

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

TELEPHONE: (215) 400-4730

**Addendum No. 1**

**Subject:** General Louis Wagner Middle School Culinary Art Suite Renovation  
SDP Contract Nos. B-022C, B-023C, B-024C, B-025C

**Location:** General Louis Wagner Middle School  
1701 W Chelton Ave  
Philadelphia, Pennsylvania 19139

---

**This Addendum, dated 1 of April, 2021, 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.**

---

**NOTICE: BID OPENING POSTPONED TO THURSDAY, APRIL 8, 2021**

**CHANGES TO SPECIFICATIONS:** None

**CHANGES TO DRAWINGS:**

**Drawing: A-100 Demo, New Work, and Ceiling Plans**

Revisions:

- a. Demolition – Keynotes, modify note D03: “Remove portion of metal panel in upper window pane as req’d for new louver / A/C unit. Ref mech dwgs for more info.”
- b. Detail 1/A100-Demolition Plan – Classroom #209, add Demolition Keynotes D03, refer to revised drawings.
- c. Detail 3/A-100-New Reflected Ceiling Plan – Classroom #209, heat detectors added for reference, refer to revised drawings
- d. General Refl. Ceiling Plan Notes, add note #8 “Fire alarm devices / heat detectors shown on architectural RCPs are for reference only and to indicate important alignments. Reference electrical drawings for device types.”
- e. Reflected Ceiling Plan - Keynotes, modify keynotes RC-03 and RC-04 to indicate ceiling types, refer to revised drawings.

**Drawing: A-300 Interior Elevations, Wall Sections, and Millwork Details**

Revisions:

- a. Detail 1/A-300 – Interior Elevation, add 24” Monitor By Others, refer to revised drawings
- b. Detail 4/A-300 – Interior Elevation, edit existing note to read: ““World Map” Custom Tack Board: Tack board wall covering panels w/ aluminum frame at perimeter w/ custom digital full bleed graphics mounted on homasote pinnacle tackboard panels.”
- c. Detail 7/A-300 – Section Through Instructor’s Demonstration Area, ventilation slots added to millwork face for new data rack, refer to revised drawings

**Drawing: A-301 Millwork, Ceiling, and Window Details**

Revisions:

- a. Detail 8B/A-301 – Typ. Student Work Station Plan, pedestal table locations added, refer to revised drawings
- b. Detail 9B/A-301 – ADA Student Work Station Plan, pedestal table locations added, refer to revised drawings

- c. Detail 11C/A-301 – Demo Station Plan and Detail 11A/A-301 – Demo Station Elevation, cabinets reconfigured due to addition of data rack by others, refer to revised drawings.

#### **Drawing: A-700 Finish, Furniture, and Equipment Plans**

Revisions:

- a. Add new detail: Detail 4 / A-700- Room 105 Finish Plan, refer to revised drawing.

#### **Drawing: M-200 Room 209 and 210 Demolition Plan**

Revision:

- a. Revised sheet note #2.

#### **Drawing: M-300 Room 209 and 210 New Work Plan**

Revision:

- a. Added pipe insulation requirements.
- b. Modified notes for ceiling and masonry work in corridor.

#### **Drawing: E-100 Room 209 and 210 Electrical Demolition Plans**

Revision:

- c. Added sheet note #6.
- d. Added tags to ceiling mounted speakers "PA" (public address) for clarification.

#### **Drawing: E-200 Room 209 and 210 Lighting New Plan**

Revision:

- a. Added relays for switch zone e, f & g.
- b. Changed switch g to \$<sub>LVD</sub>.
- c. Added Sheet note #3.
- d. Updated mounting for fixture type D in lighting fixture schedule.

#### **Drawing: E-300 Room 209 and 210 Power and Special Systems New Plans**

Revision:

- a. Added two duplex gfci receptacle above counter at instructor's demonstration area.
- b. Added existing to remain ceiling mounted PA speaker, see new sheet note #11.
- c. Added sheet notes #12 & #13.
- d. **\*ADD NOTE:** "EC to provide and install (1) quad outlet inside base cabinet at demonstration station for new A/V rack. Connect to spare circuit breaker in new panel 209. Provide recessed poke thru device (see sheet note 9) to be installed at demonstration station for power and data connections. Provide a data outlet with 1" conduit down to floor below for A/V wiring connections to A/V rack at demonstration table."

#### **Drawing: E-400 Single Line Diagram**

Revision:

- a. Updated Panel 209 to be 60 circuit panelboard.
- b. Added new circuit for countertop receptacle at instructor's demonstration area.

#### **Drawing: E-510 Electrical Details**

Revision:

- a. Updated matrix to show CATV.

#### **Drawing: E-520 Electrical Zone Lighting Control Details**

Revision:

- a. Added wiring diagram for zone g.
- b. Updated model # for \$<sub>vs</sub>.

#### **BIDDER'S QUESTIONS SUBMITTED TO DATE AND RESPONSES ARE AS FOLLOWS:**

Question 1: The basis of design for dimming switch symbol "\$D" controlling zone g has not been specified. Was there a typo for this symbol on the plans and it was meant to be shown as symbol "\$LVD", which is a digital dimmer? Or was this dimmer meant to be a non-digital dimmer for some reason? Please clarify design intent.

**Answer 1: Switch shall be \$<sub>LVD</sub> – see addendum 1.**

Question 2: Regarding general note 11 on E-300, please confirm painting of raceways is by the GC, per spec section 011000-1.2(1)(j).

**Answer 2: GC to paint all new and existing piping, conduit, raceway, etc. to match adjacent wall / surface.**

Question 3: Acoustical ceiling types – please list what rooms receive each type

**Answer 3: Room 209 to receive CLG-1 while rooms 105 & 106 to receive CLG-2, reference specification 09 5113 “Acoustical Panel Ceilings” for more information.**

Question 4: Asbestos report has floor in room 105&106 being removed, but not shown on finish schedule to replace with new VCT.

**Answer 4: New VCT is to be provided for Room 105, see detail 4 on revised sheet A. Please note flooring in Room 106 has already been replaced and is to remain.**

Question 5: Are the appliances listed on drawing part of GC scope of work?

**Answer 5: Yes, appliances listed on A-700 are part of GC scope of work.**

Question 6: On Drawing E-100, there are three (3) fire alarm speakers with a note 3 next to them. On E-300, there are five (5) fire alarm speakers. Are there two (2) new devices or are they relocated from another area of the room?

**Answer 6: E-100 includes ceiling mounted PA speakers. Drawing E-300 is revised to include this re-installation. Heat detectors shown in E-300 are all new, to be installed in place of existing smoke detectors. See sheet note 5. Please refer to legend for symbols identification.**

Question 7: On Drawing E-200, the power pack relays for zone E & F shown on drawing E-520 are not shown. Are they required?

**Answer 7: Relays are required, refer to updated drawing E-200, addendum 1.**

Question 8: On Drawing E-400, who provides the housekeeping pad for the transformer?

**Answer 8: Housekeeping pad provided by E.C.**

Question 9: On Drawing E-400, the panel schedule for Pnl 209 skips from 48 to 67. Is this supposed to be a 72 circuit panelboard or a 54 circuit panelboard?

**Answer 9: Panel 209 shall be a 60 circuit panelboard. Refer to addendum 1.**

Question 10: On Drawing A-100, Detail #4, RC-04 is not referenced on the electrical drawings for the removal and reinstallation of the 1<sup>st</sup> floor lighting fixtures. Should it be or will a 1<sup>st</sup> floor drawing be added for the electrical set of drawings to show that scope of work?

**Answer 10: Existing 1<sup>st</sup> floor lighting fixtures are to remain and be temporarily suspended during work, reference Reflected Ceiling Plan Keynote RC-04 on sheet A-100.**

Question 11: On drawing A-100, Detail #3, the ceiling mounted fire alarm devices are not indicated. Will they be added for coordination purposes?

**Answer 11: Yes, fire devices will be indicated on A-100, Detail #3 for reference only, see Addendum 1.**

Question 12: Will the 1<sup>st</sup> floor ceiling need to be reinstalled prior to the start of next school?

**Answer 12: No, the 1<sup>st</sup> floor ceiling does not need to be reinstalled prior to the start of next school.**

Question 13: Will the wireless access points in the junction boxes be installed by the IT department or by this scope of work?

**Answer 13: Wireless Access Point enclosure shall be provided and installed by EC as per drawings. SDP Tech Services will install the AP equipment into the enclosures once construction is complete.**

Question 14: Who installs the TV's at the instructor's desk and the 75" monitor?

**Answer 14: TVs to be installed by separate SDP vendor.**

Question 15: On Drawing A-300, detail #7, who removes the 2<sup>nd</sup> ceiling to allow access above the instructor's station to allow access to the concrete slab? Do the cameras require rough-in? If so will they be provided by others to complete the work over the station?

**Answer 15: GC is to remove the plaster ceiling for access to concrete slab. Cameras to be installed by separate SDP vendor.**

Question 16: The Type F undercounter lights are shown under the upper casework. Will there be a chase for the wiring for these lights or will the wiring be installed through the shelving since it can't be installed in the existing walls? The same question applies for the oven. Will there be a chase for the wiring through the upper cabinet?

**Answer 16: Wiring can be installed through the shelving.**

Question 17: Will the stainless steel counter be provided with holes for the pedestal receptacle boxes?

**Answer 17: Yes, holes shall be provided for pedestal receptacle boxes. See revised details 8B and 9B on sheet A-301.**

Question 18: For the monitors over the instructor's station, how many cables and jacks are required since the symbol is not shown on Drawing E-000?

**Answer 18: For each monitor – provide duplex receptacle, CATV outlet, and a single data jack with 1-CAT-6A cable. See drawing E-510 for more information.**

**End of Addendum No. 1**

SEAL:



Name: Kevin Ray Goodshall  
STATE AND LICENSE NO: RA014783X DATE: 10/22/1996

ARCHITECT:  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA, 19002  
Phone: 215.646.2003  
Email: ALLISON@GKOARCHITECTS.COM  
Attn: ALLISON KLINGLER

MECH., PLUMBING, AND ELECTRICAL ENGINEER:  
PSQUAREDENG CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20 PLYMOUTH  
MEETING, PA 19462  
Phone: 484.539.9457  
Email: GOPI.PATEL@PSQUAREDENG.COM  
Attn: GOPI PATEL

ISSUE FOR BID  
FEBRUARY 23, 2021

Table with 4 columns: NO., DATE, REVISION, and a blank column. Row 2: 3/30/2021, ADDENDUM #1. Row 3: 2/23/2021, ISSUE FOR BID.

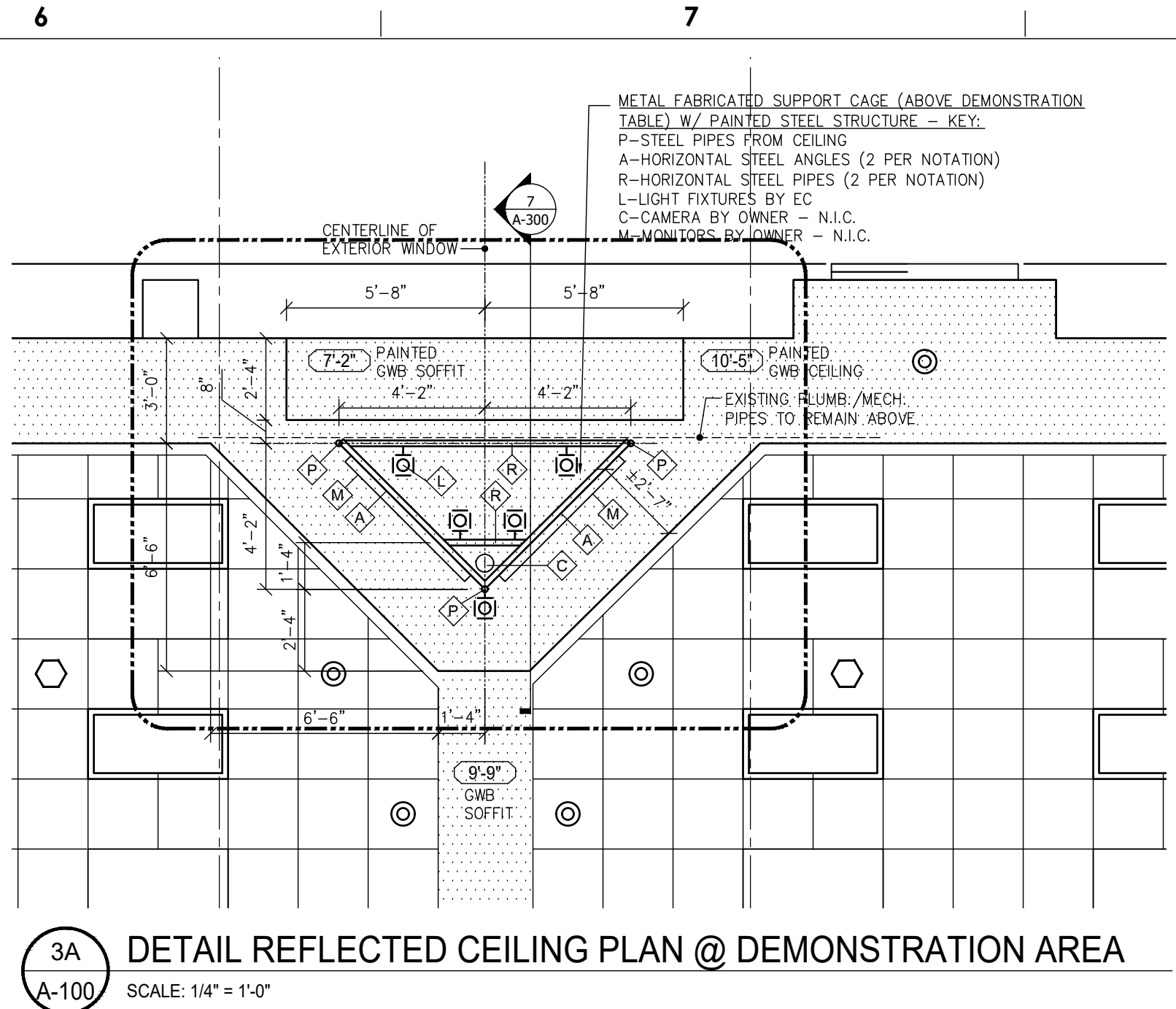
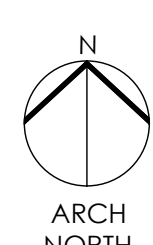
SCHOOL & LOCATION  
GENERAL LOUIS WAGNER  
MIDDLE SCHOOL  
1701 W. CHELTON AVE, PHILADELPHIA, PA 19126

PROJECT TITLE  
CUINARY ART SUITE,  
GEN. WAGNER MIDDLE  
SCHOOL

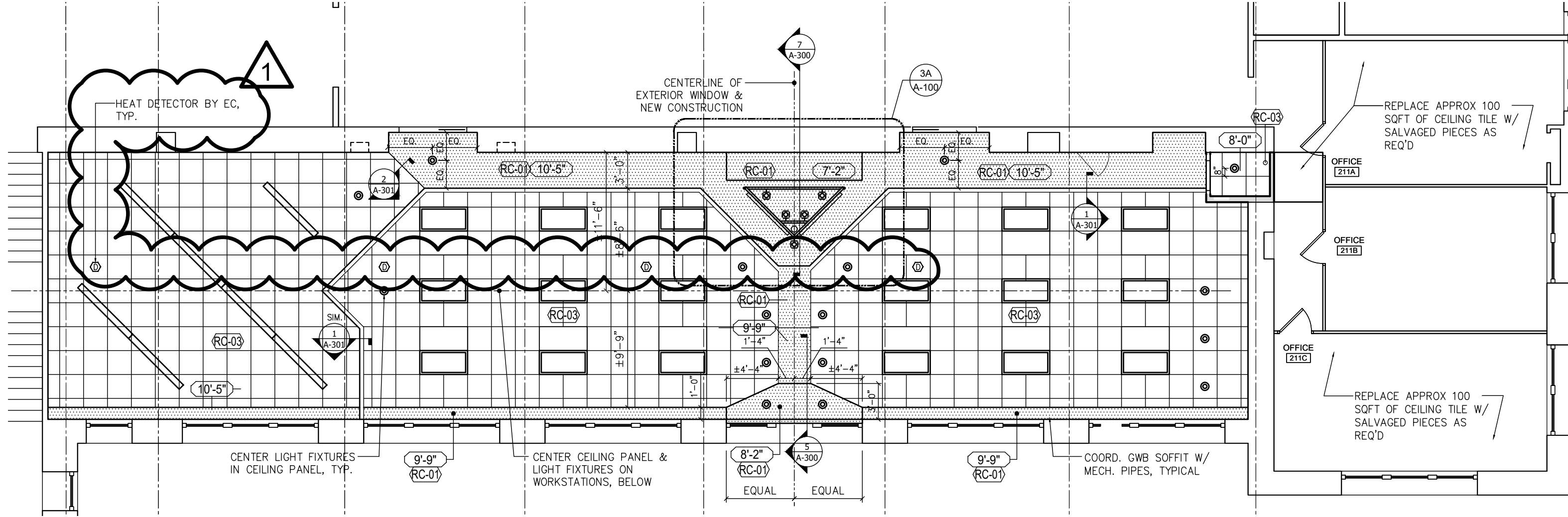
DRAWING TITLE  
DEMO, NEW WORK, AND  
CEILING PLANS

Table with 2 columns: DRAWING SCALE AS NOTED, LOCATION NO., DRAWN BY, CHECKED BY. Includes revision table for GC, MC, PC, EC items with dates.

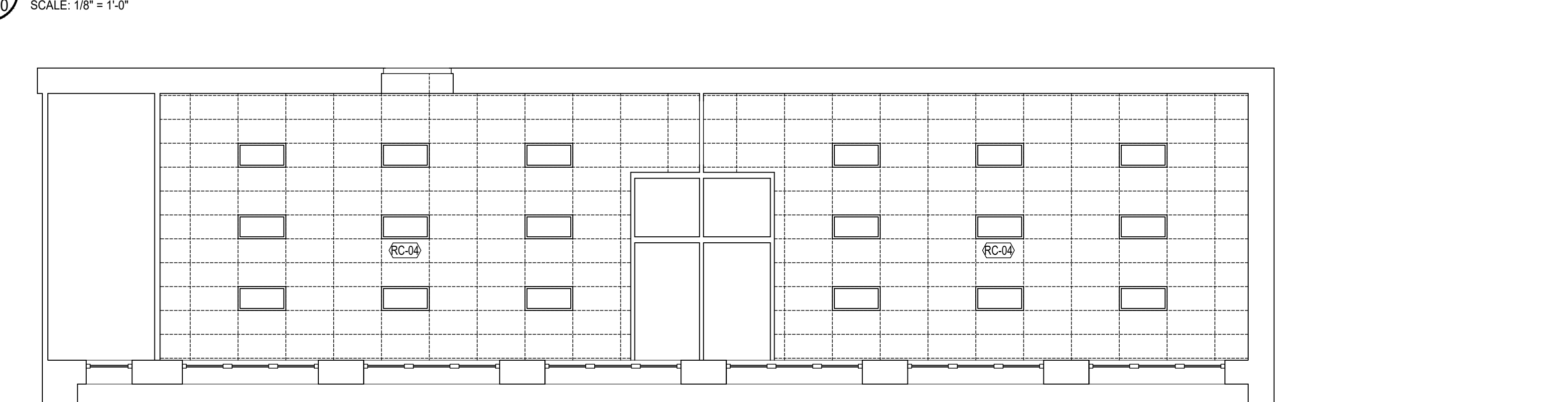
DRAWING NO.  
A-100  
SHEET 3 OF 23



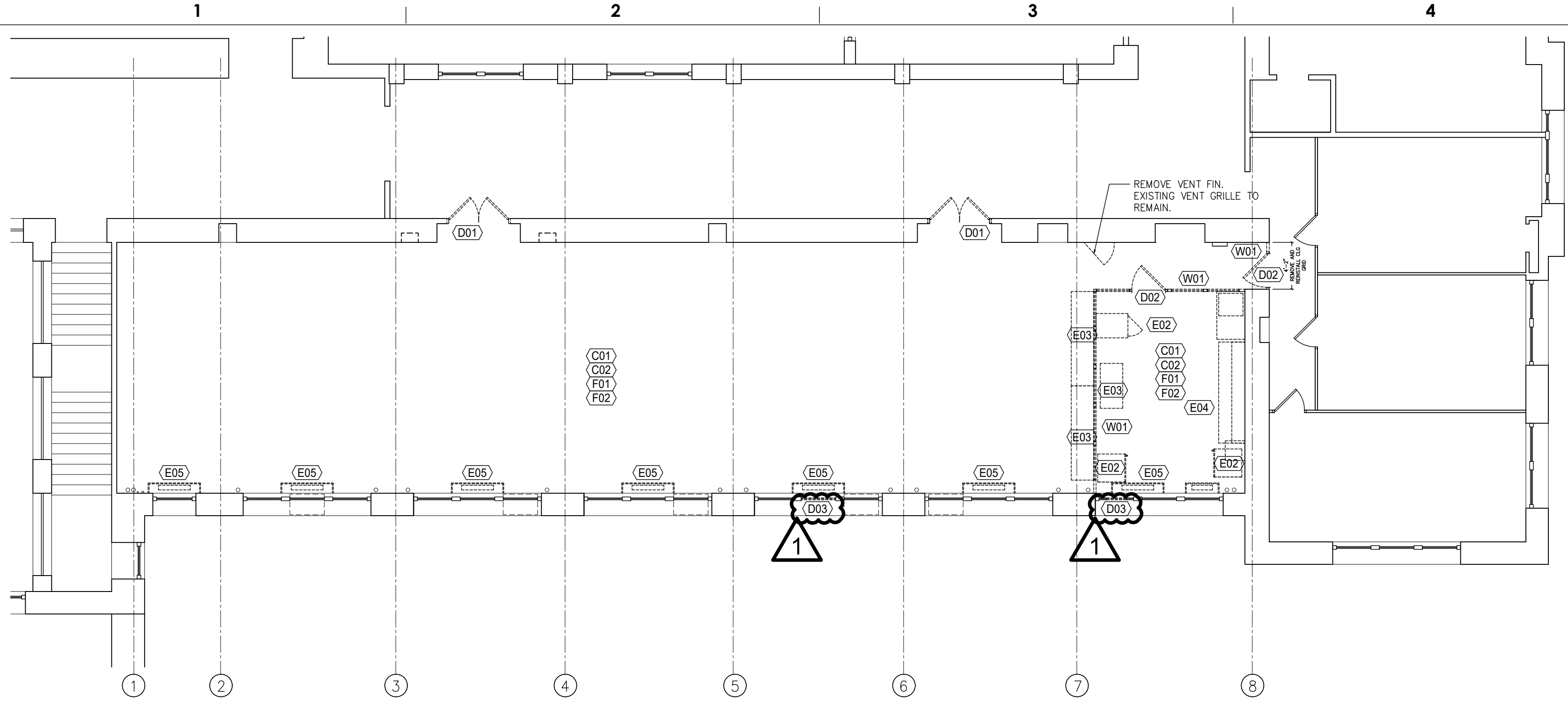
3A DETAIL REFLECTED CEILING PLAN @ DEMONSTRATION AREA  
SCALE: 1/4" = 1'-0"



