

**ADDENDUM #1**

INTERIOR ALTERATIONS – PHASE 3  
FOR THE  
EASTERN CENTER FOR ARTS AND TECHNOLOGY

February 17, 2022

BRESLIN RIDYARD FADERO ARCHITECTS, 1226 Union Boulevard, Allentown, Pennsylvania

This Addendum #1 dated February 17, 2022 shall be made a part of the Construction Documents dated February 1, 2022 for the proposed Interior Alterations – Phase 3 for the Eastern Center for Arts and Technology, Willow Grove, Montgomery County, Pennsylvania.

Any provisions in any of the Contract Documents which may be in conflict or be inconsistent with any of the paragraphs in this addendum shall be voided to the extent of such conflict or inconsistency.

**PRE-BID MEETING**

A Pre-Bid Meeting was held on February 15, 2022. A copy of the list of attendees is attached.

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The following drawing, with a revision date of February 17, 2022 and re-issued with this Addendum, shall replace the same drawing in its entirety dated February 1, 2022 and shall be made a part of the Contract Documents:

A002 Composite Floor Plan New (*Re-issued to clarify phasing areas*)

**ERRATA ON DRAWINGS**

The following changes shall be made to the listed drawings.

**DRAWING A002 – COMPOSITE FLOOR PLAN NEW CODE**

General Notes – Revise Paragraph 8 to read:

“The General Contractor is responsible for providing all structural steel, miscellaneous steel, and loose lintels that are necessary to support all masonry openings, passages, windows, duct penetrations, etc., and to frame all wall, floor and roof openings. The General Contractor is responsible for reviewing all drawings of all contracts to determine the quantity, size, and locations of all masonry wall openings, and roof openings.”

General Notes – Add paragraph:

“The Mechanical Contractor will provide all roof curbs for all rooftop mounted equipment. The General Contractor shall cut all roof openings, and install all new roof curbs. The General Contractor shall patch and flash the roof into the new roof curbs as required to maintain existing roof warranties.”

**DRAWING A003 – DEMOLITION PLAN**

Existing Welding Technology and Existing Mechanical Room - Demolition Note #4 shall be revised to #1. This applies to the entire space. Delete Demolition Reference #3.

Demolition Note #22: If Owner selects Alternate A-1 this demolition note will not apply to this space.

Selective Demolition Notes – Delete the following Demolition Notes: #3, #10, #40, #44.

Demolition Note 12 applies to Existing Protective Services in the lower right-hand corner at note “Patch holes in cmu walls.”

**DRAWING HO.1 – HVAC COVER SHEET**

Revise General Notes as follows:

- 6.A. Revise to read: “The General Contractor shall provide and install all lintels where penetrating existing masonry construction.”
- 6.B. Revise to read: “Cutting and patching of the roof shall be performed by an authorized subcontractor to the General Contractor, certified by the original roof manufacturer. All work shall be performed in accordance with existing warranty requirements.”
- 6.C. Revise to read: “The General Contractor shall provide and install all steel framing where penetrating floor and roof decks. See Architectural Drawings.”
- 6.D. Revise to read: “Modify existing floor and wall openings to accommodate the installation of new equipment and systems: The General Contractor shall provide angle framing for roof and floor penetrations, sleeves and lintels for wall penetrations. The GC shall patch existing roof where penetrations occur. The Mechanical Contractor shall patch existing floor and wall openings to match existing materials and methods where penetrations are not utilized for new equipment and systems, unless noted otherwise.”

Add General Note 6.G. as follows:

- 6.G. The Mechanical Contractor shall supply all roof curbs for roof-mounted mechanical equipment. The General Contractor shall install all roof curbs and perform all cutting and patching.

**DRAWING H2.1 – PARTIAL NEW NETWORK PLAN – AREAS ‘A’ & ‘B’**

**DRAWING H2.2 – PARTIAL ROOF PLAN – AREA ‘A’**

**DRAWING H5.1 – ENLARGED PLAN – NETWORK – WELDING TECHNOLOGY AREA**

KEYNOTES – Revise Keynote 1 to read: “The General Contractor shall cut and patch existing roof for duct risers and provide steel framing for roof openings and curb support.”

