

NOTICE of CLARIFICATION

For HVAC and Plumbing

Davis Applied Technical College

Welding Technology Building Bid Package #2

- A. The plumbing Sheet PL111.2 was inadvertently left out of the bid package #2 documents. The same drawing sheet (PL111.1) in Bid package #1 was updated recently (11/22/24) by an addendum so it is up to date and should be able to take the place of the PL111.2 that is referenced in the BP#2 drawing index. On this project the “.1” refers to Bid Package #1 drawings and the “.2” refers to Bid Package #2 documents. PL111.1 is included in this clarification.
- B. The invitation to bid documents inadvertently left off clarification indicating the Welding Fume exhaust system and ducting has already been contracted to be supplied and installed by Miller and will not be part of this bid package. This clarification includes a scope sheet indicating what is included by Miller and will not be part of this bid package.
- C. Bidders of this bid package will need to include the compressed air lines that run to the Fume Extraction units
- D. Bidders of this bid package will need to include the Air Compressor and compressed air lines.
- E. Bidders of this bid package will need to include the supply and installation of the welding gas piping.
- F. The welding gas mixers and main regulator is owner provided and not included in this bid package
- G. Please include a note on your bids that you have acknowledged this Clarification & Addendum #1.
- H. This project is a tax-exempt project. Please indicate on your bid that tax is not included.
- I. **The bid date for the HVAC & Plumbing Bidders has changed. Bids will now be due at 2:00 PM on Wednesday 12/11/24**



5730 Technology Circle, Appleton, WI 54914

Sold To:

Ship To:

Davis Tech

Phone:

Phone:

Email:

Email:

Line	Qty	Part Number	Description
1	7	300903006	FILTAIR 12000, 30 HP, 460/3/60 Input Power @ 40 FLA <ul style="list-style-type: none"> * Fully Assembled - All Welded Construction - Ready to Accept Input Power, Compressed Air and Sprinkler Heads - Compressed Air Requirements of 90 to 100 PSI @ 18 SCFM * Remote Mounted Control Panel - Manages all Collector Functions, Including Motor Controls, Filter Differential, and Pulse Cleaning System. * 12 each MERV 15 - Surface Loading FilTek XL Filters * Sound Decibel <75dBa * 24" Diameter Top Inlet * 59.7" W x 83.2" L x 120.3" H * 3900 lb Shipping Weight
2	7	300958010	24" Spark Cooler <ul style="list-style-type: none"> * Engineered to Cool and Suppress Sparks * Fully Assembled & Ready to Install * All Welded Steel Construction * Low Maintenance * Easily Integrated into any Duct Design <p>This device does not guarantee complete elimination of sparks, and does not preclude the possibility of a fire or explosion.</p>
3	14	300959	Sprinkler Head <ul style="list-style-type: none"> * Designed for Installation into Existing Port on Centralized Collectors * Glass Bulb Designed * Temperature Rating 175 Degrees Fahrenheit (79.4 Degrees Celsius) * Flow Rate: 7 PSI @ 14.82 Gallons/Min
4	90	300952	6" Extraction Arm Mounting Kit <ul style="list-style-type: none"> * Includes Mounting Bracket and Hardware

Line	Qty	Part Number	Description
5	20	300953	<p>6" x 7' Wall Mounted Extraction Arm</p> <ul style="list-style-type: none"> * Pre-Assembled for Easy Set-Up * Durable Aluminum Bellmouth Shaped Hood * 360 Degree Movement * External Adjustments Provide Obstacle Free Internal Design <ul style="list-style-type: none"> - Maximizes Flow Rate through Arm <p>***FOR THE 4X8 TABLES</p>
6	70	301242	<p>6" Telescopic Extraction Arm</p> <ul style="list-style-type: none"> * Pre-Assembled for Easy Set-Up * Durable Aluminum Bellmouth Shaped Hood * 360 Degree Movement * Simple External Adjustments * Expandable from 36" to 54" <p>***FOR THE WELD BOOTHS AND SINGLE GRINDING ROOM</p>
7	1	301044002	<p>4' x 6' Low Profile Modular Hood</p> <ul style="list-style-type: none"> * Innovative Design Increases Capture w/Less Airflow <ul style="list-style-type: none"> - Patented Side Panels Contain and Direct Fume to Extraction Rail * Extraction Rail Technology Provides Built In Spark Abatement * UV- Stable Polycarbonate Ceiling Panels * Mounting Alternatives Include: <ul style="list-style-type: none"> - Hanging from Corner Brackets - Integrated Leg Pockets - Positioning Directly Upon Existing Walls/Enclosures * One 10" Diameter Inlet Provides Even Fume Extraction Over Entire Hood * CFM Requirement of 1500 CFM
8	1	301045002	<p>5' x 7' Low Profile Modular Hood</p> <ul style="list-style-type: none"> * Innovative Design Increases Capture w/Less Airflow <ul style="list-style-type: none"> - Patented Side Panels Contain and Direct Fume to Extraction Rail * Extraction Rail Technology Provides Built In Spark Abatement * UV- Stable Polycarbonate Ceiling Panels * Mounting Alternatives Include: <ul style="list-style-type: none"> - Hanging from Corner Brackets - Integrated Leg Pockets - Positioning Directly Upon Existing Walls/Enclosures * One 10" Diameter Inlet Provides Even Fume Extraction Over Entire Hood * CFM Requirement of 1800 CFM
9	1	301046003	<p>6' x 9' Low Profile Modular Hood</p> <ul style="list-style-type: none"> * Innovative Design Increases Capture w/Less Airflow <ul style="list-style-type: none"> - Patented Side Panels Contain and Direct Fume to Extraction Rail * Extraction Rail Technology Provides Built In Spark Abatement * UV- Stable Polycarbonate Ceiling Panels * Mounting Alternatives Include: <ul style="list-style-type: none"> - Hanging from Corner Brackets - Integrated Leg Pockets - Positioning Directly Upon Existing Walls/Enclosures * One 10" Diameter Inlet Provides Even Fume Extraction Over Entire Hood * CFM Requirement of 2250 CFM