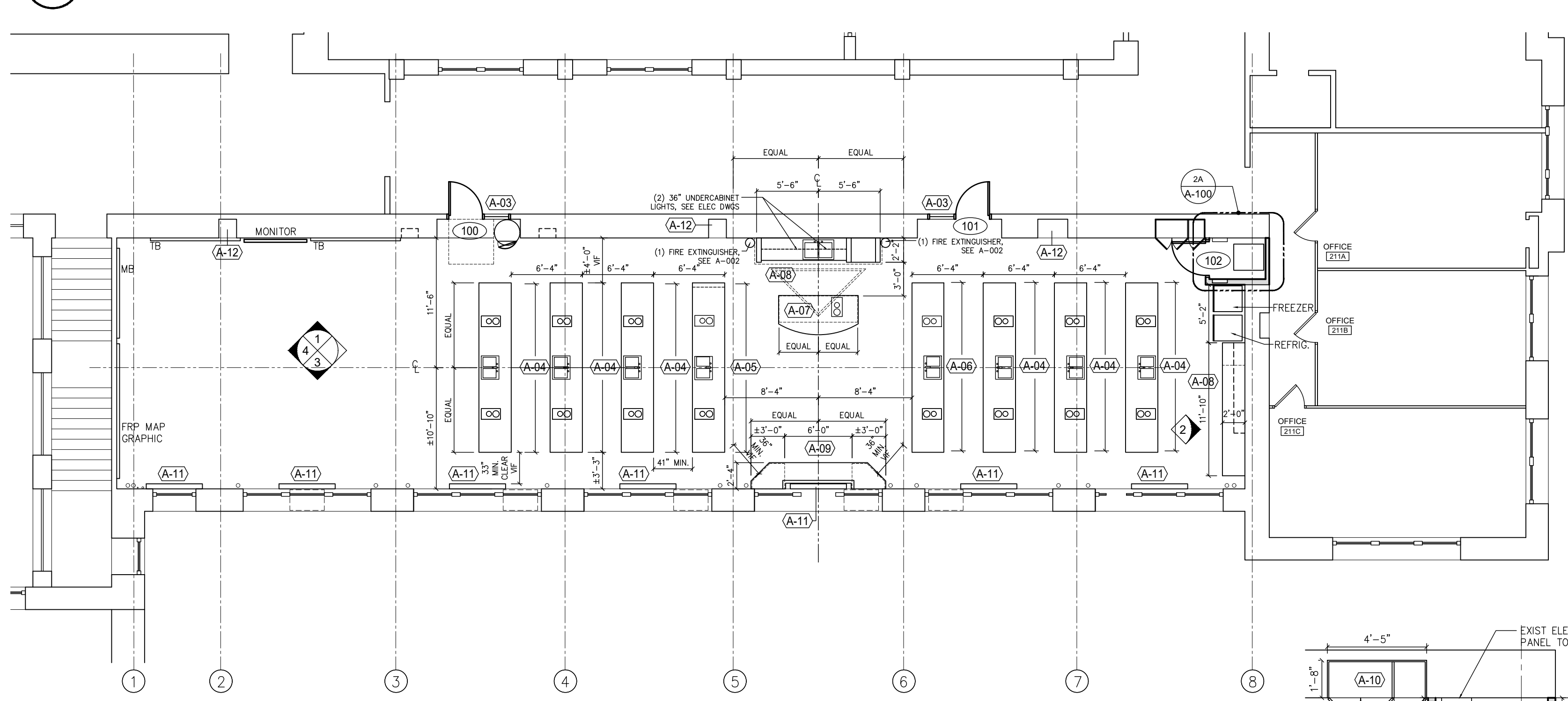
3 NEW REFLECTED CEILING PLAN - CLASSROOM #209  
SCALE: 1/8" = 1'-0"



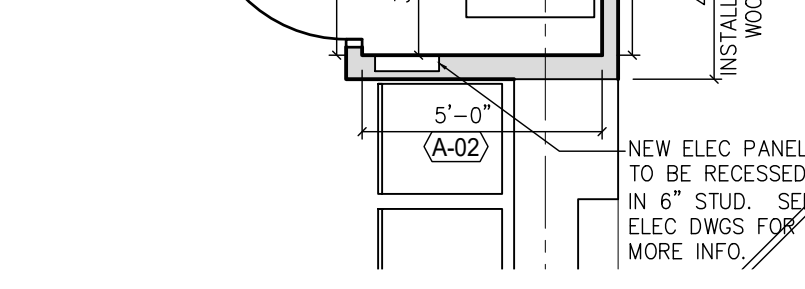
4 ROOMS 105 & 106 SCHEMATIC REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"



1 DEMOLITION PLAN - CLASSROOM #209  
SCALE: 1/8" = 1'-0"



2 NEW WORK PLAN - CLASSROOM #209  
SCALE: 1/8" = 1'-0"



2A DETAIL PLAN @ CLOSET  
SCALE: 1/4" = 1'-0"

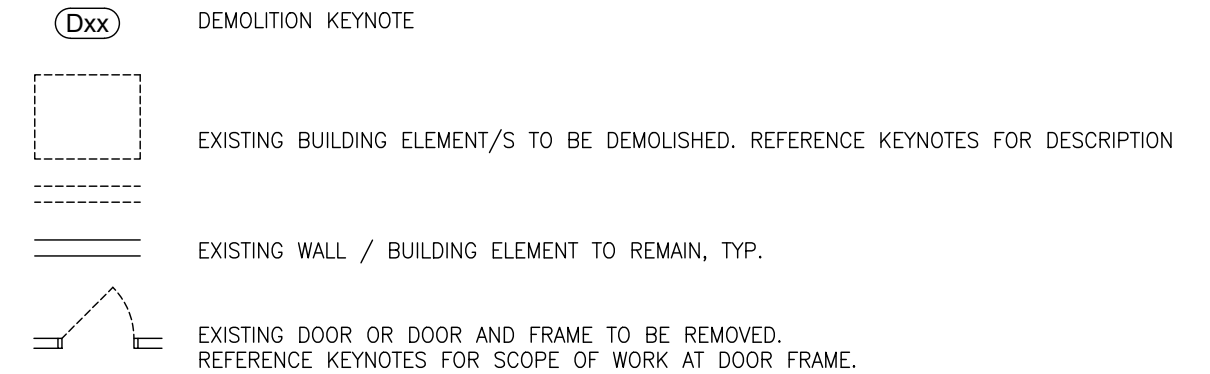
Table with 2 columns: DEMOLITION - KEYNOTES and DEMOLITION - KEYNOTES. Lists items to be demolished including ceiling assemblies, doors, windows, and partitions.

Table with 2 columns: DEMOLITION - KEYNOTES and DEMOLITION - KEYNOTES. Lists items to be demolished including walls, doors, windows, and store fronts.

GENERAL DEMOLITION PLAN NOTES:

- 1. OWNER HAS RIGHT TO CLAIM ANY ITEM POST DEMOLITION...
2. WHEN DEMOLISHED ITEM REVEALS OR DAMAGES EXISTING CONSTRUCTION TO REMAIN...
3. WHERE DEMOLISHED ITEM REVEALS UNEVEN CONSTRUCTION...
4. LEVEL ALL FLOOR SURFACES AFTER THE REMOVAL OF PARTITIONS...
5. LEVEL ALL CEILING [UNDERSIDE OF SLAB SURFACES] WHERE BONDED FINISHES ARE TO BE REMOVED...
6. FOR ALL EXISTING WALLS TO REMAIN, CONTRACTOR SHALL PATCH TO MATCH, REPAIR, AND PREPARE WALLS FOR NEW FINISH.
7. DASHED LINES TYPICALLY REPRESENT ITEMS TO BE DEMOLISHED...
8. PROVIDE PROPER PROTECTION FOR ALL SURFACES AND ELEMENTS ADJACENT TO NEW WORK...
9. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION ITEMS NOT LISTED ON THIS PLANS.
10. CONTRACTOR MUST COORDINATE ALL WORK WITH OTHER PRIME CONTRACTORS PRIOR TO STARTING DEMOLITION OF AREAS AS SHOWN.

DEMOLITION PLAN SYMBOLS LEGEND:



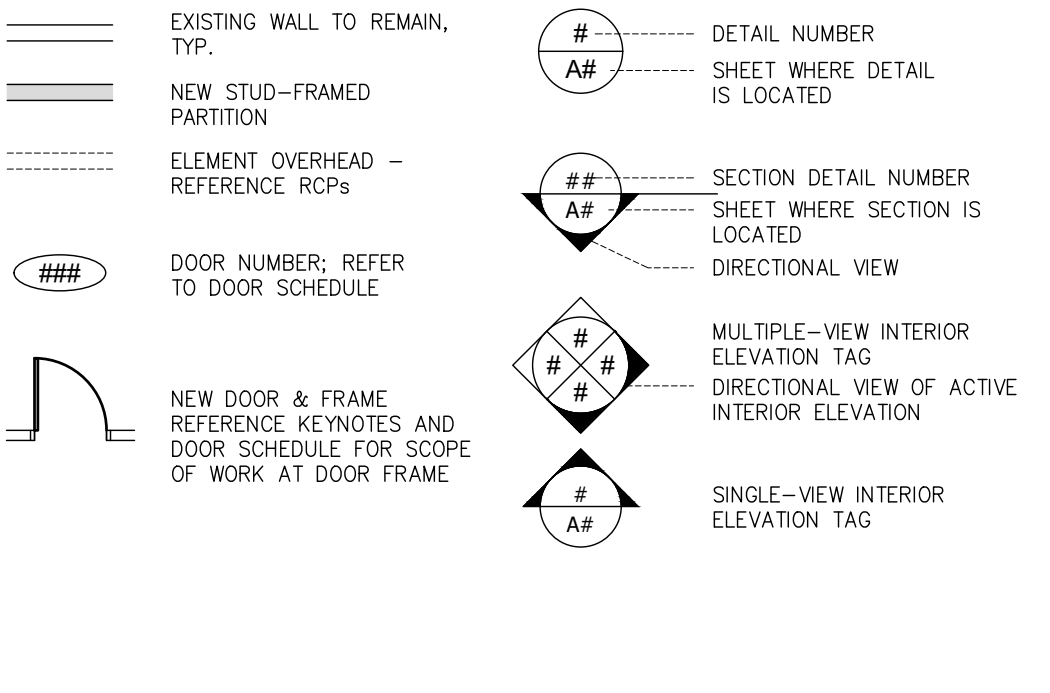
ARCH. FLOOR PLAN - KEYNOTES

Table with 2 columns: ARCH. FLOOR PLAN - KEYNOTES and ARCH. FLOOR PLAN - KEYNOTES. Lists architectural keynotes A-01 through A-12 and MB, TB.

GENERAL FLOOR PLAN NOTES:

- 1. REFER TO SHEET A-002 FOR COMMON ABBREVIATIONS.
2. ALL DIMENSIONS ARE TO FACE OF BLOCK OR METAL STUD, UNO
3. SEE CODE DRAWINGS ON A-002 FOR LOCATIONS OF EXISTING FIRE RATED WALLS.
4. ALL NEW WALLS SHALL TYPICALLY ALIGN WITH EXISTING ADJACENT WALL SURFACE...
5. INSTALL HEAVY DUTY CORNER BEAD AT ALL OUTSIDE GWB CORNERS.
6. ALL EXISTING FIRE EXTINGUISHERS TO BE REPLACED...
7. BASE AND TALL CABINETS ARE 24" DEEP UNLESS OTHERWISE NOTED
8. WALL CABINETS ARE 12" DEEP UNLESS OTHERWISE NOTED.
9. PAINT ALL NEW AND EXISTING PIPING, CONDUIT, ETC. WHERE EXPOSED TO MATCH ADJACENT WALL/CEILING SURFACES AT ALL NEWLY PAINTED SURFACES.
10. REFERENCE INTERIOR ELEVATIONS FOR NEW WORK PERTAINING TO NEW VISUAL DISPLAY BOARDS

FLOOR PLAN SYMBOLS LEGEND & KEY:



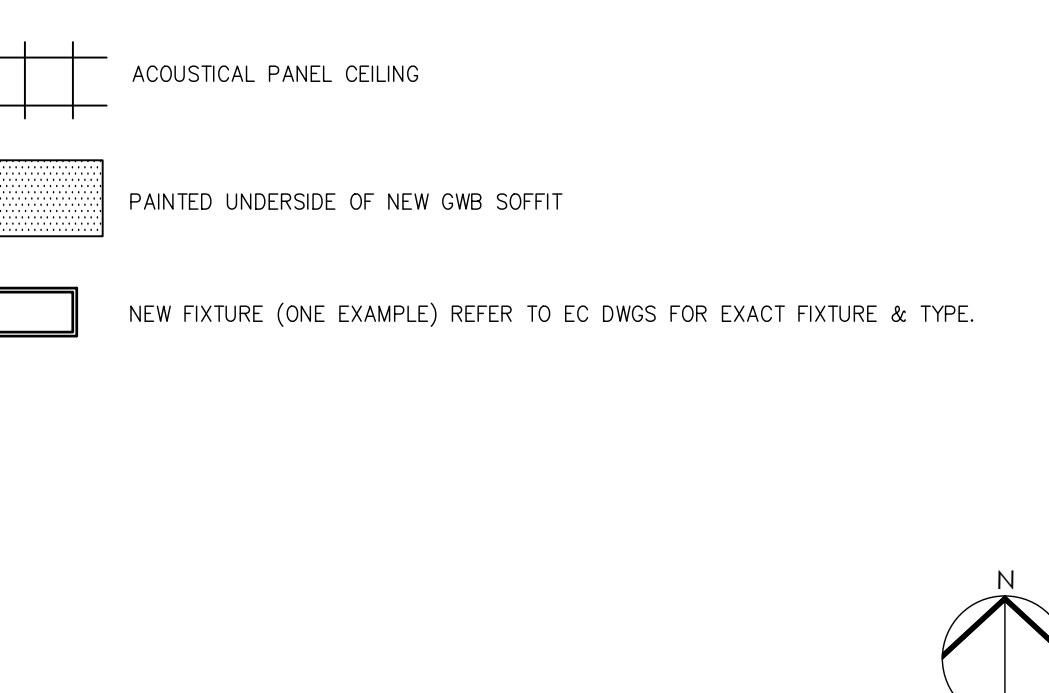
REFLECTED CEILING PLAN - KEYNOTES

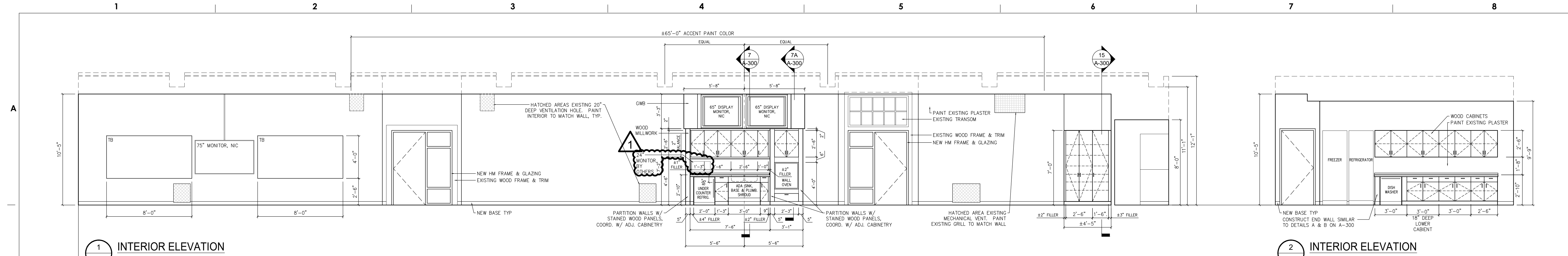
Table with 2 columns: REFLECTED CEILING PLAN - KEYNOTES and REFLECTED CEILING PLAN - KEYNOTES. Lists keynotes RC-01 through RC-04.

GENERAL REFL. CEILING PLAN NOTES:

- 1. LIGHT FIXTURE DIMENSIONS SHOWN ARE TO CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
2. EXPOSED EXISTING OR NEW DUCTWORK, PIPING AND CONDUITS SHALL BE PAINTED BY THE GC TO MATCH THE ADJACENT SURFACE COLOR...
3. GO TO REFERENCE H-SERIES AND E-SERIES DRAWINGS FOR CEILING PATCHING AT REMOVED OR RELOCATED MECHANICAL OR ELECTRICAL SYSTEMS.
4. LIGHTING SHOWN ON ARCHITECTURAL ROPS IS FOR REFERENCE ONLY AND TO INDICATE IMPORTANT ALIGNMENTS...
5. SUBCONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO INSTALLING NEW CEILING GRID...
6. PAINT NEW ELECTRICAL CONDUITS, PAINT NEW AND EXISTING ELECTRICAL CONDUITS TO MATCH NEW PAINT COLORS.
7. REFERENCE FINISH PLANS FOR PAINT FINISH DESIGNATIONS AT CEILING / SOFFITS.
8. FIRE ALARM DEVICES / HEAT DETECTORS SHOWN ON ARCHITECTURAL ROPS ARE FOR REFERENCE ONLY AND TO INDICATE IMPORTANT ALIGNMENTS... DRAWINGS FOR DEVICE TYPES.