KEYNOTES – Revise Keynote 2 to read: “The Mechanical Contractor will provide new roof curbs to support rooftop equipment. The General Contractor will cut new roof openings, install new roof curbs and patch; flash into curbs as required to maintain existing roof warranties.”

KEYNOTES – Revise second sentence of Keynote 3 to read: “General Contractor to provide and install lintel to support masonry.”

KEYNOTES – Revise Note #9; add “unless noted otherwise” to end of sentence.

**DRAWING H7.1 – DETAILS**

OUTSIDE AIR INTAKE DETAIL

ROOFTOP AIR HANDLING UNIT VIBRATION ISOLATION CURB DETAIL

EXHAUST FAN ROOF CURB DETAIL

Revise Notes to read:

“12” high roof curb supplied by Mechanical Contractor; installed by General Contractor.”

“General Contractor to cut and patch existing roof; wood blocking by GC.”

“Roof opening angle framing by General Contractor.”

“Note 1: GC to cut and patch existing roof.”

“Roof curb flashing by GC.”

**DRAWING H7.2 – DETAILS**

Rooftop Unit and Curb Detail – Revise notes to read: “GC to cut existing roof deck and provide steel framing at all sides of roof openings.”

Exhaust Fan Detail: Revised backdraft damper location to the leaving side of the filter housing.  
Add note: Backdraft damper by mechanical contractor.

**DRAWING E2.1 – PARTIAL LIGHTING PLANS**

Clarification: emergency lighting in classrooms is normally on and emergency lighting in shops is normally off.

Replace luminaire type E1 (exit sign) on the plans with type E (exit sign).

**DRAWING E4.1 – PARTIAL LOW VOLTAGE PLANS**

Protective Services A109: Pull shall be located within 2’ of the door.

Partial Low-Voltage Plan – Area B: Clarification: Fire alarm devices not shown but shall be maintain in areas of work.

**DRAWING E5.1 – ENLARGED PLAN – POWER – WELDING TECHNOLOGY AREA**

On busway BW-2, replace 2 welding equipment tags W06 with W05 equipment tags.

Locate wiring to VFD’s at locations shown on the HVAC drawings.

**DRAWING E7.1 – DETAILS**

Feeder Schedule: Tags F11a & F11b. replace overcurrent rating of 200A with 225A.

Feeder Schedule: Tags F07 & F11b. comply with NEC tap rule.

**DRAWING E8.1 – SCHEDULES**

Replace the Luminaire Schedule with attached Luminaire Schedule.

Disconnect Schedule: DS-SPE, replace 200AF/200AF with 400AF/225AT.

**DRAWING E8.2 - SCHEDULES**

PNL SPE, replace 200A MCB with 225A MCB.

PNL SPF, delete reference to 175A breaker in bottom right corner.

PNL WT, replace “Fed thru contactor from SWBD-1” with “Fed from SWBD-1.”

END OF ADDENDUM #1

**PRE-BID MEETING ATTENDANCE LIST**  
**#694-3 INTERIOR ALTERATIONS PHASE 3**  
**FOR THE EASTERN CENTER FOR ARTS AND TECHNOLOGY**

Tuesday, February 15, 2022 - 3:00 PM

*Please print clearly*

Name	Representing	Phone	Email
Justin McComley	AJM Electric	610-494-5735	Justin@ajmelectric.net
David Baver	Gordon H. Baver, Inc	215 679 7988	dave@baverinc.com
Bob Hirschberg	Hirschberg Mechanical	215 793-9575	bob@hirschbergmechanical.com
Chris Eschner	Premier Buildings Inc	215-295-4640	esc1015@aol.com
D. Neal Kiefer	Tri-County Mechanical	610.965.6777	DKIEFER@TRI-COUNTYMEDH.COM

