjimane

Attn: Jessie Harder

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1	2/27/2020	ADDENDUM # 2
NO.	DATE	REVISION

SCHOOL & LOCATION JOHN WELSH ELEMENTARY SCHOOL

MAILING ADDRESS: 2331 N 4TH STREET, PHILADELPHIA, PA 19133 DEED ADDRESS: 2331-57 N 4TH STREET, PHILADELPHIA, PA 19133-2900

PROJECT TITLE

CLASSROOM

MODERNIZATION

DRAWING TITLE

OVERALL SECOND FLOOR DEMOLITION PLAN

DRAWN BY

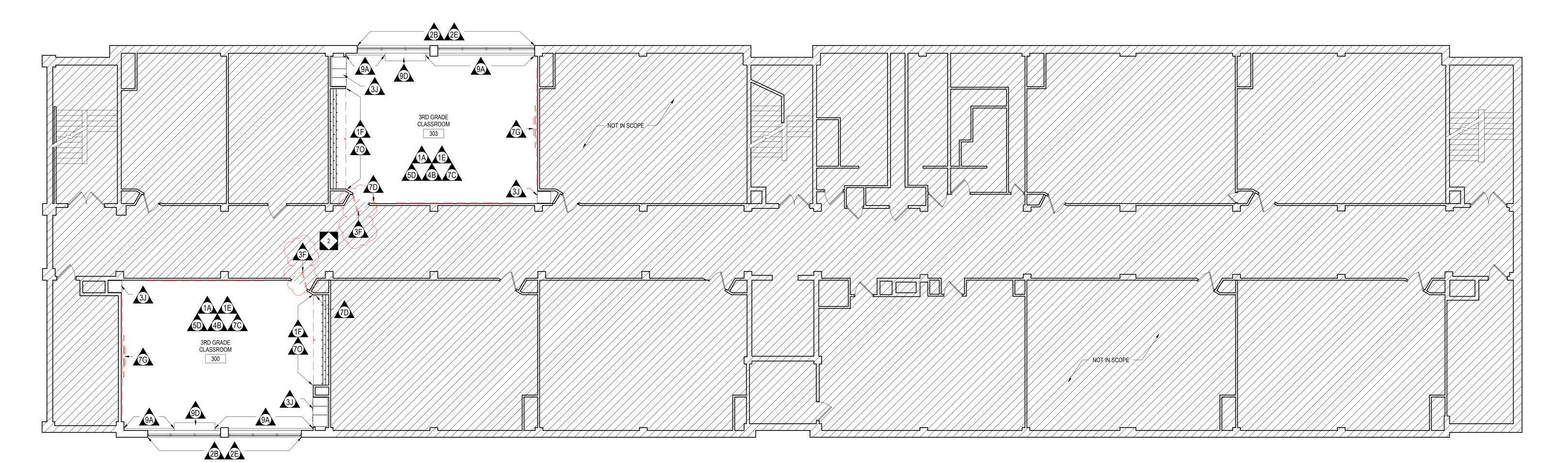
B-013C OF 2019 / 20
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DRAWING NO.

D1.2

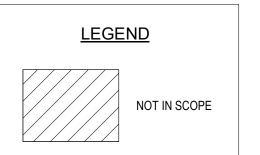
EXISTING BOX/PANEL COVER TO BE REMOVED, REFINISHED WITH ELECTROSTATIC PAINT AND REINSTALLED AS SCHEDULED. CLEAN PANEL AND ALL ASSOCIATED COMPONENTS PRIOR TO REINSTALLATION OF COVER.

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



EXISTING UNIT VENTILATOR AND/OR RADIATOR COVER TO REMAIN. CLEAN TO "LIKE NEW" CONDITION.

1 OVERALL THIRD FLOOR DEMOLITION PLAN D1.3 1/8" = 1'-0"



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1	2/27/2020	ADDENDUM # 2
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SCHOOL & LOCATION

JOHN WELSH ELEMENTARY

SCHOOL

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PROJECT TITLE

CLASSROOM

MODERNIZATION

DRAWING TITLE

OVERALL THIRD FLOOR DEMOLITION PLAN

DRAWN BY

B-013C OF 2019 / 20
B-015C OF 2019 / 20

DRAWING NO.

D1.3

GENERAL NOTES:

REFER TO PLUMBING DRAWINGS.

- 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 DIMENSIONS 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
- 6. COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.
- 7. CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION OF ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.

OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED.

- 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. BELOW FINISH FLOOR. DISH FINISH FLOOR A MINIMUM OF 24" RADIUS TO TOP OF FLOOR DRAIN.
- 10. REFER TO I4 DRAWINGS FOR ADDITIONAL BUILT-IN CASEWORK DOOR HARDWARE LOCATION AND INFORMATION.

1. REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.

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R. JEFFREY STRAUB STATE AND LICENSE NO: RA403652

ARCHITECT

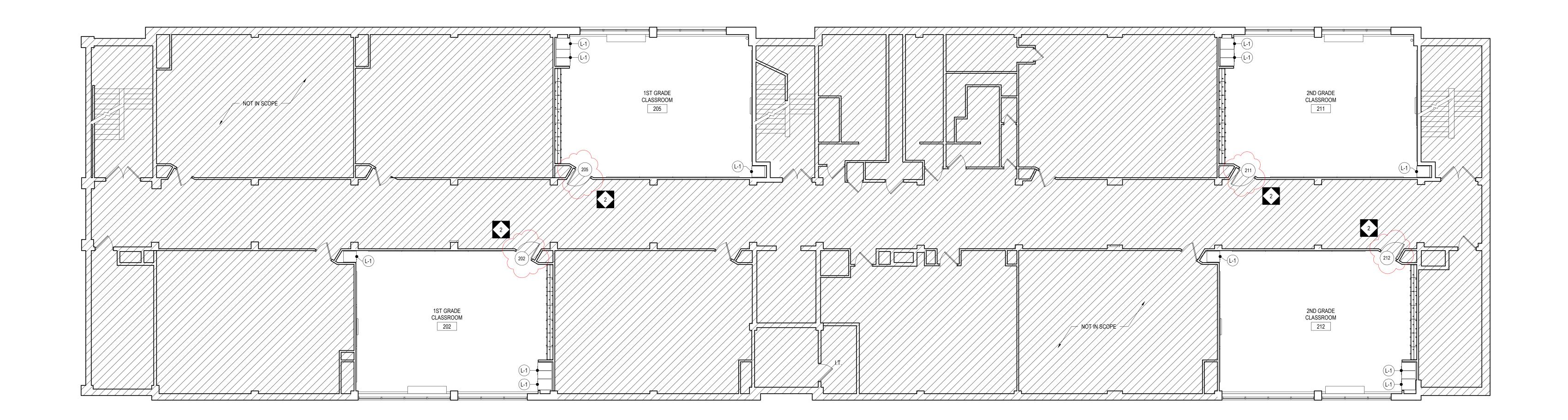
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MEP ENGINEERS

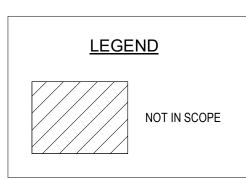
One South Street, Suite 1130 Baltimore, MD 21202 Phone: 667-309-6036

Email: deepak.at@setty.com Attn: Deepak Ajjimane



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

	LOCKER HARDWARE SCHEDULE				
No.	DESCRIPTION	HARDWARE	REMARKS		
L-1	EXISTING METAL LOCKER ASSEMBLY	PROVIDE REPLACEMENT HANDLE ASSEMBLY SET TO EVERY DOOR, LYON BRAND LL1741 OR EQUAL. PROVIDE REPLACEMENT AND/OR INSTALL LOCK CYLINDER SET TO EVERY DOOR, PRIME-LINE MP4140 LOCK OR EQUAL. COLOR TO BE STEEL. REPLACE ANY/ALL HOOKS WITHIN ASSEMBLY WITH NEW, SINGLE PRONG SIDE HOOK LU126 OR SIMILAR.	REMOVE ANY/ALL OBSOLETE EQUIPMENT AND FASTENERS (ALL SURFACES). REMOVE ALL DIRT, LOOSE PAINT AND RUST, AND OTHER FOREIGN ITEMS. EXISTING CHIPPED, DETERIORATED AND UNEVEN EXISTING COATINGS SHALL BE COMPLETELY REMOVED FROM ENTIRE ASSEMBLY. SAND ENTIRE ASSEMBLY. FOLLOW WITH SPECIFIED ELECTROSTATIC COATINGS PER MANUFACTURER'S INSTRUCTIONS TO ALL METAL SURFACES. WHERE THE EXISTING FINISH IS INCOMPATIBLE WITH NEW SCHEDULED COATINGS, THE EXISTING FINISH SHALL BE COMPLETELY REMOVED. REMOVE AND REINSTALL EXISTING ASSEMBLY WITH NEW FINISH AND HARDWARE BACK TO EXISTING LOCATION. CONTRACTOR SHALL VERIFY IN FIELD ALL DOOR AND HARDWARE REQUIREMENTS.		



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PROJECT TITLE

CLASSROOM **MODERNIZATION**

DRAWING TITLE

OVERALL SECOND FLOOR PLAN

LOCATION NO.	FILE NO.
DRAWN BY	CHECKED BY
	OF 2019 / 20 OF 2019 / 20
DRAWING NO.	

GENERAL NOTES: ARE FROM THE WALL FINISH MATERIAL.

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 DIMENSIONS

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.

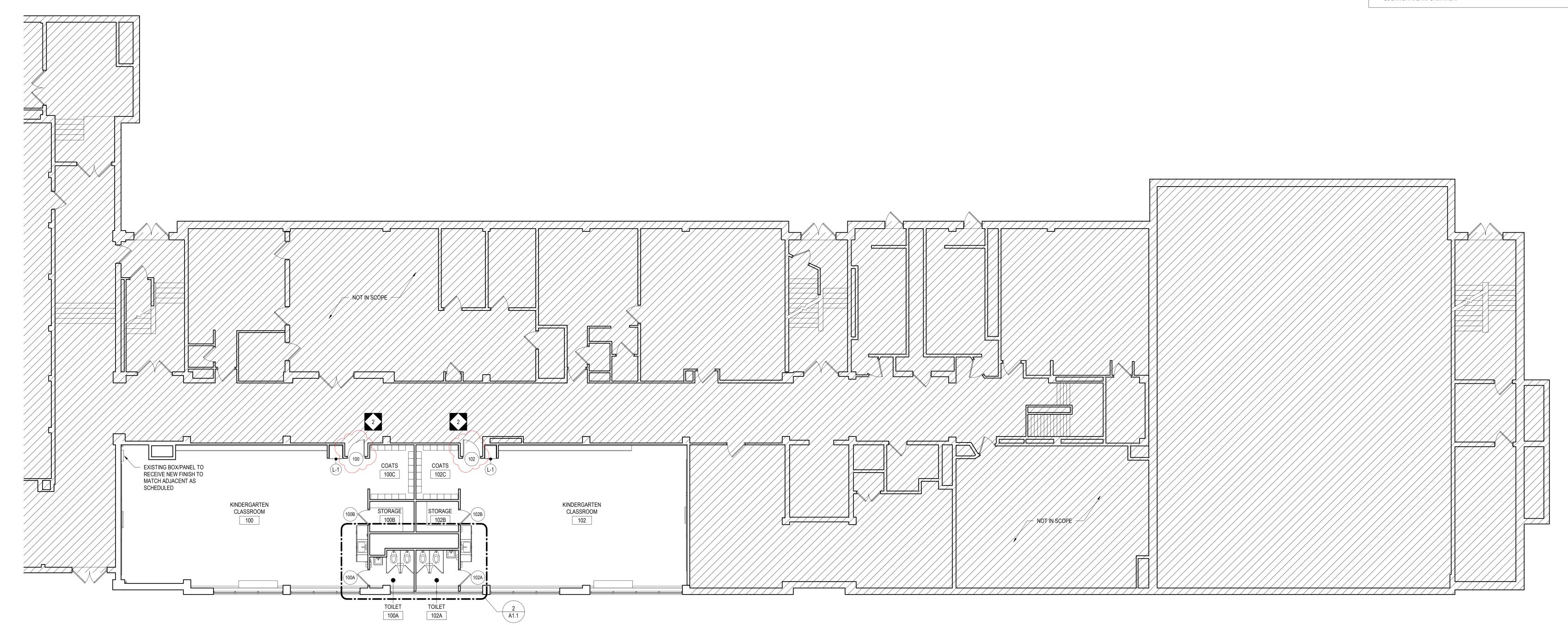
6. COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.

7. CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION OF ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.

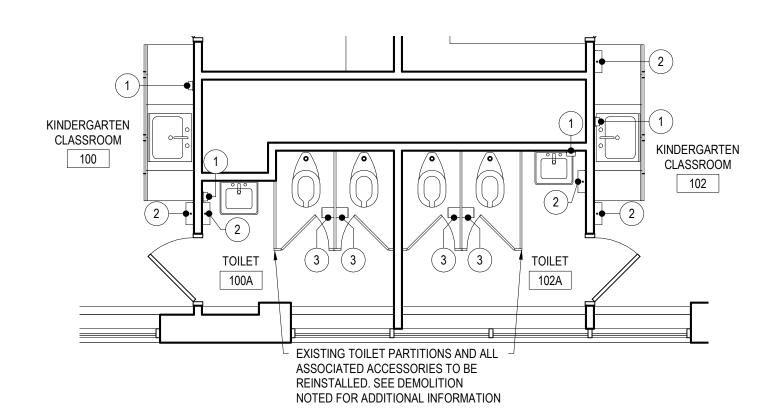
8. COORDINATE LOCATION OF MEP EQUIPMENT, DEVICES, OUTLET BOXES, ETC. WITH OTHER EQUIPMENT AND FINISH SCHEDULE PRIOR TO INSTALLATION.

9. UNLESS NOTED OTHERWISE, ALL FLOOR DRAINS SHALL BE SET 1/4" MAXIMUM. BELOW FINISH FLOOR. DISH FINISH FLOOR A MINIMUM OF 24" RADIUS TO TOP OF FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.