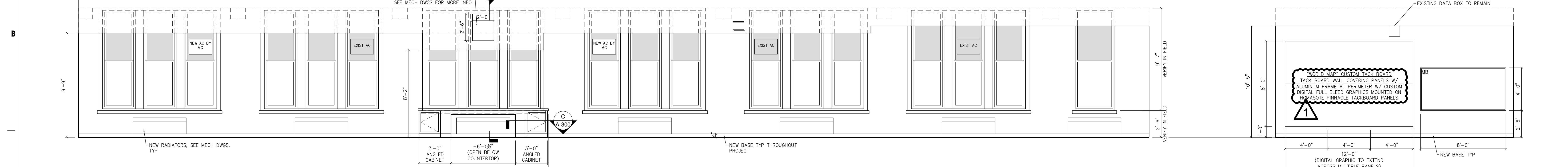
REFL. CEILING PLAN SYMBOLS LEGEND:





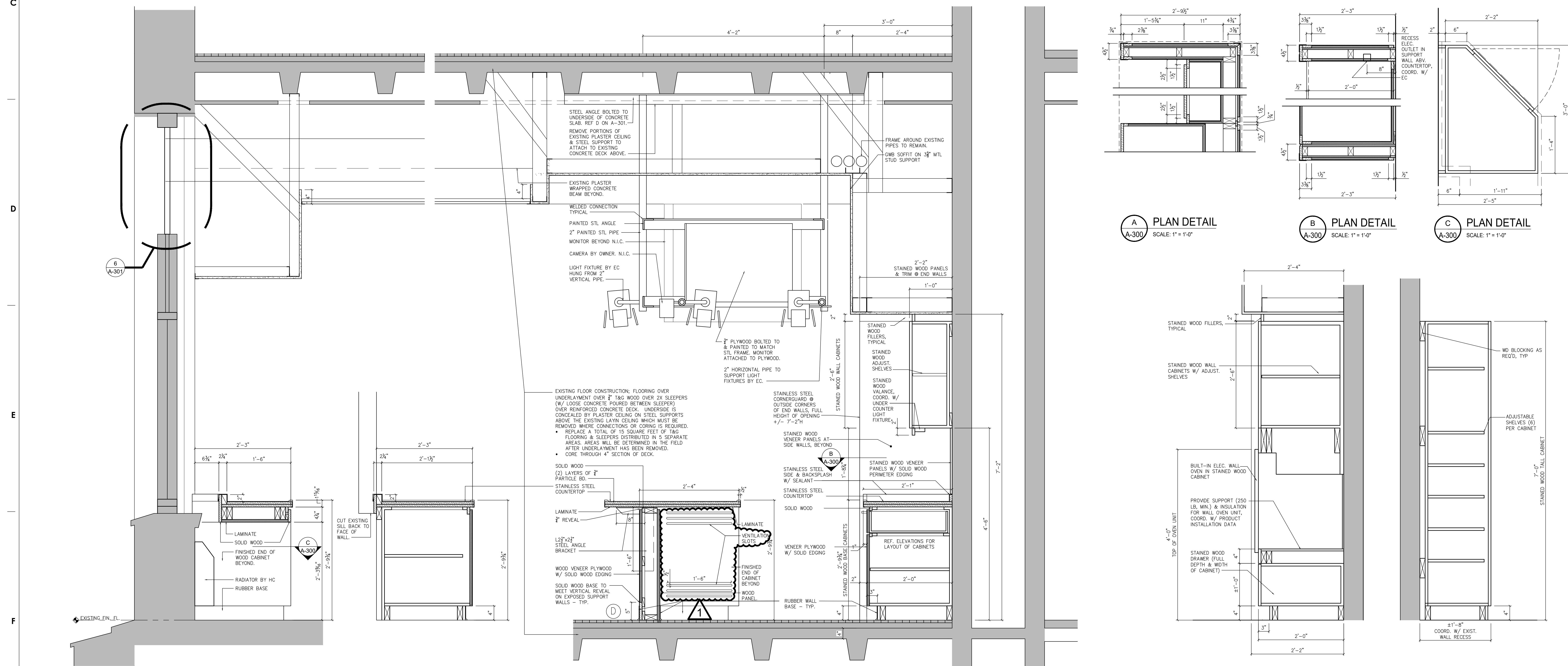
1 INTERIOR ELEVATION  
A-300 SCALE: 1/4" = 1'-0"

2 INTERIOR ELEVATION  
A-300 SCALE: 1/4" = 1'-0"

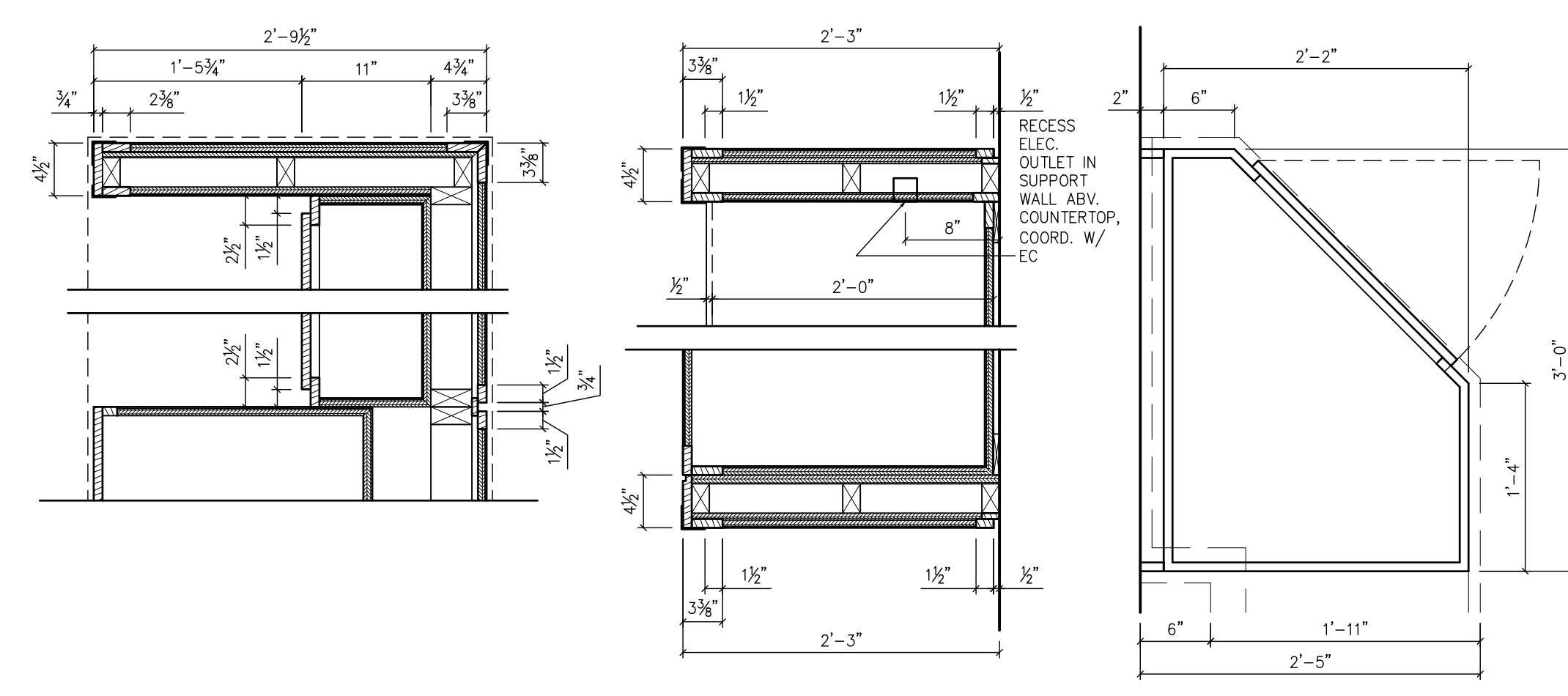


3 INTERIOR ELEVATION  
A-300 SCALE: 1/4" = 1'-0"

4 INTERIOR ELEVATION  
A-300 SCALE: 1/4" = 1'-0"



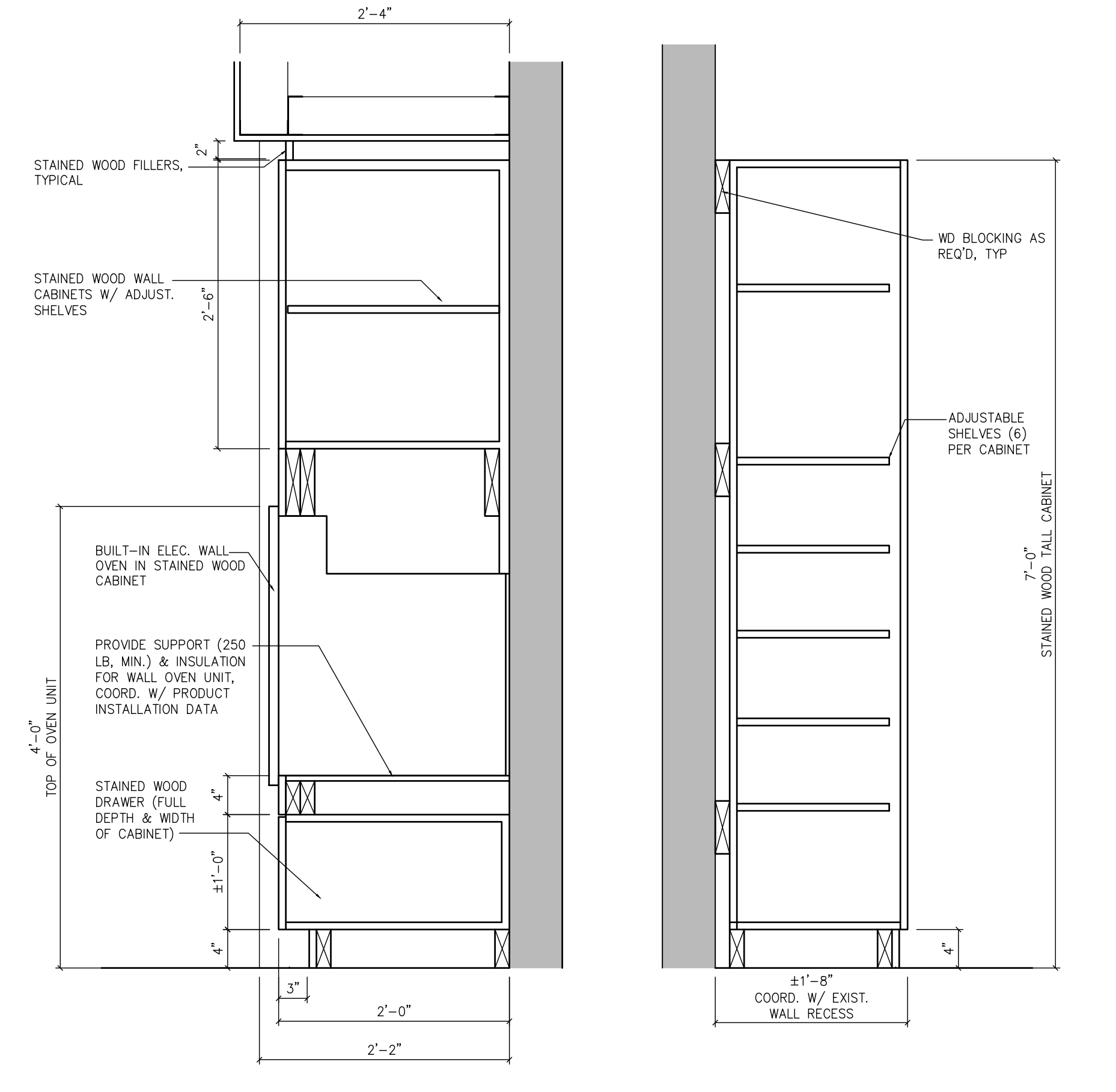
7 SECTION THROUGH INSTRUCTOR'S DEMONSTRATION AREA  
A-300 SCALE: 1" = 1'-0"



A PLAN DETAIL  
A-300 SCALE: 1" = 1'-0"

B PLAN DETAIL  
A-300 SCALE: 1" = 1'-0"

C PLAN DETAIL  
A-300 SCALE: 1" = 1'-0"



7A WALL OVEN CABINET SECTION  
A-300 SCALE: 1" = 1'-0"

15 TALL CABINET SECTION  
A-300 SCALE: 1" = 1'-0"

ISSUE FOR BID  
FEBRUARY 23, 2021

NO.	DATE	REVISION
10		
9		
8		
7		
6		
5		
4		
3		
2	3/30/2021	ADDENDUM #1
1	2/23/2021	ISSUE FOR BID

SCHOOL & LOCATION  
GENERAL LOUIS WAGNER  
MIDDLE SCHOOL  
1701 W. CHELTEN AVE. PHILADELPHIA, PA 19126

PROJECT TITLE  
CULINARY ART SUITE,  
GEN. WAGNER MIDDLE  
SCHOOL

DRAWING TITLE  
INTERIOR ELEVATIONS, WALL  
SECTIONS, AND MILLWORK  
DETAILS

DRAWING SCALE AS NOTED	
LOCATION NO.	
DRAWN BY	CHECKED BY
	KRG
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

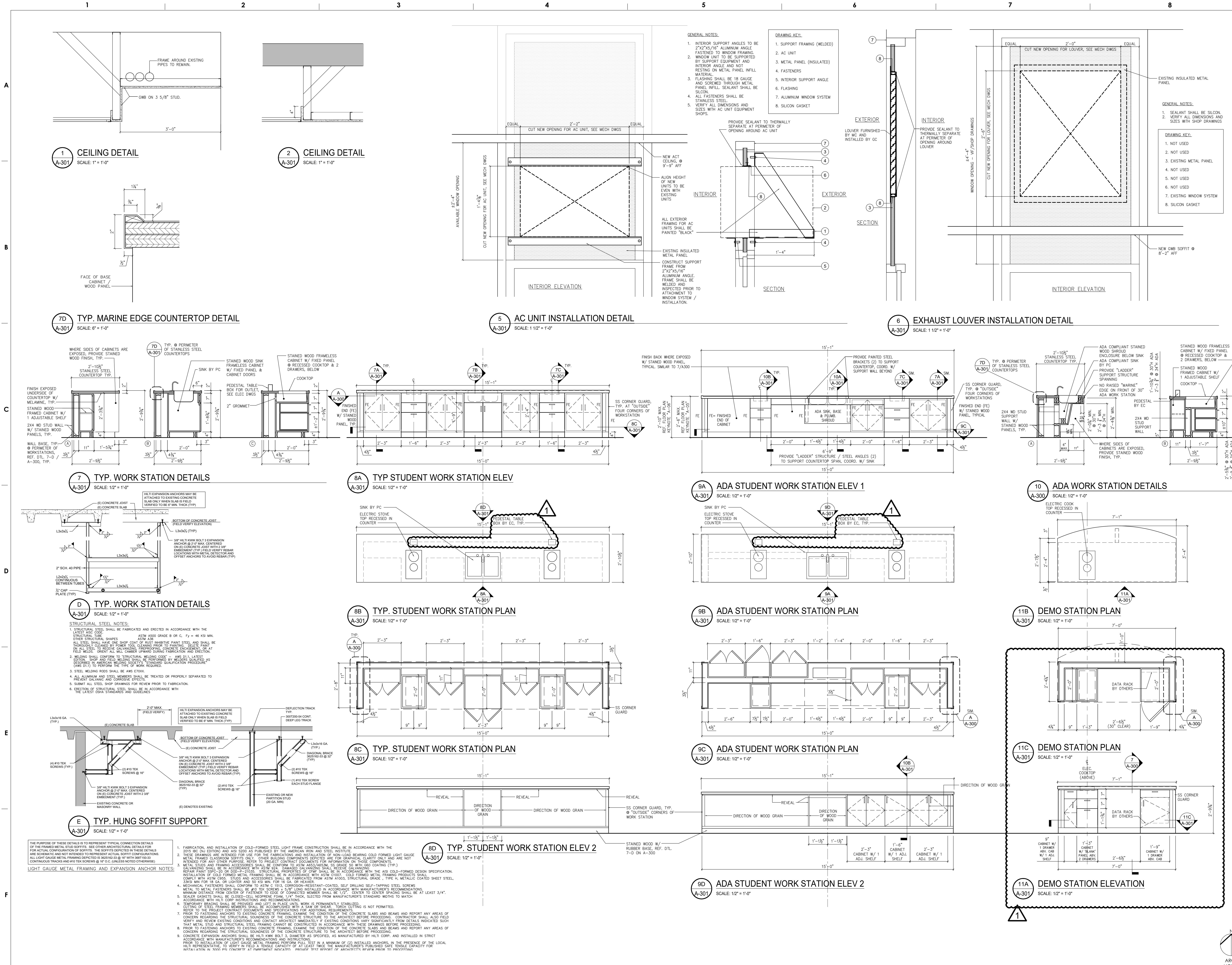
SEAL:



Name: Kevin Roy Goodhall DATE: 10/22/1996  
STATE AND LICENSE NO: RA014783X

ARCHITECT:  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA, 19002  
Phone: 215.646.2003  
Email: ALLISON@GCKOARCHITECTS.COM  
A/n: ALLISON KLINGLER

MECH., PLUMBING, AND ELECTRICAL ENGINEER:  
PSQUARE CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20 PLYMOUTH  
MEETING, PA 19462  
Phone: 484.539.9457  
Email: GCP@PSQUARE.COM  
A/n: GCP/PATEL



ISSUE FOR BID  
FEBRUARY 23, 2021

NO.	DATE	REVISION
10		
9		
8		
7		
6		
5		
4		
3		
2	3/30/2021	ADDRESS #1
1	2/23/2021	ISSUE FOR BID

SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
1701 W. CHELSEA AVE. PHILADELPHIA, PA 19126

PROJECT TITLE  
**CULINARY ART SUITE, GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**MILLWORK, CEILING, AND WINDOW DETAILS**

DRAWING SCALE  
AS NOTED

LOCATION NO.	DRAWN BY	CHECKED BY	DATE
		KRG	

GC - B-022	OF	2020 / 21
MC - B-023	OF	2020 / 21
PC - B-024	OF	2020 / 21
EC - B-025	OF	2020 / 21

DRAWING NO.  
**A-301**  
SHEET 5 OF 23

SEAL:



Name: Kevin Roy Godshall DATE: 10/22/1996  
STATE AND LICENSE NO.: RA014783X

ARCHITECT:  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA, 19002  
Phone: 215.646.2003  
Email: ALLISON@GKORARCHITECTS.COM  
Attn: ALLISON KLINGLER

MECH. PLUMBING, AND ELECTRICAL ENGINEER:  
PSQUAREDE CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20 PLYMOUTH  
MEETING, PA 19462  
Phone: 484.539.9457  
Email: GCP@PSQUAREDENG.COM  
Attn: GOPI PATEL

EQUIPMENT & FURNITURE SCHEDULE						
EQUIP #	QTY	EQUIPMENT NAME	MANF	MODEL NUMBER	LOCATION	REMARKS
E1	17	COOKTOP	SUMMIT 12" WIDE 115V 2-BURNER RADIANT COOKTOP	CR2B151B	STUDENT WORKSTATION, DEMO STATION	MUST BE ADA COMPLIANT
E2	1	DISPLAY CASE	AVANTCO CIRCULAR GLASS REFRIGERATED DISPLAY CASE	193BCR15HCB	CLASSROOM ENTRY DOOR	
E3	1	FREEZER	SUMMIT 23 CU. FT. REACH-IN ALL-FREEZER	SCFF237LH	INGREDIENT COUNTER	
E4	1	FRIDGE	SUMMIT 23 CU. FT. REACH-IN ALL-FREEZER	SCRR232	INGREDIENT COUNTER	
E5	1	WALL OVEN	GE 27" BUILT-IN SINGLE ELECTRIC WALL OVEN	JKS3000D/SN	DEMONSTRATION STATION	MUST BE ADA COMPLIANT
E6	1	DISHWASHER	GE DISHWASHER WITH HIDDEN CONTROLS	GDT225SGL/SLL	INGREDIENT COUNTER	MUST BE ADA COMPLIANT
E7	1	UNDERCOUNTER FRIDGE	SUMMIT UNDERCOUNTER ALL-REFRIGERATOR	AL54	DEMONSTRATION STATION	MAX 32.5" HEIGHT
E8.1	1	WASHER	GE FRONT LOAD WASHER	GFWS50SN/SPN	CLOSET	MUST BE ADA COMPLIANT. STACKABLE
E8.2	1	DRYER	GE FRONT LOAD DRYER	GFDS65SN/SPN	CLOSET	STACKABLE
E9.1	28	STOOL	NOT IN CONTRACT - SHOWN FOR REFERENCE ONLY			
E9.2	4	STOOL	NOT IN CONTRACT - SHOWN FOR REFERENCE ONLY			
E10	1	TABLE AND CHAIRS	NOT IN CONTRACT - SHOWN FOR REFERENCE ONLY			

INTERIOR FINISH LEGEND			
ABBREVIATION	MATERIAL DESCRIPTION	MANUFACTURE, STYLE, COLOR, FINISH	REMARKS
<b>FINISHES - FLOOR &amp; BASE:</b>			
<b>RESILIENT FLOORING:</b>			
VCT-1	VINYL COMPOSITION TILE (LT. GRAY)	ARMSTRONG - STANDARD EXCELON - IMPERIAL TEXTURE - COLOR. (TO BE SELECTED FROM MANUF. FULL COLOR RANGE)	
VCT-2	VINYL COMPOSITION TILE (MED. GRAY)	ARMSTRONG - STANDARD EXCELON - IMPERIAL TEXTURE - COLOR. (TO BE SELECTED FROM MANUF. FULL COLOR RANGE)	
VCT-3A	VINYL COMPOSITION TILE (ACCENT 'A')	ARMSTRONG - STANDARD EXCELON - IMPERIAL TEXTURE - COLOR. (TO BE SELECTED FROM MANUF. FULL COLOR RANGE)	
VCT-3B	VINYL COMPOSITION TILE (ACCENT 'B')	ARMSTRONG - STANDARD EXCELON - IMPERIAL TEXTURE - COLOR. (TO BE SELECTED FROM MANUF. FULL COLOR RANGE)	
<b>FINISHES - PAINT</b>			
P-1	PAINT - "WHITE"	SHERWIN WILLIAMS - #SW	PAINT BASE = LIGHT
P-2	PAINT - "GRAY"	SHERWIN WILLIAMS - #SW	PAINT BASE = MEDIUM
P-3A	PAINT - "ACCENT A"	SHERWIN WILLIAMS - #SW	PAINT BASE = MEDIUM / DARK
P-3B	PAINT - "ACCENT B"	SHERWIN WILLIAMS - #SW	PAINT BASE = MEDIUM / DARK
<b>FINISHES - CEILING</b>			
CLG-1	ACOUSTIC PANEL CEILING	(REF. SPECIFICATIONS)	NOTE: "SCRUB-ABLE" PANEL. SATISFIES USDA / FSIS GUIDELINES FOR SANITARY APPLICATIONS (INCLUDING KITCHEN / FOOD PREP AREAS); TESTED TO 2,000 WASH CYCLES AND COMPATIBLE WITH MOST SANITIZING SOLUTIONS. SUPERIOR STAIN RESISTANCE AND WATER REPELLENCY
CLG-2	ACOUSTIC PANEL CEILING	(REF. SPECIFICATIONS)	
<b>FINISHES - MISC.</b>			
CORNER GUARDS	CORNER GUARDS	KOROGUARD - KOROSEAL STAINLESS STEEL CORNER GUARDS #GS20 (2" WINGS)	