**PRE-BID MEETING ATTENDANCE LIST**  
**#694-3 INTERIOR ALTERATIONS PHASE 3**  
**FOR THE EASTERN CENTER FOR ARTS AND TECHNOLOGY**

Tuesday, February 15, 2022 - 3:00 PM

*Please print clearly*

Name	Representing	Phone	Email
Ed Heckman	Electri-Tech, Inc.	609 476-0822	Rbaum@electritech inc.net
Chris Calvanese	CBI Construction	267-319-8880	ccalvanese@lillebuilders.com

**PRE-BID MEETING ATTENDANCE LIST**  
**#694-3 INTERIOR ALTERATIONS PHASE 3**  
**FOR THE EASTERN CENTER FOR ARTS AND TECHNOLOGY**

Tuesday, February 15, 2022 - 3:00 PM

*Please print clearly*

Name	Representing	Phone	Email
Steve Warrick	Balkon Construction	484-336-4666	steve@balkonconstruction.com
TODD CAMERON	UHRIG CONSTRUCTION	610 373 1612	TCAMERON@UHRIG.COM
Mike Ferguson	S.B. Concessions, Inc.	610-459-5010	mikef@sbconcess.com
ANDY FOY	MYCO MECHANICAL INC	267-382-0267	estimating@myco-mechanical.com

**PRE-BID MEETING ATTENDANCE LIST**  
**#694-3 INTERIOR ALTERATIONS PHASE 3**  
**FOR THE EASTERN CENTER FOR ARTS AND TECHNOLOGY**

Tuesday, February 15, 2022 - 3:00 PM

**Please print clearly**

Name	Representing	Phone	Email
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**#694-3 INTERIOR ALTERATIONS PHASE 3**  
**FOR THE EASTERN CENTER FOR ARTS AND TECHNOLOGY**

Tuesday, February 15, 2022 - 3:00 PM

*Please print clearly*

Name	Representing	Phone	Email
William Yankovich	Donald E. Reisinger Inc.	610 696-6921	MSTMONSE@DONALDELEFFSINGER.COM
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Carlie Cocco	LA Building, Co.-Inc.	610 474-2577	Carlie@LABuildingContractors.COM



