CRSA
ARCHITECTURE · PLANNING · INTERIORS
175 S MAIN STREET, STE 300 · SLC, UT 84111 · 801.355.5915

BID PACKAGE #2 ADDENDUM #01

DATE: December 5, 2024

PROJECT NO: 24-038

TO: Gramoll Construction
155 S 750 W St
North Salt Lake, Utah 84054

PROJECT: DTC Welding Technology Bldg

The original specifications and drawings, labeled "Bid Package #2", dated November 1, 2024 and issued for the project referenced above are amended by the following content and form a part of the Contract Documents.

Receipt of this addendum shall be acknowledged by inserting its number and date in the space provided on the bid form.

Attachments:

AS101.2, AS110.2, AE101.2, AE151.2, AE191.2, AE201.2, AE402.2, AE525.2, AE530.2, ME003.2, MH112.2.

Responses to Bidder Questions:

1. Q: Please confirm height of chainlink fence.
   A: Chainlink fence and gate heights are 72"H. Please see attached drawing revisions.

2. Q: On the floor finish plans in one place it says densified concrete and in another place it says FC1 is polished concrete. Can you confirm which one is correct?
   A: Densified concrete is correct. Please see attached drawing revisions.

3. Q: Roofing substitution request.
   A: Approved as noted. See attached form.

4. Q: MCM Panel substitution request.
   A: Approved as noted. See attached form.

Changes to Prior Addenda:

1. None.

Changes to Procurement Requirements:

1. None.

Changes to Contracting Requirements:

1. None.

Changes to Specifications:

1. Division 07 – 074213.23 MCM Wall Panels
   a. Section 2.02 Wall Panel System
      i. Revise item #2 to read as follows: *"Provide panel jointing and weather seal using reveal joints & gaskets, but no sealant."*
2. Division 05 – 055133 Metal Ladders
   a. Section 2.04 Prefabricated Ladders
      i. Paragraph B Prefabricated Ship Ladder
         1. Revise item #3 to read as follows: *"Incline: 64 degrees".*

3. Division 22 & 23 – Prior Approvals. See attached narrative.

Changes Drawings:

1. **Architectural**
    a. AS101.2
        i. Revised drawings to show new ships ladder location, chainlink fence & gate.
    b. AS110.2
        i. Added trench drain across lower end of sidewalk slope at entry plaza.
    c. AE101.2
        i. Revised ships ladder location.
    d. AE151.2
        i. Added alternate base material for Base Finish BS1. Bidders to provide alternate pricing for this material.
    e. AE191.2
        i. Revised ships ladder location & deleted roof hatch.
    f. AE201.2
        i. Revised exterior elevations to show new ships ladder location & chainlink fence.
    g. AE402.2
        i. Revised interior elevations to show revised student refresh millwork.
    h. AE525.2
        i. Revised ships ladder details.
    i. AE530.2
        i. Revised student refresh millwork elevation to add cabinets. Deleted countertop bracing detail.

2. **Plumbing**
    a. Refer to attached memorandum.

3. Mechanical
    a. Refer to attached memorandum.

End of Addendum #01

Advancement of Construction Technology

SUBSTITUTION REQUEST
(After the Bidding Phase)

Project: DTC Welding Technolgy Building

Substitution Request Number:

From: Elevate/Firestone Building Products

To: Aaron Nielsen

Date: 11/20/2024

A/E Project Number: DFCM PROJECT 24378220

Re:

Contract For:

Specification Title: Thermoplastic Membrane Roofing

Description: Roofing Membrane

Section: 75400-3 Page: 253

Article/Paragraph:

Proposed Substitution: Elevate/ Firestone Building Products

Manufacturer Address: NASHVILLE Phone: 800-428-4442

Trade Name: Model No.:

Installer: Address: Phone

History: ☐ New product ☐ 2-5 years old X☐ 5-10 years old ☑ More than 10 years old

Differences between proposed substitution and specified product:

We would like submit Elevate roofing products, you have Genflex in the spec who Elevate owns.

All products would be under 1 warranty

X☑ Point-by-point comparative data attached

Reason for not providing specified item: Product meets or exceeds current spec, does not change the current spec

We have billions of SF all through the country.

Similar Installation:

Project: Architect:

Address: Owner:

Date Installed:

Proposed substitution affects other parts of Work: X ☑ No ☐ Yes; explain

Savings to Owner for accepting substitution: 1 manufacture for the warranty ($).

Proposed substitution changes Contract Time: ☑ No ☐ Yes [Add] [Deduct] days.

Supporting Data Attached: ☐ Drawings ☑ Product Data ☐ Samples ☐ Tests ☐ Reports ☐

SUBSTITUTION REQUEST
(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Kelly Orchard

Signed by: Kelly Orchard

Firm: Elevate. (Commercial building Solutions). Reps of Utah

Address:

Telephone: 801-859-4134

Attachments:

A/E's REVIEW AND ACTION

☐ Substitution approved - Make submittals in accordance with Specification Section 01330.
☒ Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: Date:

Additional Comments: ☐ Contractor ☐ Subcontractor ☐ Supplier ☑ Manufacturer ☐ A/E ☐

Our product does not change the scope of work, it will overall be a better product for the lifetime of the warranty.

FIRESTONE BUILDING PRODUCTS HAS CHANGED ITS NAME TO ELEVATE. IT IS THE SAME PRODUCT, PRODUCT NAMES, TESTING JUST THE LEGAL NAME HAS CHANGED

Specification 075400 did not list Firestone, so the substitution for change in name appears unwarranted.
As a product substitution the proposed product under "Elevate" appears to meet the criteria as outlined.
Confirm that a 1/2" cover board over insulation is included in the assembly.
Review all criteria from the state of Utah DFCM Standards for further conformance for roofing.

September 1996
CSI Form 13.1A

SUBSTITUTION REQUEST

(During the Bidding/Negotiating Stage)

Project: DTECH Welding Technology/Fabrication Bldg
Kaysville, UT

Substitution Request Number:

From: Camille Knezevich

To: CRSA Architects
Gramoll Construction

Date: 12/3/24

A/E Project Number: DFCM # 24378220

Re: Request for acceptable alternate

Contract For: Alfrex

Specification Title: Metal Composite Material Wall Panels

Description: FR Metal Composite Wall Panels

Section: 074213.23 Page: 32

Article/Paragraph: 2.01A

Proposed Substitution: Alfrex FR as an acceptable alternate to the specified products

Manufacturer: Alfrex, Inc Address: 943 Gainesville Hwy, Bldg 100, Ste 4000 Phone: 1-470-323-7488

Trade Name: Alfrex FR Model No.: 4mm FR, 6mm FR

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Camille Knezevich

Signed by:

Firm: Alfrex, Inc

Address: 943 Gainesville Hwy, Bldg 100, Ste 4000
Buford, Georgia 30518

Telephone: 803-464-3418

A/E's REVIEW AND ACTION

☐ Substitution approved - Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
☒ Substitution approved as noted - Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: Date:

Supporting Data Attached: ☑ Drawings ☑ Product Data ☐ Samples ☑ Tests ☑ Reports ☑ ICC-ESR

Form Version: September 2013
CSI Form 1.5C

Please note: the project requires a dry system (rainscreen) not a wet system as called out in the specifications. This change will occur in the BP-2 Addendum 1.

Alfrex FR

Metal Composite Material

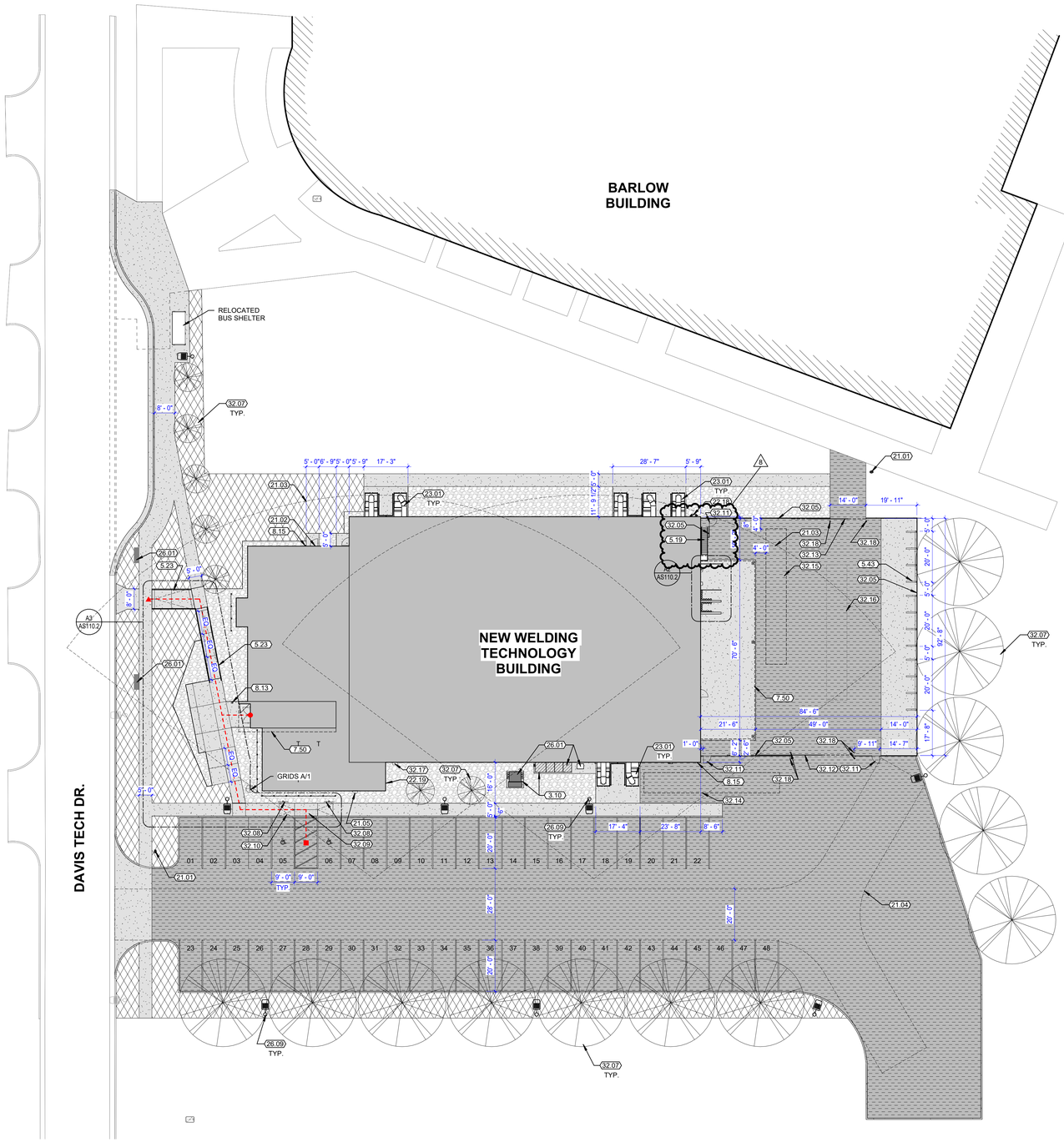
Digital Submittal Package

2.02 WALL PANEL SYSTEM

A. Wall Panel System: Metal panels, fasteners, and anchors designed to be supported by framing or other substrate provided by others; provide installed panel system capable of maintaining specified performance without defects, damage, or failure.

1. Provide structural design by or under direct supervision of a Structural Engineer licensed in the State in which the Project is located.
2. Provide panel jointing and weatherseal using reveal joints and gaskets but no sealant.
3. Anchor panels to supporting framing without exposed fasteners.

alfrex



A2 / AS101.2 ARCHITECTURAL SITE PLAN
1" = 20'-0"

N PROJECT / N TRUE

0 10' 20' 40'
0 2"
1" = 20'-0"

GENERAL NOTES

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- DO NOT SCALE DRAWINGS
- ITEMS HALF-TONED SHOWN FOR REFERENCE ONLY.

