



ITEM NO.	QTY.	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
01	1	WALK-IN COOLER	AMERICAN PANEL		
02	1	EVAPORATOR COIL, WALK-IN COOLER	AMERICAN PANEL		
03	1	CONDENSING UNIT, WALK-IN COOLER	AMERICAN PANEL		
04	4	WIRE SHELVING, 4-TIERS, 63"H POSTS	METRO	PR2460NK3	
05	3	WIRE SHELVING, 4-TIERS, 63"H POSTS	METRO	PR2448NK3	
06	8	WIRE SHELVING, 5-TIERS, 74"H POSTS	METRO	PR2460NK3	
07	2	WIRE SHELVING, 5-TIERS, 74"H POSTS	METRO	PR2454NK3	
08	2	WIRE SHELVING, 5-TIERS, 74"H POSTS	METRO	PR2436NK3	
09	2	WIRE SHELVING, 5-TIERS, 74"H POSTS	METRO	PR2442NK3	
10	1	WIRE SHELVING, 5-TIERS, 74"H POSTS	METRO	PR2454NK3	
11	1	MOP SINK CABINET	EAGLE GROUP/METAL MASTERS	F1916-VSCS-DL	
12	1	HAND SINK, WALL MOUNT	EAGLE GROUP/METAL MASTERS	HSA-10-FAW	
13	1	TRASH CAN, SLIM	RUBBERMAID	FG354060GRAY	
14	2	HOT/HOLDING CABINET, UNDERCOUNTER	ALTO-SHAAM	1000-UP	
15	1	REFRIGERATOR, REACH-IN	CONTINENTAL REFRIGERATOR	2RNSS	
16	1	FREEZER, REACH-IN	CONTINENTAL REFRIGERATOR	2FNSS	
17	1	3-COMPARTMENT SINK	EAGLE GROUP/METAL MASTERS	314-16-3-24	
18	2	POT RACK, WALL MOUNT	EAGLE GROUP/METAL MASTERS	WM36PR	
19	1	ICE BIN	HOSHIZAKI	B-500SF	
20	1	ICE MAKER	HOSHIZAKI	KM-901MAJ	
20F	1	ICE MAKER, WATER FILTER	EVERPURE	EV9328-91	
21	2	WORK TABLE, MOBILE	EAGLE GROUP/METAL MASTERS	T3684SE	
22	1	MICROWAVE OVEN	PANASONIC	NE-17523	
23	7	TRAY CART, STAINLESS	ALADDIN TEMP-RITE	SC16S-525D	
24	9	RETRIEVAL CART, STAINLESS	ALADDIN TEMP-RITE	RS1615205	

**FOODSERVICE EQUIPMENT SCHEDULE**

**ADDITIONS AND RENOVATIONS TO THE FOLCROFT TECHNICAL SCHOOL**  
**DELAWARE COUNTY INTERMEDIATE UNIT**  
**701 HENDERSON BLVD.**  
**FOLCROFT, PA 19032**

ISSUE DATES: 03/17/2025  
DESCRIPTION: BID SET  
PROJ #: 21-DCIU-03  
DRAWN BY: N. SAMON  
SHEET TITLE: **FOODSERVICE EQUIPMENT SCHEDULE**  
SHEET NUMBER: **FS-1.1**  
**BID SET**

SEAL: \_\_\_\_\_

CONSULTANT: **DCIU**  
Empowering Partnerships For Education

**MAROTTA/MAIN ARCHITECTS**  
WWW.MAROTTAMAIN.COM

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3/14/2025 12:55:19 PM





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SEAL:

CONSULTANT:

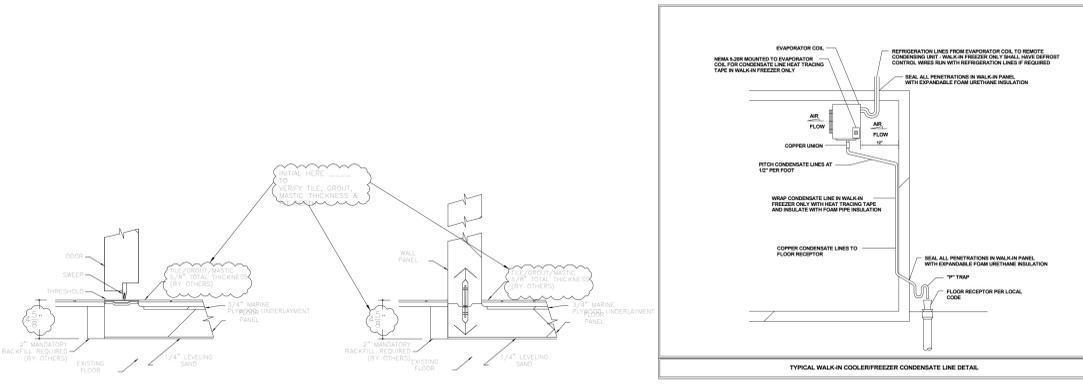
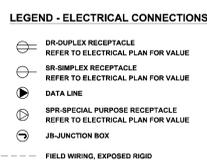
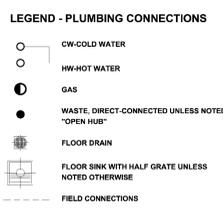
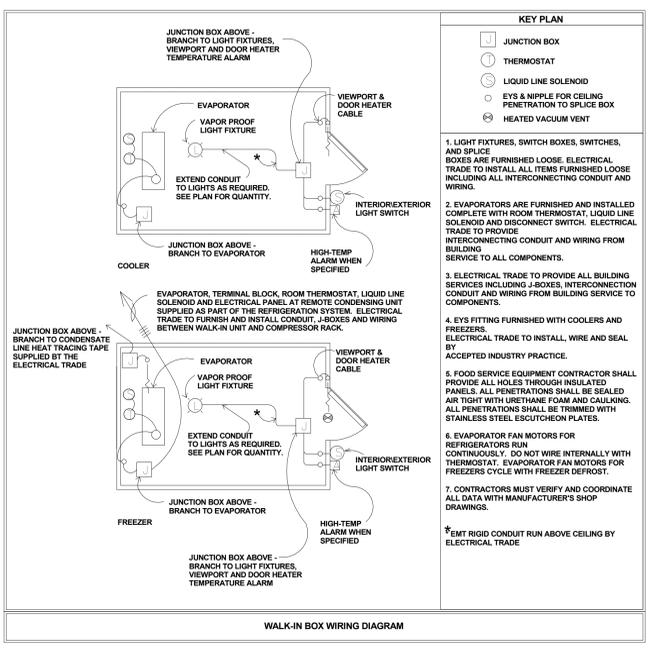


**ADDITIONS AND RENOVATIONS TO THE  
FOLCROFT TECHNICAL SCHOOL  
DELAWARE COUNTY  
INTERMEDIATE UNIT**  
701 HENDERSON BLVD.  
FOLCROFT, PA 19032

ISSUE DATES

DATE	DESCRIPTION
03/17/2025 <td>BID SET</td>	BID SET

PROJ # : 21-DCIU-03 DRAWN BY: M.A.CORSI  
SHEET TITLE:

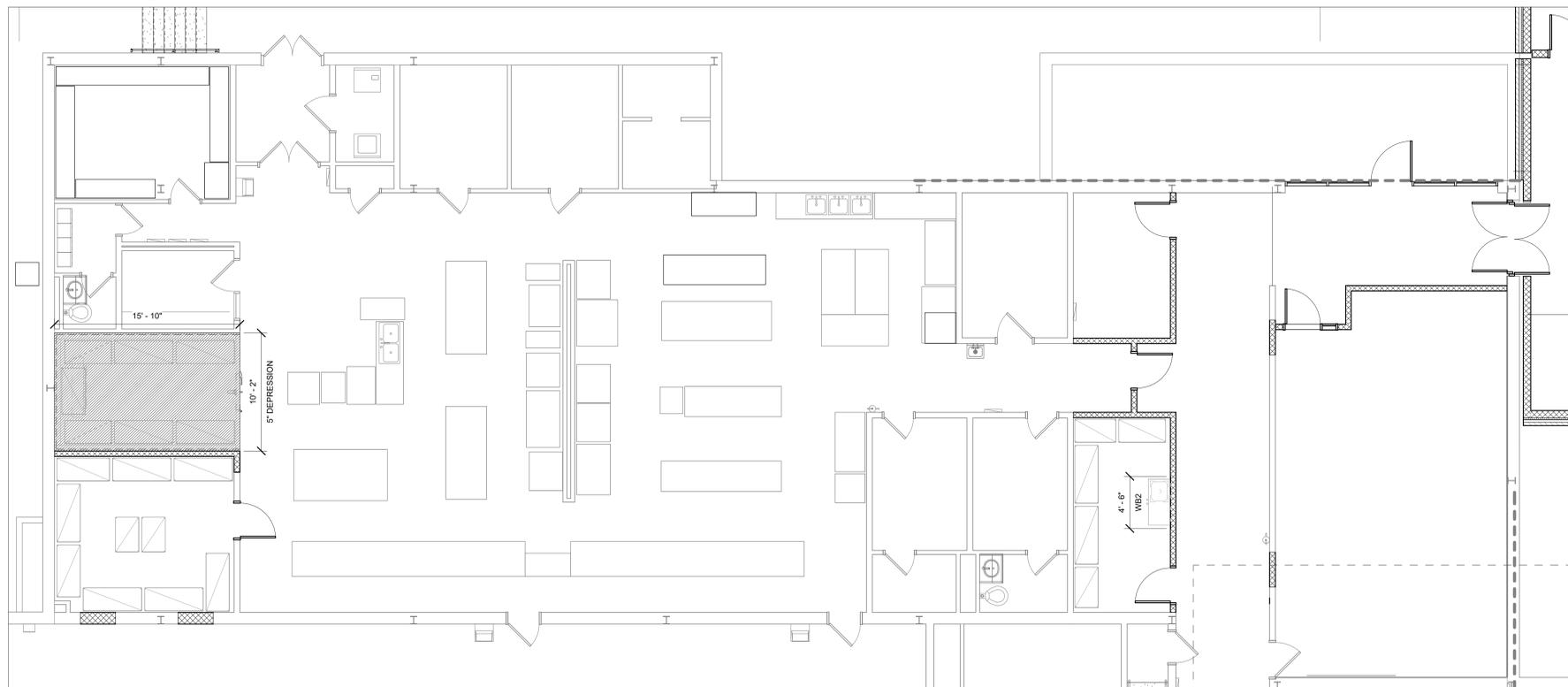
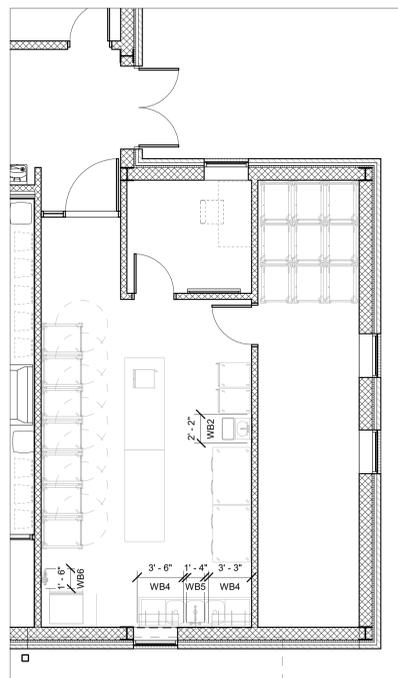
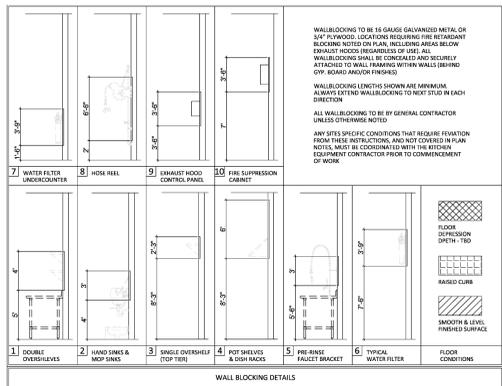
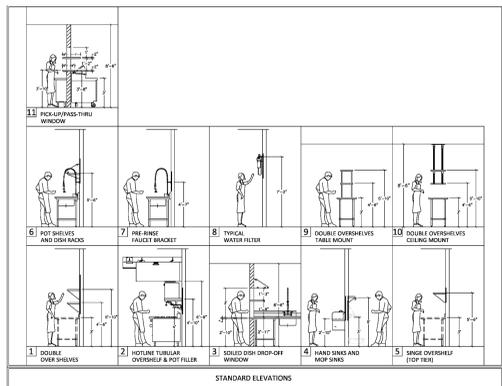