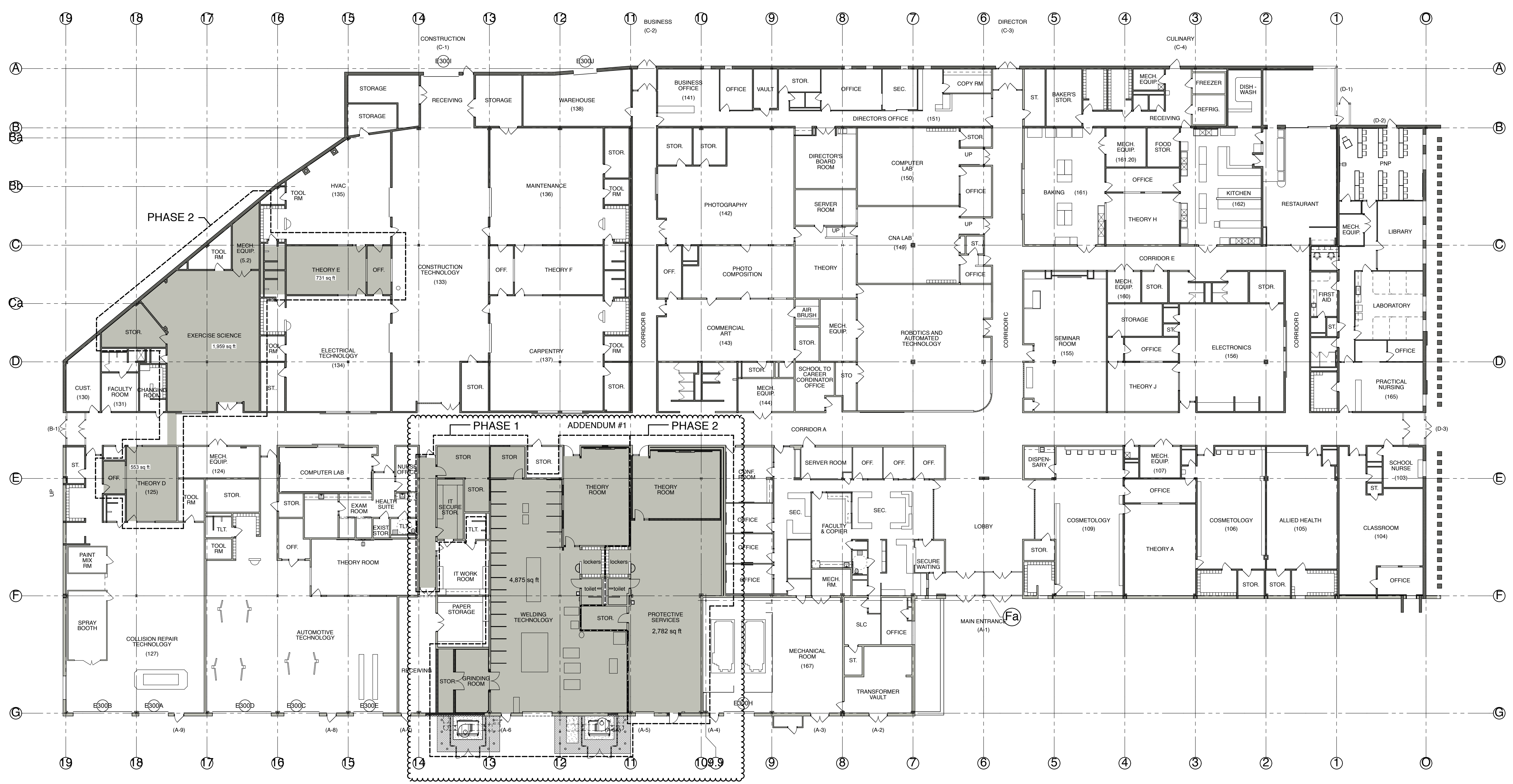


ADDENDUM #1  
02/21/2022

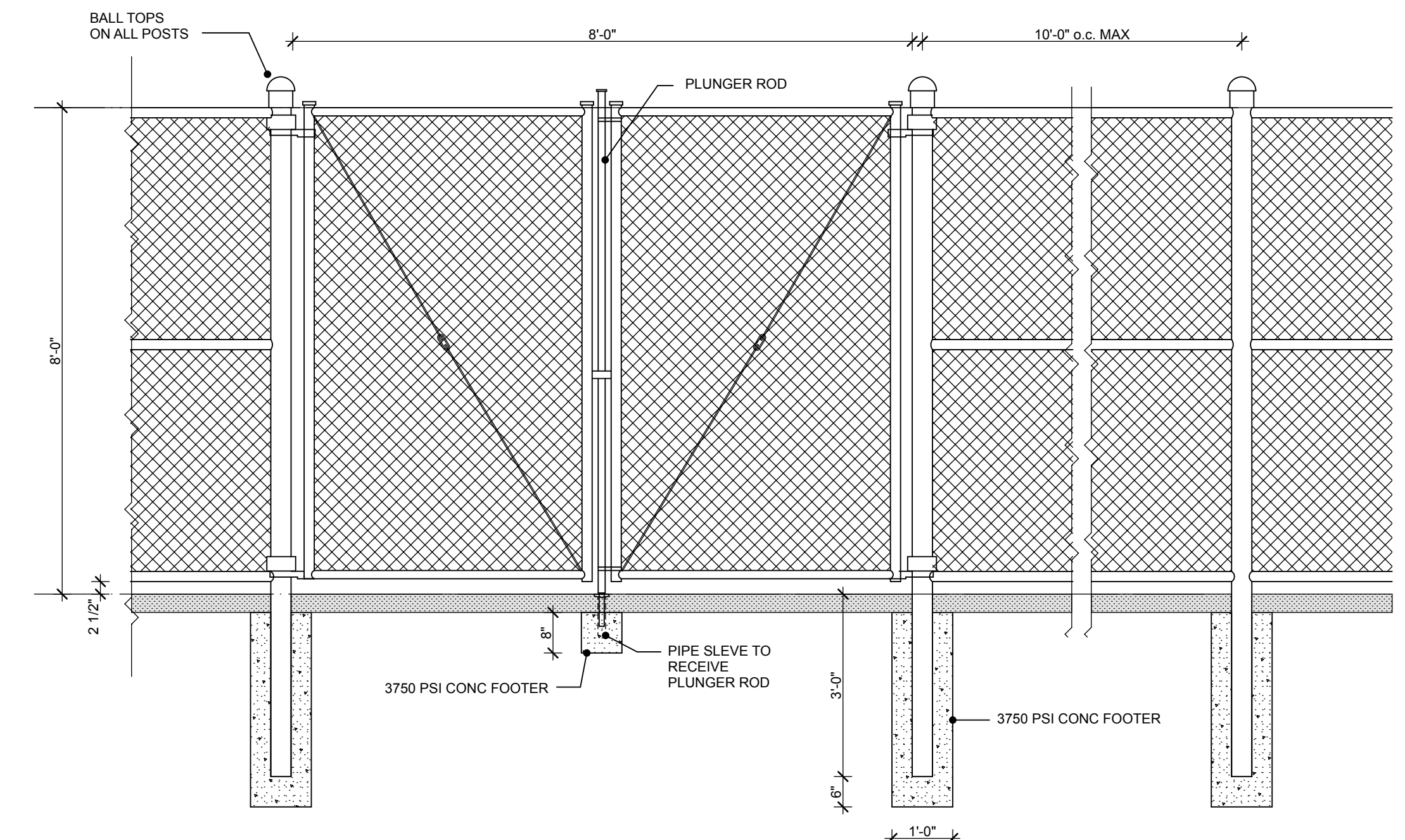
INTERIOR ALTERATIONS - PHASE 3  
FOR THE  
EASTERN CENTER for ARTS and TECHNOLOGY  
WILLOW GROVE, MONTGOMERY COUNTY, PENNSYLVANIA

DATE	02/01/2022	DESIGNED	KMM	CHECKED	KMM	CONTR. NO.	684
DRAWN	KMM						

A002



COMPOSITE PLAN NEW  
SCALE: 1/16" = 1'-0"



VINYL COATED CHAINLINK FENCE AND GATE DETAIL  
SCALE: 1/2" = 1'-0"

GENERAL NOTES

THE CONTRACTOR MUST NOTIFY THE ARCHITECT, IN WRITING OF ANY AND ALL DISCREPANCIES & ERRORS WITH ANY AND ALL OF THE CONSTRUCTION DRAWINGS PRIOR TO BEGINNING THE WORK. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, ALL DIMENSIONS, FLOOR TO FLOOR HEIGHTS, TOP OF STEEL ELEVATIONS, MASONRY OPENING LOCATIONS AND SIZES, COLUMN LOCATIONS, ETC.

THE CONTRACTOR SHALL COMPLY WITH AND PERFORM THEIR WORK IN ACCORDANCE WITH ALL APPLICABLE LAWS, STATUTES, ORDINANCES, LAWFUL ORDERS OF GOVERNMENTAL AUTHORITIES, BUILDING CODES, RULES AND REGULATIONS, UNLESS THE CONTRACT DOCUMENTS REQUIRE A HIGHER OR GREATER STANDARD, IN WHICH CASE THE CONTRACTOR SHALL CONFORM TO SUCH HIGHER OR GREATER STANDARD IN ACCORDANCE WITH THE GENERAL CONDITIONS. IF THE CONTRACTOR RECOGNIZES THAT PORTIONS OF THE CONTRACT DOCUMENTS DO NOT MEET THE STANDARDS ESTABLISHED THEREBY, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT, AND THE OWNER IN WRITING BEFORE PROCEEDING WITH THE WORK.