ARCHITECTURAL SITE PLAN LEGEND

ASPHALT PAVING	
CONCRETE PAVING	
ROCK MULCH & PLANTING AREAS	
TURF AREAS	
EXTENTS OF SITE DEMOLITION	
ACCESSIBLE EGRESS PATH	
ACCESSIBLE PUBLIC SIDEWALK ARRIVAL POINT	
ACCESSIBLE PUBLIC BUILDING ENTRANCE (1/1)	
ACCESSIBLE PARKING ARRIVAL POINT	
ACCESSIBLE PARKING STALL	

PARKING CALCULATION

SEE IBC 2021 TABLE 1106.2

TOTAL PARKING SPACES PROVIDED	47
REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES	2
NUMBER OF ACCESSIBLE SPACES PROVIDED	2

KEYNOTES

3.10	CONCRETE HOUSEKEEPING PAD. COORDINATE LOCATION & EXTENTS W/ ELECTRICAL EQUIPMENT
5.19	ROOF ACCESS LADDER. SEE LADDER DETAILS.
5.23	HANDRAILS, BOTH SIDES
5.43	MATERIAL RACKING, OFOI
7.50	LINE OF ROOF ABOVE
8.13	PEDESTAL AUTOMATIC DOOR OPERATOR AND CARD READER
8.15	FIRE DEPARTMENT EMERGENCY KEY CABINET
21.01	FIRE HYDRANT, SEE CIVIL
21.02	FIRE RISER ROOM
21.03	FIRE APPARATUS 150' REACH LINE
21.04	FIRE APPARATUS ACCESS ROAD TURN AROUND - 60-FOOT "Y" CONFIGURATION
21.05	FIRE DEPARTMENT CONNECTION
22.18	GAS METER, SEE MECHANICAL
22.19	OVERFLOW ROOFDRAIN DOWNSPOUT, SEE MECHANICAL
23.01	MECHANICAL EQUIPMENT
26.01	ELECTRICAL EQUIPMENT
26.09	[illegible]
32.05	72" HIGH CHAIN-LINK FENCE
32.07	[illegible]
32.08	ACCESSIBLE PARKING SIGNAGE
32.09	TRUNCATED DOMES
32.10	CURB RAMP, SEE CIVIL
32.11	72" HIGH CHAIN-LINK FENCE 3'-0" LOCKABLE MAN GATE
32.12	72" HIGH CHAIN-LINK FENCE 25'-0" LOCKABLE ROLLING VEHICLE GATE
32.13	72" HIGH CHAIN-LINK FENCE 35'-0" LOCKABLE ROLLING VEHICLE GATE
32.14	53' X 8' SCRAP TRAILER PARKING LOCATION
32.15	53' X 8' SCRAP TRAILER PARKING LOCATION
32.16	53' X 8' SCRAP TRAILER TEMPORARY UNLOADING LOCATION
32.17	IRRIGATION CONTROLLER, SEE LANDSCAPE
32.18	BOLLARD

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
8	2024-12-05	BP-2 ADDENDUM #01

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILLDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

DAVISTECH
DAVIS TECHNICAL COLLEGE

STATE OF UTAH
JEFFREY D. BIRD
9142[illegible]-0301
LICENSED ARCHITECT

ARCHITECTURAL SITE PLAN

AS101.2

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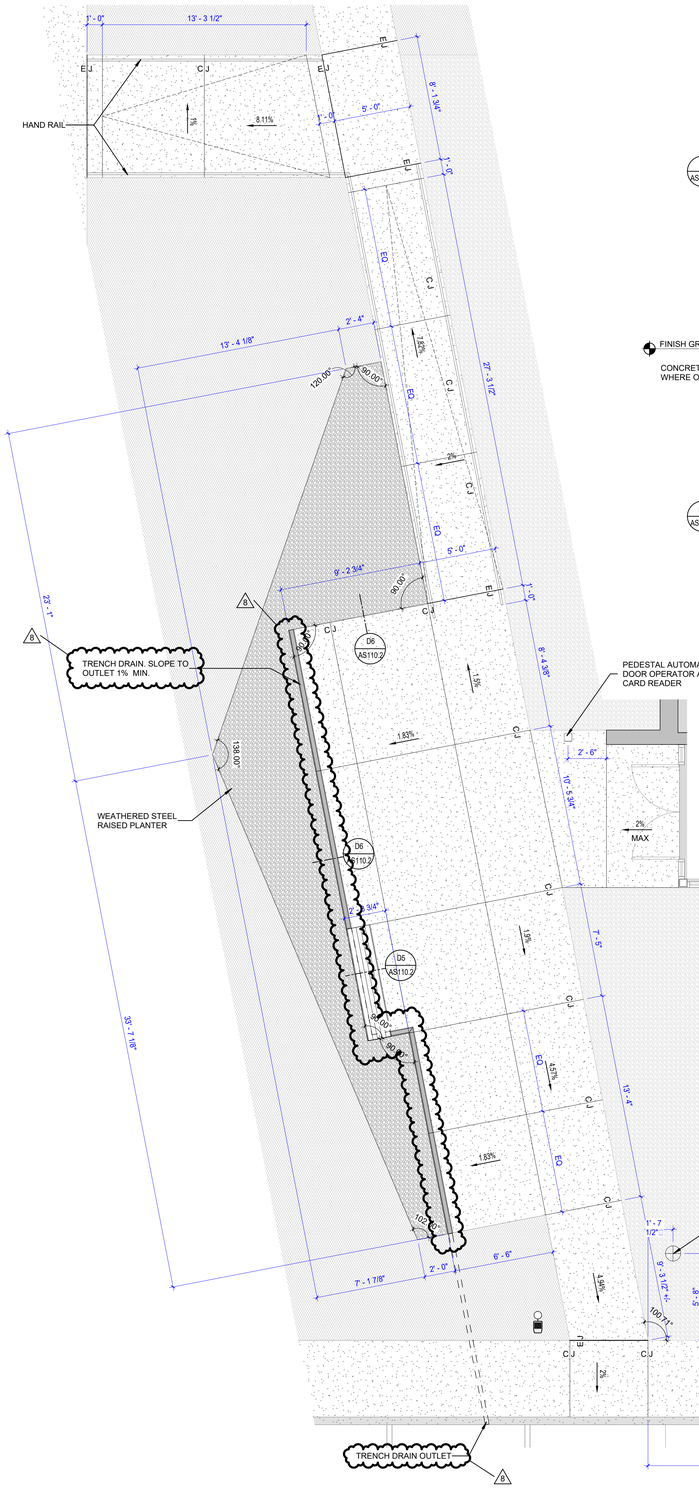
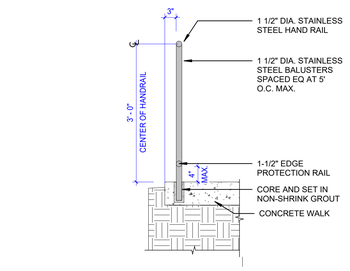
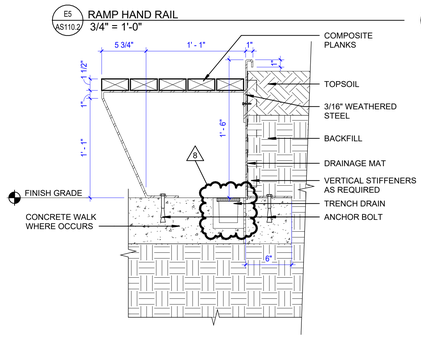


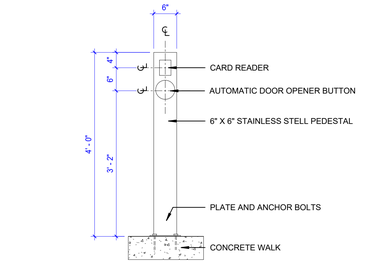
D5 AS110.2 PLANTER SECTION AT SEAT
1 1/2" = 1'-0"



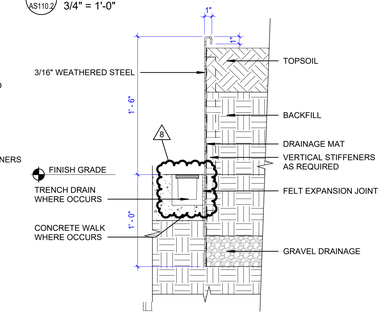
E5 AS110.2 RAMP HAND RAIL
3/4" = 1'-0"



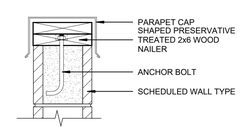
D6 AS110.2 PLANTER SECTION
1 1/2" = 1'-0"



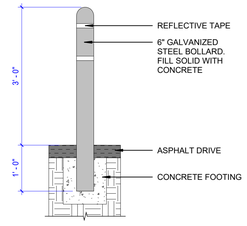
E6 AS110.2 DOOR OPENER PEDESTAL
3/4" = 1'-0"

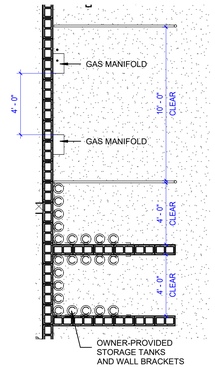


C5 AS110.2 GAS STORAGE WALL CAP
1 1/2" = 1'-0"



C6 AS110.2 BOLLARD
3/4" = 1'-0"





A2 AS110.2 ENLARGED GAS STORAGE
1/4" = 1'-0"

A3 AS110.2 RAMP PLAN
1/4" = 1'-0"

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PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
8	2024-12-05	BP-2 ADDENDUM #01

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILLDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