**FOODSERVICE PLUMBING SCHEDULE**

ITEM NO. [P]	QTY.	CW SIZE	CW ROUGH-IN HEIGHT	HW SIZE	HW ROUGH-IN HEIGHT	IDW SIZE (B)	DW SIZE (B)	DW ROUGH-IN HEIGHT	DESCRIPTION	PLUMBING REMARKS
02	1					3/4"			EVAPORATOR COIL, WALK-IN COOLER	
11	1	1/2"	3' - 0"	1/2"	3' - 0"		2"		MOP SINK CABINET	*DRAIN AT FLOOR
12	1	1/2"	1' - 6"	1/2"	1' - 6"		1 1/2"	2' - 0"	HAND SINK, WALL MOUNT	
17	1	1/2"	1' - 6"	1/2"	1' - 6"	1 1/2"			3-COMPARTMENT SINK	
19	1					3/4"			ICE BIN	
20	1	1/2"				3/4"			ICE MAKER	*CW FROM FILTER ITEM #20F
20F	1	1/8"	5' - 0"						ICE MAKER, WATER FILTER	INTERCONNECT TO ICE MAKER ITEM #20
FS	3						4"		FLOOR SINK	DRAIN AT FLOOR

**FOODSERVICE ELECTRICAL SCHEDULE**

ITEM NO. [E]	AMPS	HP	VOLTS	PH	ELECTRICAL CONNECTION TYPE	ROUGH-IN HEIGHT	DESCRIPTION	ELEC REMARKS
01	8.0 A		120V	1	DIRECT		WALK-IN COOLER	CONNECTION DOWN FROM ABOVE
02	1.1 A		208-230V	1	DIRECT		EVAPORATOR COIL, WALK-IN COOLER	CONNECTION DOWN FROM ABOVE
03	11.5 A		208-230V	3	DIRECT		CONDENSING UNIT, WALK-IN COOLER	CONNECTION DOWN FROM ABOVE
14	16.0 A		120V	1	NEMA 5-20P	2' - 0"	HOT/HOLDING CABINET, UNDERCOUNTER	
15	8.1 A	1/3	120V	1	NEMA 5-20P	4' - 0"	REFRIGERATOR, REACH-IN	
16	9.4 A	1/4	120V	1	NEMA 5-20P	4' - 0"	FREEZER, REACH-IN	
20	13.0 A		208-230V	1	DIRECT	5' - 6"	ICE MAKER	
22	17.3 A		120V	1	NEMA 5-20P	0' - 6"	MICROWAVE OVEN	STUB UP CONNECTION
CV1	20.0 A		120V	1	NEMA 5-20R	2' - 0"	CONVENIENCE OUTLET	
CV2	20.0 A		120V	1	NEMA 5-20R		CONVENIENCE OUTLET (RETRACTABLE RECEPTACLE)	CONNECTION DOWN FROM ABOVE; RETRACTABLE RECEPTACLE PROVIDED BY OTHERS



SEAL:

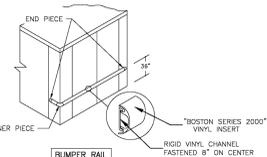
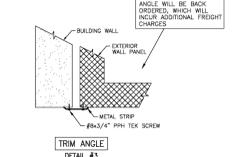
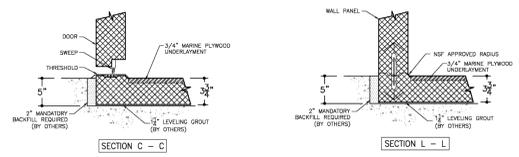
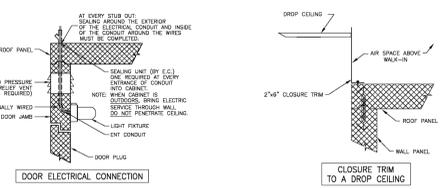
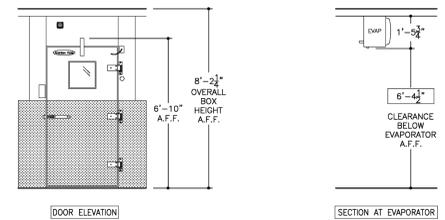
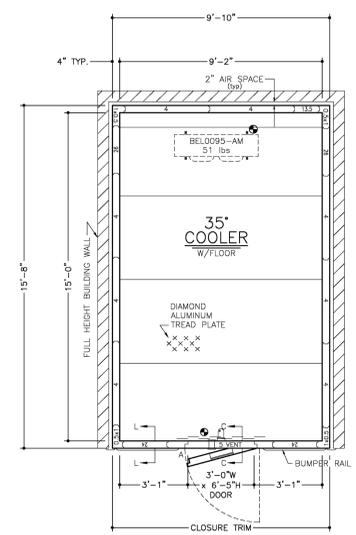
CONSULTANT:  
DCIU Empowering Partnerships For Education

ADDITIONS AND RENOVATIONS TO THE  
FOLCROFT TECHNICAL SCHOOL  
DELAWARE COUNTY  
INTERMEDIATE UNIT  
701 HENDERSON BLVD.  
FOLCROFT, PA 19032