EACH CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE WORK TO BE DONE AND MATERIALS AND EQUIPMENT TO BE INSTALLED BY HIMSELF AND OTHERS AND COORDINATE, IN ADVANCE, PRIOR TO INSTALLING ANY SYSTEM OR PORTION THEREOF.

EACH CONTRACTOR WHO FAILS TO COORDINATE THE INSTALLATION OF HIS WORK WITH THE OTHER TRADES, SHALL BEAR ALL COSTS OF EACH TRADE FOR DISCONNECTING, REMOVAL AND RE-INSTALLATION OF AFFECTED SYSTEMS, EQUIPMENT OR PORTION THEREOF.

ALL CONCRETE FLOORS NOT SCHEDULED TO RECEIVE A FINISH SHALL BE SEALED IN ACCORDANCE WITH THE SPECIFICATIONS.

ALL MASONRY WALLS ARE DIMENSIONED TO THE NOMINAL FACE OF MASONRY. ALL STUD WALLS ARE DIMENSIONED TO THE FACE OF STUD. ALL TILE CEILINGS, SOFFITS, FASCIA, ETC. ARE DIMENSIONED TO THE FINISH SURFACE UNLESS NOTED OTHERWISE.

ALL CMU WALLS SHALL HAVE CONTROL JOINTS AS SPECIFIED OR AS SHOWN ON THE DRAWINGS. ALL LOCATIONS MUST BE REVIEWED WITH THE ARCHITECT BEFORE STARTING MASONRY WORK. PROVIDE CONTROL JOINT AT ALL LOCATIONS WHERE CMU REDUCES IN THICKNESS TO PASS A COLUMN, PIPE, OR OTHER OBSTRUCTION.

UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL STRUCTURAL STEEL, MISCELLANEOUS STEEL, AND LOOSE UNTELS THAT ARE NECESSARY TO SUPPORT ALL CMU AT OPENINGS, PASSAGES, WINDOWS, ETC. AND TO FRAME ALL ROOF WALL AND FLOOR OPENINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL DRAWINGS OF ALL CONTRACTS TO DETERMINE THE QUANTITY, SIZE, AND LOCATIONS OF ALL MASONRY OPENINGS, AND ALL ROOF WALL AND FLOOR OPENINGS. THE HVAC CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL LOOSE UNTELS IN EXISTING CMU WALLS FOR NEW HVAC EQUIPMENT.

ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH FIRE STOPPING INSULATION & SEALANT BY THE CONTRACTOR RESPONSIBLE FOR THE PENETRATION.

SEE WALL SECTIONS AND REFLECTED CEILING PLANS FOR ADDITIONAL FASCIA AND SOFFITS NOT LISTED ON THE FINISH SCHEDULE OR SHOWN ON THE PLANS.

REFER TO THE INTERIOR ELEVATIONS AND PLUMBING / HEATING DRAWINGS FOR RECESSED/SEMI-RECESSED PLUMBING/HEATING EQUIPMENT AND WALL GRILLE LOCATIONS NOT SHOWN ON THE ARCHITECTURAL PLANS. VERIFY EXACT LOCATION WITH THE ARCHITECT PRIOR TO CONSTRUCTING WALLS.

CODE AND AREA DATA

ALL CONSTRUCTION HAS BEEN DESIGNED IN ACCORDANCE WITH THE PENNSYLVANIA UNIFORM CONSTRUCTION CODE (UCC). THE CODES IN USE UNDER THE UCC ARE THE 2015 INTERNATIONAL CODES ISSUED BY THE INTERNATIONAL CODE COUNCIL. NO SUPPLEMENTS TO THE 2015 CODES WERE ADOPTED FOR USE.