DAVISTECH
DAVIS TECHNICAL COLLEGE

STATE OF UTAH
JEFFREY D. [illegible]
9142[illegible]-0301
LICENSED ARCHITECT

ARCHITECTURAL SITE DETAILS

AS110.2

GENERAL NOTES

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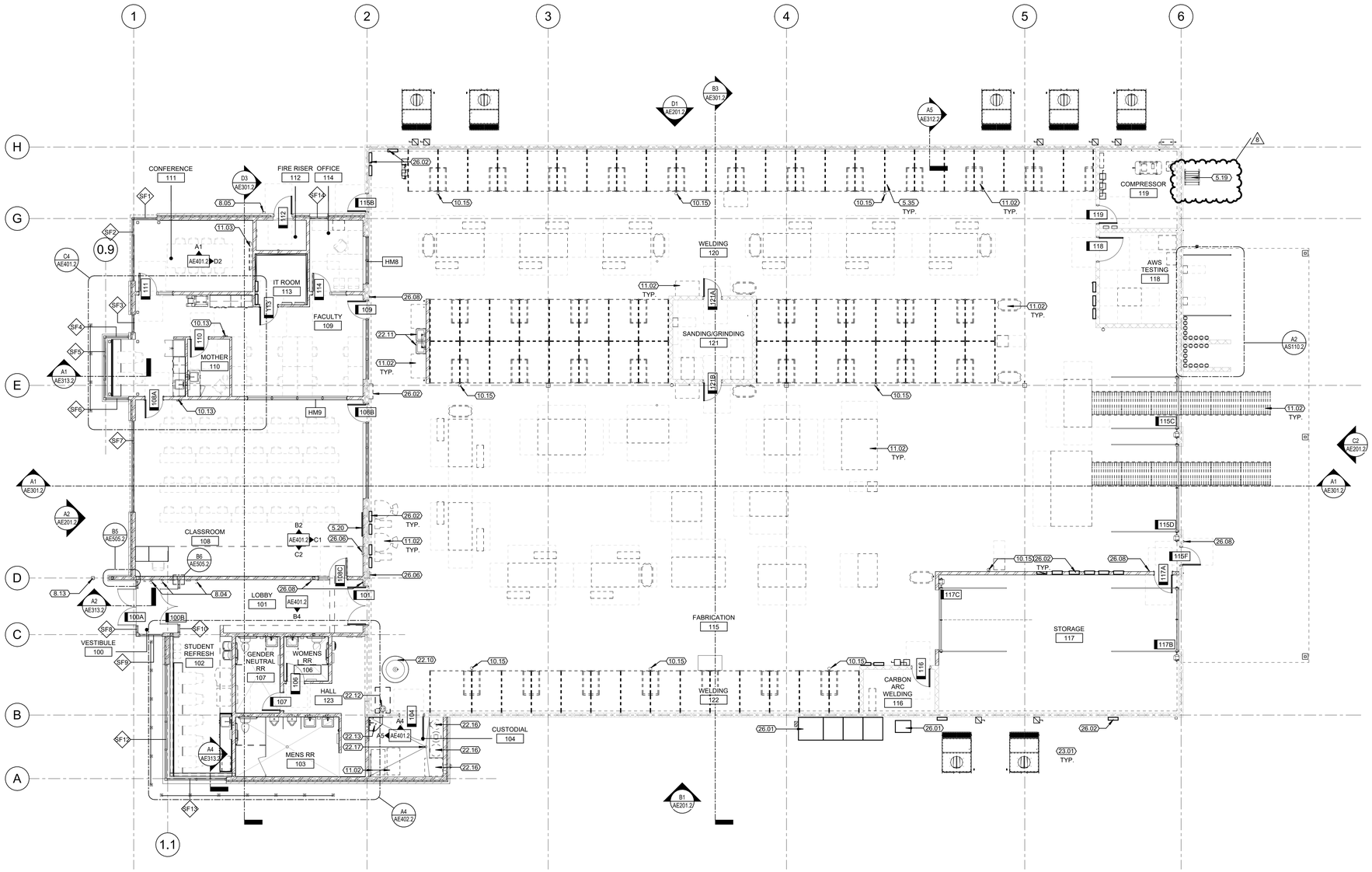

KEYNOTES

5.19	ROOF ACCESS LADDER. SEE LADDER DETAILS.
5.20	HOT-ROLLED 22 GA. STEEL DISPLAY BOARD
5.35	WELDING BOOTH
8.04	AUTOMATIC DOOR OPERATOR
8.05	KNOX BOX
8.13	PEDESTAL AUTOMATIC DOOR OPERATOR AND CARD READER
10.13	FIRE EXTINGUISHER CABINET
10.15	FIRE EXTINGUISHER
11.02	SHOP EQUIPMENT. SEE EQUIPMENT SCHEDULE.
11.03	OFCI FLAT SCREEN
22.10	HAND WASH FOUNTAIN
22.11	MATERIAL WASH SINK
22.12	EYE WASH STATION
22.13	FLOOR SINK
22.16	PLUMBING EQUIPMENT
22.17	FLOOR DRAIN
23.01	MECHANICAL EQUIPMENT
26.01	ELECTRICAL EQUIPMENT
26.02	ELECTRICAL PANEL
26.06	STUDENT CHECK-IN
26.08	CARD READER

A1 / AE101.2 LEVEL 1 FLOOR PLAN
1/8" = 1'-0"

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CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
8	2024-12-05	BP-2 ADDENDUM #01

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILLDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

DAVISTECH
DAVIS TECHNICAL COLLEGE

STATE OF UTAH
JEFFREY D. ENGER
9142235-0301
LICENSED ARCHITECT

LEVEL 1 FLOOR PLAN

AE101.2

ROOM FINISH SCHEDULE

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL TILE	WALL FINISHES	CEILING	TRIM	MILLWORK	COUNTERTOP	COMMENTS
104	CUSTODIAL	FC1	BR1		P1	P4	P2			
103	MENS RR	FC1	WT1		WT1	P4	P2			
106	WOMENS RR	FC1	WT1	WT1, WT2	WT1	P4	P2			
107	GENDER NEUTRAL RR	FC1	WT1	WT1, WT2	WT1	P4	P2			
102	STUDENT REFRESH	FC1	BR1		P1	P4	P2		CT1	
101	LOBBY	FC1	BS1		P1	P4	P2			
108	CLASSROOM	FC1	BR1		P1	P4	P2			
110	MOTHER	FC1	BR1		P1	P4	P2		CT1	
109	FACULTY	FC1	BR1		P1	P4	P2		CT1	
111	CONFERENCE	FC1	BR1		P1	P4	P2			
112	FIRE RISER	FC1			P1	P4	P2			
113	IT ROOM	FC1	BR1		P1	P4	P2			
114	OFFICE	FC1	BR1		P1	P4	P2			
117	STORAGE	FC1			P1	P4	P2			
118	AWS TESTING	FC1			P1	P4	P2			
119	COMPRESSOR	FC1			P1	P4	P2			
116	CARBON ARC WELDING	FC1			P1	P4	P2			
121	SANDING/GRINDING	FC1			P1	P4	P2			
100	VESTIBULE	CW1	BS1		P1	P4	P2			
115	FABRICATION	FC1			P1	P4	P2			
120	WELDING	FC1			P1	P4	P2			
122	WELDING	FC1			P1	P4	P2			
123	HALL	FC1	B1		P1					

FINISH LEGEND

KEY	DESCRIPTION	MANUFACTURER	STYLE/PATTERN	COLOR/FINISH	SIZE	NOTES
FLOOR FINISHES						
CW1	WALKOFF CARPET	SHAW	BON JOUR II TILE STEPPING OUT	STERLING 31557	24X24	
FC1	DENSIFIED CONCRETE	ASHFORD	CURE - DENSIFIER	NATURAL		
BASE FINISHES						
BR1	RUBBER BASE	ROPPE	STANDARD TOE BASE	123 CHARCOAL	6" H x 1/8"	
BS1	STEEL BASE			HOT ROLLED STEEL	6" H	
BS1-ALT	RUBBER BASE	ROPPE	CANDID PV4060	123 CHARCOAL	4-1/4" H x 3/8"	
WALL FINISHES						
FRP	FRP	MARLITE	SYMMETRIX- SUBWAY SS917	WHITE PNL W/ GREY GROUT		
P1	PAINT	SHERWIN WILLIAMS		CUSTOM COLOR/SATIN		B-7.5, A-22.5 J-1Y15 F-2.5
P2	PAINT	SHERWIN WILLIAMS		SW 7076 CYBERSPACE/ SEMI GLOSS		DOOR TRIM & DOORS
P3	PAINT	SHERWIN WILLIAMS		SW 6594 POINSETTIA		
WC1	WALLCOVERING	KOROSEAL	WALLTALKER MAG-RITE 48	WHITE M248-00	48"	
WT1	WALL TILE	DALTILE	REKINDLE	LIGHT GREY RK12	12x24	GROUT MAPEI 5011 SAHARA BEIGE
WT2	WALL TILE	DALTILE	COLOR WHEEL CLASSICS	MATTE CURRANT SH17	6x18	GROUT MAPEI 5011 SAHARA BEIGE
CEILING						
P4	PAINTED	SHERWIN WILLIAMS		CUSTOM COLOR		B-7.5, A-22.5 J-1Y15 F-2.5
MISC FINISHES						
CG1	CORNER GUARDS			HOT ROLLED STEEL	4' TALL	
CT1	COUNTERTOP			HOT ROLLED STEEL		
HM1	HOLLOW METAL DOOR			P3		
PA1	PARTITION	ASI	FLOOR MOUNTED OVERHEAD BRACES	STAINLESS STEEL	58"	
PA2	PARTITION	ASI	WALL HUNG PRIVACY SCREEN	STAINLESS STEEL		
TS1	TRANSITION STRIP					
WD1	SOLID WOOD DOOR					
WD2	SOLID WOOD		BIRCH	CLEAR FINISH		FOR BENCH
WV1	WOOD VENEER	MASONITE ARCHITECTURAL	ASPIRO SERIES	WHITE BIRCH PLAIN SLICE CLEAR		

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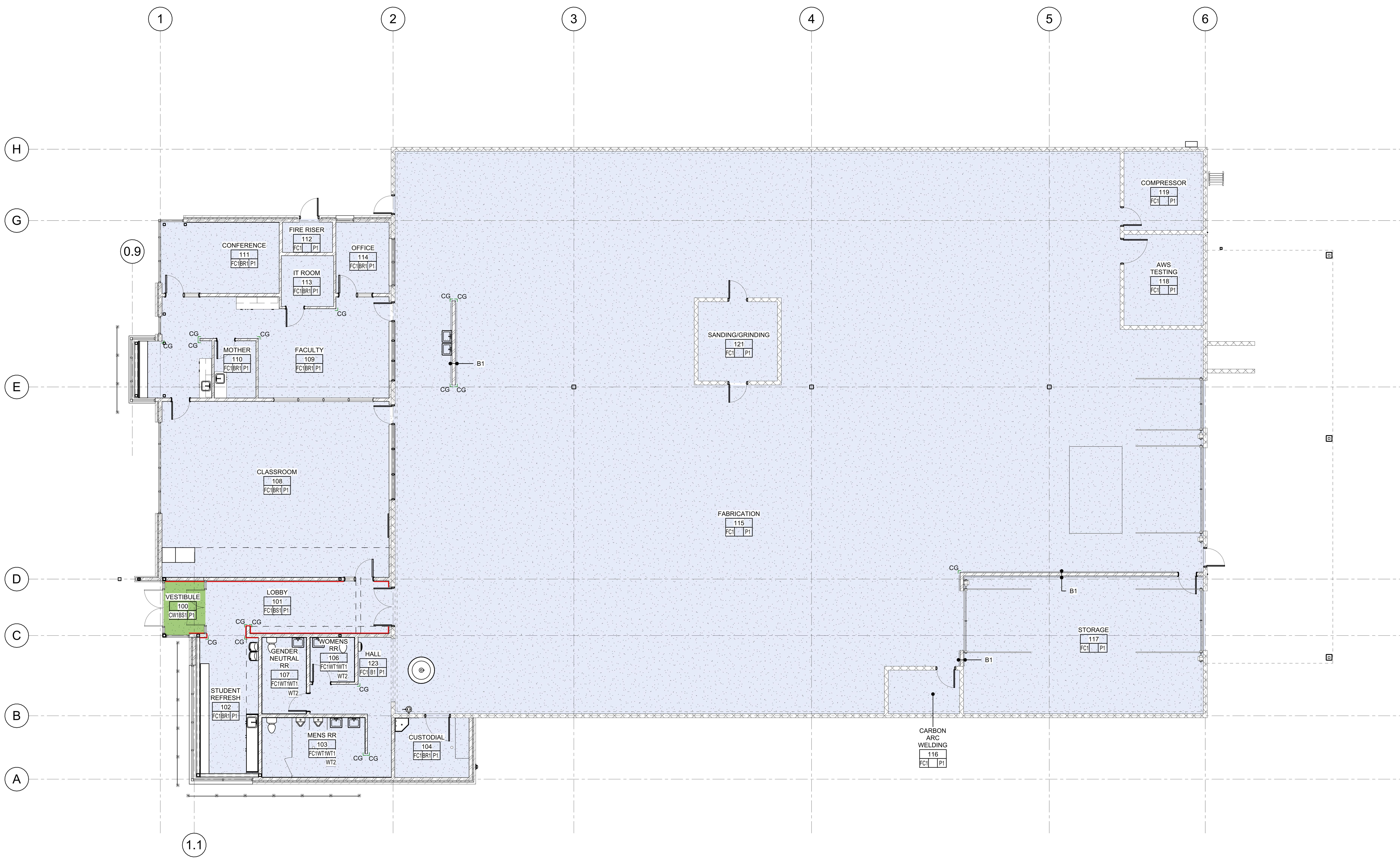
FINISH LEGEND