ISSUE DATES  
DATE: 03/17/2025  
DESCRIPTION: BID SET

PROJ #1: 21-DCIU-03 DRAWN BY: Author  
SHEET TITLE: FOODSERVICE WALK-IN DETAILS

SHEET NUMBER:  
FS-2.0  
BID SET



**~SPECIFICATIONS~**  
 BOX HEIGHT: 8'-4" OVERALL (7'-10" 1/4" INTERIOR)  
 CONSTRUCTION: FRAMED IN PLACE  
 INSULATION: NSF LISTED, STANDARD NO. 7  
 4" URETHANE, FROSTED PANEL, UL CLASSIFIED FLAME SPREAD 20  
 CORE DENSITY ENCLOSED 2.0  
 INSTALLATION: INDOOR  
 FLOOR: STANDARD 3/4" MARINE PLYWOOD UNDERLAMENT  
 DOOR HARDWARE & ACCESSORIES: POWER TO BE CABLED OUT CEILING PANEL  
 DRY CONTACT LEADS TO BE STUDIED OUT CEILING PANEL IN A SEPARATE SUB OUT  
 DEADBOLT HANDLE W/KEYED CHUCKER LOCK, PADLOCK  
 PROVISION & BUMPER TRIM INSIDE RELEASE  
 FRAME: HEAVY WIRE HYDRAULIC DOOR CLOSER  
 1/2" STAINLESS STEEL THRESHOLD COVER PLATE  
 6" WALK-IN DOOR CONTROLLER AND ALARM SYSTEM INCLUDING:  
 INTEGRATED LIGHT SWITCH WITH AUTOMATIC LIGHT OFF AND 3-WAY & 4-WAY CAPABILITY  
 TEMPERATURE MONITOR AND LOGGER WITH HIGH TEMP. AND LOW TEMP. VISUAL AND AUDIO ALARM  
 100 F C TEMPERATURE SELECTOR  
 INTEGRATED DRY CONTACT FOR ALARM SOUNING & POWER FAILURE (1A @ 24VDC, 1A @ 30VDC)  
 DOOR AND WINDOW HEATER CONTROL (WHEN SO EQUIPPED)  
 HATCH PREVIEW VIA ONBOARD LED SCREEN  
 HATCH DOWNLOCK VIA KEY  
 WIFI CONNECTIVITY (INTERNET ENABLED WITH NETWORK NEEDED)  
 BATTERY BACKUP ALARM NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES  
 TEMPERATURE ALARM NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES  
 POWER FAILURE NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES  
 FOR THE FUTURE TO WORK THE LOCAL WIFI NETWORK MUST BE POWER PROTECTED AND WORKING AT THE TIME OF POWER FAILURE EVENT)  
 AUTOMATIC AND ON DEMAND TRANSMISSION OF HACCP DATA VIA EMAIL  
 ADAPTIVE SETTINGS  
 25 AMP TEMPERATURE PROBE  
 DOOR SWITCH TO ENABLE DOOR ALARM, DOOR ALARM NOTIFICATION VIA EMAIL &/OR  
 EMAIL TO SMS TEXT MESSAGES, AND AUTOMATIC LIGHTS ON WHEN DOOR OPEN  
 PANIC ALARM WITH ILLUMINATED PANIC BUTTON, ALARM BUZZER WITH LED,  
 & NOTIFICATION VIA EMAIL &/OR EMAIL TO SMS TEXT MESSAGES  
 MASON SCREEN W/ALUMINUM WOOD GRAIN LIGHT FILTER  
 #10 3/8" W/3" STAINLESS LED BULB & GLASS (CENTERED ABOVE DOOR)  
 #10 3/8" W/3" STAINLESS THERMOMETER W/8" PROBE  
 STRIP CURTAIN  
 2" CAN BUS WIRE  
 HEATED VISION WINDOW (14" x 14")  
 1/2" DIAMOND ALUMINUM TREAD PLATE: KICKPLATES @ 48" HIGH 1/2" & 0/5" DOOR & FRAME  
 MASON #1077 PRESSURE RELIEF VENT  
 ACCESSORIES (SHIPPED LOGS)  
 2" = ICE TRIM ANGLE  
 2" = 48" (1810L) LED LIGHT FIXTURE(S) @ 40W EACH  
 CLOSURE TRIM TO AN EXISTING CEILING (FOR PLAN)  
 RIGID VINYL CHANNEL BUMPER RAIL (BOSTON SERIES 2000) W/VINYL INSERT @ 36" A.F.F. (PER PLAN)  
 FACTORY METAL WALL TRIM  
 FACTORY METAL WALL TO ROOF TRIM  
 STAINLESS STEEL WALL & CEILING PLUG BUTTONS  
 INTERIOR & EXTERIOR DOOR & FRAME - 1/8" GA STAINLESS STEEL #3 FINISH  
 INTERIOR WALLS & CEILING - WHITE 26 GA STUCCO GALVANIZED  
 EXTERIOR EXTERIOR - 26 GA STUCCO ACRYLUM  
 EXTERIOR FLOOR & CEILING - 26 GA STUCCO ACRYLUM  
 INTERIOR FLOOR - 1/2" DIAMOND ALUMINUM TREAD PLATE INTEGRAL  
 REFRIGERATION  
 ALL VENTS ARE COOLED, OUTDOORS  
 CONDENSING UNIT: 1 - STD. PRE-ASSEMBLED REMOTE - HERMETIC - SCROLL  
 COMPRESSOR (50% MOD. HSP. FPM-412-075 (R-404A))  
 CONDENSING UNIT DIMENSIONS: 24 1/8" x 19" W x 18 3/8" H - WEIGHT 104 LBS  
 EVAPORATOR DIMENSIONS: 45 1/2" L x 15 3/8" W x 17 3/4" H - WEIGHT 51 LBS  
 REFRIGERATION ACCESSORIES:  
 1 - WETTERIZATION CONTROLLER (HINGED)  
 1 - NSF LISTED COMPRESSOR CONTROLS (HINGED)  
 1 - STAINLESS FOR ILL. COVER (18" HIG)  
 NOTE: THE LARGEST DOOR PANEL ON THIS JOB IS 57" x 94"  
 NOTE: THE LARGEST ROOF FLOOR PANEL ON THIS JOB IS 46" x 113"  
 CUSTOMER IS TO VERIFY THAT THIS PANEL SIZE  
 WILL NOT CONFLICT WITH ANY JOB SITE RESTRICTIONS.  
 NOTE: CUSTOMER IS TO VERIFY ALL DIMENSIONS,  
 ELECTRICAL, DETAILS AND SPECIFICATIONS  
 NOTE: MINIMUM LIGHT CIRCUIT LOAD IS 1500W 120VAC TUNGSTEN,  
 5A 120VAC ELECTRONIC BALLAST; FOR HIGHER LOADS ADDITIONAL  
 LIGHT FIXTURES MUST BE CONTROLLED VIA RELAY (BY OTHERS).  
 ELECTRICAL DATA  
 COOLER  
 CONDENSING UNIT: 208-230V/60/3P 115.5/114/20.0 (DLA/MCA/MFP)  
 DOOR: 208-230V/1P/1 1.1 MWPS  
 WALK-IN DOORS: 115V/1P - 300W\*  
 \*NOTE: ADD WATTAGE FOR EACH ADDITIONAL LIGHT FIXTURE IN ACCESSORIES.