**BUILDING CONSTRUCTION:**  
2015 ICC INTERNATIONAL BUILDING CODE

**PLUMBING CONSTRUCTION:**  
2015 ICC INTERNATIONAL PLUMBING CODE

**HVAC CONSTRUCTION:**  
2015 ICC INTERNATIONAL MECHANICAL CODE

**ELECTRICAL CONSTRUCTION:**  
2014 ICC INTERNATIONAL ELECTRICAL CODE NFPA-70

ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES - ICC/ANSI A117.1 - 2012

**USE AND OCCUPANCY CLASSIFICATION**

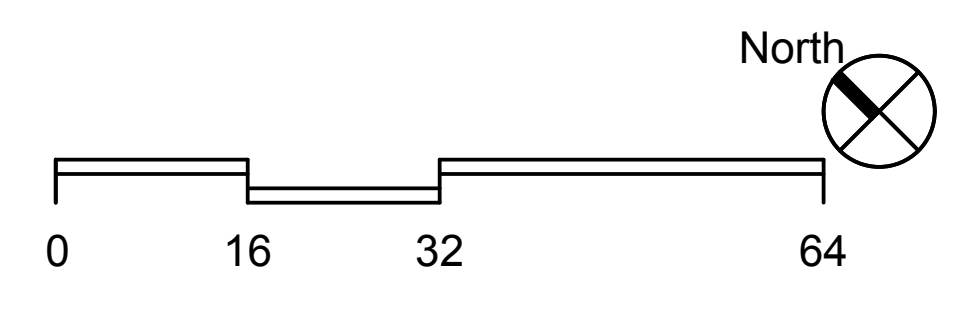
EDUCATIONAL (E)  
BUSINESS (B)

BUSINESS GROUPS ARE ANCILLARY AND SUPPORTIVE TO THE BUILDINGS PRIMARY GROUP E OCCUPANCY AND ARE NOT CONSIDERED SEPARATE OCCUPANCIES

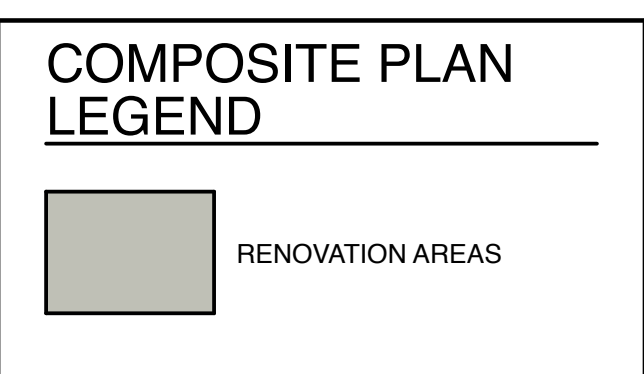
**BUILDING AREA:**  
FIRST FLOOR 88,832 S.F.

**RENOVATION AREA:**  
TOTAL = 9,923 S.F.

**CONSTRUCTION TYPE :**  
NEW CONSTRUCTION SHALL BE OF TYPE 1B CONSTRUCTION REFER TO THE INTERNATIONAL BUILDING CODE, TABLE 1020.1 FOR FIRE RESISTANCE RATING REQUIREMENTS FOR CORRIDORS AND DOOR OPENINGS. DOORS WILL BE 20 MIN FIRE RATED, THE HOLLOW METAL FRAMES ARE EXISTING.



**NOTE:**  
1. The Composite plans are provided for General Information only and are not to be used for bidding or construction purposes. The Contractor shall refer to all other drawings for the basis of bidding and construction.