**ISSUE FOR BID**  
**FEBRUARY 23, 2021**

NO.	DATE	REVISION
10		
9		
8		
7		
6		
5		
4		
3		
2	3/30/2021	ADDENDUM #1
1	2/23/2021	ISSUE FOR BID

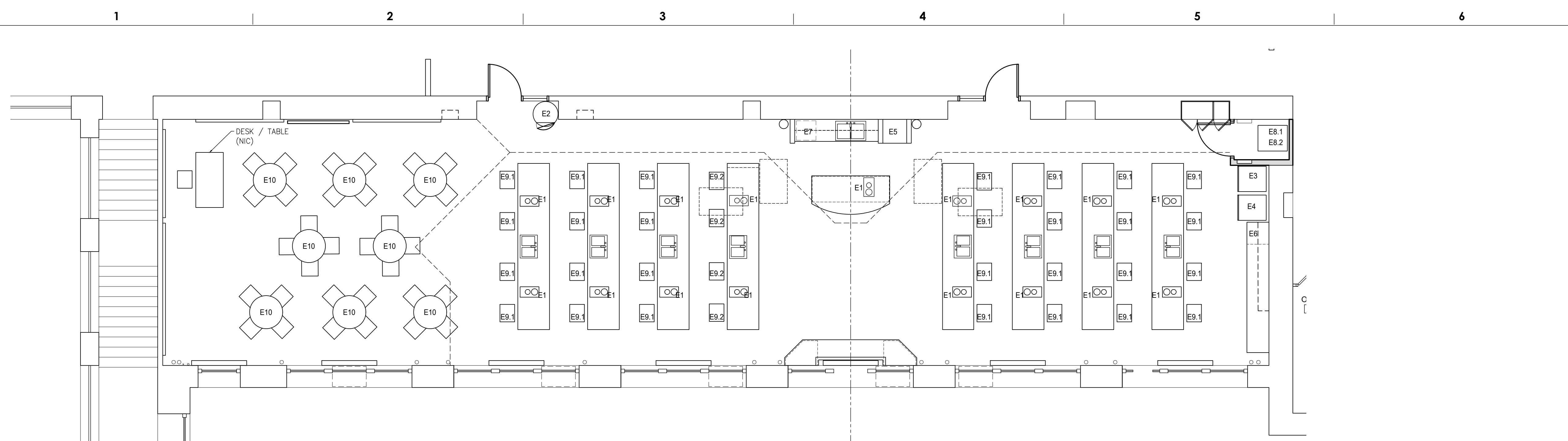
SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
1701 W. CHELSEA AVE. PHILADELPHIA, PA 19126

PROJECT TITLE  
**CULINARY ART SUITE, GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**FINISH, FURNITURE, AND EQUIPMENT PLANS**

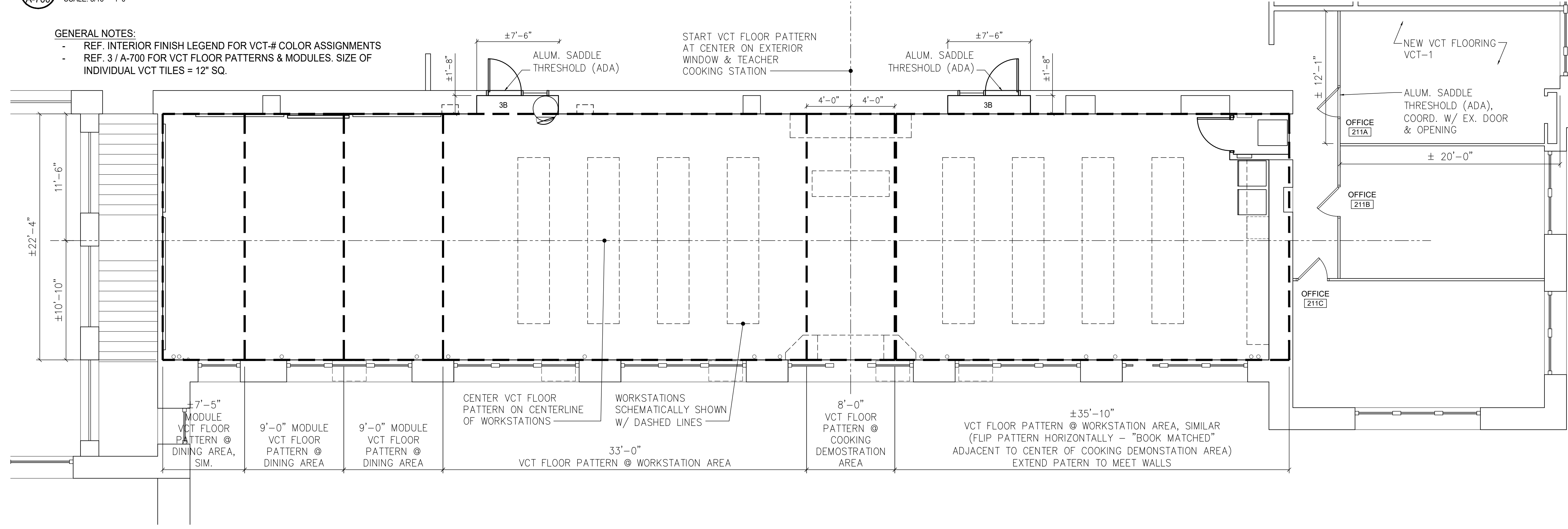
DRAWING SCALE AS NOTED	
LOCATION NO.	
DRAWN BY	CHECKED BY KRG
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

DRAWING NO.  
**A-700**  
SHEET 6 OF 23

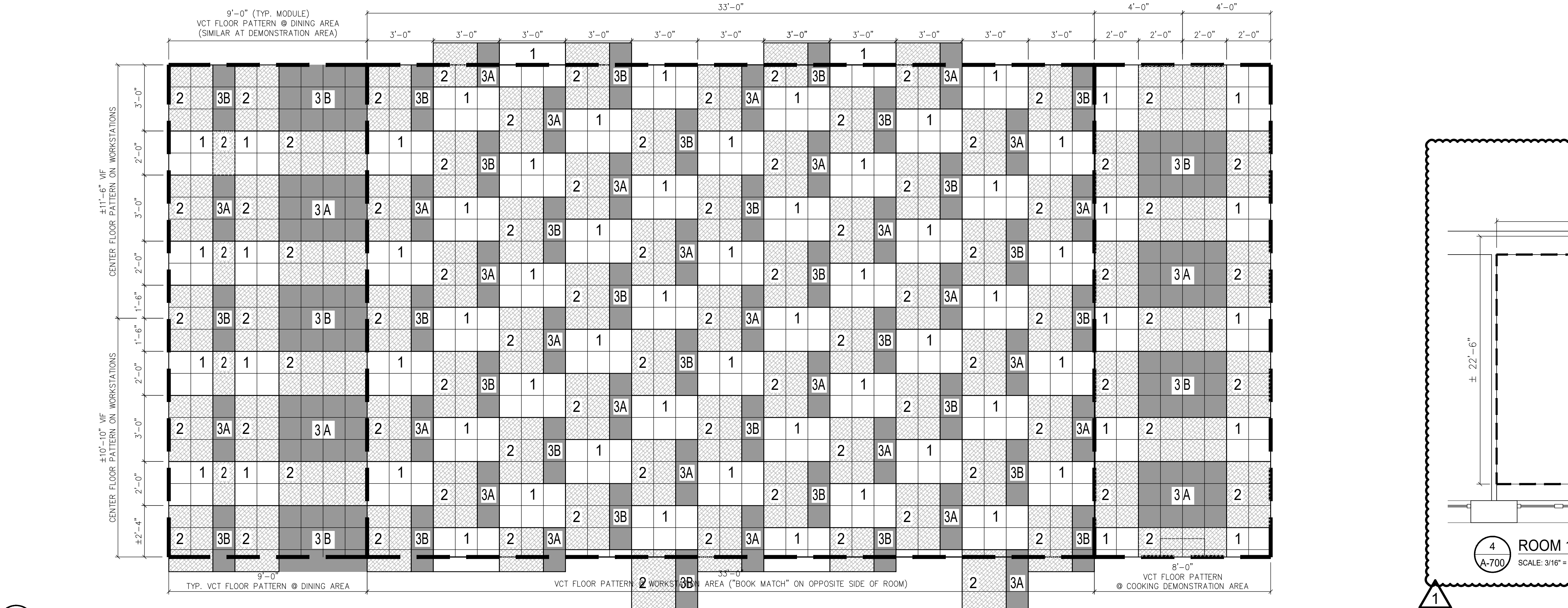


**1 FURNITURE PLAN**  
SCALE: 3/16" = 1'-0"

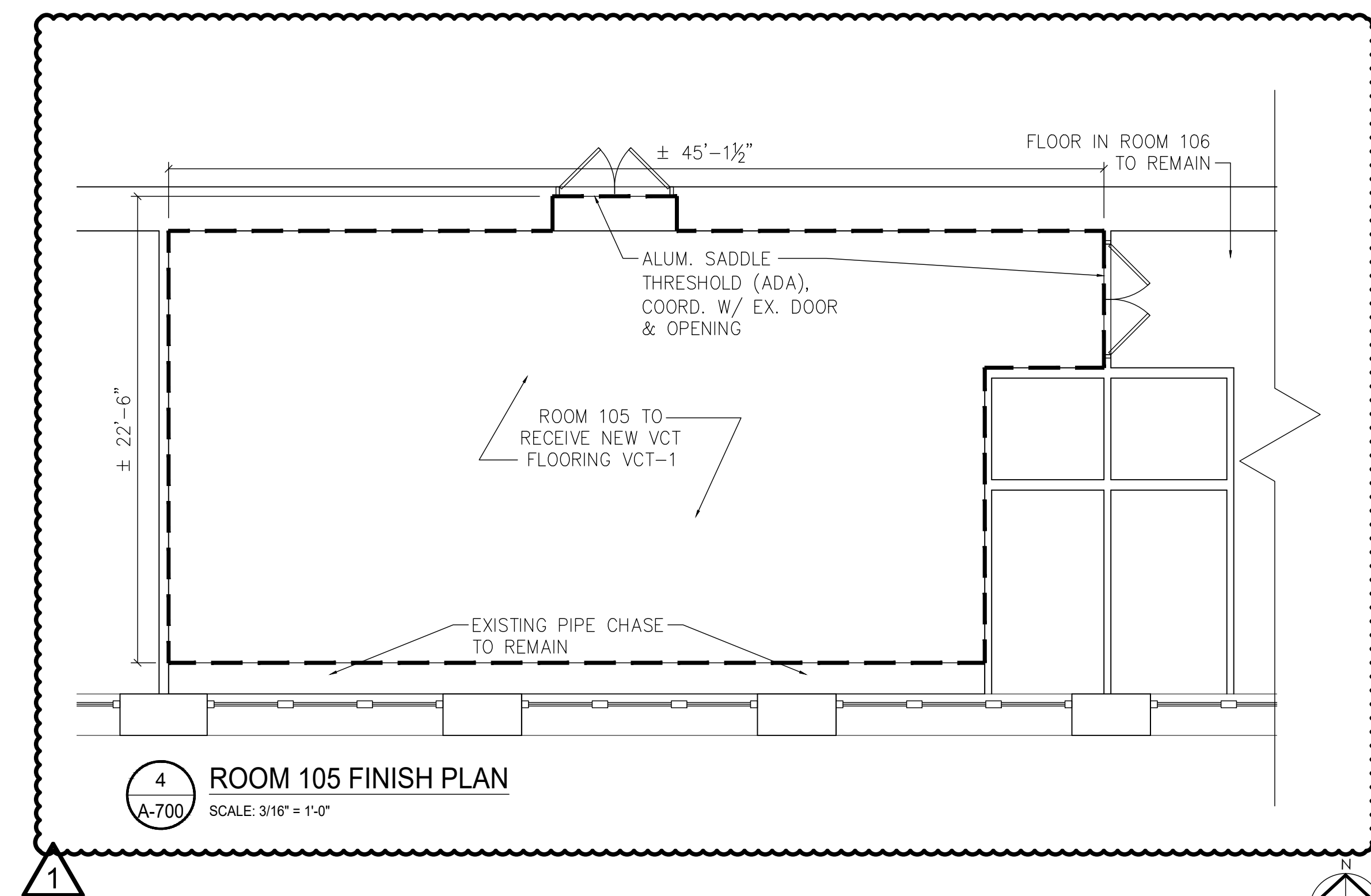
GENERAL NOTES:  
REF. INTERIOR FINISH LEGEND FOR VCT-# COLOR ASSIGNMENTS  
REF. 3 / A-700 FOR VCT FLOOR PATTERNS & MODULES. SIZE OF INDIVIDUAL VCT TILES = 12" SQ.



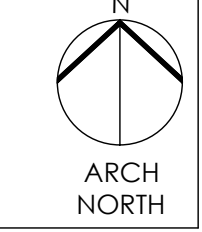
**2 FLOOR PATTERN PLAN**  
SCALE: 3/16" = 1'-0"



**3 DETAIL PLAN - VCT PATTERN**  
SCALE: 3/8" = 1'-0"

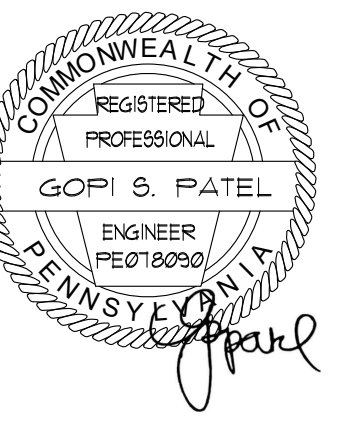


**4 ROOM 105 FINISH PLAN**  
SCALE: 3/16" = 1'-0"





SEAL:



Name: Gopi Patel

**ARCHITECT:**  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA 19002  
Phone: 215.646.2003  
Email: ALLISON@GKOARCHITECTS.COM  
Attn: ALLISON KLINGLER

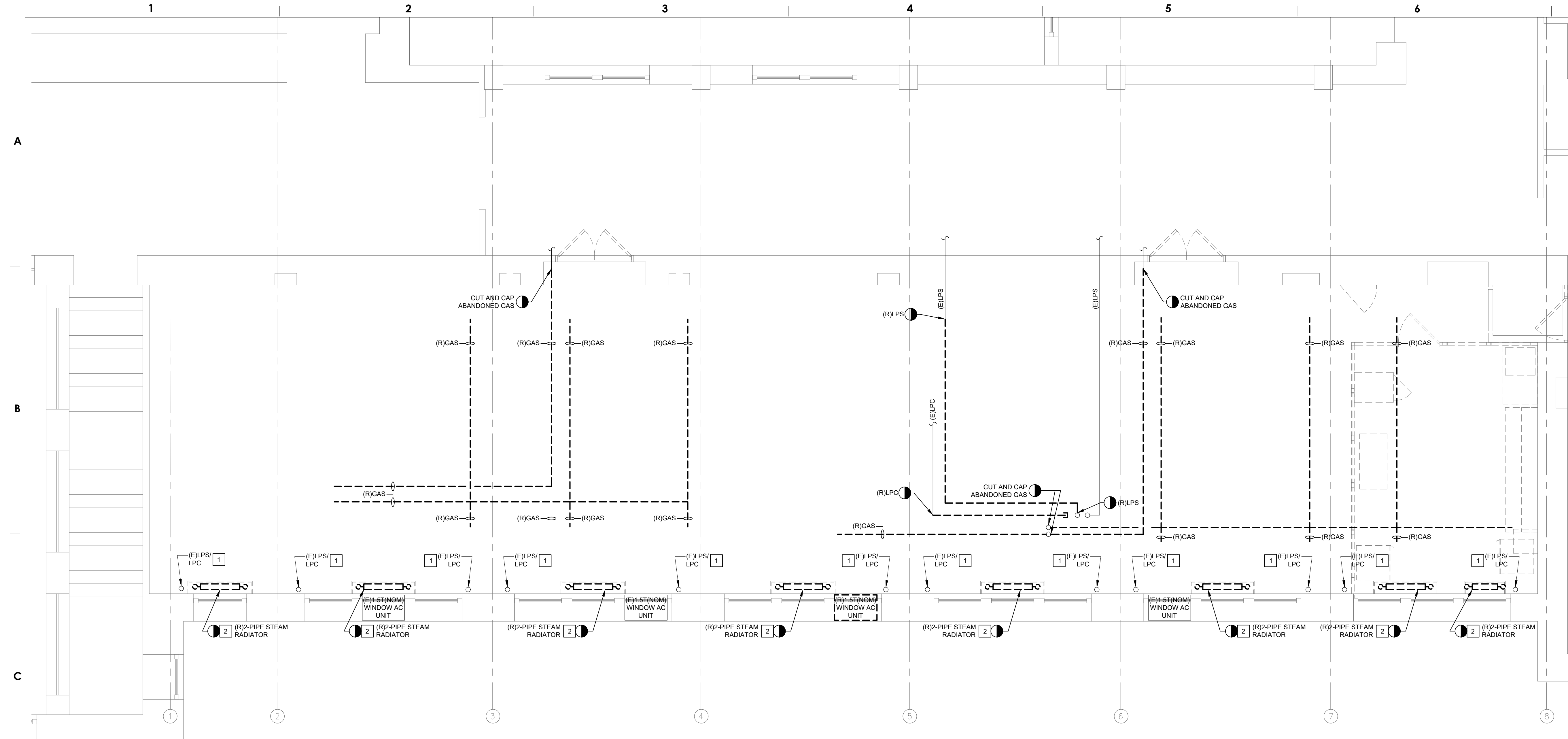
**MECH. PLUMBING, AND ELECTRICAL ENGINEER:**  
PSQUARED CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20  
PLYMOUTH MEETING, PA 19462  
Phone: 484.539.9469  
Email: GOPI.PATEL@PSQUAREDENG.COM  
Attn: GOPI PATEL

**GENERAL NOTES**

- ALL WORK SHALL COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC), THE 2018 INTERNATIONAL MECHANICAL CODE (IMC), THE 2018 PHILADELPHIA PLUMBING CODE, THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), THE 2017 NATIONAL ELECTRICAL CODE (NEC) AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES, AMENDMENTS & ORDINANCES.
- FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, REFER TO THE MECHANICAL LEAD SHEET.
- CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION AND CONFIGURATION OF ALL EXISTING CONDITIONS IN FIELD. CONFIRM ALL EXISTING CONDITIONS PRIOR TO STARTING WORK.
- OWNER HAS RIGHT TO CLAIM ANY ITEM AFTER DEMOLITION, CONFIRM WITH OWNER PRIOR TO DISPOSAL.
- REFER TO A-300 FOR EXISTING FLOOR CONSTRUCTION. BUILDING HAS INTEGRAL CONCRETE JOISTS THAT CANNOT BE CORE DRILLED.

**SHEET NOTES**

- REMOVE EXISTING INSULATION COMPLETE ON EXISTING LOW PRESSURE STEAM AND CONDENSATE RISERS.
- REMOVE EXISTING CAST IRON STEAM RADIATORS AND CONTROL VALVES. REMOVE STEAM AND CONDENSATE PIPING DOWN THRU FLOOR. PREPARE FOR CONNECTION TO NEW RADIATORS. REFER TO NEW WORK PLANS FOR MORE INFORMATION.



**1 ROOM 209 AND 210 MECHANICAL DEMOLITION PLAN**  
SCALE: 1/4" = 1'-0"

ISSUED FOR BID  
FEBRUARY 23, 2021

10		
9		
8		
7		
6		
5		
4		
3		
2	03/30/2021	ADDENDUM 1
1	02/23/2021	ISSUED FOR BID
NO.	DATE	REVISION

SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
1701 W. CHELTEN AVE. PHILADELPHIA, PA 19126

PROJECT TITLE  
**CULINARY ART SUITE, GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**ROOM 209 AND 210 DEMOLITION PLAN**

DRAWING SCALE	
LOCATION NO.	
DRAWN BY NIP	CHECKED BY GSP
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

DRAWING NO.  
**M - 200**  
SHEET 9 OF 23

SEAL:



Name: Gopi Patel

**ARCHITECT:**  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA 19002  
Phone: 215.646.2003  
Email: ALLISON@GKOARCHITECTS.COM  
Attn: ALLISON KLINGLER

**MECH. PLUMBING, AND ELECTRICAL ENGINEER:**  
PSQUARED CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20  
PLYMOUTH MEETING, PA 19462  
Phone: 484.539.9459  
Email: GOPI.PATEL@PSQUAREDENG.COM  
Attn: GOPI PATEL

**GENERAL NOTES**

- ALL WORK SHALL COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC), THE 2018 INTERNATIONAL MECHANICAL CODE (IMC), THE 2018 PHILADELPHIA PLUMBING CODE, THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), THE 2017 NATIONAL ELECTRICAL CODE (NEC) AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES, AMENDMENTS & ORDINANCES.
- FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, REFER TO THE MECHANICAL LEAD SHEET.
- CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION AND CONFIGURATION OF ALL EXISTING CONDITIONS IN FIELD. CONFIRM ALL EXISTING CONDITIONS PRIOR TO STARTING WORK.
- REFER TO A-300 FOR EXISTING FLOOR CONSTRUCTION. BUILDING HAS INTEGRAL CONCRETE JOISTS THAT CANNOT BE CORE DRILLED.