All sales are subject to Miller Electric Mfg. Co.'s Terms and Conditions of Sale: www.millerwelds.com/terms-of-sale

Line	Qty	Part Number	Description
10	1	301046002	<p>6' x 8' Low Profile Modular Hood</p> <ul style="list-style-type: none"> * Innovative Design Increases Capture w/Less Airflow <ul style="list-style-type: none"> - Patented Side Panels Contain and Direct Fume to Extraction Rail * Extraction Rail Technology Provides Built In Spark Abatement * UV- Stable Polycarbonate Ceiling Panels * Mounting Alternatives Include: <ul style="list-style-type: none"> - Hanging from Corner Brackets - Integrated Leg Pockets - Positioning Directly Upon Existing Walls/Enclosures * One 10" Diameter Inlet Provides Even Fume Extraction Over Entire Hood * CFM Requirement of 2100 CFM
11	2	301047	<p>7' x 7' Low Profile Modular Hood</p> <ul style="list-style-type: none"> * Innovative Design Increases Capture w/Less Airflow <ul style="list-style-type: none"> - Patented Side Panels Contain and Direct Fume to Extraction Rail * Extraction Rail Technology Provides Built In Spark Abatement * UV- Stable Polycarbonate Ceiling Panels * Mounting Alternatives Include: <ul style="list-style-type: none"> - Hanging from Corner Brackets - Integrated Leg Pockets - Positioning Directly Upon Existing Walls/Enclosures * One 10" Diameter Inlet Provides Even Fume Extraction Over Entire Hood * CFM Requirement of 2100 CFM <p>***One of these hoods for carbon arc welding room. We advice pairing the Filtair hood with a water table***</p>
12	1	301186	<p>Ductwork Package</p> <ul style="list-style-type: none"> * Clamped together ductwork - Requires No Screws, Tape, or Sealant * Laser Welded Seams - Leak Tight * Ability to be Easily Modified/ Remove and Reuse Ductwork * Installs up to 50% Faster, Reducing Installation Costs <p>Pricing Subject to Layout Approval and Site Review</p>
13	1	300969	<p>Engineered Collection System Integration</p> <ul style="list-style-type: none"> * Placement and Anchoring of FILTAIR Collection System * Installation of Arms, Hood(s) and Ductwork from Collection System(s) * Installation to be Performed Monday - Friday 7am to 5 pm <p>NOT Included:</p> <ul style="list-style-type: none"> * Necessary Electrical Connections * Compressed Air Connection * Any and All Necessary Permits * Concrete or Block Wall Penetration(s) * Holiday, Weekend, or Overtime Labor

DRAWING NOTES

NOTE #	DESCRIPTION
1	SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION.
2	RISE PUMPED CONDENSATE UP INTO CEILING SPACE AND CONNECT INTO THE TOP OF THE 3/4" GRAVITY CONDENSATE LINE. ROUTE AS SHOWN.
3	ROUTE 3/4" CONDENSATE HIGH IN CEILING SPACE AS SHOWN.
4	DROP 3/4" CONDENSATE DOWN ON WALL AND ROUTE TO FLOOR DRAIN. PROVIDE 1" AIR GAP AT DRAIN.
5	DROP 1" CONDENSATE DOWN THROUGH ROOF AND ROUTE AS SHOWN HIGH IN CEILING SPACE. SEE EVAPORATIVE COOLER CONNECTION DETAIL 9/PL502.
6	ROUTE 1" CONDENSATE HIGH IN CEILING SPACE AS SHOWN.
7	DROP 1" CONDENSATE DOWN ON WALL AND DRAIN INTO FLOOR SINK. TERMINATE 1" ABOVE FLOOR SINK RIM TO PROVIDE AIR GAP.
8	1/2" DRAIN FROM ROOF HYDRANT (RH). SEE PL112.2 FOR CONTINUATION.



PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
1	10.21.24	BP1 ADD 3
2	11.01.24	BP1 ADD 5
4	11.22.24	BP1 ADD 6

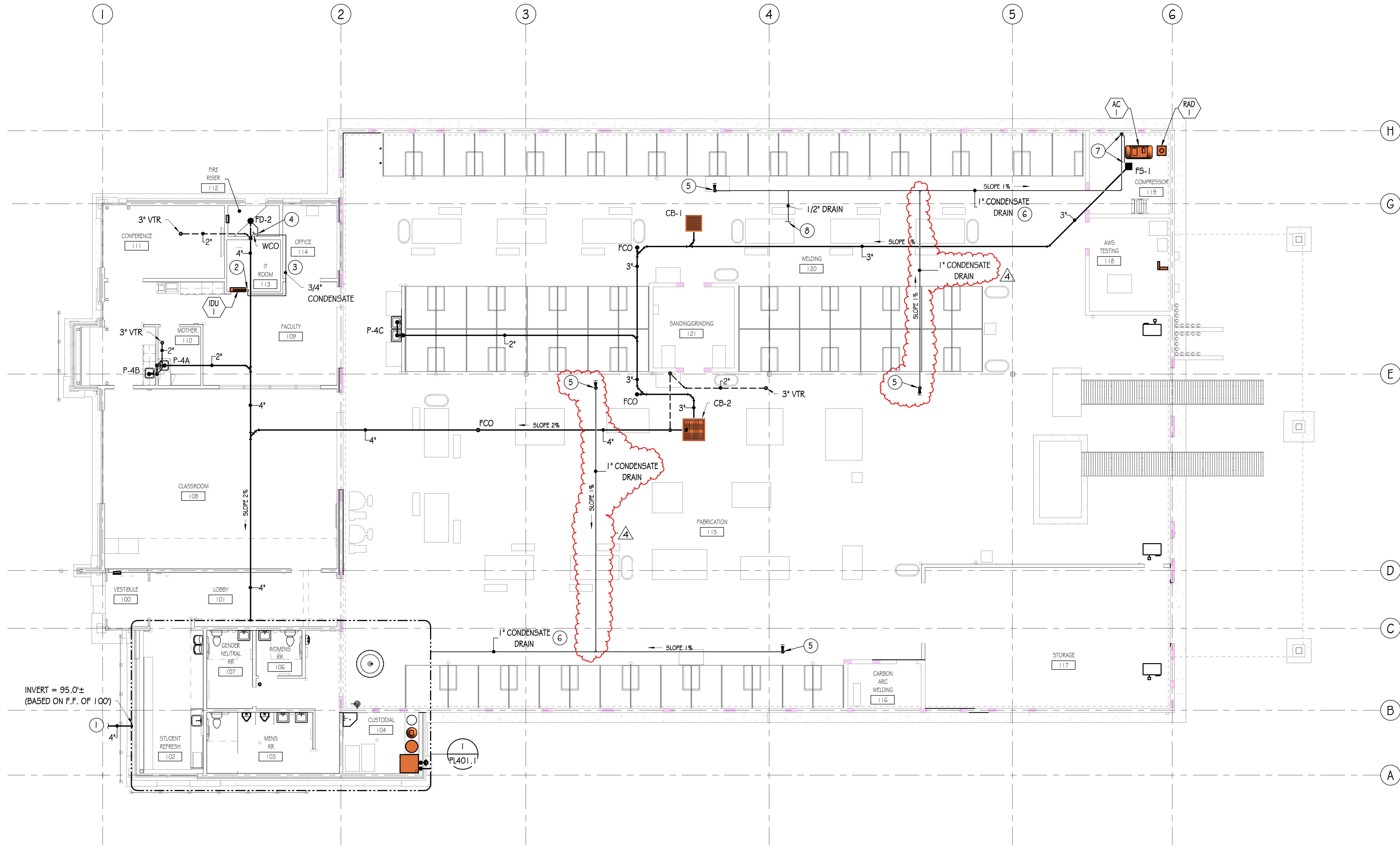
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C

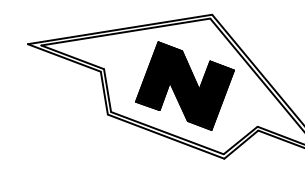
B

A



PLUMBING PLAN - DRAIN/WASTE/VENT

SCALE: 1/8" = 1'-0"



**DAVIS TECHNICAL COLLEGE
WELDING TECHNOLOGY
BUILDING**
355 SOUTH 650 EAST
KAYSVILLE, UT 84037



PLUMBING PLAN -
DRAIN/WASTE/VENT
PL111.1