DENSIFIED CONCRETE	FC1
WALKOFF CARPET	CW1
EXTENTS OF STEEL BASE	
ALUMINUM THRESHOLD	
STAINLESS STEEL CORNER GUARD	CG
FINISH KEY LEGEND	ROOM NUMBER 000; F (FLOOR FINISH), B (BASE FINISH), W (WALL FINISH)

KEYNOTES



A1 AE151.2 LEVEL 1 FINISH PLAN
1/8" = 1'-0"

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
8	2024-12-05	BP-2 ADDENDUM #01

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILLDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

DAVISTECH
DAVIS TECHNICAL COLLEGE

STATE OF UTAH
LICENSED ARCHITECT

LEVEL 1 FLOOR FINISH PLAN
AE151.2

GENERAL NOTES

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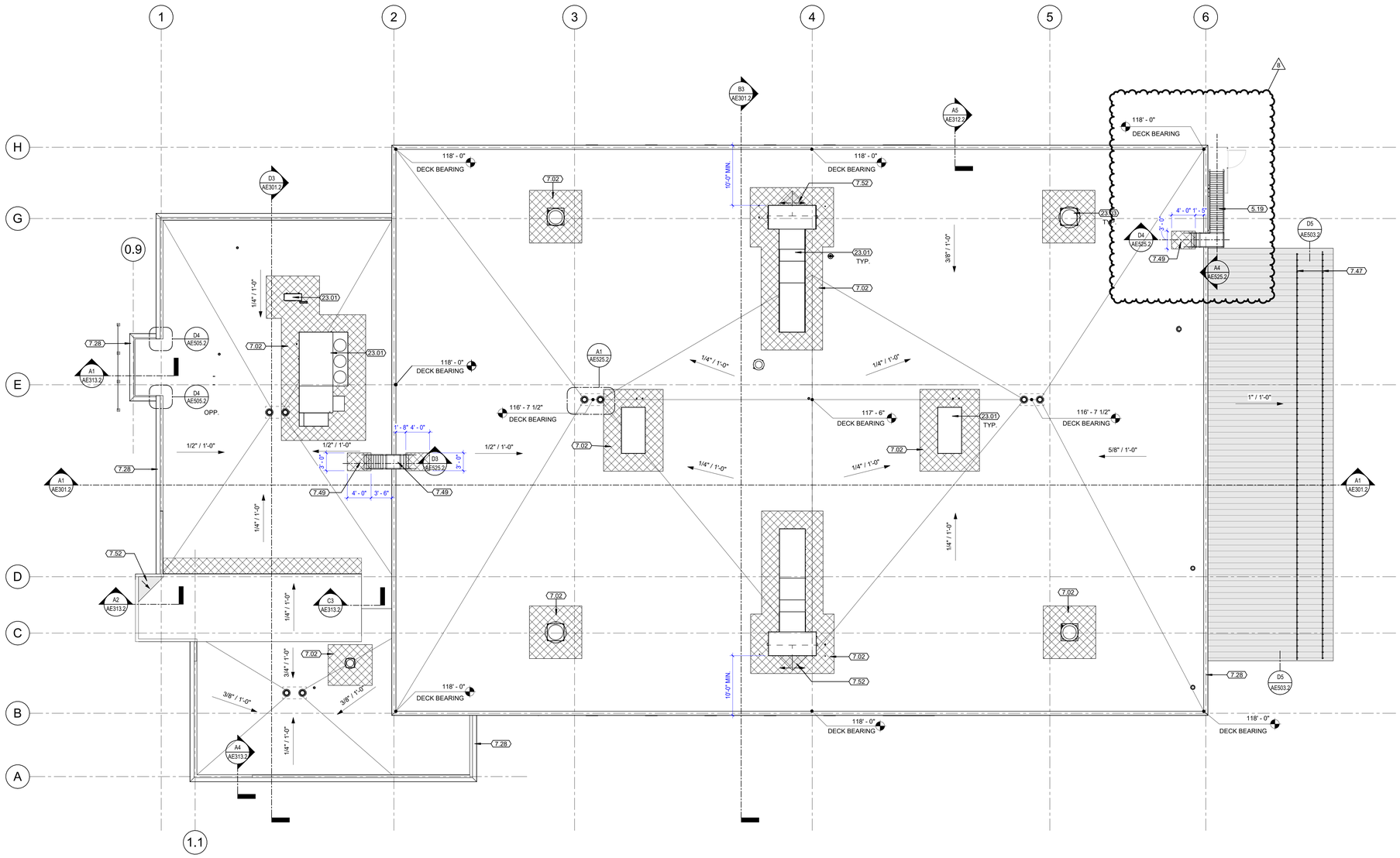

ROOF PLAN LEGEND

ROOF TYPE R1	
ROOF TYPE R2	
WALK PAD	
ROOF DRAIN	

KEYNOTES

5.19	ROOF ACCESS LADDER. SEE LADDER DETAILS.
7.02	3" WIDE MIN. ROOF WALK PAD ARPOUND SERVICEABLE EQUIPMENT
7.28	PARAPET CAP
7.47	SNOW FENCE
7.49	ROOF WALK PAD
7.52	ROOF CRICKET. SLOPE 1/4" PER FOOT AT VALLEY.
23.01	MECHANICAL EQUIPMENT
23.03	MECHANICAL EXHAUST

A1 AE191.2 ROOF PLAN
1/8" = 1'-0"

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
8	2024-12-05	BP-2 ADDENDUM #01

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILLDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

DAVISTECH
DAVIS TECHNICAL COLLEGE

STATE OF UTAH
JEFFREY D. BIRD
9142[illegible]-0301
LICENSED ARCHITECT

ROOF PLAN
AE191.2

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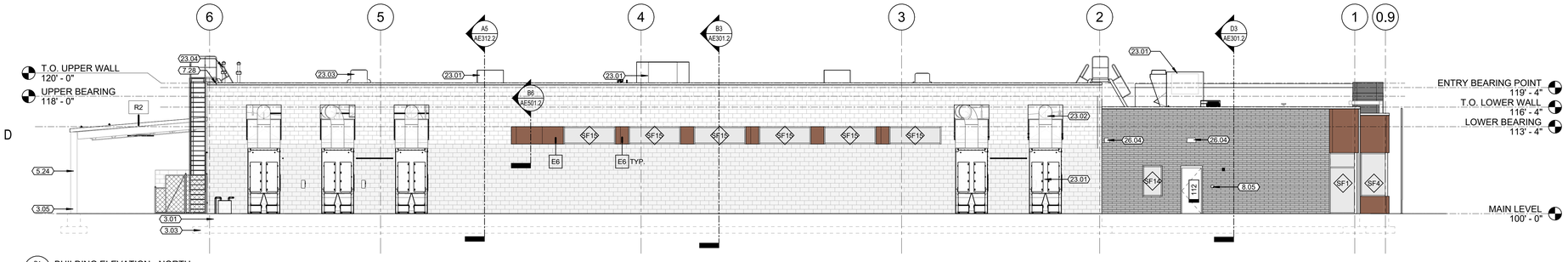
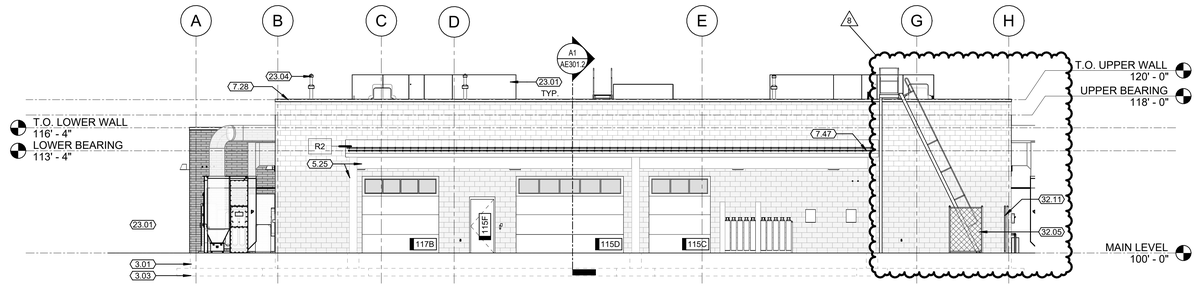
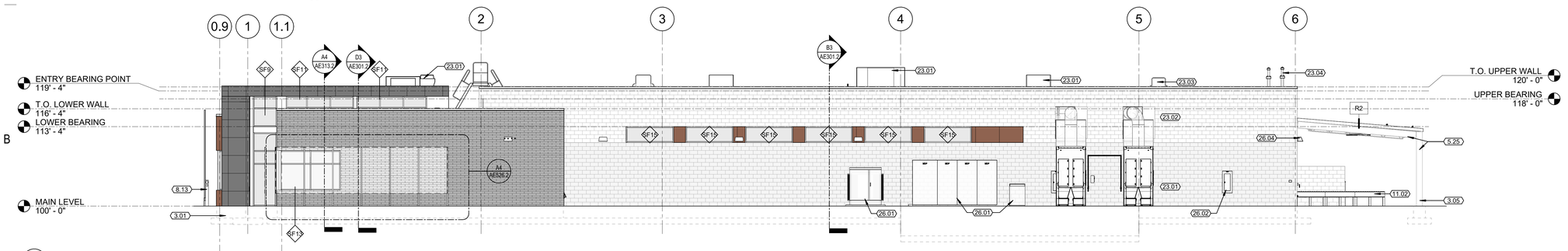


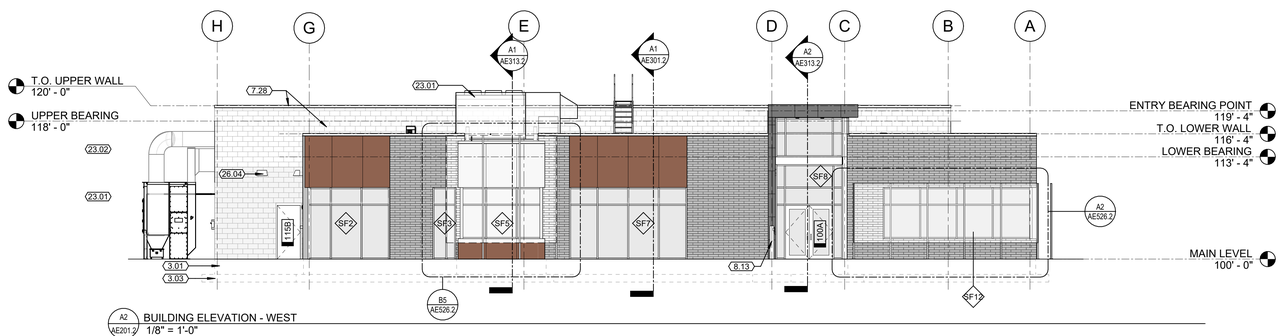
D1 AE201.2 BUILDING ELEVATION - NORTH
1/8" = 1'-0"



C2 AE201.2 BUILDING ELEVATION - EAST
1/8" = 1'-0"



B1 AE201.2 BUILDING ELEVATION - SOUTH
1/8" = 1'-0"



A2 AE201.2 BUILDING ELEVATION - WEST
1/8" = 1'-0"

GENERAL NOTES

- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND SHALL REPORT TO THE ARCHITECT ANY UNKNOWN CONDITIONS, ERRORS OR CONFLICT IN THE DRAWINGS BEFORE BEGINNING WORK.
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LEGEND