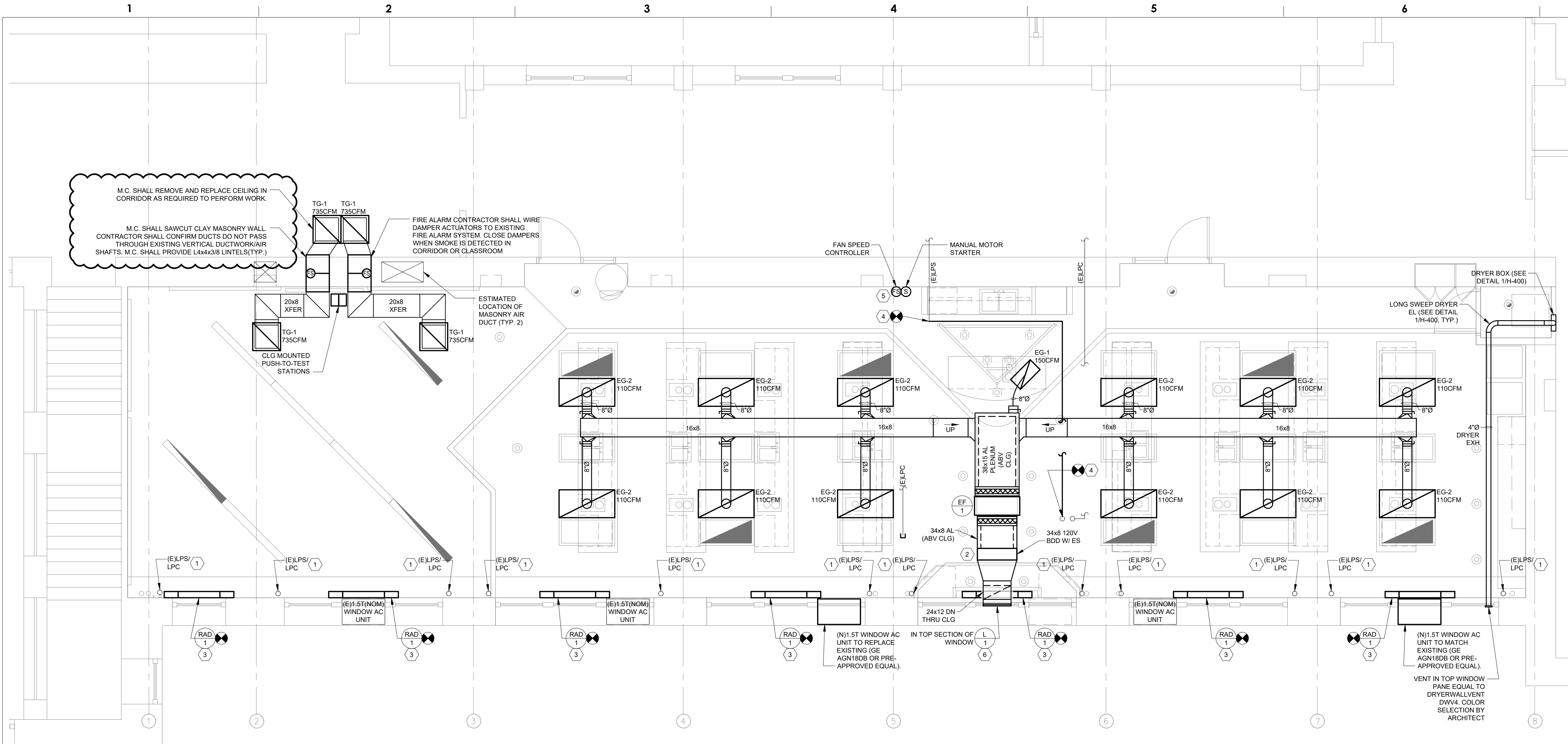
**SHEET NOTES**

- REINSULATE EXISTING STEAM RISERS BETWEEN FLOOR AND CEILING. PROVIDE DAMAGE RESISTANT RIGID INSULATION BETWEEN FLOOR AND RFT AFF. (FOAMGLAS OR SIMILAR). PROVIDE MINERAL FIBER INSULATION OF SAME THICKNESS FROM FT TO CEILING. PROVIDE 30MIL PVC JACKETING OVER ENTIRE RISER.
- PROVIDE GREENHECK WD-200 MOTOR OPERATED BACKDRAFT DAMPER, OR SIMILAR (0.1"APD MAX). PROVIDE 120VAC ACTUATOR AND 120VAC END SWITCH. FAN POWER SHALL BE ROUTED THRU END SWITCH. DAMPER SHALL OPEN FULLY PRIOR TO FAN STARTING.
- PROVIDE NEW RADIATOR AS SCHEDULED. EXTEND NEW STEAM AND CONDENSATE PIPING UP THRU (E) FLOOR CORES TO RADIATOR AS REQUIRED. PROVIDE NEW THERMOSTATIC STEAM CONTROL VALVE AND STEAM TRAP. REFER TO DETAIL 214-600 FOR ADDITIONAL INFORMATION.
- CUT AND REROUTE STEAM/CONDENSATE PIPING ABOVE CEILING TO AVOID NEW FAN AND DUCTWORK SYSTEM. INSULATE NEW PIPING PER SPECIFICATIONS.
- INSTALL TOP OF CONTROLS AT 48" AFF MAX.
- LOUVER FURNISHED BY M.C., INSTALLED BY G.C., DUCTWORK BY M.C.

**ADDITIONAL INSULATION REQUIREMENTS**

THIS CONTRACTOR SHALL PROVIDE NEW PIPING INSULATION (FOR STEAM/CONDENSATE AND DOMESTIC WATER PIPING) WHERE EXISTING INSULATION IS ABATED (ABATEMENT BY OTHERS). PROVIDE NEW PREFORMED MINERAL FIBER INSULATION WITH ASJ JACKET TO REPLACE EXISTING. REFER TO MECHANICAL AND PLUMBING SPECIFICATIONS FOR INSULATION THICKNESS (CONFIRM PIPE SERVICE IN FIELD).

- PROJECT AREA (ROOM 209):
  - REPLACE FOR 21 ELBOWS ABOVE CEILING
  - REPLACE 20 LINEAR FEET ABOVE CEILING
  - REPLACE FOR 12 LINEAR FEET FOR VERTICAL PIPE IN EXISTING KITCHEN CORNER
- ROOM ADJACENT TO PROJECT AREA (ROOM 211A):
  - REPLACE FOR 4 ELBOWS ABOVE CEILING
  - REPLACE FOR 12 LINEAR FEET ABOVE CEILING
- ROOM ADJACENT TO PROJECT AREA (ROOM 211C):
  - REPLACE FOR 12 LINEAR FEET
  - REPLACE FOR 15 LINEAR FEET ABOVE CEILING
- ROOMS BELOW PROJECT AREA (ROOMS 105 & 106):
  - REPLACE FOR 270 LINEAR FEET OF "PIPE INSULATION AND ELBOW SYSTEM"



**1 ROOM 209 AND 210 MECHANICAL NEW WORK PLAN**  
M-300 SCALE: 1/4" = 1'-0"

ISSUED FOR BID  
FEBRUARY 23, 2021

10		
9		
8		
7		
6		
5		
4		
3		
2	03/30/2021	ADDENDUM 1
1	02/23/2021	ISSUED FOR BID
NO.	DATE	REVISION

SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
1701 W. CHELTEN AVE. PHILADELPHIA, PA 19126

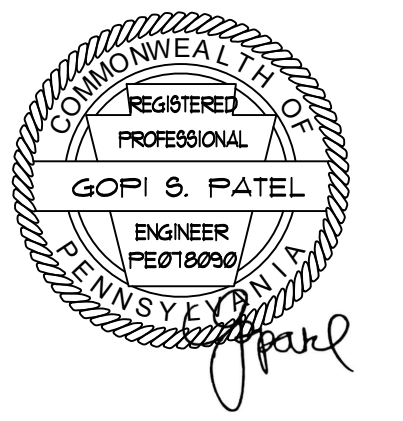
PROJECT TITLE  
**CULINARY ART SUITE, GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**ROOM 209 AND 210 NEW WORK PLAN**

DRAWING SCALE	
LOCATION NO.	
DRAWN BY NIP	CHECKED BY GSP
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

DRAWING NO.  
**M - 300**  
SHEET 10 OF 23

SEAL:



Name: Gopi Patel

**ARCHITECT:**  
 GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
 300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
 AMBLER, PA. 19002  
 Phone: 215.646.2003  
 Email: ALLISON@GKOARCHITECTS.COM  
 Attn: ALLISON KLINGLER

**MECH. PLUMBING, AND ELECTRICAL ENGINEER:**  
 PSQUARED CONSULTING ENGINEERS  
 920 GERMANTOWN PIKE, SUITE 20  
 PLYMOUTH MEETING, PA 19462  
 Phone: 484.539.9459  
 Email: GOPI.PATEL@PSQUAREDENG.COM  
 Attn: GOPI PATEL

**GENERAL DEMOLITION NOTES**

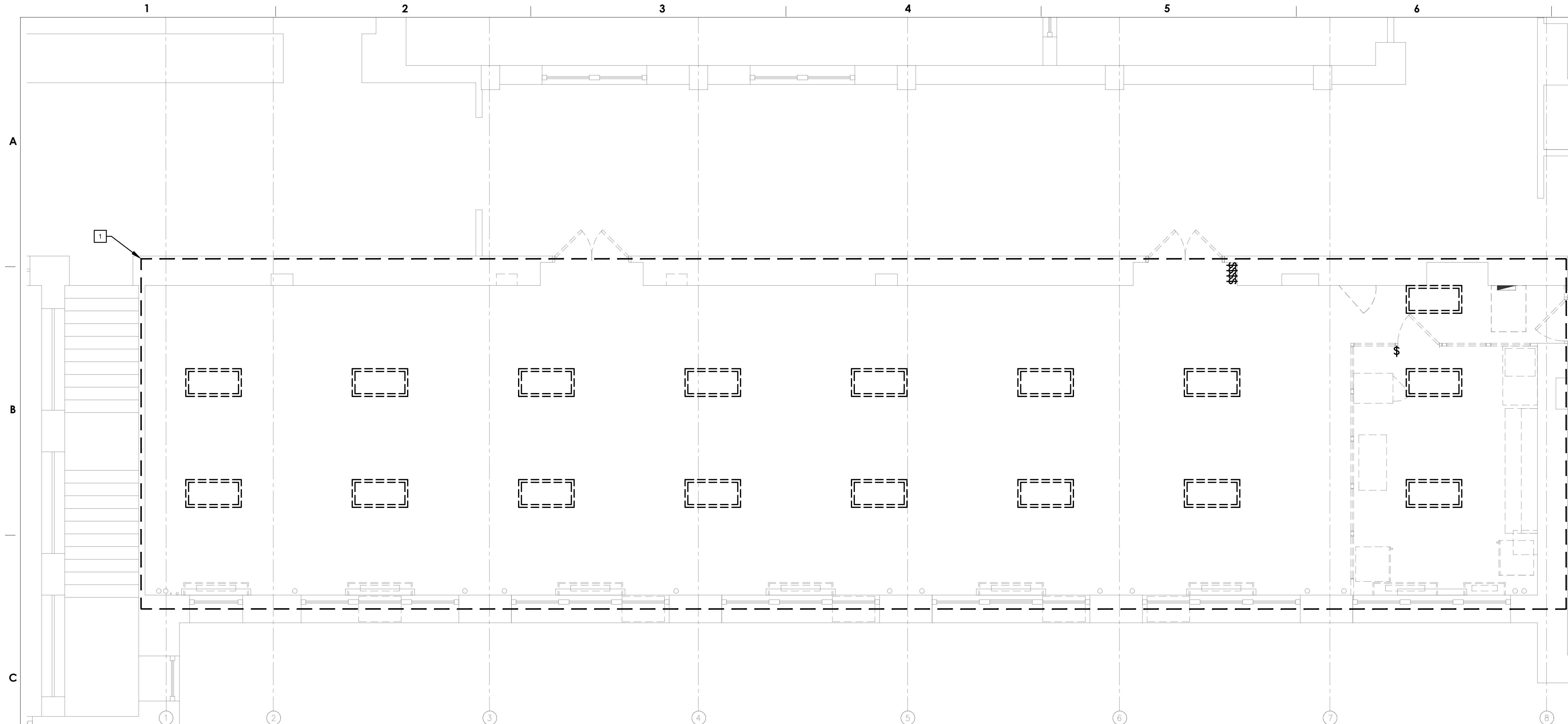
1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AS WELL AS ALL APPLICABLE STATE & LOCAL CODES & ORDINANCES.
2. FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, REFER TO ELECTRICAL LEAD SHEET.
3. ALL EQUIPMENT SHOWN ON THE DEMOLITION PLANS IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
4. ALL DEMOLITION WORK SHALL BE PERFORMED WITH "DUE CARE AND DILIGENCE" SO AS TO PREVENT THE ARBITRARY DESTRUCTION OR INTERRUPTION OF CONCEALED UTILITIES WHICH ARE INTENDED TO REMAIN IN USE AND THE ROUTING OF WHICH COULD NOT BE PREDETERMINED UNTIL DEMOLITION WAS STARTED. ALL SUCH DISCOVERIES OF UTILITIES DURING THE DEMOLITION PROCESS WHICH ARE IN A LOCATION DIFFERENT FROM THAT INDICATED, CHANGE DIRECTION FROM FLOOR TO FLOOR, ETC. OR ARE UNIDENTIFIED SHALL BE REPORTED TO THE ARCHITECT AND TO THE ENGINEER BEFORE REMOVAL.
5. THE DEMOLITION WORK AT ALL TIMES SHALL BE SUBJECT TO THE DIRECTION AND APPROVAL OF OWNER/LANDLORD AND BE CARRIED OUT IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE NORMAL OPERATION OF THE BUILDING.
6. THE DEMOLITION DRAWINGS GENERALLY INDICATE THE REMOVAL OF ITEMS WHICH ARE IN VIEW OR BELIEVED TO BE CONCEALED (SUCH AS EXISTING COLUMNS CONCEALED WITHIN WALLS, ETC.) THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT AND THE ENGINEER, IN WRITING, OF THE FOLLOWING CONDITIONS, BEFORE SUCH CONDITIONS ARE DISTURBED AND BEFORE SIGNIFICANT DELAY OR COST IS INCURRED BY THE CONTRACTOR:
  - A. CONCEALED OR UNKNOWN CONDITIONS ENCOUNTERED WHICH DIFFER MATERIALLY FROM THOSE INDICATED OR REASONABLY IMPLIED BY THE CONTRACT DOCUMENTS.
  - B. CONCEALED PHYSICAL CONDITIONS IN THE EXISTING STRUCTURE OF AN UNUSUAL NATURE.
7. EXISTING TO BE DEMOLISHED:
  - A. THE GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DESIGNATED AND/OR SHOWN TO BE DEMOLISHED AND CLEAR TO RECEIVE NEW WORK AS HEREIN INDICATED.
  - B. ELECTRICAL CONTRACTOR SHALL REMOVE ALL DEVICES AND ITEMS PERTAINING TO ELECTRICAL FROM ALL EXISTING PARTITIONS, CEILINGS, ETC. BEING REMOVED.
  - C. ALL EXISTING WIRING AND CONDUIT SHALL BE REUSED, WHERE FEASIBLE. CIRCUITS NOT REUSED SHALL BE REMOVED BACK TO SOURCE. COORDINATE DEMOLITION WITH CONCURRENT GENERAL.
  - D. DEMOLITION, UNLESS NOTED TO BE ABANDONED, ALL ELECTRICAL WHICH PASS THROUGH OR ARE AFFECTED BY THE DEMOLITION SHALL BE MAINTAINED IN A COMPLETE AND FULLY OPERATIONAL CONDITION OR, WHERE NOTED, BE APPROPRIATELY CAPPED OFF. PROVIDE TEMPORARY SYSTEMS AS REQUIRED TO MAINTAIN FULL OPERATION OUTSIDE THE AREA OF DEMOLITION.
8. EXISTING ELECTRICAL CIRCUITS, WHETHER WITHIN OR OUTSIDE THE LIMITS OF THE CONTRACT, SHALL BE REPAIRED WHERE ANY DAMAGE HAS OCCURRED DUE TO CONSTRUCTION.
9. EQUIPMENT AND MATERIALS DESIRED BY OWNER/LANDLORD SHALL BE STORED AT THE SITE BY THE CONTRACTOR AT A LOCATION DIRECTED BY OWNER/LANDLORD. EQUIPMENT AND MATERIALS NOT DESIRED BY OWNER/LANDLORD SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR IMMEDIATELY. OWNER/LANDLORD SHALL PROVIDE LIST OF EQUIPMENT AND MATERIALS TO BE RETAINED.
10. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL CIRCUITS AND DIMENSIONS IN THE FIELD, AND SHALL ADVISE THE RESPONSIBLE PARTY OF ANY DISCREPANCIES BEFORE PERFORMING THE WORK.
11. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED LICENSES AND PERMITS.
12. CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING AND TEMPORARY PROTECTION. DO NOT ALTER STRUCTURAL MEMBERS SHOWN TO REMAIN UNLESS SPECIFICALLY DIRECTED TO DO SO BY STRUCTURAL ENGINEER.
13. CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE DISTURBANCES TO OWNER/LANDLORD PERSONNEL DURING WORK OPERATIONS. AFTER EACH DAYS WORK ACTIVITIES THE CONTRACTOR SHALL CLEAR THE SITE OF DEBRIS AND OTHER WORK MATERIALS.
14. MAINTAIN ACCESS TO EXISTING EXITS AT ALL TIMES. FIRE ALARM AND SMOKE DETECTION SYSTEM TO REMAIN OPERATIONAL AT ALL TIMES.
15. CONTRACTOR IS TO COORDINATE SHUTDOWN OF CIRCUITS WITH RESPONSIBLE PARTY. CONTRACTOR IS TO MAINTAIN OPERABILITY OF ALL CIRCUITS FOLLOWING PERFORMANCE OF ALL WORK.
16. ALL LIGHTING FIXTURES AND RECEPTACLES INDICATED TO BE DEMOLISHED SHALL BE RETURNED TO OWNER/LANDLORD. DEMOLISH ALL ASSOCIATED CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX.
17. CONTRACTOR SHALL VERIFY LOCATION AND CONFIGURATION OF ALL EXISTING CONDITIONS IN FIELD. CONFIRM ALL EXISTING CONDITIONS PRIOR TO STARTING WORK.
18. COORDINATE ALL WORK WITH OWNER/LANDLORD AND OTHER TRADES.

**SHEET NOTES**

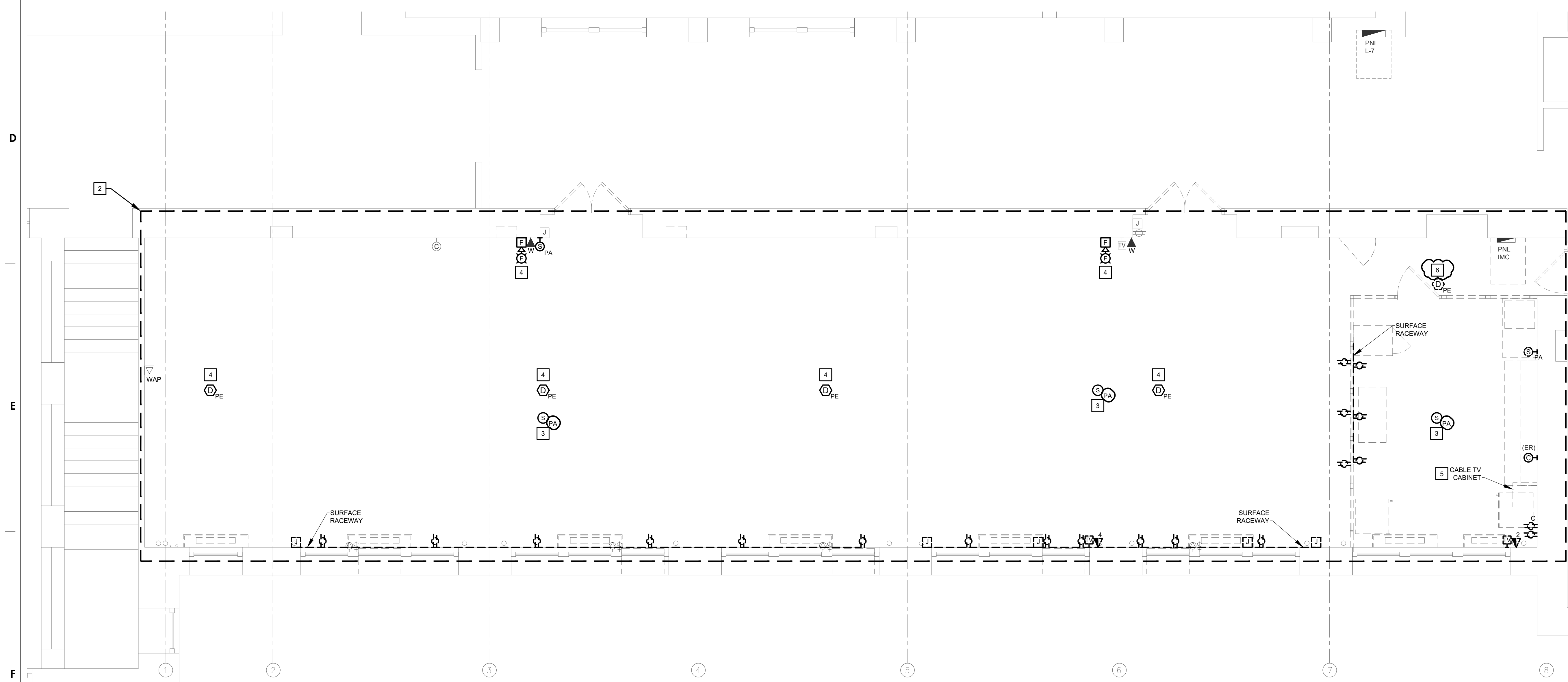
- 1 DEMOLISH ALL EXISTING LIGHT FIXTURES AND CONTROL DEVICES WITHIN THIS AREA, UNLESS NOTED OTHERWISE. DISCONNECT AND REMOVE EXISTING WIRING AND CONDUIT BACK TO SOURCE. TURN BREAKER TO OFF POSITION AND MARK AS "SPARE".
- 2 DEMOLISH ELECTRICAL EQUIPMENT / DEVICES AS SHOWN WITHIN THIS AREA, UNLESS NOTED OTHERWISE. DISCONNECT AND REMOVE EXISTING WIRING AND CONDUIT BACK TO SOURCE. TURN BREAKER TO OFF POSITION AND MARK AS "SPARE".
- 3 DISCONNECT, REMOVE AND REINSTALL CEILING MOUNTED DEVICES, COORDINATE WITH NEW CEILING WORK.
- 4 EXISTING FIRE ALARM DEVICE TO BE REPLACED IN PLACE. DISCONNECT AND LEAVE EXISTING WIRING IN SAFE CONDITION FOR FUTURE REUSE.
- 5 DEMOLISH EXISTING CABLE TV CABINET. DISCONNECT AND REMOVE ALL EXISTING WIRING, CONDUIT AND ASSOCIATED DEVICES BACK TO SOURCE.
- 6 DEMOLISH EXISTING FIRE ALARM DEVICE. DISCONNECT AND LEAVE EXISTING WIRING IN SAFE CONDITION FOR FUTURE REUSE.