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



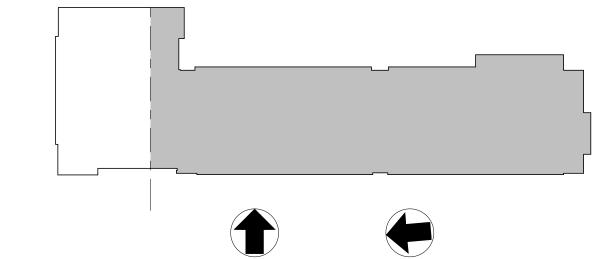
1 OVERALL FIRST FLOOR PLAN 1/8" = 1'-0"



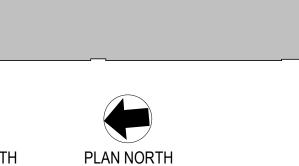
2	LARGE SCALE TOILET PLAN
A1.1	1/4" = 1'-0"

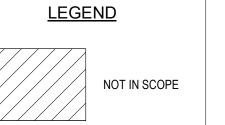
	TOILET ACCESSORY SCHEDULE					
No.	lo. DESCRIPTION MOUNTING MANUFACTURER MODEL					
1	SOAP DISPENSER	44" MAXIMUM AFF TO PUSH BUTTON	KIMBERLY-CLARK - SDP SUPLLIED & GC INSTALLED	92145		
2 SURFACE MOUNTED PAPER TOWEL DISPENSER		48" MAXIMUM TO OUTLET OF DISPENSER	KIMBERLY-CLARK - GC SUPLLIED & INSTALLED	29734		
3	SURFACE MOUNTED TOILET PAPER DISPENSER TISSUE ACCESS @ 19" MIN AFF KIMBERLY-CLARK - GC SUPPLIED & INSTALLED 09507					

	LOCKER HARDWARE SCHEDULE				
No. DESCRIPTION HARDWARE		HARDWARE	REMARKS		
L-1	EXISTING METAL LOCKER ASSEMBLY	DOOR, LYON BRAND LL1741 OR EQUAL. PROVIDE REPLACEMENT AND/OR INSTALL LOCK CYLINDER SET TO EVERY DOOR, PRIME-LINE MP4140 LOCK OR EQUAL. COLOR TO BE STEEL. REPLACE ANY/ALL HOOKS WITHIN ASSEMBLY WITH NEW, SINGLE PRONG SIDE HOOK LU126 OR SIMILAR.	REMOVE ANY/ALL OBSOLETE EQUIPMENT AND FASTENERS (ALL SURFACES). REMOVE ALL DIRT, LOOSE PAINT AND RUST, AND OTHER FOREIGN ITEMS. EXISTING CHIPPED, DETERIORATED AND UNEVEN EXISTING COATINGS SHALL BE COMPLETELY REMOVED FROM ENTIRE ASSEMBLY. SAND ENTIRE ASSEMBLY. FOLLOW WITH SPECIFIED ELECTROSTATIC COATINGS PER MANUFACTURER'S INSTRUCTIONS TO ALL METAL SURFACES. WHERE THE EXISTING FINISH IS INCOMPATIBLE WITH NEW SCHEDULED COATINGS, THE EXISTING FINISH SHALL BE COMPLETELY REMOVED. REMOVE AND REINSTALL EXISTING ASSEMBLY WITH NEW FINISH AND HARDWARE BACK TO EXISTING LOCATION. CONTRACTOR SHALL VERIFY IN FIELD ALL DOOR AND HARDWARE REQUIREMENTS.		



KEY PLAN





THE SCHOOL DISTRICT OF PHILADELPHIA OFFICE OF CAPITAL PROGRAMS

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R. JEFFREY STRAUB STATE AND LICENSE NO: RA403652

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MEP ENGINEERS

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Email: deepak.at@setty.com Attn: Deepak Ajjimane

Phone: 667-309-6036

100% DESIGN SUBMISSION 1/22/2020

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1	2/27/2020	ADDENDUM # 2
NO.	DATE	REVISION

SCHOOL & LOCATION JOHN WELSH ELEMENTARY SCHOOL

MAILING ADDRESS: 2331 N 4TH STREET, PHILADELPHIA, PA 19133 DEED ADDRESS: 2331-57 N 4TH STREET, PHILADELPHIA, PA 19133-2900

PROJECT TITLE

CLASSROOM **MODERNIZATION**

DRAWING TITLE

OVERALL FIRST FLOOR PLAN

LOCATION NO.		E NO.
DRAWN BY	CH	ECKED BY
B-013C B-015C	OF OF	•
DRAWING NO.		

GENERAL NOTES:

1. REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.

REFER TO PLUMBING DRAWINGS.

2. ACCESSIBLE FIXTURES ARE INDICATED WITH THE REQUIRED CLEAR FLOOR SPACE CLEARANCES FOR ALL ACCESSIBLE ROUTES & MANEUVERING CLEARANCES.

PLUMBING FIXTURE ROUGH-IN DIMENSIONS & TOILET PARTITION LAYOUT DIMENSIONS ARE FROM THE WALL FINISH MATERIAL.

4. PROVIDE WOOD BLOCKING IN STUD WALLS FOR ALL TOILET ACCESSORIES.

TOILET PARTITION DIMENSIONS ARE TO THE PANEL CENTERLINE UNLESS NOTED

OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED.

6. COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.

7. CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION OF ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.

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

THE SCHOOL DISTRICT OF PHILADELPHIA

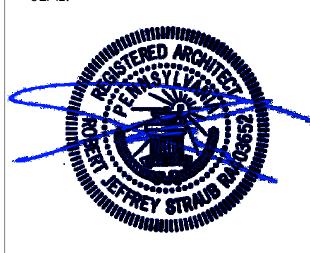
OFFICE OF CAPITAL PROGRAMS

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<u>ARCHITECT</u>

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Email: jharder@cra-architects.com

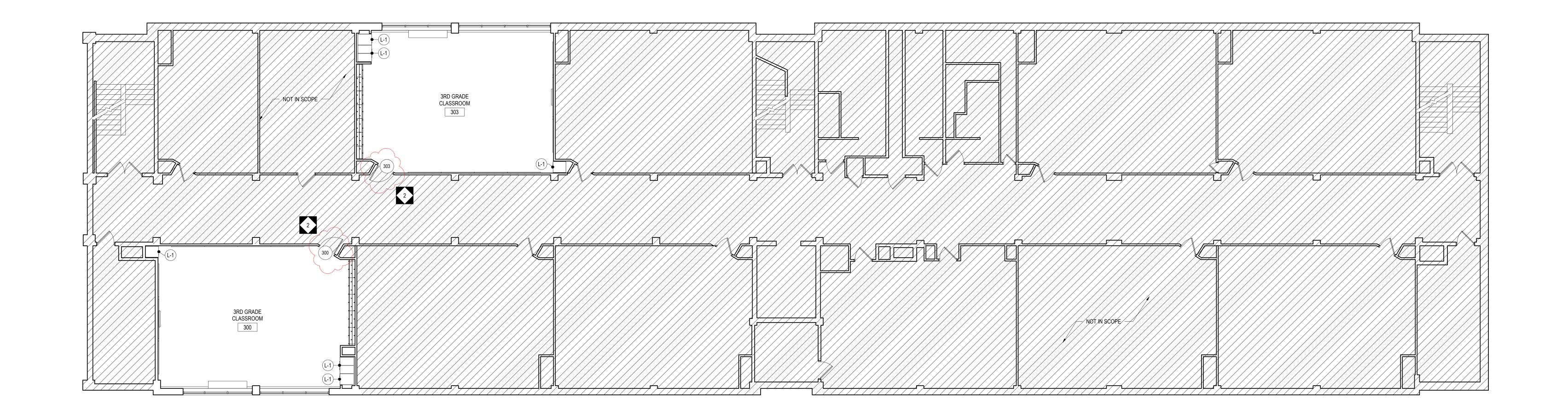
Attn: Jessie Harder

MEP ENGINEERS

One South Street, Suite 1130
Baltimore, MD 21202

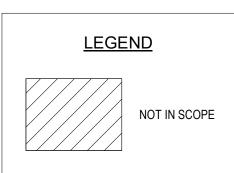
Email: deepak.at@setty.com Attn: Deepak Ajjimane

Phone: 667-309-6036



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

		LOCKER HARDV	VARE SCHEDULE
No.	DESCRIPTION	HARDWARE	REMARKS
L-1	EXISTING METAL LOCKER ASSEMBLY	PROVIDE REPLACEMENT HANDLE ASSEMBLY SET TO EVERY DOOR, LYON BRAND LL1741 OR EQUAL. PROVIDE REPLACEMENT AND/OR INSTALL LOCK CYLINDER SET TO EVERY DOOR, PRIME-LINE MP4140 LOCK OR EQUAL. COLOR TO BE STEEL. REPLACE ANY/ALL HOOKS WITHIN ASSEMBLY WITH NEW, SINGLE PRONG SIDE HOOK LU126 OR SIMILAR.	REMOVE ANY/ALL OBSOLETE EQUIPMENT AND FASTENERS (ALL SURFACES). REMOVE ALL DIRT, LOOSE PAINT AND RUST, AND OTHER FOREIGN ITEMS. EXISTING CHIPPED, DETERIORATED AND UNEVEN EXISTING COATINGS SHALL BE COMPLETELY REMOVED FROM ENTIRE ASSEMBLY. SAND ENTIRE ASSEMBLY. FOLLOW WITH SPECIFIED ELECTROSTATIC COATINGS PER MANUFACTURER'S INSTRUCTIONS TO ALL METAL SURFACES. WHERE THE EXISTING FINISH IS INCOMPATIBLE WITH NEW SCHEDULED COATINGS, THE EXISTING FINISH SHALL BE COMPLETELY REMOVED. REMOVE AND REINSTALL EXISTING ASSEMBLY WITH NEW FINISH AND HARDWARE BACK TO EXISTING LOCATION. CONTRACTOR SHALL VERIFY IN FIELD ALL DOOR AND HARDWARE REQUIREMENTS.



100% DESIGN SUBMISSION 1/22/2020

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1	2/27/2020	ADDENDUM # 2
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SCHOOL & LOCATION

JOHN WELSH ELEMENTARY

SCHOOL

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PROJECT TITLE

CLASSROOM MODERNIZATION

DRAWING TITLE

OVERALL THIRD FLOOR PLAN

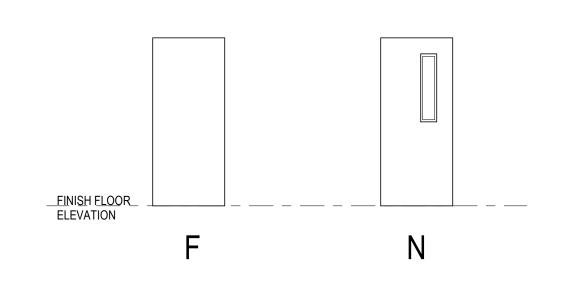
LOCATION NO.	FIL	E NO.
DRAWN BY	Ch	HECKED BY
B-013C B-015C	OF OF	2019 / 20 2019 / 20
DRAWING NO.		

			ROOM FIN	ISH SCHED	ULE				
					WALLS				
		COLOR			WALL	WAIN	ISCOT	CEILING	
NUMBER	NAME	SCHEME	FLOOR	BASE	FINISH	FINISH	HEIGHT	FINISH	REMARKS
FIRST FLOOR	{				1				
100	KINDERGARTEN CLASSROOM	А	VCT	VB	PNT			ACT/PNT	R53, R77
100A	TOILET	G	PT	CT	EPX2	CT	7'-0"	PNT	R52
100B	STORAGE	А	VCT	VB	PNT			PNT	
100C	COATS	А	VCT	VB	PNT			ACT	
102	KINDERGARTEN CLASSROOM	А	VCT	VB	PNT			ACT/PNT	R53, R77
102A	TOILET	G	PT	CT	EPX2	CT	7'-0"	PNT	R52
102B	STORAGE	А	VCT	VB	PNT			PNT	
102C	COATS	A	VCT	VB	PNT			ACT	
SECOND FLO	OR								
202	1ST GRADE CLASSROOM	В	VCT	VB	PNT			ACT/PNT	R53, R77
205	1ST GRADE CLASSROOM	В	VCT	VB	PNT			ACT/PNT	R53, R77
211	2ND GRADE CLASSROOM	С	VCT	VB	PNT			ACT/PNT	R53, R77
212	2ND GRADE CLASSROOM	С	VCT	VB	PNT			ACT/PNT	R53, R77
THIRD FLOOF									
300	3RD GRADE CLASSROOM	D	VCT	VB	PNT			ACT/PNT	R53, R77
303	3RD GRADE CLASSROOM	D	VCT	VB	PNT			ACT/PNT	R53, R77

					DOC	OR SCHED	ULE					
				DOOR			FRAME					
				DOOR	DIMENSIO	NS			FRAME			
OPENING	DOOR	EXISTING/	DOOR	SCHEDULED	WIDTH		FRAME	FRAME	SCHEDULED	GLAZING	HARDWARE	
NUMBER	TYPE	NEW	MATERIAL	FINISH	LEAF 1 LEAF 2	HEIGHT	TYPE	MATERIAL	FINISH	TYPE	SET	REMARKS
FIRST FLOOR	2		2					1			I	
100	N {	NEW	WD (PNT	3' - 0"	7' - 0"	ETR	HM	PNT	TG	JW-04	C, G
100A	F	ETR	WD	stu /	2' - 8"	7' - 0"	ETR	HM	PNT		JW-03	B, F, G
100B	F	ETR	WD	STN	2' - 6"	7' - 0"	ETR	HM	PNT		JW-02	B, F, G
102	N (NEW	} WD (PNT	3' - 0"	7' - 0"	ETR	HM	PNT	TG	JW-04	C, G
102A	F	ETR	WD	\ stn	2' - 8"	7' - 0"	ETR	HM	PNT		JW-03	B, F, G
102B	F	ETR	WD	STN	2' - 6"	7' - 0"	ETR	HM	PNT		JW-02	B, F, G
SECOND FLOO	OR		\								2	
202	N	NEW	WD	PNT	3' - 0"	7' - 0"	ETR	HM	PNT	TG	JW-04	C, G
205	N	NEW	WD	PNT	3' - 0"	7' - 0"	ETR	HM	PNT	TG	JW-04	C, G
211	N	NEW	WD	PNT	3' - 0"	7' - 0"	ETR	HM	PNT	TG	JW-04	C, G
212	N (NEW	WD	PNT	3' - 0"	7' - 0"	ETR	HM	PNT	√7G ✓	JW-04	C, G
THIRD FLOOR		-			·							-
300	N	NEW	WD	PNT	3' - 0"	7' - 0"	ETR	HM	PNT	TG	JW-04	C, G
303	N	NEW	WD	PNT	3' - 0"	7' - 0"	ETR	HM	PNT	TG	JW-04	C, G

DOOR TYPES

* - RECOMMENDED MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTER LINE OF FIRE EXIT DEVICE ** - COORDINATE WITH DOOR MANUFACTURE REQUIREMENTS



DOOR & BUILT-IN CABINET SCHEDULE NOTES:	*NOTE:	NOT ALL NOTES MAY NECESSARILY APPI
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.	1. REFER TO GENERAL PROJECT ALTERATION NOTES ON SHEET CS.2 FOR ADDITIONAL INFORMATION. 2. FINAL CORING AND KEYING SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE. 3. 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. 4. CONTRACTOR SHALL NOT REMOVE ANY COMPONENTS OF DOOR OR HARDWARE UNTIL ALL COMPONENTS OF NEW ASSEMBLY ARE PHYSICALLY ON SITE, INCLUDING CORES. 5. WHERE FINISH IS SCHEDULED, REFER TO FINISH SCHEDULE FOR COLOR SELECTION. 6. DOORS SHALL BE SHAVED DOWN AS REQUIRED TO ACCEPT NEW HARDWARE AND/OR ALLOW FOR USE UNOBSTRUCTED.	ETR EXISTING TO REMAIN ALUM ALUMINUM STL STEEL WD WOOD HM HOLLOW METAL IG INSULATED GLASS TG TEMPERED GLASS RG RATED GLASS PER UL MDF MEDIUM DENSITY FIBERBOAF TB TACKBOARD WS WIRE SCREEN (MATCH EXIST PNT PAINT STN STAIN CLN CLEAN ONLY