EMPEROR BRICK COLOR SUNROC 'MIDNIGHT BLACK'	
ACM PANEL	
WEATHERED STEEL	

KEYNOTES

3.01	CONCRETE FOUNDATION WALL
3.03	CONCRETE FOOTING
3.05	CONCRETE PIER
5.24	STRUCTURAL COLUMN
5.25	EXTERIOR PAINTED STEEL
7.28	PARAPET CAP
7.47	SNOW FENCE
8.05	KNOX BOX
8.13	PEDESTAL AUTOMATIC DOOR OPERATOR AND CARD READER
11.02	SHOP EQUIPMENT. SEE EQUIPMENT SCHEDULE.
23.01	MECHANICAL EQUIPMENT
23.02	MECHANICAL DUCT
23.03	MECHANICAL EXHAUST
23.04	MECHANICAL VENT PIPE
26.01	ELECTRICAL EQUIPMENT
26.02	ELECTRICAL PANEL
26.04	LIGHT FIXTURE
32.05	72" HIGH CHAIN-LINK FENCE
32.11	72" HIGH CHAIN-LINK FENCE 3'-0" LOCKABLE MAN GATE

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
8	2024-12-05	BP-2 ADDENDUM #01

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

DAVISTECH
DAVIS TECHNICAL COLLEGE

STATE OF UTAH
JEFFREY D. [illegible]
9142[illegible]-0301
LICENSED ARCHITECT

BUILDING ELEVATIONS
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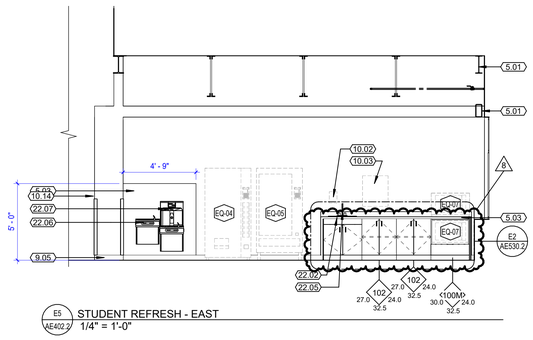
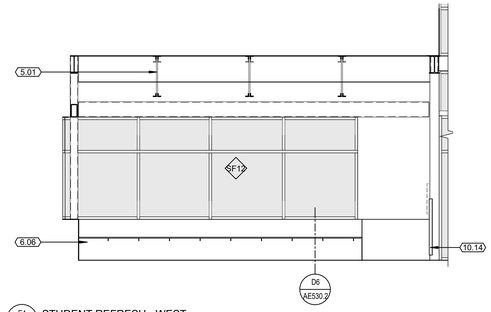
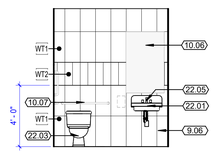


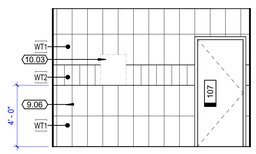
E5 AE402.2 STUDENT REFRESH - EAST
1/4" = 1'-0"



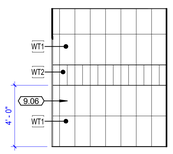
E4 AE402.2 STUDENT REFRESH - WEST
1/4" = 1'-0"



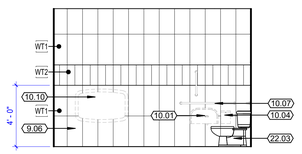
D2 AE402.2 UNISEX RESTROOM - NORTH
1/4" = 1'-0"



D3 AE402.2 UNISEX RESTROOM - EAST
1/4" = 1'-0"



D4 AE402.2 UNISEX RESTROOM - SOUTH
1/4" = 1'-0"



D5 AE402.2 UNISEX RESTROOM - WEST
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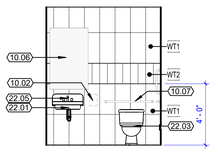

C2 AE402.2 WOMENS RESTROOM - NORTH
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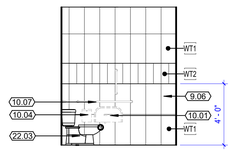

C3 AE402.2 WOMENS RESTROOM - EAST
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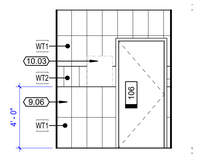

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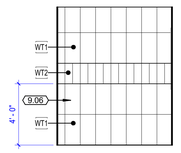

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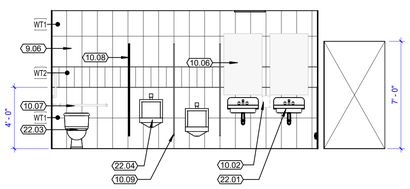

B1 AE402.2 MENS RESTROOM - NORTH
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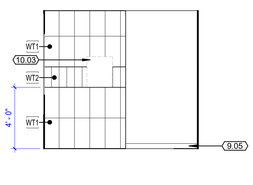

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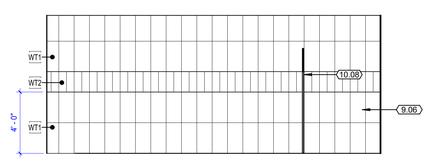
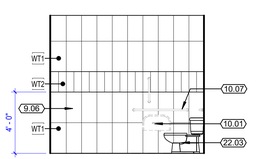
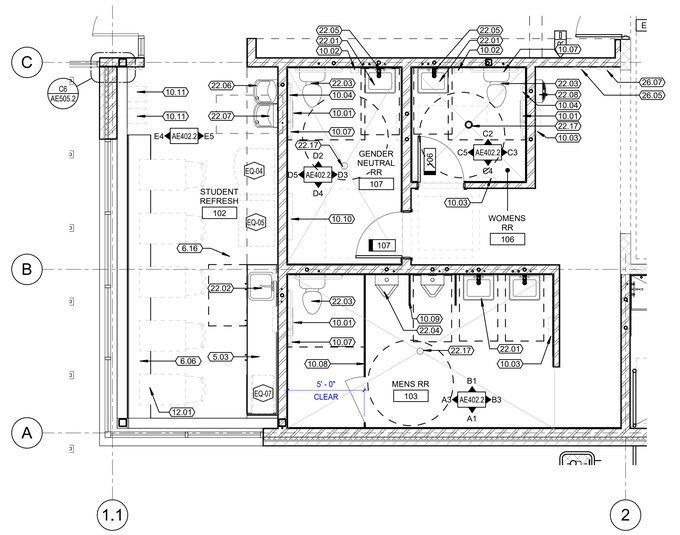
1/4" = 1'-0"



A1 AE402.2 MENS RESTROOM - SOUTH
1/4" = 1'-0"



A3 AE402.2 MENS RESTROOM - WEST
1/4" = 1'-0"



A4 AE402.2 ENLARGED SOUTHWEST CORNER
1/4" = 1'-0"

GENERAL NOTES

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KEYNOTES

5.01	STRUCTURAL FRAMING. PAINT.
5.03	HOT-ROLLED 22 GA. STEEL
6.06	STEEL SUPPORTED PLYWOOD BENCH
6.16	30"X48" CLEAR FLOOR SPACE CENTERED ON SINK
9.05	BASE
9.06	WALL TILE
10.01	OFOI TOILET PAPER DISPENSER
10.02	OFOI SOAP DISPENSER
10.03	OFOI PAPER TOWEL DISPENSER
10.04	OFOI SANITARY NAPKIN DISPOSAL
10.06	MIRROR
10.07	GRAB BAR
10.08	TOILET PARTITION
10.09	URINAL PARTITION
10.10	DIAPER CHANGING STATION
10.11	OFOI WASTE RECEPTACLE
10.14	HOT-ROLLED 22 GA. STEEL CORNER GUARD
12.01	OFOI FURNITURE
22.01	PORCELAIN SINK
22.02	STAINLESS STEEL SINK
22.03	TOILET
22.04	URINAL
22.05	FAUCET
22.06	DRINKING FOUNTAIN
22.07	DRINKING FOUNTAIN COMBINATION BOTTLE FILLER
22.08	BOTTLE FILLER
22.17	FLOOR DRAIN
26.05	TIME CLOCK
26.07	KEY BOX

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PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
8	2024-12-05	BP-2 ADDENDUM #01

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILDLING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

DAVISTECH
DAVIS TECHNICAL COLLEGE

ENLARGED PLANS AND INTERIOR ELEVATIONS

AE402.2

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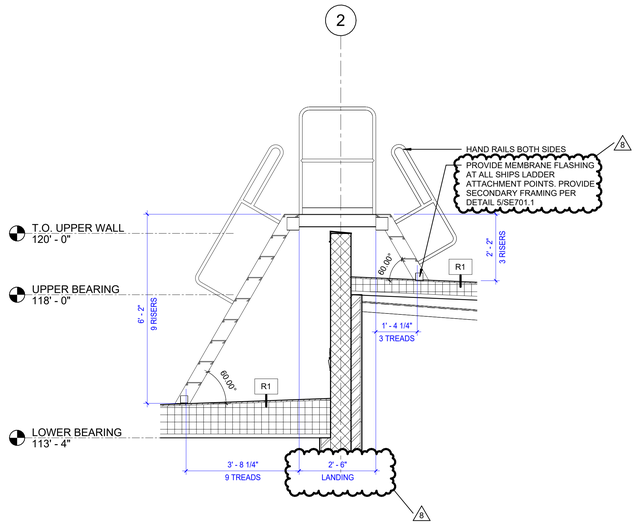
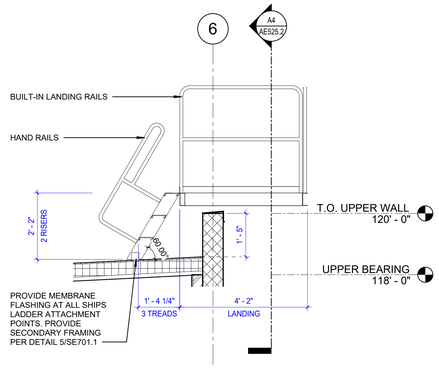


D3 AE525.2 PARAPET LADDER SECTION
1/2" = 1'-0"



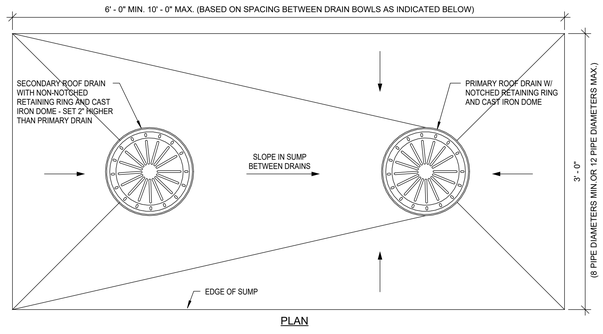
D4 AE525.2 PARAPET LADDER SECTION
1/2" = 1'-0"

NOTES:

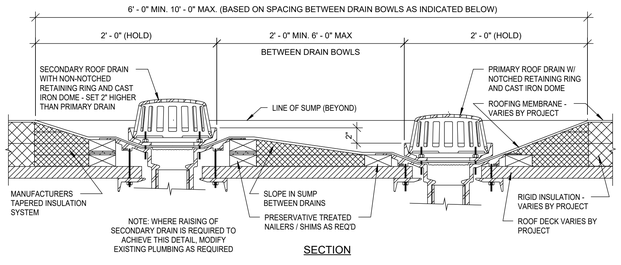
ANY EXTG. DRAIN LINES THAT ARE CLOGGED WITH DEBRIS, BALLAST, LEAVES ETC. SHALL BE CLEANED OUT AND ARE TO BE VERIFIED TO BE IN GOOD WORKING ORDER