**LEGEND**

- - - EXISTING TO REMAIN
- - - DEMOLISH
- (ER) EXISTING TO BE RELOCATED



**1 ROOM 209 AND 210 LIGHTING DEMOLITION PLAN**  
 E-100 SCALE: 1/4" = 1'-0"



**2 ROOM 209 AND 210 POWER AND SPECIAL SYSTEMS DEMOLITION PLAN**  
 E-100 SCALE: 1/4" = 1'-0"

ISSUED FOR BID  
 FEBRUARY 23, 2021

10		
9		
8		
7		
6		
5		
4		
3		
2	03/30/2021	ADDENDUM #1
1	02/23/2021	ISSUED FOR BID
NO.	DATE	REVISION

SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
 1701 W. CHELTEN AVE. PHILADELPHIA, PA 19126

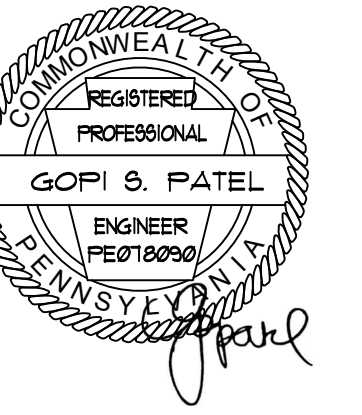
PROJECT TITLE  
**CULINARY ART SUITE, GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**ROOM 209 AND 210 ELECTRICAL DEMOLITION PLANS**

DRAWING SCALE	
LOCATION NO.	
DRAWN BY NIP	CHECKED BY GSP
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

DRAWING NO.  
**E - 100**  
 SHEET 16 OF 23

SEAL:



Name: Gopi Patel

**ARCHITECT:**  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA 19002  
Phone: 215.646.2003  
Email: ALISON@GKOARCHITECTS.COM  
Attn: ALLISON KLINGLER

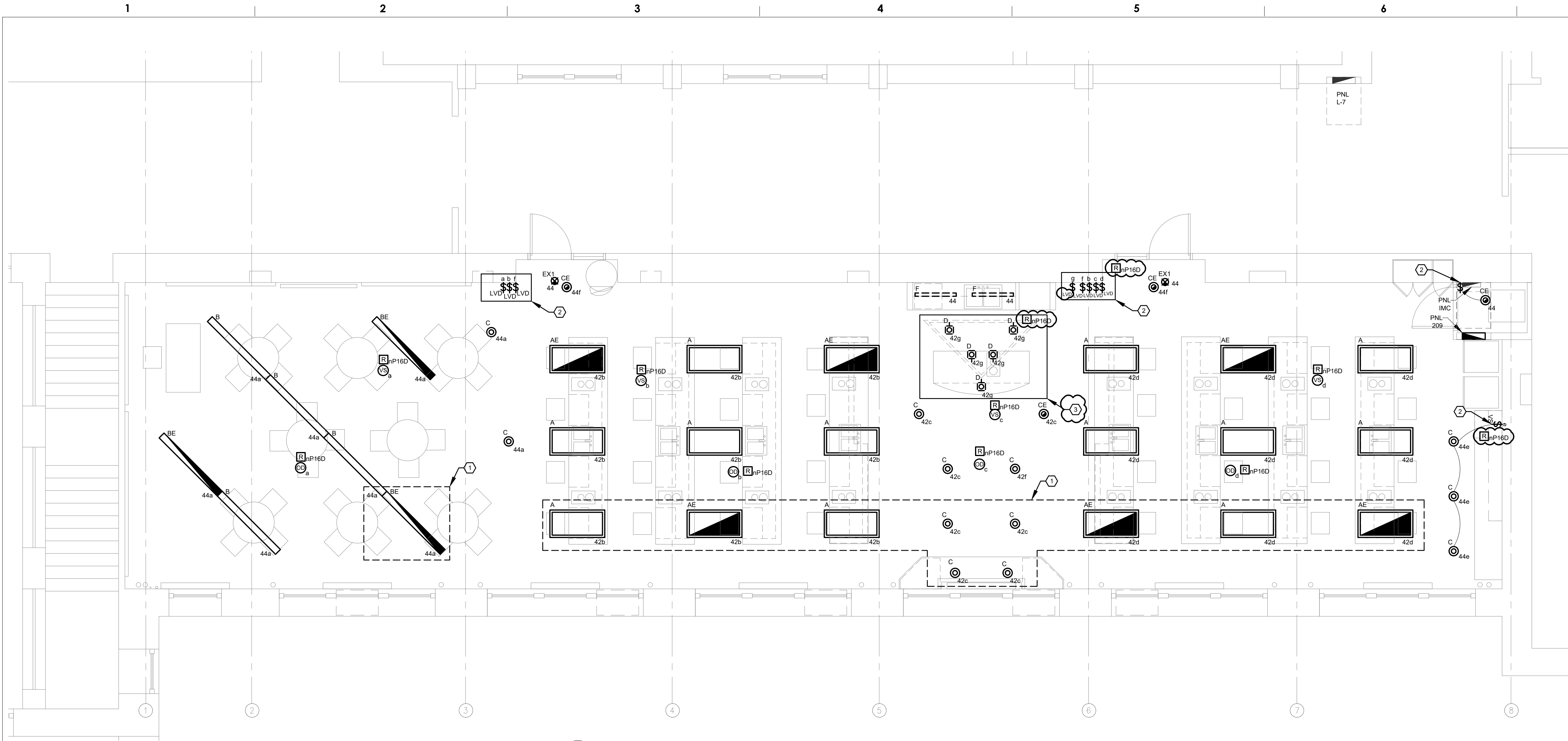
**MECH. PLUMBING, AND ELECTRICAL ENGINEER:**  
PSQUARED CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20  
PLYMOUTH MEETING, PA 19462  
Phone: 484.539.9459  
Email: GOPI.PATEL@PSQUAREDENG.COM  
Attn: GOPI PATEL

**GENERAL NOTES**

1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE 2017 AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES & ORDINANCES.
2. FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, REFER TO ELECTRICAL LEAD SHEET.
3. ALL LIGHT FIXTURES SHALL BE CIRCUITED TO NEW PANEL 209, UNLESS NOTED OTHERWISE.
4. ALL EXIT SIGNS SHALL BE UNCONTROLLED AND TIED AHEAD OF LOCAL AREA LIGHT SWITCH.

**SHEET NOTES**

1. CONNECT LIGHTING FIXTURES WITHIN THIS AREA TO DAYLIGHT SENSOR FOR LIGHTING CONTROL.
2. PROVIDE SURFACE RACEWAY (LEGRAND 500/700 SERIES OR APPROVED EQUAL) WITH BOXES AND FITTINGS REQUIRED FOR ALL SURFACE MOUNTED DEVICES.
3. LIGHT FIXTURES TO BE MOUNTED TO A 2" PIPE USING C-CLAMP. REFER TO ARCHITECTURAL DETAIL 7/A-300 FOR ADDITIONAL INFORMATION. UTILIZE METAL CLAD CABLE FOR POWER CONNECTIONS TO LIGHT FIXTURES MOUNTED ON THE METAL FABRICATED SUPPORT CAGE ABOVE DEMONSTRATION TABLE. FIELD COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. SECURE ALL CABLE TO THE METAL STRUCTURE AT INTERVALS OF 12 INCHES. ROUTE CABLE NEATLY IN WORKMANLIKE MANNER, HIDDEN BEHIND THE STRUCTURE WHERE POSSIBLE. PAINT CABLE TO MATCH METAL STRUCTURE.



**1 ROOM 209 AND 210 LIGHTING NEW PLAN**  
SCALE: 1/4" = 1'-0"

**LIGHTING FIXTURE SCHEDULE**

TYPE	DESCRIPTION	LAMP DATA		MOUNTING	MANUFACTURER & CATALOG NUMBER	VOLTAGE	INPUT WATTS	TOTAL LUMENS
		NO.	TYPE					
A	2'x4', RECESSED LED LIGHT FIXTURE; NSF LISTED	1	LED	RECESSED	LITHONIA LIGHTING EPANL 2X4 4800LM 80CRI 40K MIN10 ZT MVOLT	MVOLT	46.27 WATTS	4800 LUMENS
AE	2'x4', RECESSED LED LIGHT FIXTURE WITH EMERGENCY BATTERY PACK; NSF LISTED	1	LED	RECESSED	LITHONIA LIGHTING EPANL 2X4 6000LM 80CRI 40K MIN10 ZT MVOLT E10WCP	MVOLT	46.27 WATTS	4800 LUMENS
B	3" DIAMETER ROUND LIGHTPLANE LED PENDANT DIRECT/INDIRECT LIGHT FIXTURE; FIXTURE LENGTH AND STEM LENGTH AS REQUIRED	1	LED	PENDANT 8'-6" AFF	ALW USA RLP3S-S06-LOW/80/4000-0/10V/S-EXT-LOW/80/4000-0/10V/S-EXT-RAL-UNV-COMBO	MVOLT	10.6 WFT	1300 LM/FT
BE	3" DIAMETER ROUND LIGHTPLANE LED PENDANT DIRECT/INDIRECT LIGHT FIXTURE; FIXTURE LENGTH AND STEM LENGTH AS REQUIRED; EMERGENCY BATTERY PACK;	1	LED	PENDANT 8'-6" AFF	ALW USA RLP3S-S06-LOW/80/4000-0/10V/S-EXT-LOW/80/4000-0/10V/S-EXT-RAL-UNV-EMB-COMBO	MVOLT	10.6 WFT	1300 LM/FT
C	6" LED DOWNLIGHT FIXTURE; NSF LISTED	1	LED	RECESSED	GOHAM EV06FS 40/10 DFF SMO MVOLT E210	MVOLT	9.6 WATTS	1000 LUMENS
CE	6" LED DOWNLIGHT FIXTURE WITH EMERGENCY BATTERY PACK; NSF LISTED	1	LED	RECESSED	GOHAM EV06FS 40/10 DFF SMO MVOLT E210 ELR	MVOLT	9.6 WATTS	1000 LUMENS
D	FALLERY FLOOD LUMINAIRE; PROVIDE WITH C-CLAMP SIZED FOR MOUNTING TO A 2" PIPE	1	LED	C-CLAMP TO PIPE	ALTMAN LIGHTING GAL-FL-3K-B-4-PCB	120V	52 WATTS	3000 LUMENS
EX1	THERMOPLASTIC EXIT SIGN RED LETTERS, UL LISTED; NICKEL CADMIUM 90MIN. BATTERY	N/A	LED	UNIVERSAL WALL OR CEILING	LITHONIA LIGHTING LOM S W 1 R MVOLT EL N SD	MVOLT	1.2 WATTS	N/A LUMENS
F	3FT UNDERCABINET LIGHT FIXTURE WITH INTEGRAL ON/OFF ROCKER SWITCH	1	LED	SURFACE	LITHONIA LIGHTING UCEL 36IN 30K 90CRI SWR WH	MVOLT	14.8 WATTS	1160 LUMENS

NOTE:  
REFER TO ARCHITECTURAL INTERIOR ELEVATION PLANS AND MILLWORK DETAILS FOR EXACT HEIGHT AND LENGTH OF FIXTURES PRIOR TO PURCHASE. FINAL SELECTION BY ARCHITECT.

ISSUED FOR BID  
FEBRUARY 23, 2021

10	
9	
8	
7	
6	
5	
4	
3	
2	03/30/2021 ADDENDUM 1
1	02/23/2021 ISSUED FOR BID
NO.	DATE REVISION

SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
1701 W. CHELTEN AVE. PHILADELPHIA, PA 19126

PROJECT TITLE  
**CULINARY ART SUITE, GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**ROOM 209 AND 210 LIGHTING NEW PLAN**

DRAWING SCALE

LOCATION NO.	
DRAWN BY NIP	CHECKED BY GSP
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

DRAWING NO.  
**E - 200**  
SHEET 17 OF 23

SEAL:



Name: Gopi Patel

ARCHITECT:  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA, 19002  
Phone: 215.646.2003  
Email: ALLISON@GKOAARCHITECTS.COM  
Attn: ALLISON KLINGLER

MECH. PLUMBING, AND ELECTRICAL ENGINEER:  
PSQUARED CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20  
PLYMOUTH MEETING, PA 19462  
Phone: 484.539.9459  
Email: GOPI.PATEL@PSQUAREDENG.COM  
Attn: GOPI PATEL

GENERAL NOTES

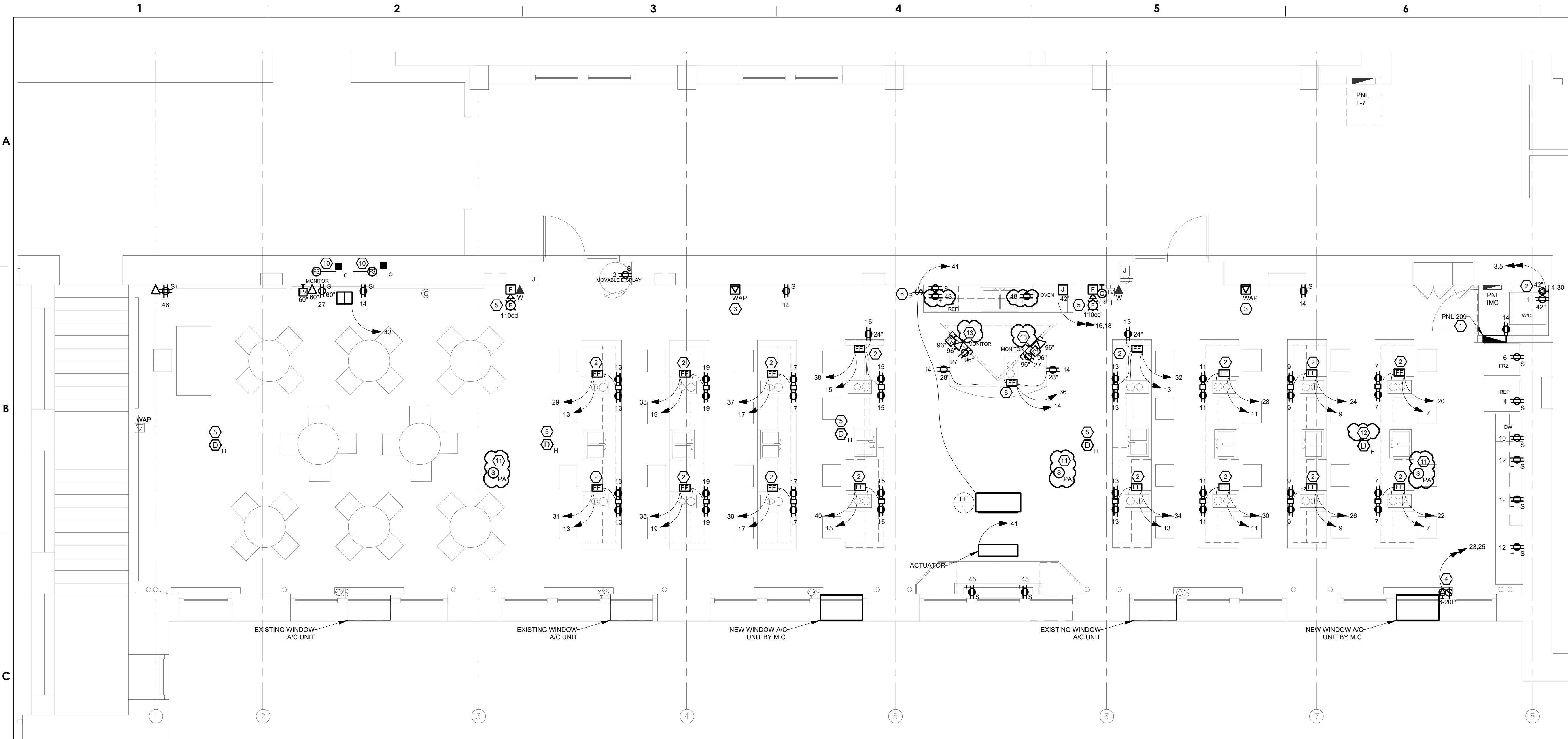
1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AS WELL AS ALL APPLICABLE STATE & LOCAL CODES & ORDINANCES.
2. FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, REFER TO ELECTRICAL LEAD SHEET.
3. ALL DEVICES CIRCUITED TO PANEL 209, UNLESS NOTED OTHERWISE.
4. REFER TO ARCHITECTURAL PLAN FOR EXACT LOCATION, MOUNTING HEIGHTS AND ORIENTATION.
5. ALL NEW RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT AFCI IN ACCORDANCE WITH NEC ARTICLE 406.12 AND 210.12.
6. CONTRACTOR SHALL ENSURE FIRE ALARM SYSTEM STAYS FUNCTIONAL AT ALL TIMES DURING THE RENOVATIONS.
7. CONTRACTOR SHALL SUBMIT FIRE ALARM SYSTEMS SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION AND SHALL INCLUDE BUT NOT LIMITED TO, ALL OF THE FOLLOWING WHERE APPLICABLE TO THE SYSTEM BEING INSTALLED. INFORMATION TO BE PROVIDED IS AS FOLLOWS:
  - A. PROVIDE A FLOOR PLAN TO SHOW THE ROOM OR SPACE WHERE THE PROPOSED EQUIPMENT IS BEING LOCATED.
  - B. LOCATIONS OF ALARM-INITIATING DEVICES AND SPACING REQUIREMENTS.
  - C. LOCATION OF NOTIFICATION APPLIANCES, INCLUDING CANDELA RATINGS FOR VISUAL ALARM NOTIFICATION DEVICES.
  - D. DESIGN MINIMUM AUDIBILITY LEVEL FOR OCCUPANT NOTIFICATION.
  - E. LOCATION OF FIRE ALARM CONTROL UNIT, TRANSDUCERS AND NOTIFICATION POWER SUPPLIES.
  - F. ANNUNCIATORS.
  - G. POWER CONNECTION.
  - H. FIRE ALARM SYSTEM RISER DIAGRAM.
  - I. BATTERY CALCULATIONS.
  - J. CONDUCTOR TYPE AND SIZES.
  - K. VOLTAGE DROP CALCULATIONS.
  - L. MANUFACTURER DATA SHEETS, INDICATING MODEL, NUMBERS AND LISTING INFORMATION FOR EQUIPMENT, DEVICES AND MATERIALS.
8. ALL SYSTEMS ARE SHOWN SCHEMATICALLY. THE FLOOR PLANS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE PERFORMED. THE DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS OR TO SHOW EVERY CONDUCTOR, BOX, TERMINATION OR APPURTENANCE REQUIRED FOR A COMPLETE INSTALLATION. THE INSTALLATION CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER TRADES, TO ASCERTAIN THE EXACT LOCATIONS OF ALL SHOWN EQUIPMENT AND TO VERIFY REQUIRED CLEARANCES FOR INSTALLATION.
9. PROVIDE SURFACE RACEWAY (LEGRAND 500/700 SERIES OR APPROVED EQUAL) WITH BOXES AND FITTINGS REQUIRED FOR ALL SURFACE MOUNTED DEVICES ON THIS PLAN. PAINT RACEWAY TO MATCH WALL SURFACE. FINAL APPROVAL ON PAINT COLOR BY ARCHITECT.