COLOR SCHEME SCHEDULE

COLOR SCHEME A – KINDERGARTEN CLASSROOMS-ORANGE & GREEN

1. WALL PAINT: SHERWIN WILLIAMS. NO. SW7044 AMAZING GRAY 2. ACCENT PAINT 'A' STORAGE: SHERWIN WILLIAMS, NO. SW9171 FELTED WOOL 3. ACCENT PAINT 'B' TEACHING WALL: SHERWIN WILLIAMS, NO. SW6890 OSAGE ORANGE 4. VINYL COMPOSITION TILE, FIELD: ARMSTRONG, NO. 51803 PEARL WHITE 5. VINYL COMPOSITION TILE, ACCENT '1': ARMSTRONG, NO. 51866 LITTLE GREEN APPLE 6. VINYL COMPOSITION TILE, ACCENT '2': ARMSTRONG, NO. 51947 BASIL GREEN

8. VINYL BASE: JOHNSONITE, NO. 469 MYSTIFY SEE ENLARGED FLOOR PLANS FOR FLOOR PATTERNS AND ACCENT WALL COLOR LOCATIONS.

COLOR SCHEME B – FIRST GRADE & SPECIAL EDUCATION

CLASSROOMS-BLUE & RED 1. WALL PAINT: SHERWIN WILLIAMS, NO. SW7044 AMAZING GRAY 2. ACCENT PAINT 'A' STORAGE: SHERWIN WILLIAMS, NO. SW9171 FELTED WOOL 3. ACCENT PAINT 'B' TEACHING WALL: SHERWIN WILLIAMS, NO. SW6765 SPA 4. VINYL COMPOSITION TILE, FIELD: ARMSTRONG, NO. 51803 PEARL WHITE 5. VINYL COMPOSITION TILE, ACCENT '1': ARMSTRONG, NO. 51927 FIELD GRAY 6. VINYL COMPOSITION TILE, ACCENT '2': ARMSTRONG, NO. 57509 LEMON LICK 7. VERTICAL CASEWORK WOOD FINISH: COLOR TO BE SELECTED BY OWNER.

COLOR SCHEME C – SECOND GRADE

CLASSROOMS-BLUE & ORANGE 1. WALL PAINT: SHERWIN WILLIAMS, NO. SW6233 SAMOVAR SILVER 2. ACCENT PAINT 'A' STORAGE: SHERWIN WILLIAMS, NO. SW9143 CADET 3. ACCENT PAINT 'B' TEACHING WALL: SHERWIN WILLIAMS, NO. SW6767 AQUARIUM 4. VINYL COMPOSITION TILE, FIELD: ARMSTRONG, NO. 51860 SOFT COOL GRAY 5. VINYL COMPOSITION TILE, ACCENT '1': ARMSTRONG, NO. 51927 FIELD GRAY 6. VINYL COMPOSITION TILE, ACCENT '2': ARMSTRONG, NO. 57516 SCREAMIN' PUMPKIN 7. VERTICAL CASEWORK WOOD FINISH: **COLOR TO BE SELECTED BY OWNER.**

SEE ENLARGED FLOOR PLANS FOR FLOOR PATTERNS AND ACCENT WALL COLOR LOCATIONS.

COLOR SCHEME D – THIRD GRADE CLASSROOMS-BLUE & YELLOW 1. WALL PAINT: SHERWIN WILLIAMS, NO. SW6233 SAMOVAR SILVER

8. VINYL BASE: JOHNSONITE, NO. 262 DRIZZLE

1. WALL PAINT: SHERWIN WILLIAMS, NO. SW7029 AGREEABLE GRAY 4. PORCELAIN WALL TILE, ACCENT '1': DALTILE, SEMI-GLOSS GLAZED TILE, Q151 TOTALLY TANGERINE 5. PORCELAIN WALL TILE, ACCENT '2': DALTILE, SEMI-GLOSS GLAZED TILE, Q097 ORANGE BURST

GENERAL NOTES:

THE FOLLOWING MATERIALS ARE TO BE APPLIED AT ALL LOCATIONS WHERE SPECIFIED

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 7. NOT USED.

8. PREVIOUSLY PAINTED METAL TIERED COAT HOOKS & PREVIOUSLY PAINTED STUDENT CUBBIES SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR.

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

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.

7. VERTICAL CASEWORK WOOD FINISH: COLOR TO BE SELECTED BY OWNER.

8. VINYL BASE: JOHNSONITE, NO. 469 MYSTIFY SEE ENLARGED FLOOR PLANS FOR FLOOR PATTERNS AND ACCENT WALL COLOR LOCATIONS.

8. VINYL BASE: JOHNSONITE, NO. 262 DRIZZLE

2. ACCENT PAINT 'A' STORAGE: SHERWIN WILLIAMS, NO. SW9143 CADET 3. ACCENT PAINT 'B' TEACHING WALL: SHERWIN WILLIAMS, NO. SW6903 CHEERFUL 4. VINYL COMPOSITION TILE, FIELD: ARMSTRONG, NO. 51860 SOFT COOL GRAY 5. VINYL COMPOSITION TILE, ACCENT '1': ARMSTRONG, NO. 57517 BODACIOUS BLUE 6. VINYL COMPOSITION TILE, ACCENT '2': ARMSTRONG, NO. 59230 VICTORIA BLUE 7. VERTICAL CASEWORK WOOD FINISH: COLOR TO BE SELECTED BY OWNER.

SEE ENLARGED FLOOR PLANS FOR FLOOR PATTERNS AND ACCENT WALL COLOR LOCATIONS.

COLOR SCHEME E

COLOR SCHEME F NOT USED

COLOR SCHEME G

BATHROOMS 2. PORCELAIN FLOOR TILE: DALTILE, EVER PORCELIAN, COLOR: EV03 ARCTIC UNPOLISHED 3. PORCELAIN WALL TILE, FIELD: DALTILE, SEMI-GLOSS GLAZED TILE, 0182 SUEDE GRAY 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.

UNLESS OTHERWISE NOTED: 1. TACK BOARDS: CLARIDGE FABRICORK, KL498 WINTHROPE 2. ROLLER WINDOW SHADES: MERMET, GREENSCREEN REVIVE, 5% OPEN, COLOR: 0.22 STONE

DISPLAY BOARD TRIM, ETC.: COLOR TO MATCH EXISTING AND FIELD VERIFIED BY ARCHITECT/OWNER.

9. PAINTED ROOM NUMBERS (WHERE OCCURS): BLACK

SEE INTERIOR ELEVATIONS FOR PAINTED ROOM NUMBER LOCATIONS.

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.

ADJACENT WALL COLOR, UNLESS OTHERWISE NOTED. E. COORDINATE ROOM FINISH SCHEDULE AND COLOR SCHEME SCHEDULE WITH DEMO/ALTERATION NOTES.

THE SCHOOL DISTRICT OF PHILADELPHIA

OFFICE OF CAPITAL PROGRAMS

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

SEAL:

ROOM FINISH SCHEDULE LEGEND

PORCELAIN TILE

CERAMIC TILE

CERAMIC TILE

VINYL

BASE REMARKS

R26-R50: NOT USED

WALL FINISH

EPX EPOXY PAINT

WALL REMARKS

R54-R75: NOT USED

CEILING FINISH

CEILING REMARKS

R78-R100: NOT USED

DETAILS.

ITEMS)

BE PAINTED.

GENERAL NOTES

NOT USED

PAINT

NOT USED

MATERIALS.

R53: PROVIDE ACCENT WALL.

ACOUSTICAL CEILING TILE

PNT PAINTED GYPSUM WALLBOARD/PLASTER

CEILING MATERIALS AND HEIGHTS.

1. REFER TO SPECIFICATIONS FOR DETAILED

EXTERIOR, SHALL BE PAINTED.

FLOOR PATTERN PLANS.

8. EXIST = EXISTING

7. ETR = EXISTING TO REMAIN

DESCRIPTION OF FINISH SYSTEM/TYPES.

SEE INTERIOR ELEVATIONS FOR VARYING WALL

SEE REFLECTED CEILING PLANS FOR VARYING

2. REFER TO WALL TYPES FOR MASONRY LOCATIONS AND

3. GYPSUM WALLBOARD BULKHEADS AND SOFFITS SHALL

4. ALL HOLLOW METAL DOOR AND FRAMES, INTERIOR AND

INCLUDING LINTELS, RAILINGS, GRILLES AND LOUVERS. (DOES NOT INCLUDE FACTORY OR PRE-FINISHED

5. ALL INTERIOR FERROUS METAL SHALL BE PAINTED

6. SEE I7 DRAWINGS FOR MATERIAL TRANSITIONS &

VINYL COMPOSITION TILE

FLOOR FINISH

FLOOR REMARKS

R1-R25: NOT USED

BASE FINISH

VCT

VB

PNT

R52:



R. JEFFREY STRAUB STATE AND LICENSE NO: RA403652

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100% DESIGN SUBMISSION <u>1/22/2020</u>

2 | 2/27/2020 | ADDENDUM # 2

NO. DATE REVISION SCHOOL & LOCATION JOHN WELSH ELEMENTARY

1 2/20/2020 ADDENDUM # 1

MAILING ADDRESS: 2331 N 4TH STREET, PHILADELPHIA, PA 19133 DEED ADDRESS: 2331-57 N 4TH STREET, PHILADELPHIA, PA 19133-2900

PROJECT TITLE CLASSROOM

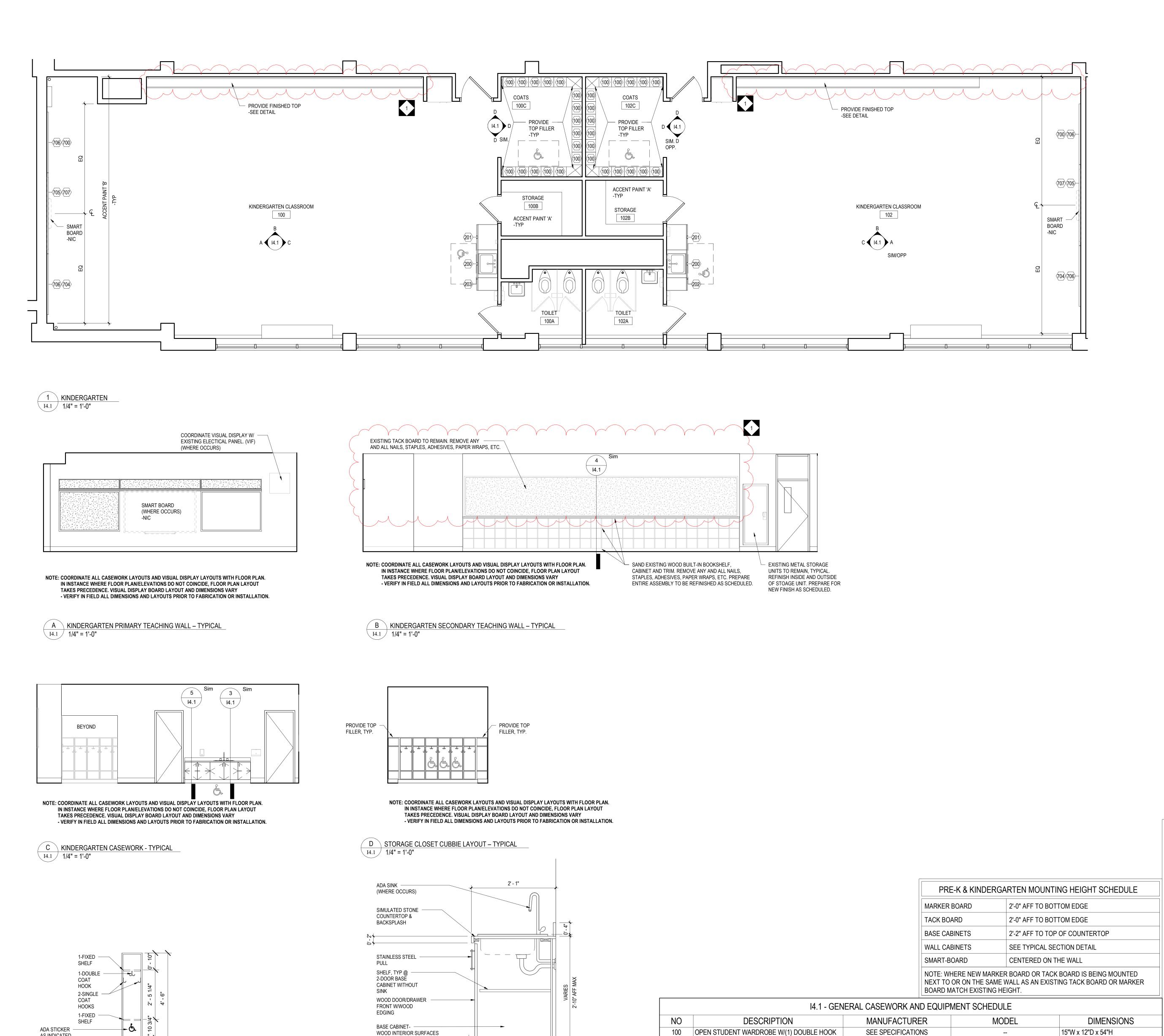
SCHOOL

MODERNIZATION

DRAWING TITLE

ROOM FINISH & DOOR SCHEDULE

FILE NO. LOCATION NO. DRAWN BY CHECKED BY B-013C OF 2019 / 20 B-015C OF 2019 / 20 DRAWING NO.



2' - 0"

3 NEW WOOD ADA SINK BASE DETAIL

\ I4.1 \ \ 1" = 1'-0"

& (2) SINGLE HOOKS EACH. MODIFIED TO INCLUDE

SEE SPECIFICATIONS

SEE SPECIFICATIONS

SEE SPECIFICATIONS

SEE SPECIFICATIONS

OWNER SUPPLIED, GC INSTALLED

33"W x 24"D x 26"H

30"W x 24"D x 26"H

15"W x 24"D x 26"H

15"W x 24"D x 26"H

6'-0"W x 4'-0"H

6'-0"W x 4'-0"H

8'-0"W x 1'-0"H

6'-0"W x 1'-0"H

WIDTH TO FIT x 2"H

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SEE SPECIFICATIONS

SEE SPECIFICATIONS

SEE SPECIFICATIONS

SEE SPECIFICATIONS

SEE SPECIFICATIONS

(2) FIXED SHELVES. SEE CUBBIE DETAIL.