ADDENDUM #1

<b>PHASING SCHEDULE</b>	
PHASE 1 - BEGIN WORK APRIL 11, 2022, SUBSTANTIAL COMPLETION AUGUST 24, 2022	
PHASE 2 - BEGIN WORK JUNE 6, 2022, SUBSTANTIAL COMPLETION AUGUST 26, 2022	



# Luminaire Schedule

1. All luminaires must be listed and labeled by an NRTL, as required by the NEC.

Type	Manuf.	Model	Mounting	Description	Source	Color	CRI	Lumens	Lumen Maint	Driver	Voltage	VA	W	Quantity	Watts
A	KB Lighting	LEDPNL2X4-35W-5KMV-PRM-CP	Recessed	2'x4' Edge-Lit flat panel, furnished by Owner, installed by Electrical Contractor, earthquake clips, 138LPW, DLC premium, set dimming high trim to 70%	LED	5000K	80	4000	L70 /60,000H	0-10V	277-120V	44	35		0
A1	KB Lighting	LEDPNL2X4-35W-5KMV-PRM-CP	Recessed	2'x4' Edge-Lit flat panel, furnished by Owner, installed by Electrical Contractor, earthquake clips, 138LPW, DLC premium.	LED	5000K	80	4836	L70 /60,000H	0-10V	277-120V	44	35		0
A2	KB Lighting	<b>LEDPNL1X2-20W-5K</b>	Recessed	2'x1' edge-Lit flat panel, furnished by Owner, installed by Electrical Contractor, earthquake clips, 138LPW, DLC premium, set dimming high trim level to 70%	LED	5000K	80	2000	L70 /60,000H	0-10V	277-120V	25	20		0
B	KB Lighting	<b>LEDFBHB135-5K-MVDIM-xx</b>	Pendant	<b>18"x24" high bay luminaire, acrylic lens, aircraft cable accessory, -20°F to 122°F ambient operation, set dimming high trim to 70% output, 12 spare lenses</b>	LED	5000K	80	<b>18,900</b>	L70 /60,000H	0-10V	277-120V	<b>162</b>	<b>135</b>		0
C3	KB Lighting	<b>EC2-LED-4-4480-5K-FR-WG</b>	Surface	<b>4"x48" linear, premium efficiency, diffuse flat acrylic lens, 48" louver and wireguard, glavanized finish housing, cap, louver, and wireguard, 12 spare lens, 6 louvers and wireguards, mounted to uni-strut structure, set dimming high trim to 90%</b>	LED	5000K	90	<b>4480</b>	L70 /80,000H	0-10V	277-120V	<b>30</b>	<b>24</b>		0
C4	KB Lighting	<b>EC2-LED-4-4480-5K-FR-xx</b>	Pendant	<b>4"x48" linear, premium efficiency, general distrubution, diffuse flat acrylic lens, white housing, adjustable aircraft cable</b>	LED	5000K	80	<b>4480</b>	L70 /80,000H	0-10V	277-120V	<b>30</b>	<b>24</b>		0
E	Emergi-lite	Preceptor	Surface, universal	Single-faced exit sign, universal mount, white die-cast aluminum housing, red lettering, concealed chevron knockouts, AC	LED	-	-	-	-	-	277-120V	4	4		0
	Lithonia	LE series													
	McPhilben														
E3	Sure-lites	CX series	Wall/ Surface	Floor proximity electric exit sign, 6" lettering, located 12" above the floor, white face and white body, low-profile, single sided, red legend, field-selectable chevrons, for use in classrooms and shops. Plastic housing and face, wireguard where shown on the floor plans.	LED	-	-	-	-	-	277-120V	4	4		0
	Emergi-lite	Premier series													
	Everglow														
F	KB Lighting	<b>EC2-LED-4-4480-5K-FR-xx</b>	Pendant	<b>4"x48" linear, premium efficiency, diffuse flat acrylic lens, 48" louver and wireguard, glavanized finish housing, cap, louver, and wireguard, 12 spare lens, 6 louvers and wireguards, mounted to uni-strut structure, set dimming high trim to 90%</b>	LED	5000K	80	<b>4480</b>	L70 /80,000H	0-10V	277-120V	<b>30</b>	<b>24</b>		0
	McPhilben														
														Total	0

Bold text indicates changers made by addendum