SHEET NOTES

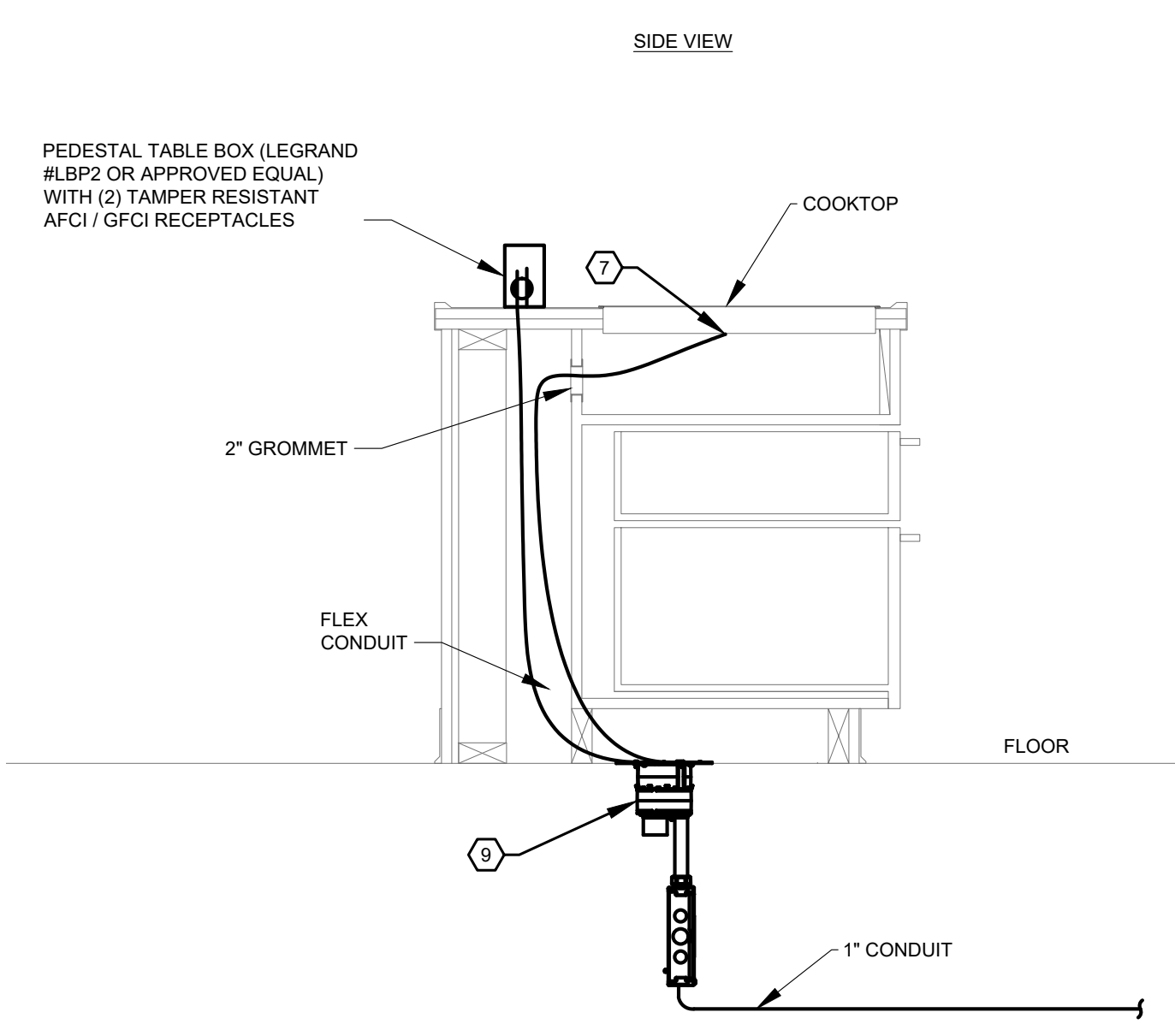
1. PROVIDE NEW PANELBOARD. REFER TO SINGLE LINE DIAGRAM AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
2. REFER TO DETAIL 2/E-300 MILLWORK ELEVATION PLAN FOR ADDITIONAL INFORMATION. COORDINATE ALL WORK DONE WITHIN MILLWORK WITH MILLWORK PROVIDER. PROVIDE SHOP DRAWINGS INDICATING FINAL MOUNTING LOCATIONS FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLATION.
3. PROVIDE NEW WAP ENCLOSURE (VENT HOFFMAN AB81-1A12106CHSCFG WITH SIX (6) HEYCO 2259 LOUVERED BLACK PLUGS. PROVIDE TWO NEW CAT6A CABLE FROM ENCLOSURE TO PATCH PANEL WITHIN EXISTING IDF-2 RACK WITHIN 2ND FLOOR BATHROOM (SEE DRAWING 1/E-310). REFER TO DETAIL 1/E-700 FOR ADDITIONAL INFORMATION.
4. MOUNT WINDOW A/C RECEPTACLE AND SWITCH ON WINDOW FRAME. MATCH EXISTING INSTALLED HEIGHT FOR A/C RECEPTACLE AND SWITCH WITHIN THE ROOM. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT.
5. REPLACE IN PLACE EXISTING FIRE ALARM DEVICE. NEW FIRE ALARM DEVICE SHALL BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. PROGRAM NEW DEVICES WITHIN EXISTING FIRE ALARM SYSTEM AS REQUIRED.
6. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
7. EQUIPMENT CONNECTION. VERIFY EXACT POWER REQUIREMENTS AND NEMA CONFIGURATION WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN / INSTALLATION.
8. REFER TO DETAIL 3/E-300 MILLWORK ELEVATION PLAN FOR ADDITIONAL INFORMATION. COORDINATE ALL WORK DONE WITHIN MILLWORK WITH MILLWORK PROVIDER. PROVIDE SHOP DRAWINGS INDICATING FINAL MOUNTING LOCATIONS FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLATION.
9. RECESSED POKE THRU DEVICE (LEGRAND 4FFATC15 SERIES OR APPROVED EQUAL). COORDINATE EXACT LOCATION WITH MILLWORK PROVIDER. FINAL LOCATION SHALL BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
10. FIRE SMOKE DAMPER. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. PROVIDE CIRCUIT AS SHOWN. CONNECT TO EXISTING FIRE ALARM SYSTEM. REFER TO DETAIL 8/M-400 FOR ADDITIONAL INFORMATION.
11. EXISTING CEILING MOUNTED SPEAKER TO REMAIN. DISCONNECT AND RECONNECT AS REQUIRED FOR NEW CEILING WORK.
12. NEW FIRE ALARM DEVICE SHALL BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. PROGRAM NEW DEVICES WITHIN EXISTING FIRE ALARM SYSTEM AS REQUIRED. EXTEND AND CONNECT EXISTING WIRING IN THE AREA WHERE FEASIBLE. PROVIDE NEW AS REQUIRED.
13. ALL ELECTRICAL DEVICES MOUNTED TO METAL FABRICATED SUPPORT STRUCTURE CAGE ABOVE DEMONSTRATION TABLE. FIELD COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. UTILIZE METAL CLAD CABLE FOR POWER WIRING TO RECEPTACLE OUTLET. SECURE ALL POWER, DATA, AND CATV CABLING TO THE METAL STRUCTURE AT INTERVALS OF 12 INCHES. ROUTE CABLE NEATLY IN WORKMANLIKE MANNER, HIDDEN BEHIND THE STRUCTURE WHERE POSSIBLE. PAINT ALL CABLE TO MATCH METAL STRUCTURE.

LEGEND

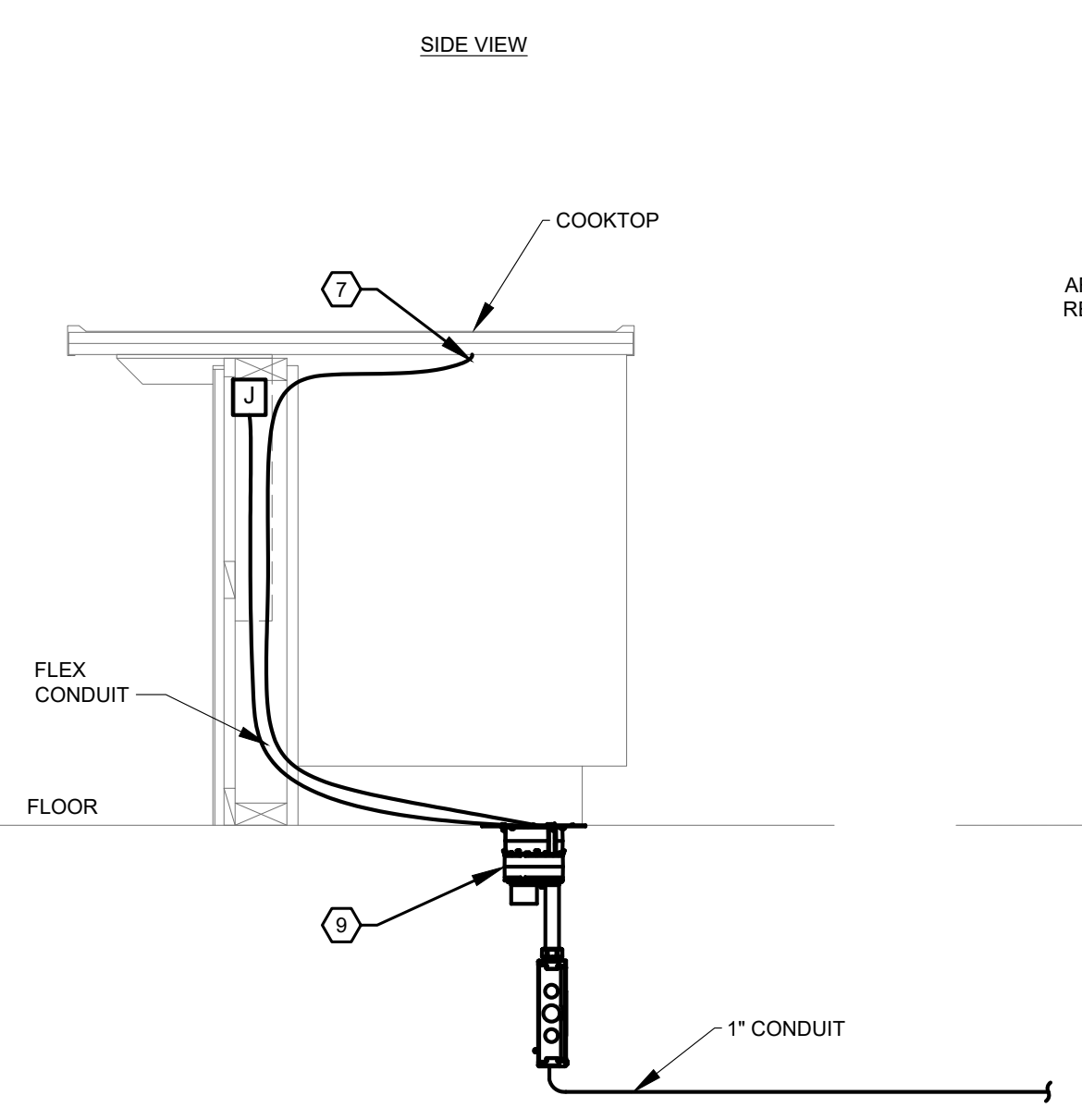
- NEW
- EXISTING TO REMAIN
- (RE) RELOCATED



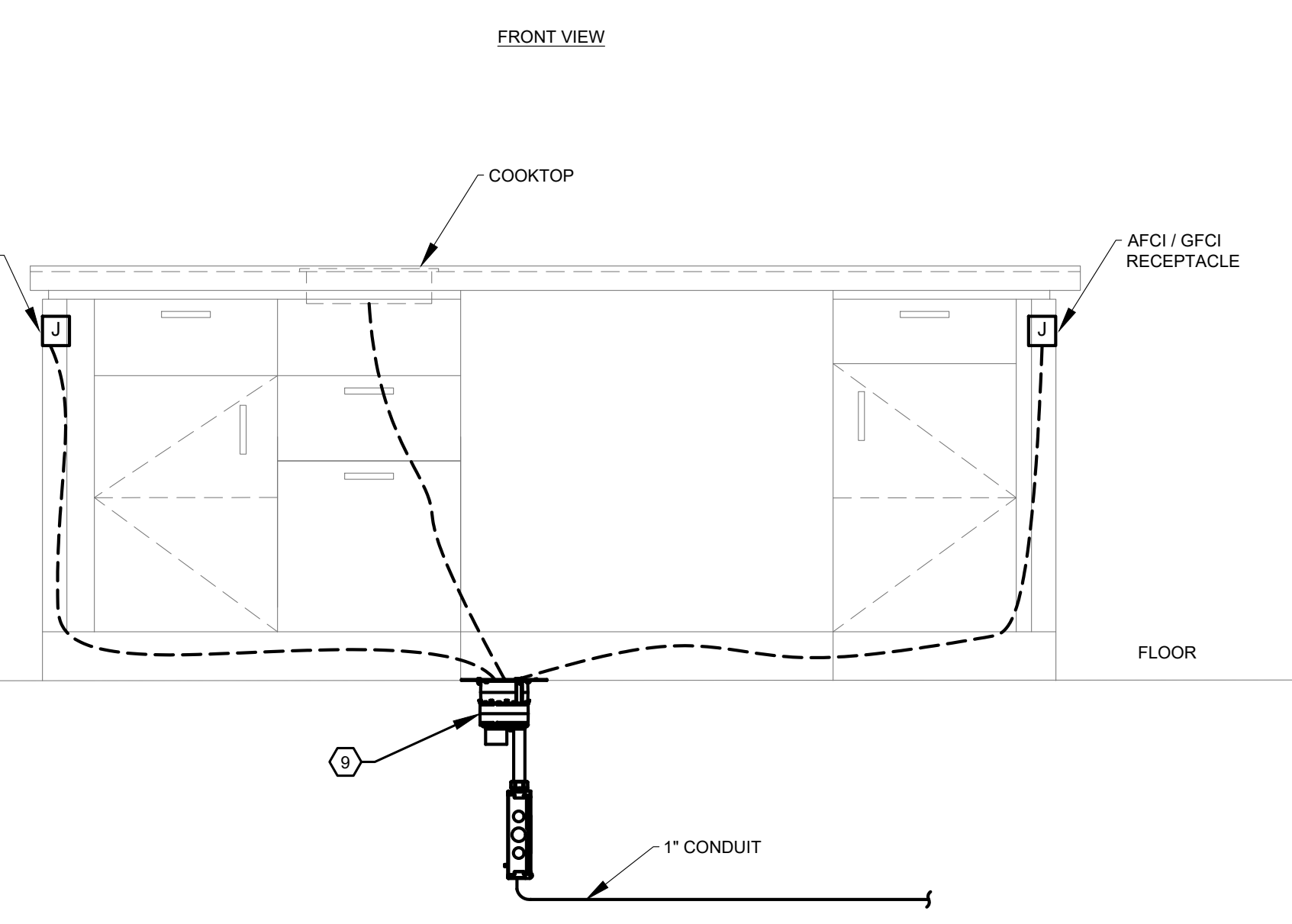
1 ROOM 209 AND 210 POWER AND SPECIAL SYSTEMS NEW PLAN  
E-300 SCALE: 1/4" = 1'-0"



2 STUDENT WORK STATION ELEVATION (TYP.)  
E-300 SCALE: 1" = 1'-0"



3 DEMONSTRATION STATION ELEVATION  
E-300 SCALE: 1" = 1'-0"



ISSUED FOR BID  
FEBRUARY 23, 2021

10		
9		
8		
7		
6		
5		
4		
3		
2	03/30/2021	ADDENDUM 1
1	02/23/2021	ISSUED FOR BID
NO.	DATE	REVISION

SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER  
MIDDLE SCHOOL**  
1701 W. CHELTON AVE. PHILADELPHIA, PA 19126

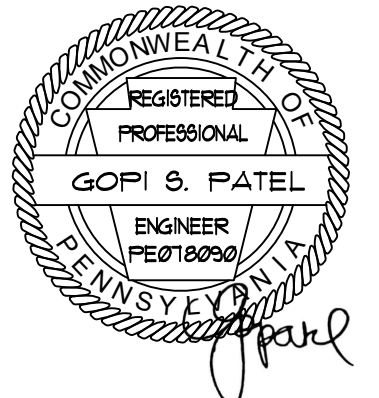
PROJECT TITLE  
**CULINARY ART SUITE,  
GEN. WAGNER MIDDLE  
SCHOOL**

DRAWING TITLE  
**ROOM 209 AND 210  
POWER AND SPECIAL SYSTEMS  
NEW PLANS**

DRAWING SCALE

LOCATION NO.	
DRAWN BY NIP	CHECKED BY GSP
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

DRAWING NO.  
**E - 300**  
SHEET 18 OF 23



**GENERAL NOTES**

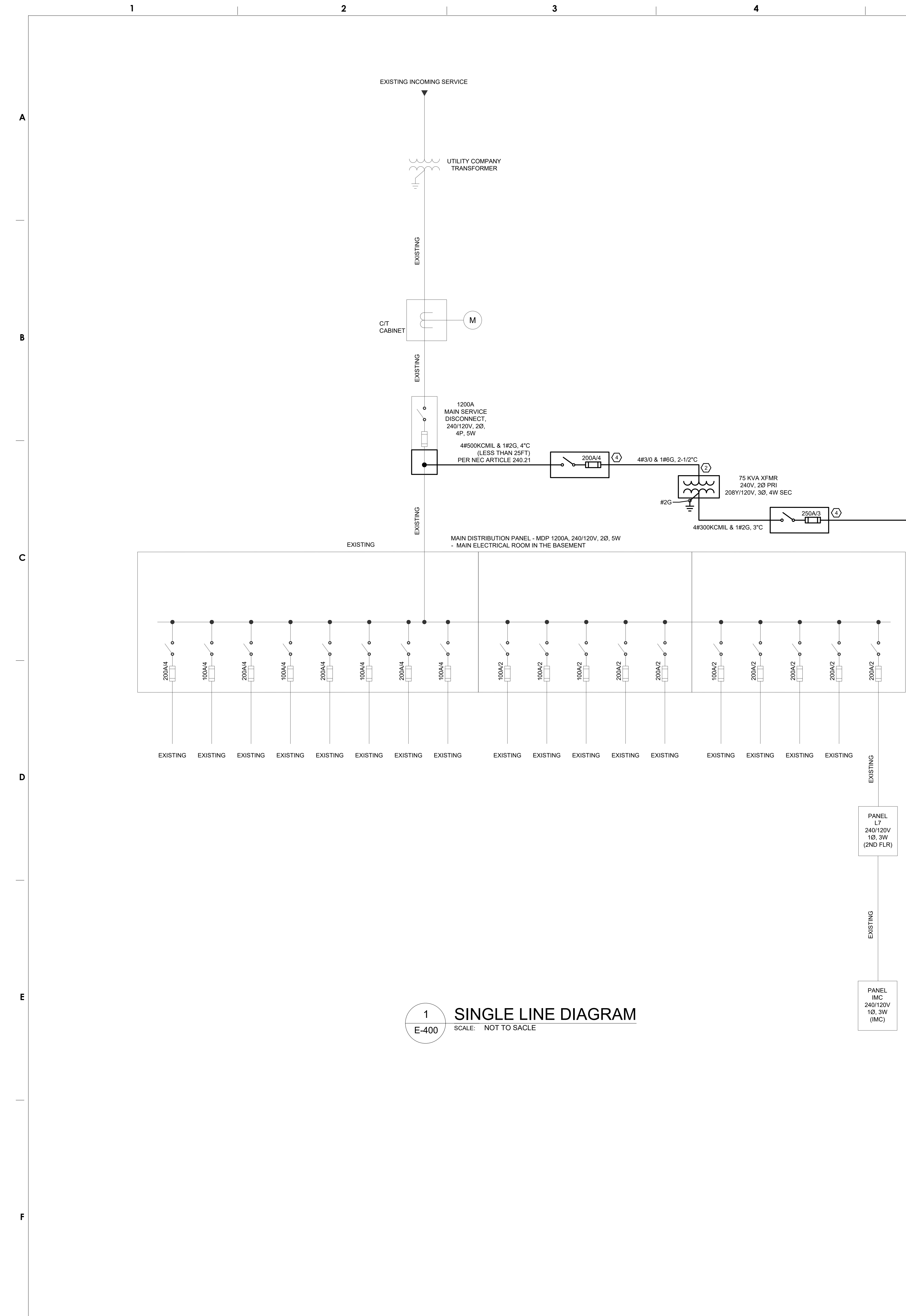
- 1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AS WELL AS ALL APPLICABLE STATE & LOCAL CODES & ORDINANCES.
- 2. FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, REFER TO ELECTRICAL LEAD SHEET.
- 3. E.C. SHALL PERFORM A LOAD STUDY TO RECORD THE DEMAND OVER A 30-DAY PERIOD AND DETERMINE THE MAXIMUM DEMAND AS PER NEC 220.87 FOR EXISTING MAIN DISTRIBUTION PANEL. CONFIRM THE MAXIMUM DEMAND AT 125% PLUS THE NEW LOAD DOES NOT EXCEED THE AMPACITY OF THE FEEDER OR RATING OF THE OVERCURRENT PROTECTION DEVICE PRIOR TO ADDING ADDITIONAL LOAD.

**SHEET NOTES**

- ① PROVIDE NEW PANELBOARD. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
- ② PROVIDE NEW FLOOR MOUNTED TRANSFORMER ON 4 INCH HOUSEKEEPING PAD WITHIN MAIN ELECTRICAL ROOM IN THE BASEMENT.
- ③ PROVIDE FEEDER FROM NEW DISCONNECT WITHIN ELECTRICAL ROOM IN BASEMENT TO NEW PANELBOARD. COORDINATE EXACT CONDUIT ROUTING IN THE FIELD.
- ④ PROVIDE A NEW FUSED DISCONNECT WITHIN MAIN ELECTRICAL ROOM IN THE BASEMENT. COORDINATE EXACT LOCATION IN FIELD.