1-DOOR BASE CABINET - LEFT HINGED

700 MARKERBOARD W/ALUMINUM FRAME

705 TACK BOARD W/ALUMINUM FRAME

706 TACK BOARD W/ALUMINUM FRAME

TACK BOARD W/ALUMINUM FRAME

1-DOOR BASE CABINET - RIGHT HINGED

200 2-DOOR SINK BASE CABINET

201 2-DOOR BASE CABINET

704

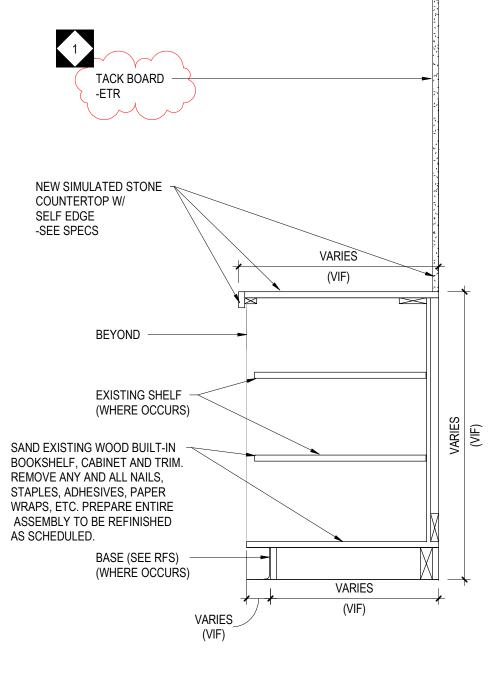
707 TACK STRIP

AS INDICATED

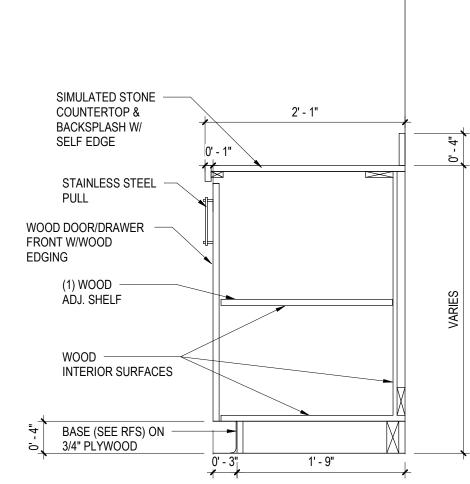
I4.1 1/2" = 1'-0"

2 SINGLE STUDENT LOCKER ELEVATION - TYPICAL

ON PLANS



4 EXISTING WOOD OPEN BASE CABINET DETAIL



5 NEW WOOD BASE & WALL CABINET DETAIL

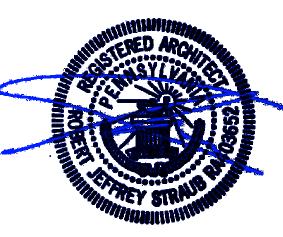
GENERAL NOTES TO APPLY TO ALL 14 DRAWINGS

- 1. MOUNTING HEIGHT SCHEDULE IS APPLICABLE TO MOST ROOMS. IN INSTANCE WHERE NOTE/DETAILS ON DRAWINGS DO NOT COINCIDE WITH THE SCHEDULE. THE DRAWINGS
- TAKE PRECEDENCE. 2. ALL BASE CABINETS SHALL RECEIVE A CONTINUOUS 1-1/8" THICK SIMULATED STONE COUNTERTOP WITH A 4"H BACKSPLASH UNLESS NOTED OTHERWISE. THE DEPTH OF THE COUNTERTOP SHALL EXTEND 3/4" PAST THE DEPTH OF THE BASE CABINET. 3. COUNTERTOPS THAT RETURN INTO A WALL(S) SHALL RECEIVE BACKSPLASH THAT WRAPS
- CORNER ALONG WALL(S). 4. WHERE COLUMNS, WINDOWS OR OTHER BUILDING COMPONENTS CONFLICT WITH CASEWORK DIMENSIONAL REQUIREMENTS. FIELD VERIFY DIMENSIONS AND PROVIDE
- CUSTOM UNIT TO ALLOW PROPER FITTING. . ALL EXPOSED ENDS OF CASEWORK SHALL RECEIVE FINISHED END PANELS.
- 6. COLOR FOR INTERIOR OF OPEN CABINETS SHALL MATCH EXTERIOR COLOR. 7. ALL VISUAL DISPLAY AREAS (MARKER BOARDS AND/OR TACK BOARDS) 10'-0"W OR LONGER SHALL RECEIVE 2"H MAP RAIL THAT SPANS FROM VERTICAL EDGE TO VERTICAL EDGE.
- 8. PROVIDE WOOD BLOCKING IN METAL STUD WALLS, PER MANUFACTURER'S RECOMMENDATIONS, TO RECEIVE THE SMART BOARD WALL BRACKET. 9. IN ROOMS RECEIVING RESILIENT BASE, ADHERE TO ALL WALLS, BASE CABINET TOE KICKS,
- AND EXPOSED END PANELS. REFER TO SPECIFICATIONS FOR LOCATION OF 4" AND 6" BASE. 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.

THE SCHOOL DISTRICT OF PHILADELPHIA

OFFICE OF CAPITAL PROGRAMS

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



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	1	2/20/2020	ADDENDUM # 1
_	NO.	DATE	REVISION

SCHOOL & LOCATION JOHN WELSH ELEMENTARY **SCHOOL**

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PROJECT TITLE CLASSROOM

MODERNIZATION

DRAWING TITLE

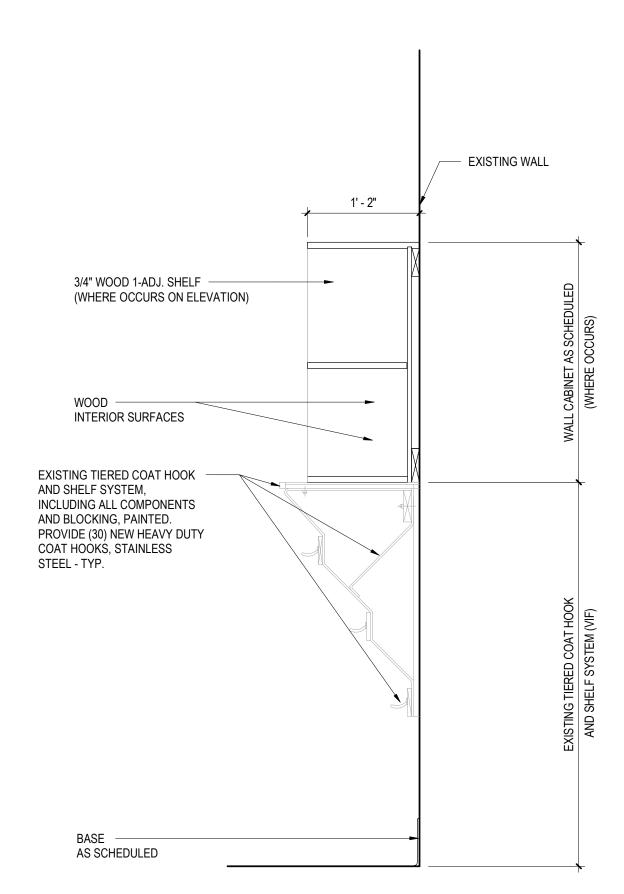
LARGE SCALE LAYOUTS -**KINDERGARTEN**

LOCATION NO.	FILI	E NO.
DRAWN BY	СН	ECKED BY
B-013C B-015C	OF OF	2019 / 20 2019 / 20
DRAWING NO.		

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

EXISTING METAL STORAGE
UNITS TO REMAIN, TYPICAL.
REFINISH INSIDE AND OUTSIDE
OF STOAGE UNIT. PREPARE FOR
NEW FINISH AS SCHEDULED.

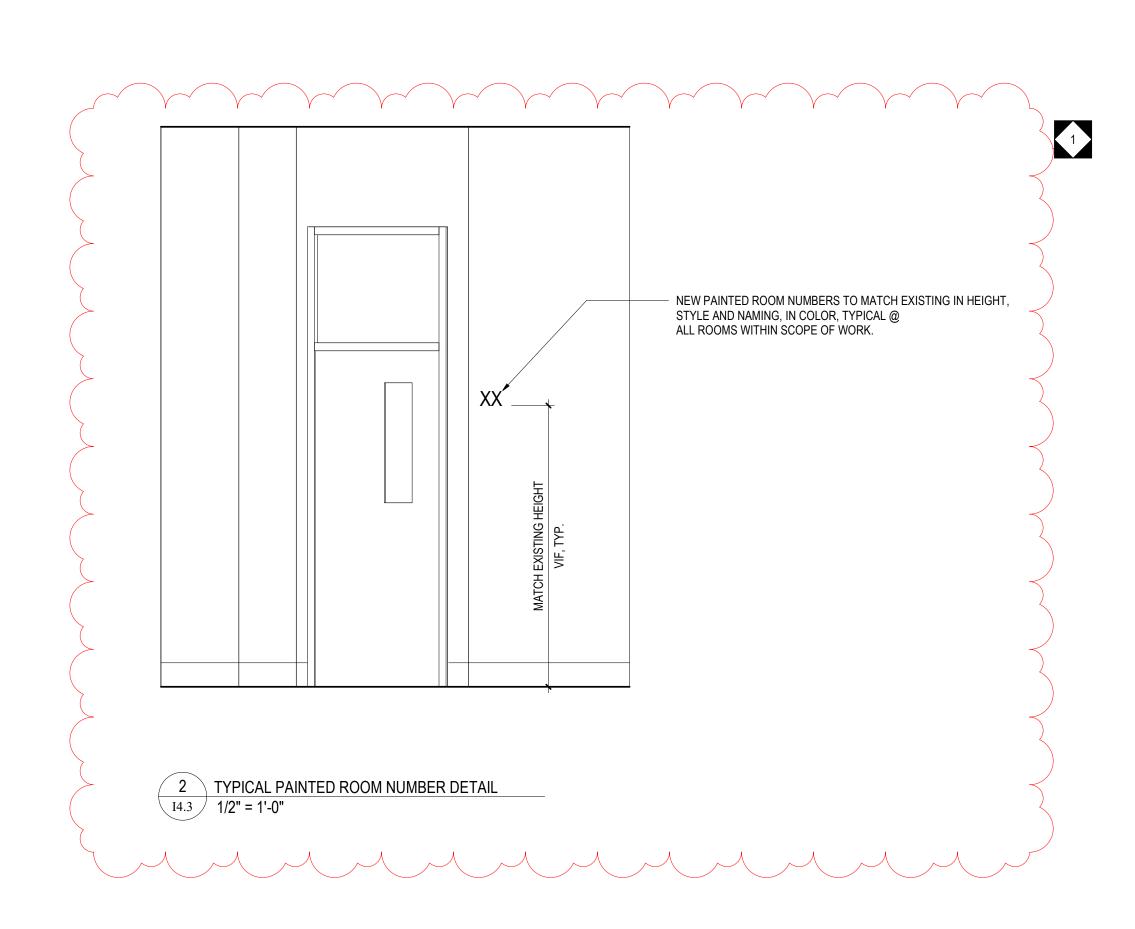
A PRIMARY TEACHING WALL – TYPICAL 14.3 1/4" = 1'-0"

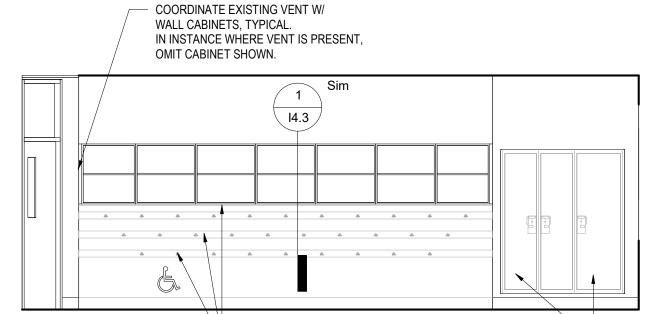


1 WOOD WALL CABINET & EXISTING 3-TIER SHELF DETAIL
14.3 1" = 1'-0"

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

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





SAND EXISTING WOOD/METAL 3-TIER HOOK AND SHELF SYSTEM.
REMOVE ANY AND ALL NAILS, STAPLES, ADHESIVES, PAPER
WRAPS, ETC. PREPARE ENTIRE ASSEMBLY TO BE REFINISHED AS
SCHEDULED. REMOVE ALL HOOKS AND RETURN TO OWNER.
PROVIDE (30) NEW HEAVY DUTY DOUBLE WARDROBE COAT HOOKS,
STAINLESS STEEL. HOOK SHALL BE INSTALLED EVENLY ON EXISTING
TIERS. VERIFY HOOK SPACING WITH OWNER BEFORE INSTALLATION.

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

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

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PROJECT TITLE

CLASSROOM

MODERNIZATION

DRAWING TITLE

INTERIOR ELEVATIONS & DETAILS

LOCATION NO.	FILI	E NO.
DRAWN BY	СН	IECKED BY
B-013C B-015C	OF OF	2019 / 20 2019 / 20
DRAWING NO.		