USE MANUFACTURER'S TAPERED INSULATION PANELS TO CREATE PRIMARY DRAIN SUMPS - NO HAND CUT INSULATION WILL BE ALLOWED

WHERE EXISTING PLASTIC DRAIN DOMES OCCUR, REPLACED WITH NEW CAST IRON DOMES

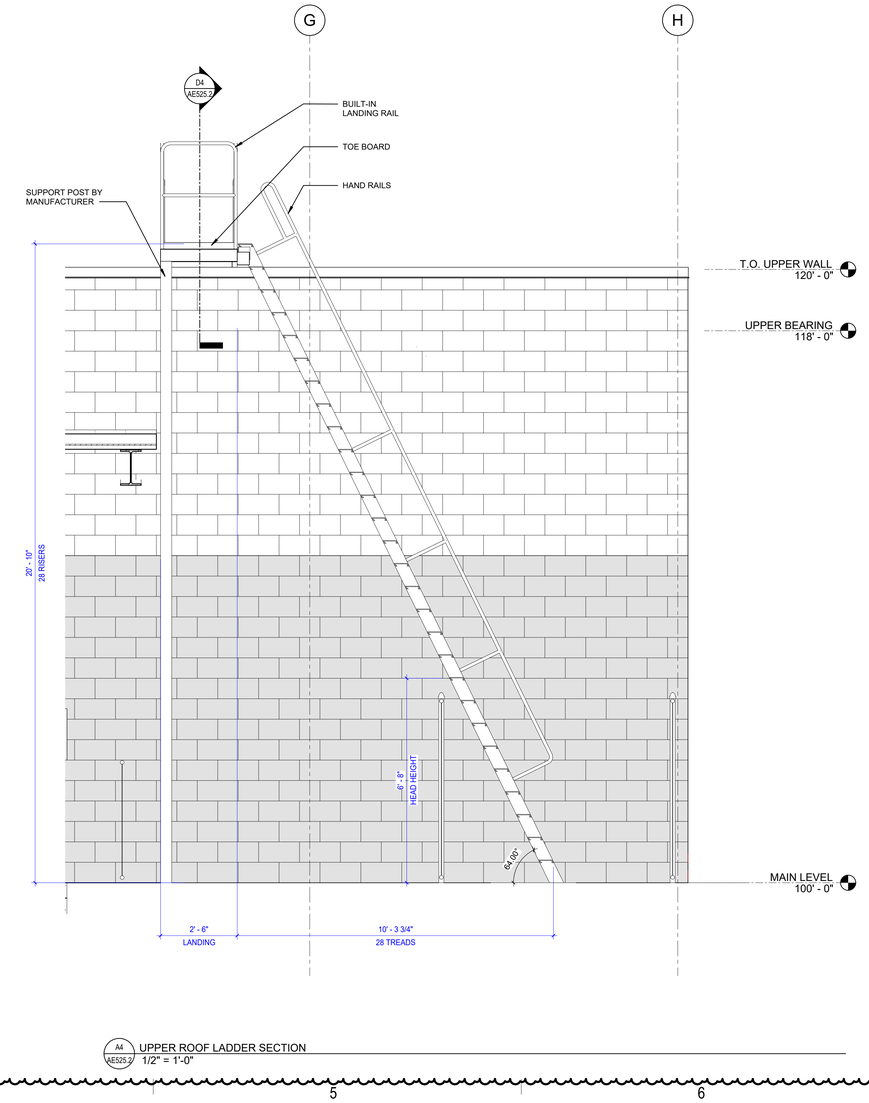


PLAN



SECTION

A1 AE525.2 ROOF DRAIN
1 1/2" = 1'-0"



A4 AE525.2 UPPER ROOF LADDER SECTION
1/2" = 1'-0"

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PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

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8	2024-12-05	BP-2 ADDENDUM #01

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

DAVISTECH
DAVIS TECHNICAL COLLEGE

LADDER AND ROOF DETAILS
AE525.2

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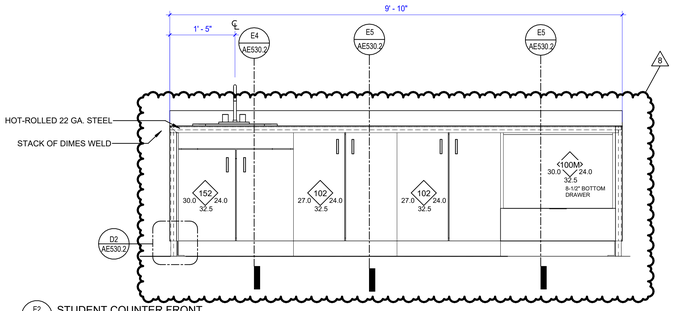
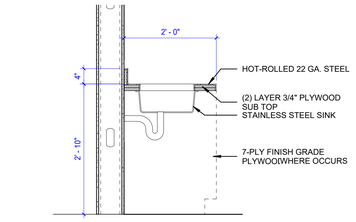
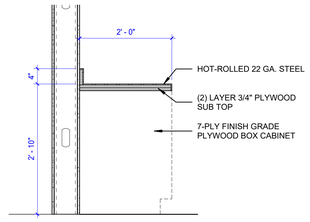


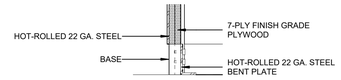
E2 AE530.2 STUDENT COUNTER FRONT
3/4" = 1'-0"



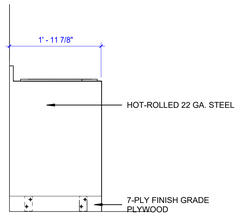
E4 AE530.2 SECTION
3/4" = 1'-0"



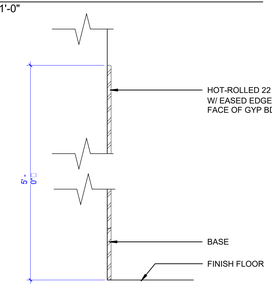
E5 AE530.2 SECTION
3/4" = 1'-0"



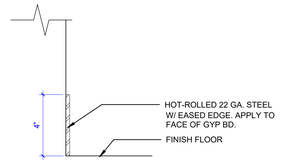
D2 AE530.2 FLOOR ATTACHMENT
1 1/2" = 1'-0"



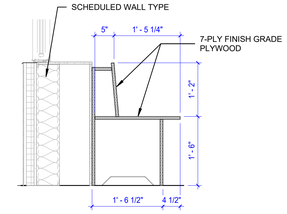
D3 AE530.2 SIDE ELEVATION
3/4" = 1'-0"



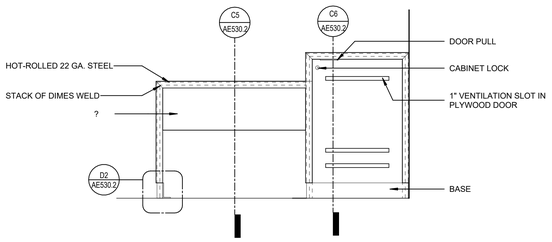
D4 AE530.2 STEEL BACKSPLASH
3" = 1'-0"



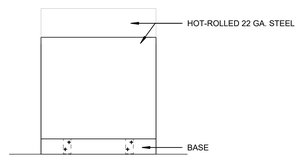
D5 AE530.2 STEEL BASE
3" = 1'-0"



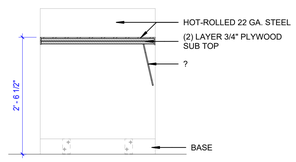
D6 AE530.2 BENCH SECTION
3/4" = 1'-0"



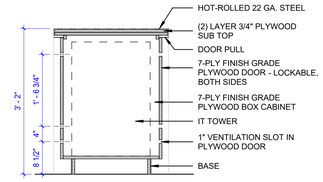
C2 AE530.2 INSTRUCTORS PODIUM ELEVATION
3/4" = 1'-0"



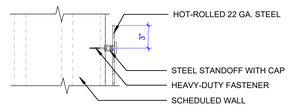
C4 AE530.2 INSTRUCTORS STATION SIDE
3/4" = 1'-0"



C5 AE530.2 INSTRUCTORS STATION SECTION
3/4" = 1'-0"



C6 AE530.2 INSTRUCTORS STATION SECTION
3/4" = 1'-0"



B6 AE530.2 JOB BOARD WALL CONNECTION
1 1/2" = 1'-0"

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

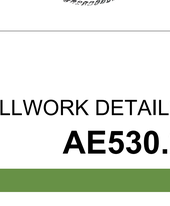
REVISIONS

NO.	DATE	DESCRIPTION
8	2024-12-05	BP-2 ADDENDUM #01

DAVIS TECHNICAL COLLEGE
WELDING TECHNOLOGY BUILLDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

DAVISTECH
DAVIS TECHNICAL COLLEGE



MILLWORK DETAILS
AE530.2

12/5/2024 6:30:12 PM

HEATH
Engineering Company

Addendum No. 001

Issued: **12/5/2024**

Project Name: **Davis Technical College Welding Technology Building**

Addendum No. 05 to the Construction Contract for the above referenced project:

All Contractors submitting proposals on the above captioned project shall be governed by the following changes and explanations to the Bid Documents, and shall submit their bids in accordance therewith:

Plumbing

P1.1 Reference Sheet PL112.2 - PLUMBING PLAN – WATER, GAS & COMPRESSED AIR

a. Moved water entry location and modified domestic cold water pipe size and routing.

P1.2 Reference Sheet PL402.2 – ENLARGED PLUMBING PLAN

a. Moved water entry location to custodial room 104 and modified domestic cold water pipe size and routing.

P1.3 Reference Sheet PL601.2 – DOMESTIC WATER FLOW DIAGRAM

a. Modified domestic cold water flow diagram to show new water entry location and modified domestic cold water pipe size and routing.

Mechanical

M1.1 Reference Sheet MH003.2 - MECHANICAL SCHEDULES

a. Spark Cooler Schedule Updated.

M1.2 Reference Sheet MH112.2 - LEVEL 1 MECH PLAN - EXTRACTOR

a. Spark Coolers SC-1 through SC-5 and SC-7 removed per owner's direction.

Attachments

1. Drawing set 24076-PLUM-DTECH Welding Building – BP2 ADD1.pdf
2. Drawing set 24076-MECH-DTECH Welding Building - BD2 ADD 1.pdf
3. Prior approval letter DTECH Welding MP Add01 Prior Approval.pdf

End of Addendum

Davis Technical College Welding Technology Building
12/5/2024

Addendum No. 001

PRIOR APPROVALS -DIVISIONS 22 AND 23

The following manufacturers, vendors, etc., are noted in compliance with the Instructions to Bidders.

Furnish only equipment and materials from among those listed in the specifications or in this prior approval list. Any furnished item shall comply with the criteria and character of the basic specification, fully adapted to the actual project conditions. Costs of accommodating equipment which varies from that indicated shall be the responsibility of the Contractor.