**LEGEND**

- NEW
- EXISTING TO REMAIN



**1 SINGLE LINE DIAGRAM**  
SCALE: NOT TO SCALE

CKT	KVA	DESCRIPTION	CIRCUIT SIZE				CB	LOAD	CB	CIRCUIT SIZE				DESCRIPTION	KVA	CKT	
			NO.	WIRE	GND	COND				A	A	B	C				A
1	1.3	ELECTRICAL WASHER	2	12	12	3/4"	1	2.0	20	1	2	12	12	3/4"	CIRCULAR GLASS REF. DISPLAY CASE	0.7	2
3	2.2	ELECTRICAL DRYER	3	10	10	3/4"	2	3.0	30	1	2	12	12	3/4"	REACH-IN REFRIGERATOR	0.9	4
5	2.2							3.1	20	1	2	12	12	3/4"	REACH-IN FREEZER	0.9	6
7	0.7	WORK STATION RECPT.	2	12	12	3/4"	1	0.8	20	1	2	12	12	3/4"	UNDERCOUNTER REFRIGERATOR	0.1	8
9	0.7	WORK STATION RECPT.	2	12	12	3/4"	1	1.8	20	1	2	12	12	3/4"	DISHWASHER	1.1	10
11	0.7	WORK STATION RECPT.	2	12	12	3/4"	1	1.1	20	1	2	12	12	3/4"	INGREDIENT COUNTERTOP RECPT.	0.4	12
13	0.7	WORK STATION RECPT.	2	12	12	3/4"	1	1.1	20	1	2	12	12	3/4"	DEMONSTRATION AREA ISLAND RECPT.	0.4	14
15	0.7	WORK STATION RECPT.	2	12	12	3/4"	1	2.1	20	2	3	12	12	3/4"	WALL OVEN	1.4	16
17	0.7	WORK STATION RECPT.	2	12	12	3/4"	1	2.1	20	2	3	12	12	3/4"	WALL OVEN	1.4	18
19	0.7	WORK STATION RECPT.	2	12	12	3/4"	1	3.1	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	20
21	0.7	WORK STATION RECPT.	2	12	12	3/4"	1	3.1	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	22
23	0.9	WINDOW A/C	2	12	12	3/4"	2	3.3	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	24
25	0.9							3.3	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	26
27	0.5	TVs	2	12	12	3/4"	1	2.9	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	28
29	2.4	DROP-IN 2-BURNER COOKTOP	2	10	10	3/4"	1	4.8	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	30
31	2.4	DROP-IN 2-BURNER COOKTOP	2	10	10	3/4"	1	4.8	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	32
33	2.4	DROP-IN 2-BURNER COOKTOP	2	10	10	3/4"	1	4.8	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	34
35	2.4	DROP-IN 2-BURNER COOKTOP	2	10	10	3/4"	1	4.8	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	36
37	2.4	DROP-IN 2-BURNER COOKTOP	2	10	10	3/4"	1	4.8	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	38
39	2.4	DROP-IN 2-BURNER COOKTOP	2	10	10	3/4"	1	4.8	30	1	2	10	10	3/4"	DROP-IN 2-BURNER COOKTOP	2.4	40
41	1.1	ACTUATOR/EXHAUST FAN - EF-1	2	12	12	3/4"	1	2.0	20	1	2	12	12	3/4"	STUDENT AREA LIGHTING	0.9	42
43	0.2	FIRE DAMPER	2	12	12	3/4"	1	1.0	20	1	2	12	12	3/4"	DINING AREA LIGHTING	0.8	44
45	0.4	INGREDIENT TABLE RECPT.	2	12	12	3/4"	1	0.7	20	1	2	12	12	3/4"	DINING AREA DESK RECPT.	0.4	46
47		SPARE						0.4	20	1	2	12	12	3/4"	DEMONSTRATION COUNTERTOP RECPT.	0.4	48
49		SPARE						0.0	20	1					SPARE		50
51		SPARE						0.0	20	1					SPARE		52
53		SPARE						0.0	20	1					SPARE		54
55		SPARE						0.0	20	1					SPARE		56
57		SPARE						0.0	20	1					SPARE		58
59		SPARE						0.0	20	1					SPARE		60

VOLTS: 208/120  
BUS: 250 MCB 250 AMPS  
MOUNTING: RECESSED  
ENCLOSURE: NEMA 1  
MINIMUM AIC: 22,000 AMP SYM.

PHASE A:	175.0	AMPS	21.0	KVA
PHASE B:	193.8	AMPS	23.3	KVA
PHASE C:	179.7	AMPS	21.6	KVA
TOTAL:	183	AMPS	65.8	KVA
DEMAND TOTAL:	146	AMPS	52.6	KVA

ISSUED FOR BID  
FEBRUARY 23, 2021

10			
9			
8			
7			
6			
5			
4			
3			
2	03/30/2021	ADDENDUM 1	
1	02/23/2021	ISSUED FOR BID	
NO.	DATE	REVISION	

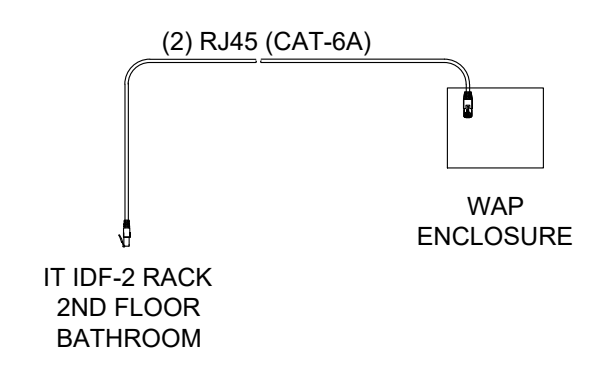
SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
1701 W. CHELTEN AVE. PHILADELPHIA, PA 19126

PROJECT TITLE  
**CULINARY ART SUITE, GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**SINGLE LINE DIAGRAM**

DRAWING SCALE	
LOCATION NO.	
DRAWN BY NIP	CHECKED BY GSP
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

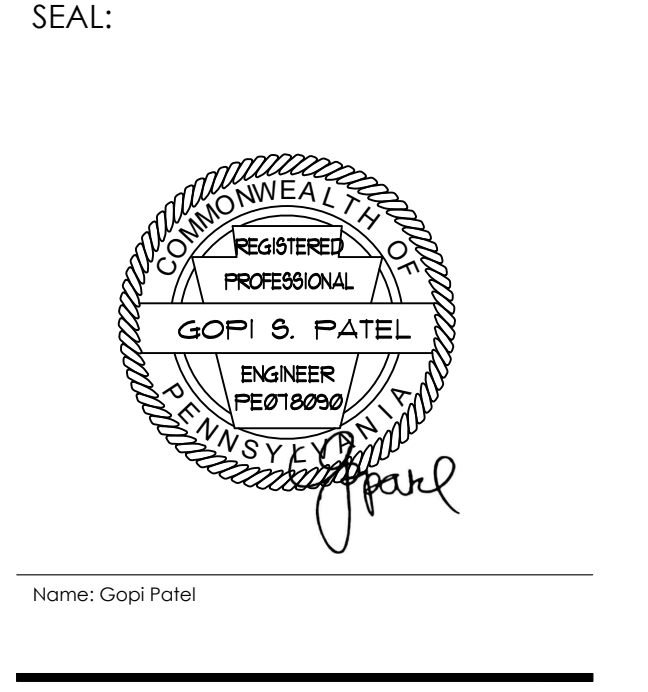
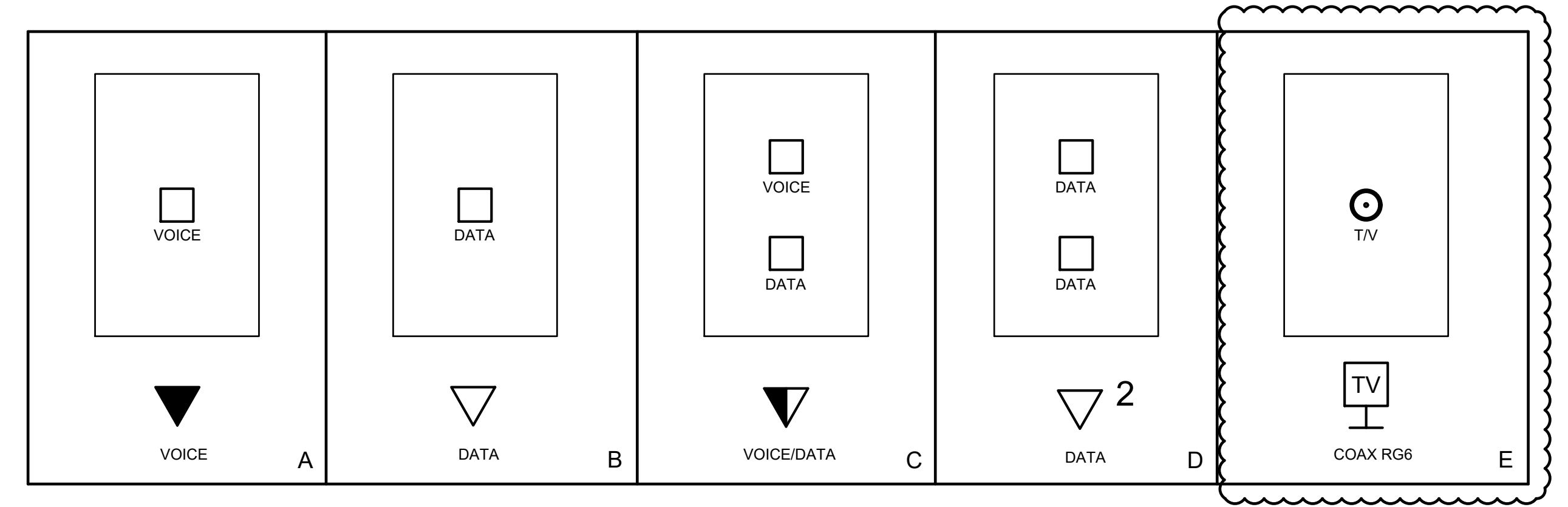
A  
B  
C  
D  
E  
F



- NOTES:**
1. INVENT HOFFMAN MODEL # AB811-A12106CHSCFG RF-TRANSPARENT FIBERGLASS ENCLOSURE 12x10x6 WITH SOLID FRONT HINGED ACCESS DOOR WITH KEY LOCK.
  2. EACH ENCLOSURE BOX SHALL BE MOUNTED VERTICALLY. LOCK SIDE UP. MAXIMUM INSTALLATION HEIGHT SHALL BE 13FT AFF OR 6IN FROM CEILING.
  3. PROVIDE 2 CAT-6A CABLES FROM EACH WAP ENCLOSURE TO CLOSET IT PATCH PANEL.
  4. CAT-6A CABLES SHALL PENETRATE THE ENCLOSURE THROUGH THE TOP-REAR-LEFT CORNER AND SHALL BE TERMINATED ON BISCUIT JACK WITHIN THE ENCLOSURE.

**1 WAP ENCLOSURE DETAIL**  
E-510 SCALE: NOT TO SCALE

TELECOMM/ACCESS CONTROL/AUDIO-VISUAL/SURVEILLANCE/ELECTRICAL RESPONSIBILITY MATRIX													
SYMBOLS	DESCRIPTION	CONDUIT				BACKBOX			FACEPLATE		WIRING		COMMENTS
		SIZE	FURNISHED & INSTALLED	FROM	TO	SIZE	FURNISHED & INSTALLED	MOUNTING HEIGHT	DETAIL	FURNISHED & INSTALLED	TYPE	FURNISHED & INSTALLED	
TELECOM													
▽	TWO JACK COMBINATION VOICE/DATA OUTLET	3/4"	ELECTRICAL CONTRACTOR	BACK BOX	ABOVE ACCESSIBLE CEILING	4"x4"x2-1/2" MIN DOUBLE GANG BACKBOX W/ SINGLE GANG MUD RING ADAPTER	ELECTRICAL CONTRACTOR	SEE DWG. E0.00	SEE DETAIL #1/C	ELECTRICAL CONTRACTOR	(2)CAT-6A	ELECTRICAL CONTRACTOR	MATCH EXISTING CABLE COLOR
▽	SINGLE JACK VOICE OUTLET	3/4"	ELECTRICAL CONTRACTOR	BACK BOX	ABOVE ACCESSIBLE CEILING	4"x4"x2-1/2" MIN DOUBLE GANG BACKBOX W/ SINGLE GANG MUD RING ADAPTER	ELECTRICAL CONTRACTOR	SEE DWG. E0.00	SEE DETAIL #1/A	ELECTRICAL CONTRACTOR	CAT-6A	ELECTRICAL CONTRACTOR	MATCH EXISTING CABLE COLOR
▽	SINGLE JACK SINGLE GANG DATA OUTLET	3/4"	ELECTRICAL CONTRACTOR	BACK BOX	ABOVE ACCESSIBLE CEILING	4"x4"x2-1/2" MIN DOUBLE GANG BACKBOX W/ SINGLE GANG MUD RING ADAPTER	ELECTRICAL CONTRACTOR	SEE DWG. E0.00	SEE DETAIL #1/B	ELECTRICAL CONTRACTOR	CAT-6A	ELECTRICAL CONTRACTOR	MATCH EXISTING CABLE COLOR
▽ <sup>2</sup>	TWO JACK SINGLE GANG DATA OUTLET	3/4"	ELECTRICAL CONTRACTOR	BACK BOX	ABOVE ACCESSIBLE CEILING	4"x4"x2-1/2" MIN DOUBLE GANG BACKBOX W/ SINGLE GANG MUD RING ADAPTER	ELECTRICAL CONTRACTOR	SEE DWG. E0.00	SEE DETAIL #1/D	ELECTRICAL CONTRACTOR	(2)CAT-6A	ELECTRICAL CONTRACTOR	MATCH EXISTING CABLE COLOR
△ WAP	WIRELESS ACCESS POINT	3/4"	ELECTRICAL CONTRACTOR	TOP BOX	ABOVE ACCESSIBLE CEILING	SEE DETAIL 1/E-510	ELECTRICAL CONTRACTOR	SEE DWG. E0.00	N/A	N/A	(2)CAT-6A	ELECTRICAL CONTRACTOR	MATCH EXISTING CABLE COLOR
□ I	SINGLE GANG CABLE	3/4"	ELECTRICAL CONTRACTOR	BACK BOX	ABOVE ACCESSIBLE CEILING	4"x4"x2-1/2" MIN DOUBLE GANG BACKBOX W/ DOUBLE GANG MUD RING ADAPTER	ELECTRICAL CONTRACTOR	SEE DWG. E0.00	SEE DETAIL #1/E	ELECTRICAL CONTRACTOR	RG-6	ELECTRICAL CONTRACTOR	MATCH EXISTING CABLE COLOR



**ARCHITECT:**  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA 19002  
Phone: 215.646.2003  
Email: ALLISON@GKOARCHITECTS.COM  
Attn: ALLISON KLINGLER

**MECH. PLUMBING, AND ELECTRICAL ENGINEER:**  
PSQUARED CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20  
PLYMOUTH MEETING, PA 19462  
Phone: 484.539.9459  
Email: GOPI.PATEL@PSQUAREDENG.COM  
Attn: GOPI PATEL

ISSUED FOR BID  
FEBRUARY 23, 2021

10		
9		
8		
7		
6		
5		
4		
3		
2	03/30/2021 ADDENDUM 1	
1	02/23/2021 ISSUED FOR BID	
NO.	DATE	REVISION

SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
1701 W. CHELTEN AVE. PHILADELPHIA, PA 19126

PROJECT TITLE  
**CULINARY ART SUITE, GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**ELECTRICAL DETAILS**

DRAWING SCALE

LOCATION NO.	
DRAWN BY NIP	CHECKED BY GSP
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21
DRAWING NO.	<b>E - 510</b>
SHEET	22 OF 23

SEAL:



Name: Gopi Patel

**ARCHITECT:**  
GODSHALL KANE O'ROURKE ARCHITECTS, LLC  
300 BROOKSIDE AVENUE - BLDG. 18 - SUITE 150  
AMBLER, PA 19002  
Phone: 215.646.2003  
Email: ALISON@GKOARCHITECTS.COM  
Attn: ALLISON KLINGLER

**MECH. PLUMBING, AND ELECTRICAL ENGINEER:**  
PSQUARED CONSULTING ENGINEERS  
920 GERMANTOWN PIKE, SUITE 20  
PLYMOUTH MEETING, PA 19462  
Phone: 484.539.9459  
Email: GOPI.PATEL@PSQUAREDENG.COM  
Attn: GOPI PATEL

ISSUED FOR BID  
FEBRUARY 23, 2021

10		
9		
8		
7		
6		
5		
4		
3		
2	03/30/2021	ADDENDUM 1
1	02/23/2021	ISSUED FOR BID
NO.	DATE	REVISION

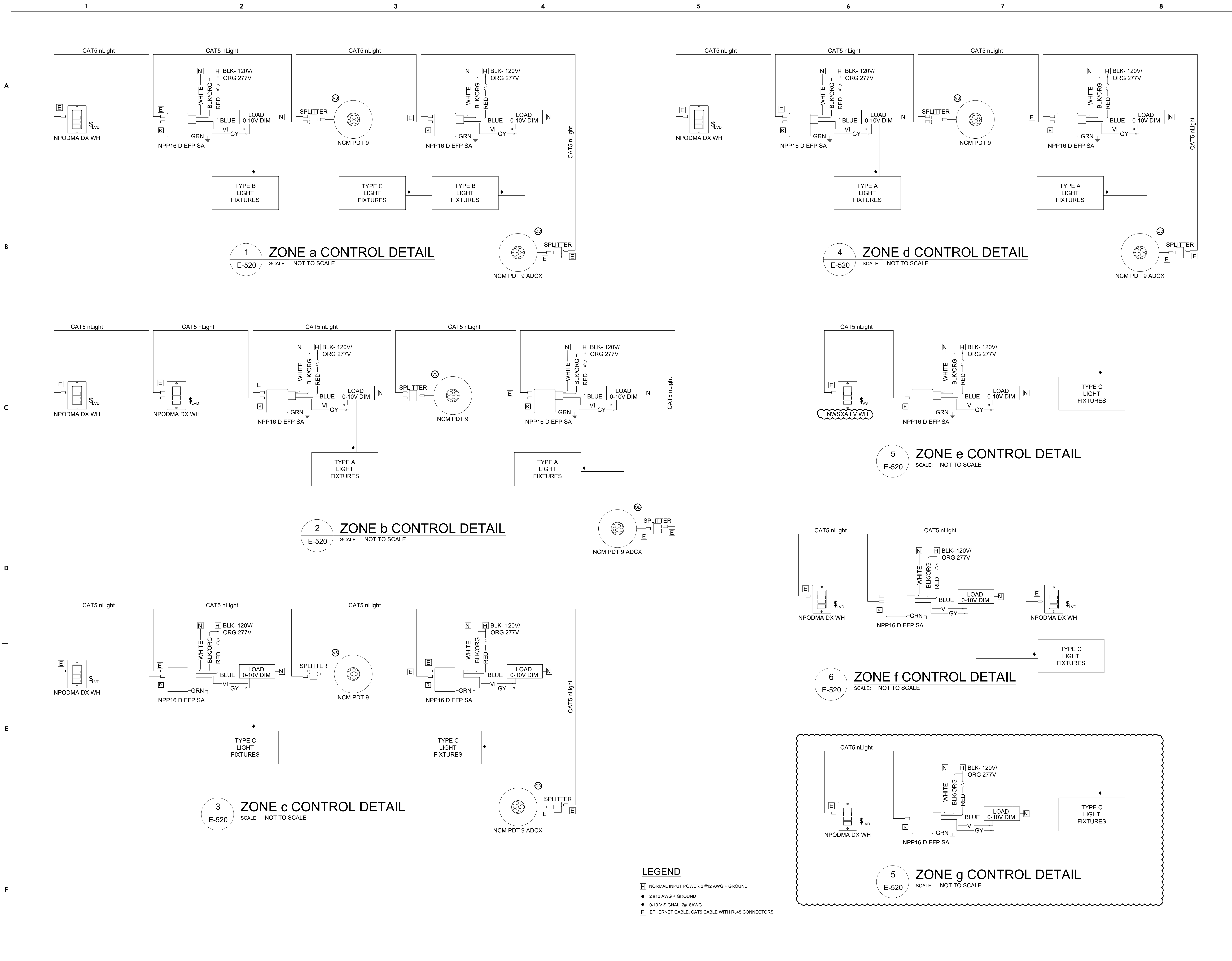
SCHOOL & LOCATION  
**GENERAL LOUIS WAGNER MIDDLE SCHOOL**  
1701 W. CHELTEN AVE. PHILADELPHIA, PA 19126

PROJECT TITLE  
**CULINARY ART SUITE,  
GEN. WAGNER MIDDLE SCHOOL**

DRAWING TITLE  
**ELECTRICAL ZONE LIGHTING CONTROL DETAILS**

DRAWING SCALE	
LOCATION NO.	
DRAWN BY NIP	CHECKED BY GSP
GC - B-022 C	OF 2020 / 21
MC - B-023 C	OF 2020 / 21
PC - B-024 C	OF 2020 / 21
EC - B-025 C	OF 2020 / 21

DRAWING NO.  
**E - 520**  
SHEET 23 OF 23



**1 ZONE a CONTROL DETAIL**  
E-520 SCALE: NOT TO SCALE

**4 ZONE d CONTROL DETAIL**  
E-520 SCALE: NOT TO SCALE

**2 ZONE b CONTROL DETAIL**  
E-520 SCALE: NOT TO SCALE

**5 ZONE e CONTROL DETAIL**  
E-520 SCALE: NOT TO SCALE

**3 ZONE c CONTROL DETAIL**  
E-520 SCALE: NOT TO SCALE

**6 ZONE f CONTROL DETAIL**  
E-520 SCALE: NOT TO SCALE

**5 ZONE g CONTROL DETAIL**  
E-520 SCALE: NOT TO SCALE