MARKER BOARD

2'-6" AFF TO BOTTOM EDGE

TACK BOARD

2'-6" AFF TO BOTTOM EDGE

WALL CABINETS

SEE TYPICAL SECTION DETAIL

SMART-BOARD

CENTERED ON THE WALL

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

GRADE 1-3 MOUNTING HEIGHT SCHEDULE

Interior Lighting Compliance Statement

Compliance Statement. The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1,1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

ntal Proposed Watts =

Name - Title

ELECTRICAL GENERAL NOTES

- INSTALLATION OF ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING REGULATIONS, CODES, ETC. A. LOCAL CODES AND ORDINANCES
- B. PENNSYLVANIA UNIFORM CONSTRUCTION CODE (PA UCC)
- C. PHILADELPHIA EXISTING BUILDING CODE (2018) D. INTERNATIONAL BUILDING CODE (IBC 2018)
- E. PHILADELPHIA ENERGY CONSERVATION CODE F. PHILADELPHIA FIRE CODE
- G. PHILADELPHIA ELECTRICAL CODE
- H. PHILADELPHIA PERFORMANCE CODE I. PENNSYLVANIA DEPARTMENT OF EDUCATION REGULATION J. NATIONAL ELECTRICAL CODE (NEC 2017) NFPA 70.
- BEFORE SUBMITTING BIDS, THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL ADJOINING EXISTING BUILDINGS, EQUIPMENT, AND SPACE CONDITIONS ON WHICH HIS WORK IS IN ANY WAY DEPENDENT FOR THE BEST WORKMANSHIP AND OPERATION ACCORDING TO THE INTENT OF THE SPECIFICATIONS AND DRAWINGS. CONTRACTOR SHALL REPORT TO THE ARCHITECT/ENGINEER ANY CONDITION WHICH MIGHT PREVENT HIM FROM INSTALLING HIS EQUIPMENT IN THE MANNER SPECIFIED OR AS SHOWN IN CONTRACT DOCUMENTS TEN BUSINESS DAYS PRIOR TO SUBMISSION OF BIDS. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR FAILURE TO VISIT THE SITE, NOR FOR ANY ALLEGED MISUNDERSTANDING OF MATERIALS TO BE FURNISHED OR WORK TO BE PERFORMED. THE CONTRACTOR SHALL
- INCLUDE IN HIS BID PRICE ALL LABOR AND MATERIAL THAT MAY EFFECT HIS WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCOVERED CONFLICTS BETWEEN EXISTING INSTALLATIONS WHICH ARE NOT SCHEDULED FOR DEMOLITION AND THE NEW WORK INDICATED WITHIN THE CONTRACT DOCUMENTS. SUCH NOTIFICATION SHALL BE ACCOMPANIED BY A DRAWING DELINEATING THE PROPOSED SOLUTION PRIOR TO STARTING ANY WORK IN THE AFFECTED AREA.
- PRIOR TO BEGINNING ANY WORK, SECURE NECESSARY PERMITS OR CLEARANCES FROM THE AUTHORITIES HAVING JURISDICTION. PROVIDE ALL LABOR AND MATERIALS FOR A COMPLETE INSTALLATION. WORK SHALL BE EXECUTED BY EXPERIENCED ELECTRICIANS WHO ARE LICENSED IN THE JURISDICTION WHERE THE PROJECT IS LOCATED.
- CONTRACTOR TO PROVIDE SUFFICIENT NOTICE TO THE OWNER'S REPRESENTATIVE PRIOR TO ANY WORK TO ALLOW ADEQUATE TIME FOR COORDINATION OF EXISTING BUILDING ACTIVITIES WITH THE CONSTRUCTION WORK. CONTRACTOR TO INCLUDE IN THEIR SCOPE ALL LABOR, MATERIALS, SERVICES, APPARATUS AND SHOP DRAWINGS IN ADDITION TO THE CONTRACT DOCUMENTS AS REQUIRED TO COMPLY WITH ALL APPLICABLE GOVERNING LAWS, CODES
- AND JURISDICTION REQUIREMENTS. PROVIDE ELECTRICAL EQUIPMENT WITH ALL ASSOCIATED ACCESSORIES, BRANCH CIRCUIT WIRING AND CONDUIT INFRASTRUCTURE AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM. CONTRACTOR SHALL PROVIDE WRITTEN CERTIFICATION THAT ALL PRODUCTS, MATERIALS AND PROCESSES INSTALLED IN THE SPACE CONTAINS NO ASBESTOS OR PCB.
- DELIVER PRODUCTS TO PROJECT SITE IDENTIFIED WITH NAMES, MODEL NUMBERS, TYPES, GRADES, COMPLIANCE LABELS, AND OTHER INFORMATION NEEDED FOR DISTINCT IDENTIFICATION; ADEQUATELY PACKAGED AND PROTECTED TO PREVENT DAMAGE DURING SHIPMENT, STORAGE, AND HANDLING. PROTECT STORED EQUIPMENT AND MATERIALS FROM DAMAGE. COMPLY WITH MANUFACTURER'S RIGGING AND MOVING INSTRUCTIONS FOR UNLOADING EQUIPMENT AND MOVING INTO FINAL LOCATION.
- ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY. COORDINATE WITH EQUIPMENT VENDOR TO VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS PRIOR TO INSTALLATION. 10. ALL EQUIPMENT SUCH AS RELAYS, SWITCHES, PANELS, AND OTHER APPURTENANCES SHALL HAVE IDENTIFICATION PLATES OF BLACK LAMINATED PLASTIC WITH 1/2" WHITE LETTERS. ALL JUNCTION BOXES IN CEILING CAN BE MARKED
- WITH BLACK PERMANENT MARKER ON COVER PLATES AS PANEL DESIGNATION AND CIRCUIT NUMBER FROM WHICH THEY ARE FED. 11. ALL CONDUCTORS SHALL BE IDENTIFIED. ALL WIRING DEVICES SHALL BE USED WITH TYPED LABEL ON THE COVER PLATE IDENTIFYING THE PANEL DESIGNATION AND CIRCUIT NUMBER FROM WHICH THEY ARE FED.
- 12. CONTROL WIRING SHALL BE TAGGED AT EACH END AND TERMINATED WHERE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH EQUIPMENT MANUFACTURES SPECIFICATIONS.
- 13. ALL CONNECTIONS TO DEVICES SHALL BE TAPED WITH SCOTCH 33 ELECTRICAL TAPE.
- 14. ALL EQUIPMENT SHALL BE "UL" LISTED. 15. ALL DEVICES, FIXTURES AND MATERIALS INSTALLED IN A PLENUM RATED ENVIRONMENT SHALL BE LISTED FOR THE
- 16. ALL MATERIALS AND WORK SHALL BE ACCORDING TO PROJECT SPECIFICATIONS UNLESS OTHERWISE NOTED. 17. IF MATERIAL OR EQUIPMENT IS INSTALLED BEFORE IT IS APPROVED, THE CONTRACTOR SHALL BE LIABLE FOR ITS REMOVAL AND REPLACEMENT AT NO ADDITIONAL CHARGE OR IF IN THE OPINION OF THE ARCHITECT OR ENGINEER. THE MATERIAL OR EQUIPMENT DOES NOT MEET THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.
- 18. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION, ELEVATION, MOUNTING HEIGHTS AND DETAILS OF ALL LIGHT FIXTURES AND DEVICES. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
- 19. VERIFY DOOR SWINGS BEFORE INSTALLING LIGHT SWITCHES. 20. MAINTAIN INTEGRITY OF THE FIRE RATED CONSTRUCTION WHERE CONDUITS PASS THROUGH WALLS AND FLOORS. 21. UNLESS OTHERWISE NOTED ON PLAN, LIGHTING FIXTURES SHALL BE INDIVIDUALLY SUPPORTED FROM THE CEILING SLAB ABOVE OR SUPPORTED BY THE CEILING FRAMING MEMBERS PROVIDED THE SUSPENDED CEILING IS INSTALLED IN
- 22. INSTALLATION OF EQUIPMENT, COMPONENTS AND WIRING FOR ELECTRICAL SYSTEMS SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF FOUIPMENT MANUFACTURER
- 23. CONTRACTOR'S SCOPE OF WORK INCLUDES TRACING ALL EXISTING CIRCUITS IN THE CONSTRUCTION AREA BACK TO SOURCE. IF REMOVAL OF EXISTING ELECTRICAL EQUIPMENT AFFECTS ANY EXISTING CIRCUITS, CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS, WIRING, CONDUIT, ETC. REQUIRED TO RECONNECT EXISTING-TO-REMAIN ELECTRICAL
- EQUIPMENT BACK TO SOURCE. 24. THE CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN SHALL BE MAINTAINED. 25. ELECTRICAL SYSTEMS SHALL BE GROUNDED PER ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- 26. ALL CONDUCTORS SHALL BE COPPER. MINIMUM SIZE SHALL BE #12 AWG. CONDUCTOR #10 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED. CONDUCTOR SHALL HAVE THHN/THWN INSULATION OR AS NOTED.
- 27. CONTRACTOR TO PROVIDE ALL LIGHT FIXTURE AND EQUIPMENT WITH INTEGRAL OR REMOTE MOUNTED ACCESSORY DEVICES WITH ALL NECESSARY COMPONENTS, BRANCH CIRCUIT WIRING AND CONDUITS TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM. CONTRACTOR TO MAKE ALL FINAL CONNECTIONS TO THE EQUIPMENT.
- 28. GANG ALL SWITCHES SHOWN TO BE INSTALLED AT SAME LOCATION UNDER A SINGLE COVER PLATE. 29. ALL BACK BOXES INSTALLED IN DRY WALL PARTITION SHALL BE STAGGERED. BACK-TO-BACK INSTALLATION IS NOT PERMITTED.
- 30. PROVIDE ACCESS PANELS IN ALL INACCESSIBLE JUNCTION BOXES AS REQUIRED BY THE N.E.C. 31. CONTRACTOR TO COORDINATE ELECTRICAL WORK TO AVOID INTERFERENCE BETWEEN ALL OTHER TRADES. A. DETERMINE INTERFERENCE BEFORE WORK IS FABRICATED OR INSTALLED. THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH ALL DETAILS OF WORK AND WORKING CONDITIONS AND COORDINATE WORK DURING PRELIMINARY STAGES TO ENSURE ACTUAL ERECTION WILL PROCEED WITHOUT INTERFERENCE. COORDINATION IS
- REQUEST IS BASED ON INTERFERENCE. B. WHERE JOB CONDITIONS REQUIRE REASONABLE DEVIATIONS FROM CONTRACT DOCUMENTS, MAKE DEVIATIONS

OF PARAMOUNT IMPORTANCE AND NO REQUESTS FOR ADDITIONAL PAYMENT WILL BE CONSIDERED WHERE

- WITHOUT ADDITIONAL COST TO OWNER, AFTER OBTAINING APPROVAL OF ARCHITECT. C. PROVIDE MAXIMUM PRACTICAL SPACE FOR OPERATION, REPAIR, REMOVAL, AND TESTING OF ELECTRICAL EQUIPMENT. APPROVED DEVIATIONS MAY BE MADE TO PROVIDE REQUIRED ACCESSIBILITY.
- D. KEEP CONDUITS, WIREWAYS AND SIMILAR ITEMS AS CLOSE AS POSSIBLE TO CEILING, WALLS AND COLUMNS IN ORDER TO TAKE UP MINIMUM AMOUNT OF SPACE. E. PROVIDE OFFSETS, FITTINGS AND SIMILAR ITEMS NECESSARY TO ACCOMPLISH REQUIREMENTS OF COORDINATION WITHOUT ADDITIONAL EXPENSE TO OWNER.
- F. PROVIDE ACCESS TO AND CLEARANCES AROUND EQUIPMENT AS REQUIRED BY THE N.E.C.
- A. TEST AND ADJUST EQUIPMENT AND SYSTEMS INSTALLED AND DEMONSTRATE PROPER OPERATION TO OWNER'S REPRESENTATIVE. NO EQUIPMENT SHALL BE TESTED OR OPERATED FOR ANY PURPOSE UNTIL IT HAS BEEN FULLY PREPARED FOR OPERATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. SHOW, BY DEMONSTRATION IN SERVICE, THAT ALL CIRCUITS AND DEVICES ARE IN GOOD OPERATING CONDITION. EACH PIECE OF EQUIPMENT AND COMPONENT OF THE ELECTRICAL SYSTEM SHALL FUNCTION NOT LESS THAN FIVE TIMES IN COURSE OF THE ACCEPTANCE TESTS. C. FUNCTIONAL TESTING FOR LIGHTING CONTROL SYSTEM SHALL BE IN ACCORDANCE WITH IECC. THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED,
- PROGRAMMED, AND IN PROPER WORKING CONDITION, PER CONSTRUCTION DOCUMENTS AND FACTORY INSTRUCTIONS.

BRANCH CIRCUIT WIRE SIZING

(20 AMPERE SINGLE PHASE CIRCUITS) (1) (4)						
LENGTH OF RUN 5	HOME RUN SIZE 2	CIRCUIT WIRE SIZE 3				
120 VOLT SYSTEM						
0' - 50'	#12	#12				
50' - 100'	#10	#12				
100' - 175'	#8	#10				
175' - 300'	#6	#8				
208 OR 240 VOLT SYS	TEM					
0' - 125'	#12	#12				
125' - 200'	#10	#12				
200' - 300'	#8	#10				

- WIRE SIZING CHART NOTES WIRING FOR BRANCH CIRCUITS PROTECTED BY 20 AMPERE OVERCURRENT PROTECTIVE DEVICES SHALL BE SIZED IN ACCORDANCE WITH THE ABOVE TABLE(UON). WIRING FOR OTHER BRANCH CIRCUITS SHALL BE SIZED AS SHOWN ON DRAWINGS. EQUIPMENT GROUNDING CONDUCTOR SHALL BE SIZED THE SAME AS THE HOMERUN/CIRCUIT CONDUCTOR.
- HOMERUN LENGTH SHALL BE FROM THE PANELBOARD TO THE CLOSEST OUTLET, DEVICE OR FIXTURE ON THE CIRCUIT.
- CIRCUIT LENGTH SHALL BE FROM THE CLOSEST TO THE FARTHEST OUTLET, DEVICE OR FIXTURE.
- PROVIDE CODE COMPLIANT MEANS OF REDUCING CONDUCTOR SIZE AS NEEDED FOR TERMINATIONS. PROVIDE ADDITIONAL JUNCTION BOXES, SPLICES, LUGS, ETC. AS NEEDED.
- LENGTH OF RUN REFERS TO THE LENGTH OF THE HOMERUN OR THE LENGTH OF THE CIRCUIT (WITH EACH DEFINED IN NOTES 2 & 3).

ELECTRICAL GENERAL DEMOLITION NOTES

- A. THE GENERAL EXTENT OF EXISTING ELECTRICAL WORK TO BE DISMANTLED AND REMOVED OR REUSED ARE INDICATED ON THE DRAWINGS.
- B. ALL COMPONENTS ASSOCIATED WITH SYSTEMS AND EQUIPMENT TO BE REMOVED MAY NOT BE SPECIFICALLY INDICATED. REMOVE ALL ASSOCIATED ELECTRICAL ACCESSORIES AND COMPONENTS INCLUDING BUT NOT LIMITED TO HANGERS, WIRING, CONDUIT, BOXES AND ALL ADDITIONAL MISCELLANEOUS ITEMS RELATED TO THE EXISTING EQUIPMENT INDICATED TO BE REMOVED OR RELOCATED. REMOVE ALL ASSOCIATED WIRING AND CONDUIT BACK TO THE SOURCE OF SUPPLY IN EXISTING CIRCUITS WHICH ARE TO BE DEMOLISHED. UNLESS SPECIFICALLY INDICATED, NO EQUIPMENT, MATERIALS OR ASSOCIATED COMPONENTS SHALL BE ABANDONED IN PLACE.
- C. ABANDON ALL CONDUITS CONCEALED IN CONCRETE WALLS OR SLABS. REMOVE ALL WIRING FROM ABANDONED CONDUITS BACK TO SOURCE OF SUPPLY.
- D. ALL EXISTING ABANDONED RECESSED EMPTY BACKBOXES LOCATED IN WALL WITHIN THE SCOPE OF WORK SHALL BE PROVIDED WITH NEW COVER PLATES, PROVIDE TOUCH-UP PAINT AND FINISH PAINTING AS REQUIRED IN THE AREAS AS AFFECTED. NEW FINISH AND QUALITY TO MATCH ADJACENT AREAS CONSTRUCTION.