DESCRIPTION	QTY	UNIT
<b>USA</b>		
SURFACE BURNING CHARACTERISTICS		
MATERIAL TYPE	TEMP	DENSITY
ALUMINUM PANELS PAINTED OR UNPAINTED 3" OR	35	800
INSULATIVE FIBER REINFORCED STEELWALL	35	400 TO 600
PAINTED OR UNPAINTED		
GLASS	20	250
DOOR MATERIAL AT THESE		

AMERICAN PANEL WALK-IN COOLERS AND FREEZERS COMPLY WITH THE 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), SECTION C405.11

THIS AMERICAN PANEL WALK-IN WILL BE MANUFACTURED TO UL & NSF REQUIREMENTS. AMERICAN PANEL ACCEPTS NO LIABILITY FOR LOCAL CODE REQUIREMENTS OF WHICH AMERICAN PANEL HAS NOT BEEN MADE AWARE OF IN WRITING PRIOR TO FABRICATION.

INSULATION R-VALUES		
PANEL TYPE	COOLER	FREEZER
4" WALLS, ROOFS	R-29	R-32
5" WALLS, ROOFS	R-36	R-40
FLOORS	R-25	R-28
DOORS		R-32

COOLER	DOOR FRAME	W/W/DOOR	1.56A
CONDENSING UNIT AREF VALUE			7.5
EVAP AREF VALUE			9.0

ITEM #01

#	DATE	REVISION DIMENSIONS	BY	NO
A	3/17/25	REVISED DIMENSIONS/LAYOUT		
B	3/17/25	REVISED DIMENSIONS/LAYOUT		

CUSTOMER	PROJECT	DATE							
AMERICAN PANEL CORPORATION	FOLCROFT TECHNICAL SCHOOL - FOLCROFT, PA	07/05/23	08/01/23	08/01/23	08/01/23	08/01/23	08/01/23	08/01/23	08/01/23

DESCRIPTION	QTY	UNIT
COOLER	1	UNIT
DOOR FRAME W/W/DOOR	1	UNIT
CONDENSING UNIT AREF VALUE	7.5	
EVAP AREF VALUE	9.0	

- Please verify that door swing and location are correct.
- If this walk-in is to be installed in a depression, or quarry tile is to be applied to the interior, depression depths or tile thickness must be specified to insure proper door height.
- All site preparation, floor or slab construction, plumbing, electrical connections (including control wiring) by others.
- Electrical: 115-60-1 required above latch side of each door, through ceiling, to operate frame heater and light.
- Special note to General Contractor and his Sub Contractor for quarry tile or concrete wearing floors: the sheet metal panel facade may be susceptible to staining due to excessive moisture created by hydration of concrete type materials. Therefore, it is absolutely necessary that each room be properly ventilated. Also note that special precautions must be taken when using muriatic acid due to effects hydrochloric acid fumes have on aluminum and stainless steel.
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