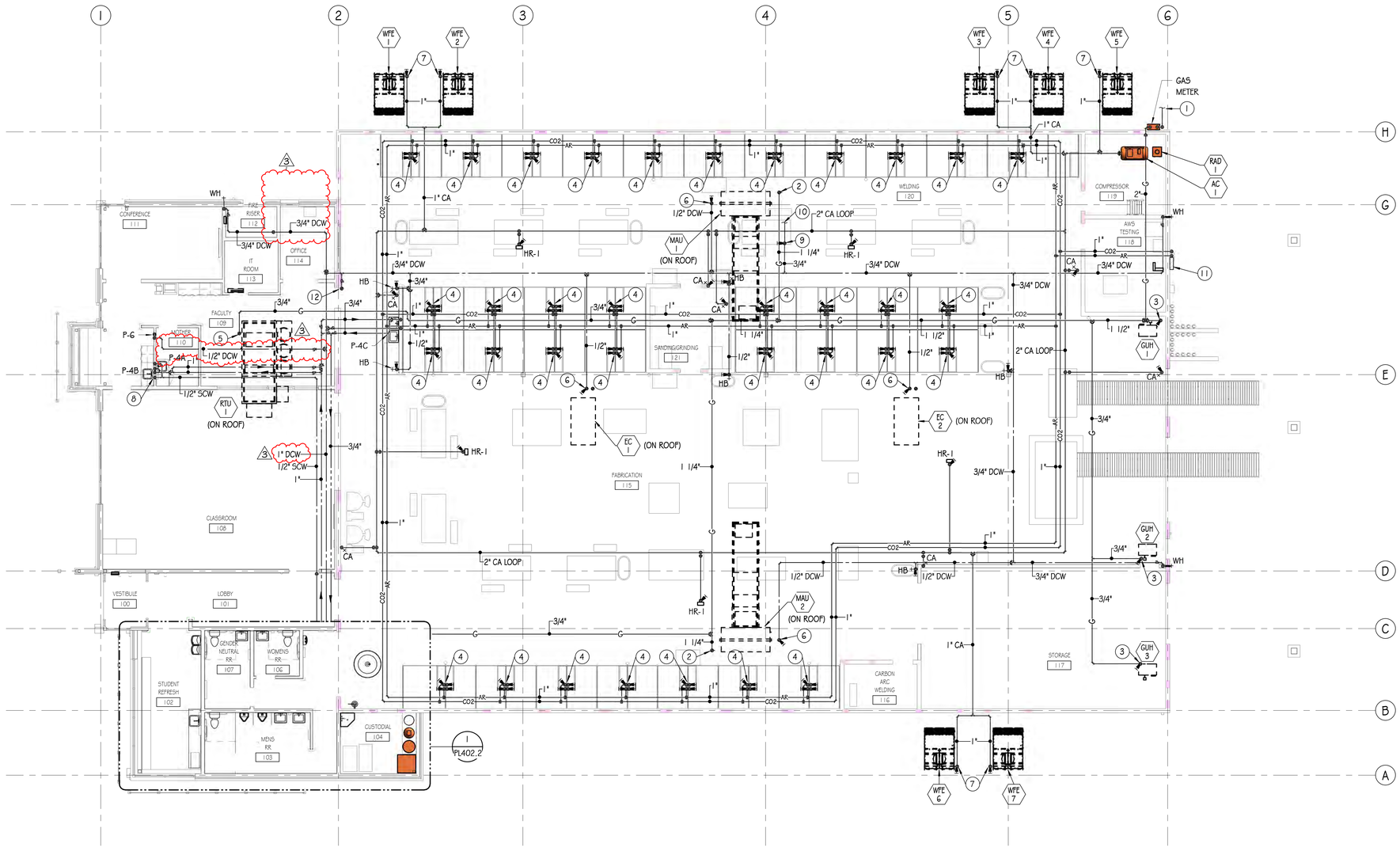
These items shall be reflected in the bid breakdown form as indicated.

Section	Description	Manufacturer
221100	Expansion Tank	Bell & Gossett
22 3436	Water Heaters	Lochinvar
23 0514	Electric Heaters	Berko
23 3300	Dampers, Duct Access Doors High Efficiency Take-Off	United Enertech Hercules, Air Rite

END OF PRIOR APPROVAL- ADDENDUM NO. 001

DRAWING NOTES

NOTE #	DESCRIPTION
1	SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION.
2	RISE 1-1/4" GAS UP THROUGH ROOF TO CONNECT TO UNIT ON ROOF ABOVE. SEE PL121.2 FOR CONTINUATION.
3	CONNECT 3/4" GAS TO EQUIPMENT PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND PER DETAIL 9/PL501.
4	DROP 1/2" CO2 AND AR WELDING GAS DOWN ON WALL. SEE DETAIL 5/PL502.
5	RISE 3/4" GAS UP THROUGH ROOF TO CONNECT TO UNIT ON ROOF ABOVE. SEE PL121.2 FOR CONTINUATION.
6	RISE 1/2" DCW UP THROUGH ROOF TO CONNECT TO UNIT ON ROOF ABOVE. SEE PL121.2 FOR CONTINUATION AND DETAIL 9/PL502.2.
7	CONNECT 1" CA TO FUME EXTRACTOR PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND PER DETAIL 9/PL501.
8	EXTEND 1/2" DCW LINE UNDER COUNTER SPACE AND CONNECT TO CARBON FILTER BEFORE CONNECTING WATER LINE TO SECONDARY FAUCET.
9	RISE 3/4" DCW UP THROUGH ROOF AND CONNECT TO ROOF HYDRANT (RH). SEE DETAIL 10/PL502.
10	1/2" DRAIN FROM ROOF HYDRANT (RH). SEE PL111.2 FOR CONTINUATION.
11	CONNECT CO2 AND AR PIPING TO OWNER PROVIDED MANIFOLD MOUNTED STACKED ON WALL. CONNECT PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
12	RISE 3/4" DCW UP THROUGH ROOF AND CONNECT TO WALL HYDRANT (WH). SEE PL121.2 FOR CONTINUATION.



PLUMBING PLAN - WATER, GAS & COMPRESSED AIR

1 / PL112.2 SCALE: 1/8" = 1'-0"

10 5 0 10 20

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
3	11.22.24	BP2 ADD 1

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

PLUMBING PLAN - WATER, GAS & COMPRESSED AIR

PL112.2

(801) 355-5915

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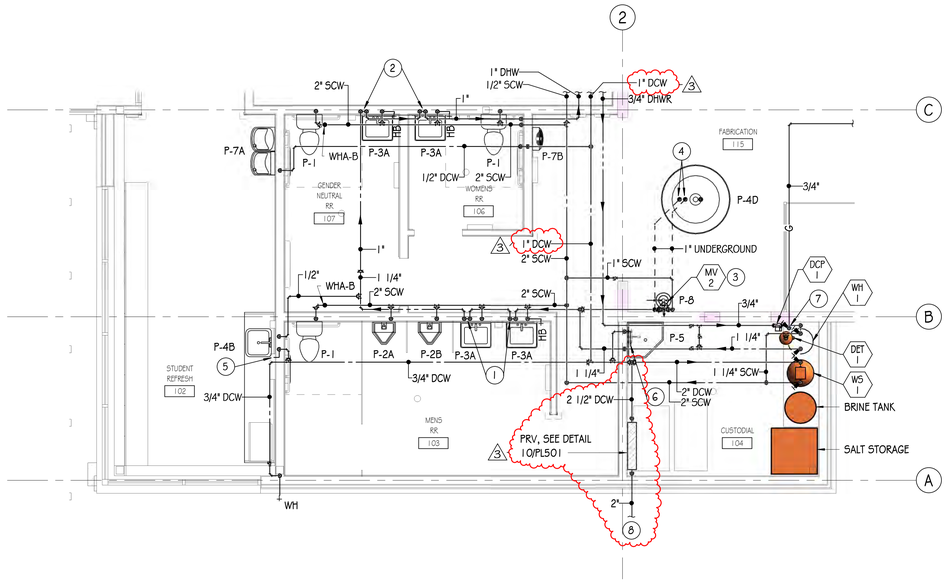
DRAWING NOTES

NOTE #	DESCRIPTION
1	DROP 1-1/4" DHW LOOP DOWN IN WALL TO WITHIN 2 FEET OF LAVATORY AND RISE 1-1/4" DHW LOOP UP IN WALL AND ROUTE AS SHOWN.
2	DROP 1" DHW LOOP DOWN IN WALL TO WITHIN 2 FEET OF LAVATORY AND RISE 1" DHW LOOP UP IN WALL AND ROUTE AS SHOWN.
3	DROP 1" DHW AND 1" DCW DOWN ON WALL. CONNECT TO MIXING VALVE (MV-2) MOUNTED HIGH ON WALL AND CONTINUE DROPPING 1" DHW AND 1" DCW DOWN TO BELOW FLOOR. CONNECT TEPID WATER TO EYEWASH PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
4	RISE WATER PIPING UP FROM UNDER FLOOR AND CONNECT TO WASH SINK (P-4D) PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
5	EXTEND 1/2" DCW LINE UNDER COUNTER SPACE AND CONNECT TO CARBON FILTER BEFORE CONNECTING WATER LINE TO SECONDARY FAUCET.
6	EXTEND 1/2" DCW TO BACKFLOW PREVENTER (BFP-1) FOR CUSTODIAL SOLUTION STATION CONNECTION. SEE DETAIL 8/PL502.
7	DROP 3/4" GAS TO CONNECT TO WATER HEATER PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
8	SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION.



1 PL402.2 ENLARGED PLUMBING PLAN - WATER

SCALE: 1/4" = 1'-0"

5 2.5 0 5 10

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
3	11.22.24	BP2 ADD 1

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

LICENSED PROFESSIONAL ENGINEER
No. 270895
ROBERT JACK KESLER
STATE OF UTAH

ENLARGED PLUMBING PLAN

PL402.2

(801) 355-5915

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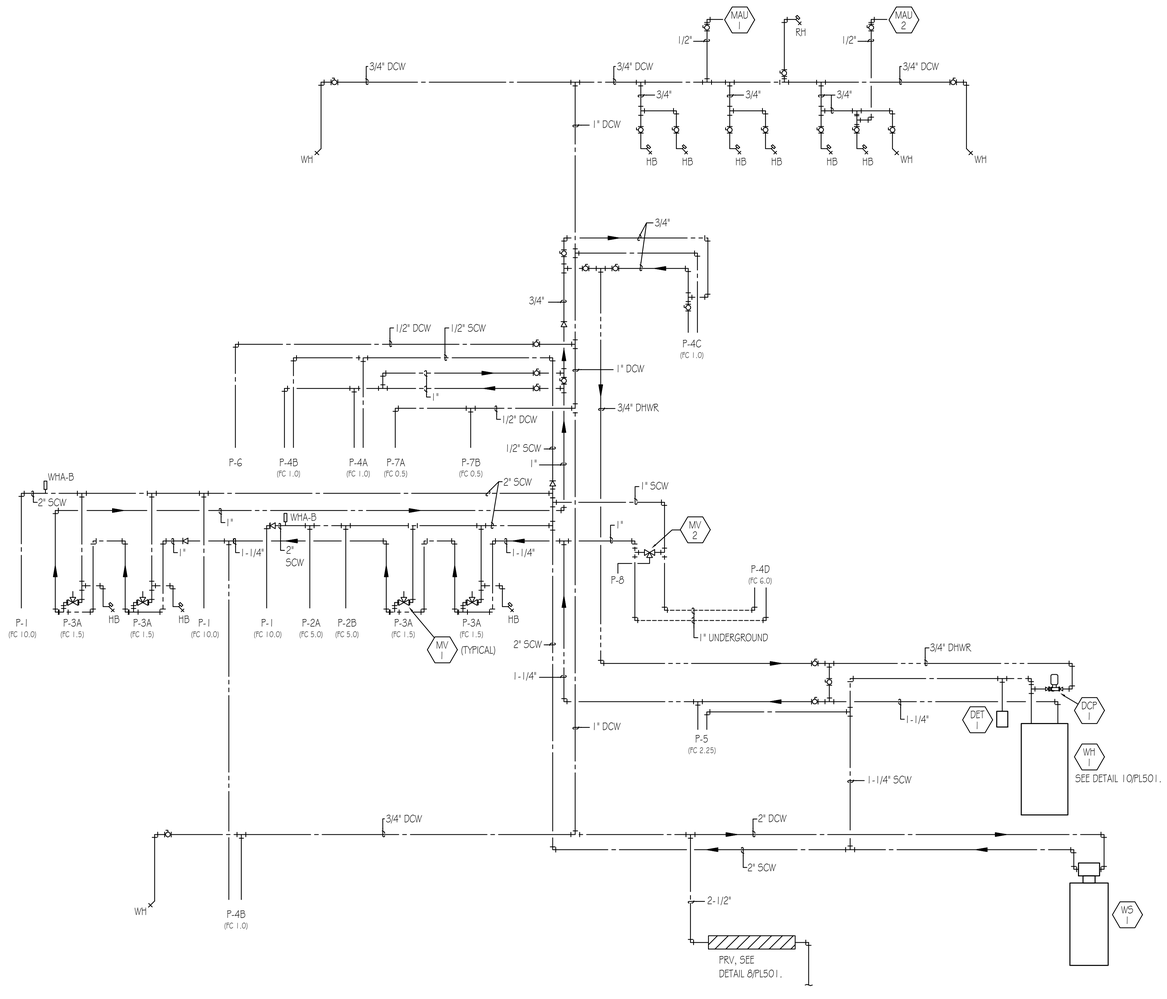