2. DISPOSAL OF DEMOLITION:

A. CONTRACTOR SHALL CLEAN THE PROJECT SITE AT THE END OF EACH WORKING DAY. NOTIFY THE BUILDING OWNER PRIOR TO DISPOSAL OF DEMOLISHED MATERIALS TO ALLOW SALVAGE OF ANY USABLE MATERIALS. AFTER INSPECTION FROM THE OWNER'S REPRESENTATIVE, ALL UNUSED MATERIALS SHALL BE REMOVED FROM THE JOB SITE WITH DISPOSAL IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS AND REGULATIONS.

3. PROTECTION:

A. PROTECT FROM DAMAGE ALL EXISTING EQUIPMENT, DEVICES AND MATERIALS TO REMAIN. ANY EXISTING MATERIALS AND EQUIPMENT DAMAGED DURING THE COURSE OF THE CONSTRUCTION PROCESS SHALL BE REPLACED WITH MATERIALS AND EQUIPMENT CONFORMING TO EXISTING SPECIFICATIONS AT NO ADDITIONAL COST TO THE OWNER.

4. TERMINATION AND PATCHING:

- A. DISCONNECT EXISTING EQUIPMENT AND DEVICES WITH ASSOCIATED ACCESSORIES, CONDUIT AND WIRING BACK TO SOURCE OF SUPPLY.
- B. WHERE EXISTING FLOORS, WALLS AND ROOFS MUST BE CUT OR ARE DAMAGED DURING THE CONSTRUCTION PROCESS. PATCH THE CUT OR DAMAGED AREAS TO MATCH THE ADJACENT CONSTRUCTION.
- C. THE CONTINUITY OF ALL EXISTING CONDUITS AND FEEDERS SERVICING AREAS AND EQUIPMENT TO REMAIN SHALL BE MAINTAINED. MODIFY THE EXISTING CIRCUITS IF REQUIRED IN ORDER TO MAINTAIN THE EXISTING CIRCUITRY.

GENERAL LIGHTING FIXTURE SCHEDULE NOTES

- PROVIDE FIXTURES WITH ALL NECESSARY ACCESSORIES TO ENSURE A COMPLETE AND OPERATIONAL
- COORDINATE WITH ARCHITECT FOR ALL FIXTURE FINISHES, LENS ACCESSORIES, CEILING TYPE AND MOUNTING REQUIREMENTS. ALL DIMMER SWITCHES MUST BE COMPATIBLE WITH DIMMABLE DRIVERS. CONTRACTOR TO ENSURE ALL
- DIMMER SWITCHES ARE RATED TO ACCOMMODATE THE LOAD REQUIREMENTS OF ASSOCIATED LIGHTING ALL APPLICABLE LIGHT FIXTURES, SWITCHES, DRIVERS AND ASSOCIATED ACCESSORIES MUST BE

COMPATIBLE WITH THE LIGHTING CONTROL SYSTEM SERVING THE SPACE.

(STANDARD SYMBOLS ONLY, ALL SYMBOLS MAY NOT BE APPLICABLE TO THIS PROJECT)

ELECTRICAL LEGEND

TYPICAL INTERIOR LIGHTING FIXTURES WALL-MOUNTED DUPLEX OR QUAD RECEPTACLE, 20A, 125V, NEMA 5-20R OUTLETS MAY HAVE THE FOLLOWING SUBSCRIPTS: P4-1: PANEL NAME AND CIRCUIT NUMBER SERVING OUTLETS : TAMPER RESISTANT OUTLETS : SURFACE MOUNTED

1. REFER TO DETAIL ON DRAWING E7.1 FOR TYPICAL DEVICE MOUNTING HEIGHTS.

GFI: GROUND FAULT INTERRUPTER A/C : AIR CONDITIONER AC : ABOVE COUNTER

- WALL MOUNTED DATA OUTLET, PROVIDE PLENUM RATED CAT 6 CABLE IN 3/4" EMT CONDUIT, UON. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION. OUTLETS MAY HAVE THE FOLLOWING SUBSCRIPTS: AV : AUDIO VISUAL
- WALL MOUNTED TELEPHONE OUTLET
- WIRELESS ACCESS POINT

BASIS OF DESIGN

- 20A, 1P, 120V SINGLE POLE TOGGLE SWITCH, SWITCHES MAY HAVE THE FOLLOWING SUBSCRIPTS 3 : 3-WAY SWITCH
- LOW VOLTAGE 2 BUTTON SWITCH WITH RAISE-LOWER. CONTROLLING LIGHT FIXTURES IN ZONE "a BOD: iLUMIN - CLS LOW VOLTAGE 2 BUTTON SWITCH WITH RAISE-LOWER. CONTROLLING LIGHT FIXTURES IN ZONE "L
 - BOD: iLUMIN CLS WALL/CEILING MOUNTED LOW VOLTAGE VACANCY SENSOR SWITCH CONFIGURED AS AUTO ON, AUTO OFF, CONFIGURE TIME-OUT SETTING FOR 15 MINUTES UNLESS OTHERWISE NOTED,

DEVICES MAY HAVE THE FOLLOWING SUBSCRIPTS: : LIGHTING ZONE(S) CONTROLLED BY SENSOR

CEILING: GREENGATE - MODEL #OAC-DT-2000R WALL : GREENGATE - MODEL #ONW-D ROOM CONTROLLER, BASIS OF DESIGN; GREENGATE - MODEL #RC3D-PL \

KEYED DRAWING NOTE 120/240V ELECTRICAL PANEL NON-FUSIBLE DISCONNECT SWITCH

SURFACE MOUNTED SPECIAL PURPOSE RECEPTACLE WITH FUSED DISCONNECT SWITCH

WALL/CEILING MOUNTED PUBLIC ADDRESS SPEAKER

WALL MOUNTED WIRED CLOCK SYSTEM OUTLET WALL MOUNTED WIRELESS CLOCK BATTERY OPERATED, SEE SPECIFICATION 275313

> WALL MOUNTED BLANK BOX WALL/CEILING MOUNTED LOW VOLTAGE VACANCY SENSOR SWITCH CONFIGURED AS MANUAL ON, AUTO OFF, CONFIGURE TIME-OUT SETTING FOR 15 MINUTES UNLESS OTHERWISE NOTED, DEVICES MAY HAVE THE FOLLOWING SUBSCRIPTS:

> > : LIGHTING ZONE(S) CONTROLLED BY SENSOR

BASIS OF DESIGN: CEILING: GREENGATE - MODEL #OAC-DT-2000R WALL : GREENGATE - MODEL #ONW-D

CEILING MOUNTED DAYLIGHT SENSOR, DEVICES MAY HAVE THE FOLLOWING SUBSCRIPTS: a : LOWER CASE SUBSCRIPT INDICATES LIGHTING ZONE IDENTIFICATION BOD - GREENGATE DSRC-FMOIR

WALL MOUNTED CATV OUTLET

(NOTE: ALL ABBREVIATIONS MAY NOT APPEAR ON THE DRAWINGS

AMPERE AMERICANS WITH DISABILITIES ACT ABOVE FINISHED FLOOR ALUMINUM AMERICAN WIRE GAUGE

CONDUIT CIRCUIT BREAKER CU COPPER

ADA

AWG

MLO

MDP

NEC

NTS

NFSS

PH, Ø

PNL

EXISTING TO BE DEMOLISHED DFA DOWN FROM ABOVE DISC. SW. DISCONNECT SWITCH

DWG DRAWING E, EX EXISTING TO REMAIN DEVICE ON EMERGENCY CIRCUIT EMT **ELECTRICAL METALLIC TUBING**

FIRE ALARM ANNUNCIATOR PANEL FACP FIRE ALARM CONTROL PANEL FATC FIRE ALARM TERMINAL CABINET

FULL LOAD AMPS

GROUND GROUND FAULT INTERRUPTER GFI/GFCI GRC GALVANIZED RESISTIVE CONDUIT

HORSE POWER KILOVOLT-AMPS KILOWATT

> MAIN CIRCUIT BREAKER CRABTREE, ROHRBAUGH & ASSOCIATES MAIN LUGS ONLY 401 E. Winding Hill Road Mechanicsburg, PA 17055 MAIN DISTRIBUTION PANEL Phone: 717-458-0272

Email: jharder@cra-architects.com NATIONAL ELECTRICAL CODE Attn: Jessie Harder NON FUSED SAFETY SWITCH NOT TO SCALE

PHASE PANEL RELOCATED REMOVE AND RELOCATE

SOLID NEUTRAL SWITCHBOARD TRANSFORMER

TYPICAL

WATTS

NEW

POLE

UNLESS OTHERWISE NOTED UON **VOLTS**

ELECTRICAL - DRAWING LIST

1 E0.1 ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS

8 E2.1 ELECTRICAL FIRST FLOOR POWER AND TECHNOLOGY PLAN

9 E2.2 ELECTRICAL SECOND FLOOR POWER AND TECHNOLOGY PLAN

10 E2.3 ELECTRICAL THIRD FLOOR POWER AND TECHNOLOGY PLAN

11 E5.1 ELECTRICAL PARTIAL POWER & DATA RISER DIAGRAMS

2 ED1.1 ELECTRICAL FIRST FLOOR DEMOLITION PLAN 3 | ED1.2 | ELECTRICAL SECOND FLOOR DEMOLITION PLAN 4 | ED1.3 | ELECTRICAL THIRD FLOOR DEMOLITION PLAN 5 E1.1 ELECTRICAL FIRST FLOOR LIGHTING PLAN 6 | E1.2 | ELECTRICAL SECOND FLOOR LIGHTING PLAN

7 E1.3 ELECTRICAL THIRD FLOOR LIGHTING PLAN

12 E6.1 ELECTRICAL PANEL SCHEDULES

13 E7.1 ELECTRICAL DETAILS

LEGEND

WEATHERPROOF

ITEMS SHOWN DASHED INDICATE EXISTING TO BE REMOVED OR RELOCATED ITEMS SHOWN LIGHT LINES INDICATE EXISTING TO REMAIN

ITEMS SHOWN THICK LINES INDICATE NEW TO BE PROVIDED

LIGHT FIXTURE SUBSCRIPT

a HP-2 LIGHT FIXTURES MAY BE INDICATED WITH FOLLOWING SUBSCRIPTS:

: UPPER CASE SUBSCRIPT INDICATES LIGHT FIXTURE **IDENTIFICATION TAG** : LOWER CASE SUBSCRIPT INDICATES LIGHTING ZONE

IDENTIFICATION HP-2 : PANEL NAME AND CIRCUIT NUMBER SERVING LIGHT **FIXTURE**

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1/22/2020

THE SCHOOL DISTRICT OF PHILA DELPHIA

OFFICE OF CAPITAL PROGRAMS

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1	02/27/2020	ADDENDUM #2
NO.	DATE	REVISION

SCHOOL & LOCATION John Welsh Elementary School

6722 LANSDOWNE AVENUE, PHILADELPHIA, PA 19151

PROJECT TITLE **CLASSROOM MODERNIZATION**

DRAWING TITLE

LOCATION NO.

ELECTRICAL GENERAL NOTES, SYMBOLS & **ABBREVIATIONS**

CHECKED BY DRAWN BY B-028C OF 2019 / 20 B-030C OF 2019 / 20 DRAWING NO.

FILE NO.

INTERIOR LIGHTING FIXTURE SCHEDULE

}							_			
\ \ \	TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMP	VOLTAGE	LUMENS	COLOR RENDERING INDEX (CRI)	REMARKS
\ \ \	B1		4' LED PENDANT MOUNT LINEAR WAVESTREAM LIGHTING FIXTURE	EATON	4WSL-LD2-60-SPS-UNV-L835-CD-1- U-CFA	56.2W LED	UNV	5950	80	PENDANT MOUNTED FIXTURES SHALL BE MOUNTED 8'-6" AFF. COORDINATE WITH ARCHITECT FOR CEILING HEIGHTS AND REQUIRED PENDANT LENGTH. ALL PENDANT MOUNTED FIXTURES SHALL BE PROVIDED WITH AIRCRAFT CABLE MOUNTING ACCESSORIES.
>	B2		4' LED PENDANT MOUNT LINEAR WAVESTREAM LIGHTING FIXTURE	EATON	4WSL-LD2-30-SPS-UNV-L835-CD-1- U-CFA	24.9W LED	UNV	3094	80	PENDANT MOUNTED FIXTURES SHALL BE MOUNTED 8'-6" AFF. COORDINATE WITH ARCHITECT FOR CEILING HEIGHTS AND REQUIRED PENDANT LENGTH. ALL PENDANT MOUNTED FIXTURES SHALL BE PROVIDED WITH AIRCRAFT CABLE MOUNTING ACCESSORIES.

municum municum municum marka marka

- 1. REFER TO DRAWING E0.1 FOR GENERAL NOTES, LEGEND, ABBREVIATIONS AND LIGHTING FIXTURE SCHEDULE AND
- DRAWING E7.1 FOR DETAILS.

 2. REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE ELEVATIONS, DETAILS, LOCATION, MOUNTING HEIGHTS AND

REPLACED IN A SATISFACTORY MANNER.

ADDITIONAL INFORMATION PRIOR TO THE ROUGH-IN OF LIGHTING FIXTURES AND CONTROL DEVICES. 3. AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHTING FIXTURES IN THE CONTRACT AREA AND RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURES. BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES ARE TO BE

KEYED SHEET NOTES

I. CONTRACTOR TO FIELD VERIFY SOURCE OF THE EXISTING LIGHTING CIRCUIT PRIOR TO COMMENCING NEW LIGHTING INSTALLATION. CIRCUIT NUMBER SHOWN FOR REFERENCE ONLY. PROVIDE NEW OCCUPANCY SENSOR AND ROOM CONTROLLER AS SHOWN. REWIRE THE LIGHT FIXTURES, SWITCHES AND ROOM CONTROLLER TO ACCOMMODATE NEW LIGHTING FIXTURES LAYOUT AND CONTROLS AS REQUIRED. REFER TO DETAIL #3 ON DWG E7.1 FOR WIRING DIAGRAM.







DAYLIGHT ZONE

1 ELECTRICAL FIRST FLOOR LIGHTING PLAN
E1.1 1/8" = 1'-0"

DAYLIGHT ZONE

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6722 Lansdowne Avenue, Philadelphia, pa 19151

PROJECT TITLE

CLASSROOM **MODERNIZATION**

DRAWING TITLE

ELECTRICAL FIRST FLOOR LIGHTING PLAN

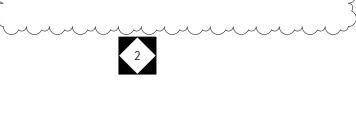
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DAYLIGHT ZONE 2ND GRADE CLASSROOM 1ST GRADE RC CLASSROOM SS (1) 2ND GRADE CLASSROOM 212 DAYLIGHT ZONE

1 ELECTRICAL SECOND FLOOR LIGHTING PLAN
E1.2 1/8" = 1'-0"

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SCHOOL & LOCATION John Welsh Elementary School

6722 LANSDOWNE AVENUE, PHILADELPHIA, PA 19151

PROJECT TITLE

CLASSROOM MODERNIZATION

DRAWING TITLE

ELECTRICAL SECOND FLOOR LIGHTING PLAN

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- 1. REFER TO DRAWING E0.1 FOR GENERAL NOTES, LEGEND,
- DRAWING E7.1 FOR DETAILS. 2. REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE
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ABBREVIATIONS AND LIGHTING FIXTURE SCHEDULE AND

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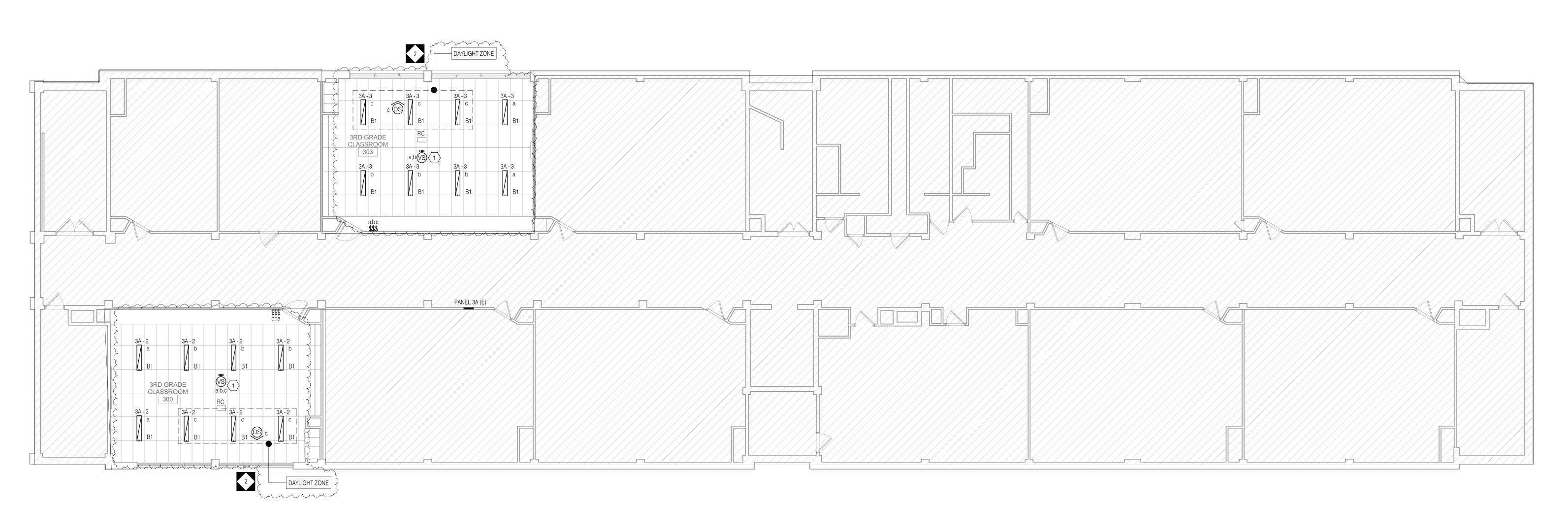
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1 ELECTRICAL THIRD FLOOR LIGHTING PLAN
E1.3 1/8" = 1'-0"

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PROJECT TITLE

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DRAWING TITLE

ELECTRICAL THIRD FLOOR LIGHTING PLAN

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AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM 🔾 FURNISHINGS. TOTALISTINGS.

KEYED SHEET NOTES

- 1. 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.
- 2. PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX RECEPTACLE FOR LAPTOP CART CHARGING STATION. 3. NEW LOCATION OF RELOCATED PUBLIC ADDRESS SPEAKER. COORDINATE IN FIELD FOR EXACT LOCATION.
- 4. PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT.
- 5. CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING TELEPHONE OUTLETS AND REPLACE AS REQUIRED. NEW TO MATCH EXISTING IN KIND MAKE AND TYPE.
- 7. PROVIDE NEW CAT 6 CABLE, DATA OUTLETS WITH COVER PLATE

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440 NORTH BROAD STREET

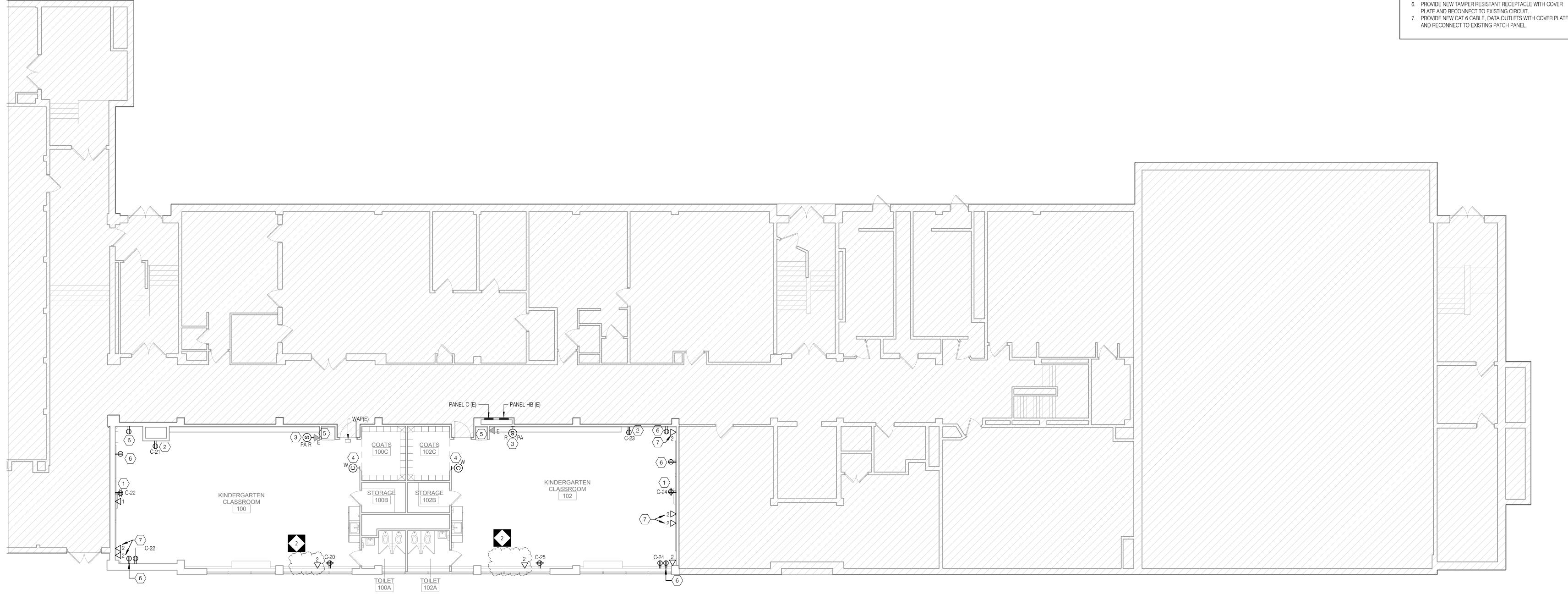
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1 ELECTRICAL FIRST FLOOR POWER PLAN
E2.1 1/8" = 1'-0"

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SCHOOL & LOCATION John Welsh Elementary School

6722 LANSDOWNE AVENUE, PHILADELPHIA, PA 19151

PROJECT TITLE

CLASSROOM MODERNIZATION

DRAWING TITLE

ELECTRICAL FIRST FLOOR POWER AND TECHNOLOGY PLAN

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4. ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOPE OF WORK AREAS THAT ARE EXISTING TO REMAIN SHALL BE PROVIDED WITH NEW DEVICES. NEW DEVICE COLOR SHALL BE WHITE. 5. ALL NEW 15- AND 20-AMPERE, 125-AND 250-VOLT NONLOCKING TYPE RECEPTACLES SHALL BE TAMPER RESISTANT AS PER NEC

6. ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM

FURNISHINGS. **KEYED SHEET NOTES**

- 1. 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.
- 2. PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX RECEPTACLE FOR LAPTOP CART CHARGING STATION.
- 3. NEW LOCATION OF RELOCATED PUBLIC ADDRESS SPEAKER. COORDINATE IN FIELD FOR EXACT LOCATION.

4. PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK.

- COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT. 5. CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING TELEPHONE OUTLETS AND REPLACE AS
- REQUIRED. NEW TO MATCH EXISTING IN KIND MAKE AND TYPE. 6. PROVIDE NEW TAMPER RESISTANT RECEPTACLE WITH COVER
- PLATE AND RECONNECT TO EXISTING CIRCUIT. 7. PROVIDE NEW CAT 6 CABLE, DATA OUTLETS WITH COVER PLATE

PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.

AND RECONNECT TO EXISTING PATCH PANEL. 8. NEW PANELBOARD "F". CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR

2ND GRADE CLASSROOM 211 1ST GRADE CLASSROOM 205 2ND GRADE CLASSROOM 212 1ST GRADE CLASSROOM 202 MDF/IT CLOSET

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

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SCHOOL & LOCATION John Welsh Elementary School

6722 LANSDOWNE AVENUE, PHILADELPHIA, PA 19151

PROJECT TITLE

CLASSROOM **MODERNIZATION**

DRAWING TITLE

ELECTRICAL SECOND FLOOR POWER AND TECHNOLOGY PLAN

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DRAWING NO. E2.2

1. REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, 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 TYPES. 4. ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOPE OF WORK AREAS THAT ARE EXISTING TO REMAIN SHALL BE PROVIDED WITH NEW DEVICES. NEW DEVICE COLOR SHALL BE WHITE. 5. ALL NEW 15- AND 20-AMPERE, 125-AND 250-VOLT NONLOCKING TYPE RECEPTACLES SHALL BE TAMPER RESISTANT AS PER NEC 6. ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS.

1. 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. PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX RECEPTACLE FOR LAPTOP CART CHARGING STATION. 3. NEW LOCATION OF RELOCATED PUBLIC ADDRESS SPEAKER. COORDINATE IN FIELD FOR EXACT LOCATION. PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT. 5. CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING TELEPHONE OUTLETS AND REPLACE AS REQUIRED. NEW TO MATCH EXISTING IN KIND MAKE AND TYPE. 6. PROVIDE NEW TAMPER RESISTANT RECEPTACLE WITH COVER PLATE AND RECONNECT TO EXISTING CIRCUIT. PROVIDE NEW CAT 6 CABLE, DATA OUTLETS WITH COVER PLATE AND RECONNECT TO EXISTING PATCH PANEL.

OFFICE OF CAPITAL PROGRAMS 440 NORTH BROAD STREET PHILADELPHIA, PA 19130 - 4015 (215) 400 - 4730 | (215) 400 - 4731 (fax) www.philasd.org SEAL:

KEYED SHEET NOTES

<u>ARCHITECT</u> Phone: 717-458-0272

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THE SCHOOL DISTRICT OF PHILADELPHIA

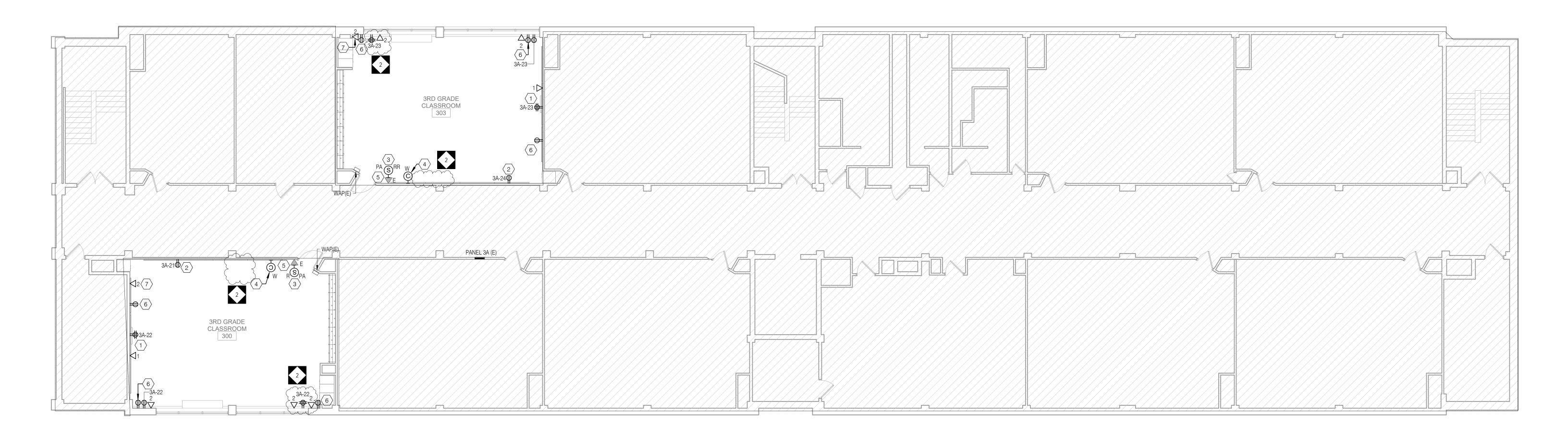
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1 ELECTRICAL THIRD FLOOR POWER PLAN
E2.3 1/8" = 1'-0"

100% DESIGN SUBMISSION 1/22/2020

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1	02/27/2020	ADDENDUM #2
NO.	DATE	REVISION