3 1/PL601.2 **DOMESTIC WATER FLOW DIAGRAM**
SCALE: NONE

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PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
3	11.22.24	BP2 ADD 1

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

LICENSED PROFESSIONAL ENGINEER
No. 270896
ROBERT JACK KESLER
STATE OF UTAH

DOMESTIC WATER FLOW DIAGRAM

PL601.2

(801) 355-5915

11/20/2024 9:28:53 AM

GRILLE AND DIFFUSER SCHEDULE

SYMBOL	NOM. FACE SIZE	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
S-1	12"x12"	SURFACE MOUNT	TITUS	OMNI	PROVIDE RAPID FRAME MOUNT
S-2	VARIES	SIDEWALL	TITUS	300RL	-
S-3	-	DRUM LOUVER	TITUS	DL	-
S-4	-	HIGH CAPACITY VENT. MODULE	TITUS	TVM-6	10,000 CFM CAPACITY - 21"x15" OUTLET SIZE x 6
R-1	VARIES	SIDEWALL	TITUS	25RL	FIXED DEFLECTION
T-1	VARIES	CEILING	TITUS	25RL	FIXED DEFLECTION
T-2	VARIES	SIDEWALL	TITUS	25RL	FIXED DEFLECTION
E-1	12"x12"	SURFACE MOUNT	TITUS	25RL	FIXED DEFLECTION
E-2	12"x8"	SIDEWALL	TITUS	25RL	FIXED DEFLECTION

SEE SPECIFICATION SECTION 233713

MOTORIZED DAMPERS

SYMBOL	SIZE (IN)		BLADE ORIENTATION	MANUFACTURER	MODEL	NORMAL POSITION	SERVICE	LEAKAGE CLASS	LOCATION	REMARKS
	WIDTH	HEIGHT								
MD-1	24	24	OPPOSED	GREENHECK	VCD-43	CLLOSED	REF-1 ISOLATION	1A-3CFM/SQFT	REF-1 ROOF CURB	-
MD-2	34	34	OPPOSED	GREENHECK	VCD-43	CLLOSED	REF-2 ISOLATION	1A-3CFM/SQFT	REF-2 ROOF CURB	-
MD-3	34	34	OPPOSED	GREENHECK	VCD-43	CLLOSED	REF-3 ISOLATION	1A-3CFM/SQFT	REF-3 ROOF CURB	-
MD-4	24	24	OPPOSED	GREENHECK	VCD-43	CLLOSED	REF-4 ISOLATION	1A-3CFM/SQFT	REF-4 ROOF CURB	-
MD-5	10	10	OPPOSED	GREENHECK	VCD-43	CLLOSED	REF-5 ISOLATION	1A-3CFM/SQFT	REF-5 ROOF CURB	-
MD-6	10	10	OPPOSED	GREENHECK	VCD-43	CLLOSED	REF-6 ISOLATION	1A-3CFM/SQFT	REF-6 ROOF CURB	-
MD-7	27	27	OPPOSED	GREENHECK	VCD-43	CLLOSED	EC-1 ISOLATION	1A-3CFM/SQFT	EC-1 SUPPLY DUCT AT ROOF PLANE	-
MD-8	27	27	OPPOSED	GREENHECK	VCD-43	CLLOSED	EC-2 ISOLATION	1A-3CFM/SQFT	EC-2 SUPPLY DUCT AT ROOF PLANE	-

SEE SPECIFICATION SECTION 233300

WELDING FUME EXTRACTOR

SYMBOL	AIRFLOW - CFM		ELECTRICAL					MANUFACTURER	MODEL	DUTY	REMARKS
	MINIMUM	MAXIMUM	HP	INPUT AMPS	VOLTS	HETRZ	PHASE				
WFE-1	4,000	10,500	30	40.5	460	60	3	MILLER	FILTAIR 12000	WEST-CENTRAL WELDING BOOTHS	-
WFE-2	4,000	10,500	30	40.5	460	60	3	MILLER	FILTAIR 12000	PROJECT WORK TABLES	-
WFE-3	4,000	10,500	30	40.5	460	60	3	MILLER	FILTAIR 12000	NORTHWEST WELDING BOOTHS	-
WFE-4	4,000	10,500	30	40.5	460	60	3	MILLER	FILTAIR 12000	NORTHEAST WELDING BOOTHS	-
WFE-5	4,000	10,500	30	40.5	460	60	3	MILLER	FILTAIR 12000	EAST-CENTRAL WELDING BOOTHS	-
WFE-6	4,000	10,500	30	40.5	460	60	3	MILLER	FILTAIR 12000	SOUTH WELDING BOOTHS	-
WFE-7	4,000	10,500	30	40.5	460	60	3	MILLER	FILTAIR 12000	EXTRACTION HOODS	-

SPARK COOLER

SYMBOL	DIA (IN)	MANUFACTUER	MODEL	SERVICE	FABRICATION MATERIAL	REMARKS
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
SC-6	24"Ø	MILLER	SC-24-C-4	WFE-6	PAINTED CARBON STEEL	-
-	-	-	-	-	-	-

1

EXTRACTION HOOD

SYMBOL	HOOD SIZE (FT)		MANUFACTUER	MODEL	SERVICE	OUTLET SIZE	REMARKS
	WIDTH	HEIGHT					
EH-1	6'	8'	MILLER	LOW PROFILE MODULAR HOOD	TRACK CUTTER	10"Ø	-
EH-2	5'	7'	MILLER	LOW PROFILE MODULAR HOOD	SMALL CUTTING TABLE	10"Ø	-
EH-3	7'	7'	MILLER	LOW PROFILE MODULAR HOOD	CUTTING TABLE	10"Ø	-
EH-4	6'	9'	MILLER	LOW PROFILE MODULAR HOOD	PLASMA TABLE	10"Ø	-
EH-5	4'	6'	MILLER	LOW PROFILE MODULAR HOOD	LASER CUTTER	10"Ø	-
EH-6	7'	7'	MILLER	LOW PROFILE MODULAR HOOD	CARBON ARC WELDING	10"Ø	-

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
1	2024-12-05	BP2 ADD 1

HEATH
Engineering Company

DAVIS TECHNICAL COLLEGE
WELDING TECHNOLOGY BUILDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

PROFESSIONAL ENGINEER
10408342
JEFFREY BRIAN ANDERSON
07/24/25
STATE OF UTAH

MECHANICAL SCHEDULES

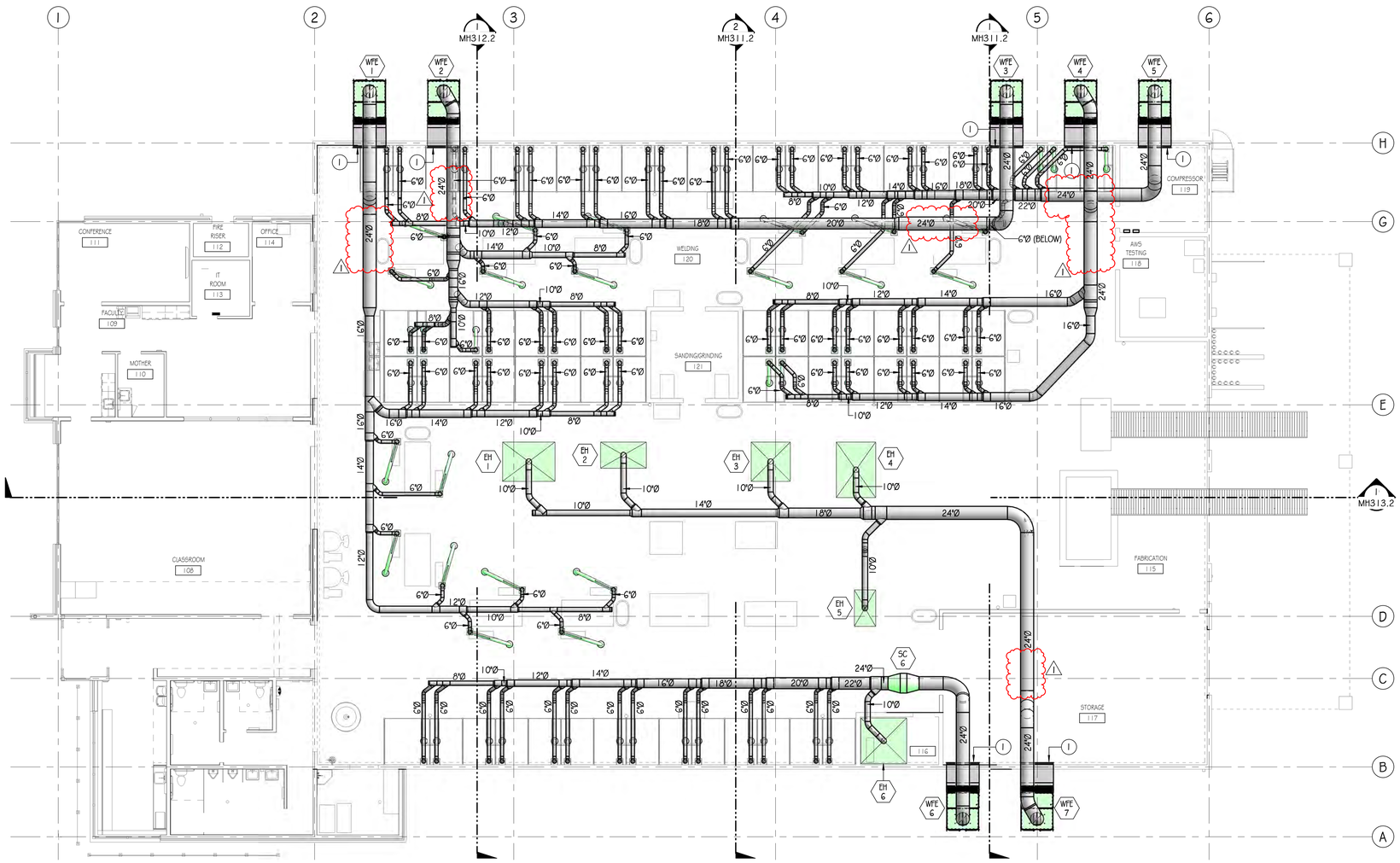
MH003.2

(801) 355-5915

12/5/2024 2:39:35 PM

DRAWING NOTES

1	5-3	10,500 CFM, 60"x36" NECK, SUPPLY AIR DIFFUSER. PROVIDE TRIM PIECE TO SEAL AROUND DUCT OPENING.



LEVEL 1 MECHANICAL PLAN - EXTRACTOR SYSTEM

1 / MH112.2 SCALE: 1/8" = 1'-0"

10 5 0 10 20

CRSA

PROJECT **24-038**

BID PACKAGE #2 2024-11-01

REVISIONS

NO.	DATE	DESCRIPTION
1	2024-12-05	BP2 ADD 1

HEATH
Engineering Company

DAVIS TECHNICAL COLLEGE WELDING TECHNOLOGY BUILDING

355 SOUTH 650 EAST
KAYSVILLE, UT 84037

PROFESSIONAL ENGINEER
10403362
JEFFREY BRIAN ANDERSON
01/31/25
STATE OF UTAH

LEVEL 1 MECH PLAN - EXTRACTOR

MH112.2

(801) 355-5915

12/5/2024 2:40:10 PM