SCHOOL & LOCATION John Welsh Elementary School

6722 Lansdowne Avenue, Philadelphia, pa 19151

PROJECT TITLE

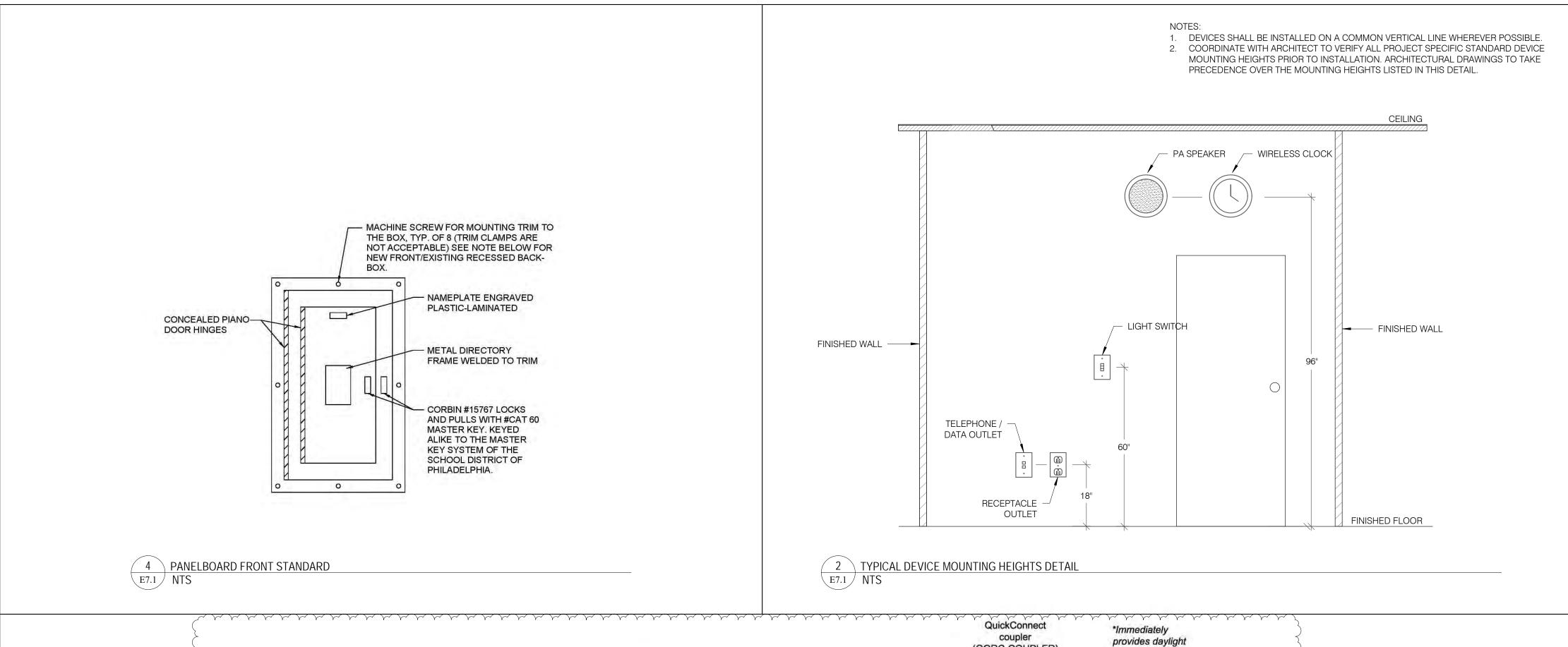
CLASSROOM **MODERNIZATION**

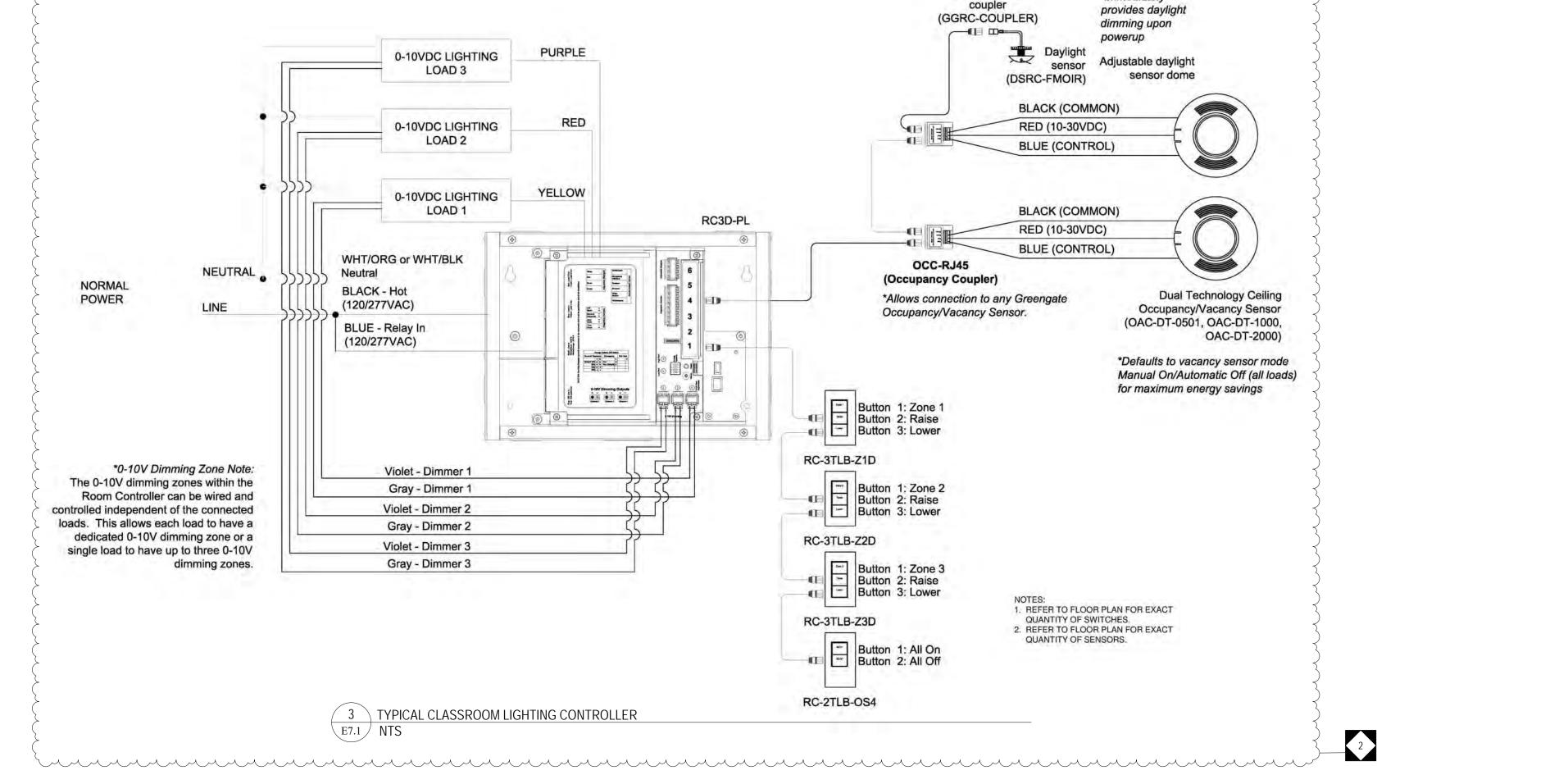
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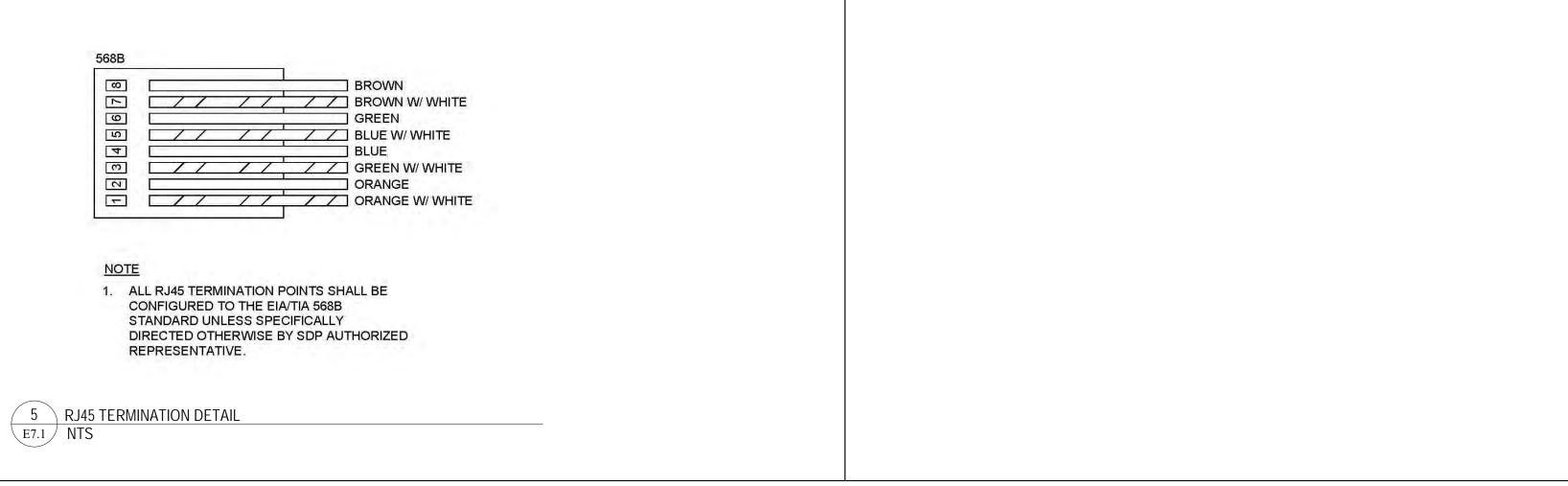
ELECTRICAL THIRD FLOOR POWER AND TECHNOLOGY PLAN

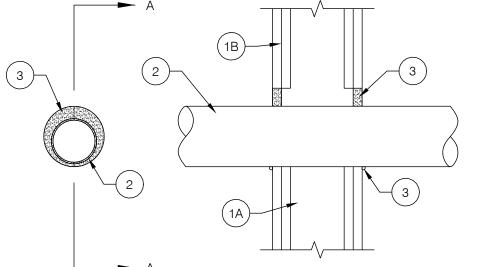
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GYPSUM WALLBOARD F RATINGS - 1 AND 2 HR T RATING - 0 HR

L RATING AT AMBIENT -LESS THAN 1 CFM/SQ FT L RATING AT 400 F -LESS THAN 1 CFM/SQ FT



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SECTION A-A

THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES: 1.1. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC. STEEL STUDS TO BE MIN 3-5/8 IN. WIDE AND SPACED MAX 24 1.2. GYPSUM BOARD* - THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS REQUIRED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX DIAM OF OPENING IN WOOD STUD WALLS IS 8 IN. MAX DIAM OF OPENING IN STEEL STUD WALLS IS 14 IN. THE HOURLY F RATING OF THE FIRE STOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED.

2. THROUGH PENETRANT - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED WITHIN THE FIRE STOP SYSTEM. THE SPACE BETWEEN PIPE, CONDUIT OR TUBING AND PERIPHERY OF OPENING SHALL BE A MIN 0 IN. (POINT CONTACT) TO A MAX 2 IN. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

1. WALL ASSEMBLY - THE FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE

MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN

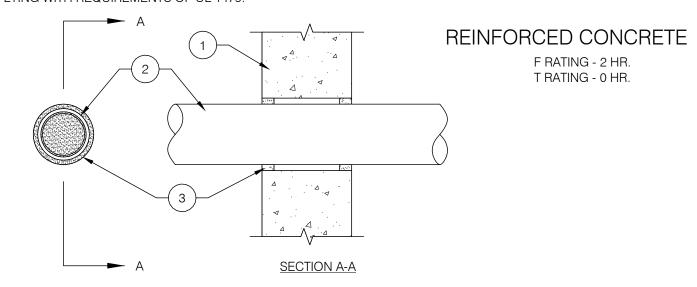
2.1. STEEL PIPE - NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 5 (OR HEAVIER STEEL PIPE. 2.2. IRON PIPE - NOM 12 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.

2.3. CONDUIT - NOM 4 IN. DIAM (OR SMALLER) ELECTRICAL METALLIC TUBING, NOM 6 IN. DIAM (OR SMALLER) STEEL CONDUIT OR NOM 1 IN. DIAM (OR SMALLER) FLEXIBLE STEEL CONDUIT. 2.4. COPPER TUBING - NOM 6 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.

2.5. COPPER PIPE - NOM 6 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE. 3. FILL, VOID OR CAVITY MATERIAL* - CAULK - MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS,

FLUSH WITH BOTH SURFACES OF WALL. MIN 3/8 IN. DIAM BEAD OF FILL MATERIAL APPLIED AT POINT CONTACT LOCATION AT THE PENETRANT/GYPSUM BOARD INTERFACE ON BOTH SIDES OF WALL.

PENETRATIONS THROUGH STRUCTURE SHALL MAINTAIN FIRE RESISTANCE AND COMPLY WITH SECTION 713.4 OF THE IBC 2018. ALL ANNULAR SPACES BETWEEN RATED STRUCTURE/ENCLOSURE SHALL BE FILLED WITH APPROVED MATERIAL COMPLYING WITH REQUIREMENTS OF UL 1479.



1. WALL ASSEMBLY - MIN 6 IN. (152 MM) THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF OPENING IS 25 IN. (635 MM). SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR THE NAMES OF MANUFACTURERS.

2. THROUGH PENETRANT - ONE METALLIC PIPE, TUBING OR CONDUIT TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPES, TUBING OR CONDUITS AND PERIPHERY OF OPENING IS DEPENDENT UPON THE TYPE AND MAX DIAM OF THE THROUGH PENETRANT AS TABULATED BELOW. PIPE, TUBING OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, TUBING OR CONDUITS MAY BE USED:

2.1. STEEL PIPE - NOM 24 IN. (610 MM) DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE. 2.2. IRON PIPE - NOM 24 IN. (610 MM) DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE. 2.3. COPPER TUBING - NOM 6 IN. (152 MM) DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.

2.4. COPPER PIPE - NOM 6 IN. (152 MM) DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.

2.5. CONDUIT - NOM 4 IN. (102 MM) DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING, NOM 6 IN. (152 MM) DIAM GALV STEEL CONDUIT OR NOM 1 IN. DIAM FLEXIBLE STEEL CONDUIT.

MAX DIAM OF THROUGH | MIN & MAX ANNULAR TYPE OF THROUGH PENETRANT PENETRANT, IN. (MM) SPACE, IN. (MM) STEEL OR IRON PIPE 4 (102) 0, 1-1/2 (38) STEEL TUBING OR CONDUIT 4 (102) 0, 1-1/2 (38) STEEL CONDUIT 1/8 (3), 1/2 (13) 6 (152) STEEL OR IRON PIPE 24 (610) 1/8 (3), 1/2 (13) COPPER TUBING OR PIPE 6 (152) 1/8 (3), 1/2 (13)

3. FILL, VOID OR CAVITY MATERIAL* - SEALANT - MIN 5/8 IN. (16 MM) THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT CONTACT LOCATION BETWEEN THROUGH PENETRANT AND CONCRETE, A MIN 3/8 IN. (10 MM) DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/THROUGH PENETRANT INTERFACE ON BOTH SURFACES OF WALL.

PENETRATIONS THROUGH STRUCTURE SHALL MAINTAIN FIRE RESISTANCE AND COMPLY WITH SECTION 713.4 OF THE IBC 2018. ALL ANNULAR SPACES BETWEEN RATED STRUCTURE/ENCLOSURE SHALL BE FILLED WITH APPROVED MATERIAL COMPLYING WITH REQUIREMENTS OF UL 1479.

1 THROUGH-PENETRATION FIRE STOP DETAIL

100% DESIGN SUBMISSION 1/22/2020

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1	02/27/2020	ADDENDUM #2
NO.	DATE	REVISION

SCHOOL & LOCATION John Welsh Elementary School

6722 LANSDOWNE AVENUE, PHILADELPHIA, PA 19151

PROJECT TITLE

CLASSROOM **MODERNIZATION**

DRAWING TITLE

ELECTRICAL DETAILS

LOCATION NO.	FIL	E NO.
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