

August 29, 2025

ADDENDUM #01

TO CONTRACT DOCUMENTS FOR: PROJECT #CP250051 – Agriculture Engineering Building – Rms 164/166 Fermentation Lab Renovation

ADVERTISEMENT DATE: 08/14/2025

PREPARED FOR: The Curators of the University of Missouri

CONSULTANT: Planning, Design & Construction
University of Missouri
130 General Services Building
(573) 882-6800

The contract documents for the above noted project and the work covered thereby and herein modified.

GENERAL INFORMATION:

- 1) Any contractor wanting to use a product by a manufacturer not listed as approved in the project specifications must submit written documentation including all supporting data per Section 3.13 in the General Conditions for review prior to approval.
- 2) **CLARIFICATION:** New CWS/CWR piping for the new AHU will be connected to existing mains located above the accessible drop ceiling in the corridor shown from previous As-Built drawings.
- 3) **CLARIFICATION:** As-Built drawings show the floor drains to be JOSAM 30000A with 5-inch bronze top strainers. Contractor shall verify.
- 4) **CLARIFICATION:** HTST/RETORT equipment will not require dedicated floor drains besides what is shown on the current floor plans. Condensate coolers will be provided as part of the project, however requirements for final provided equipment by owner shall be coordinated.
- 5) **CLARIFICATION:** Glycol chiller dropdown lines to terminate with stainless steel threaded outlets. General contractor to provide and install flexible piping long enough for owner, who will be responsible for connecting piping to tanks.
- 6) **CLARIFICATION:** General contractor is responsible to coordinate with Culligan and owner's construction manager on the estimated downtime from removing the equipment to reinstallation, as well as laying out the equipment with Culligan's assistance in order to determine the exact required extent of the housekeeping pad.

- 7) **CLARIFICATION:** Any equipment on top of the large blue steel structure being demolished, in Room 168, is to be disconnected, removed and returned to/coordinated with owner's representative.
- 8) **CLARIFICATION:** VFD information can be found on electrical and mechanical drawings, as well as specification section 262923. Specific electrical requirements are to be confirmed with owner furnished equipment since some requirements are unknown at this time.
- 9) Glycol Chiller cut sheet and fermentation tank photos attached for reference.

PROJECT MANUAL:

- 1) Specification Section 233100 – DUCTWORK
Paragraph 2.2: MATERIAL AND APPLICATION SPECIFIC: C. Exposed Ductwork: 1.
DELETE: j. All insulation shall be internal, except at reheat coils.

DRAWINGS:

- 1) Drawing D100 – DEMOLITION PLANS
REMOVE: Entire Sheet.
ADD: New Sheet D100.
CLARIFICATION: Extent of floor demolition in Room 168 was extended to incorporate underfloor plumbing for new sink.
Floor drain notes in Room 168 revised.
Added paint removal note.
- 2) Drawing D800 – DEMOLITION PHOTOGRAPHS
REMOVE: Entire Sheet.
ADD: New Sheet D800.
CLARIFICATION: Added paint removal note.
- 3) Drawing A100 – FLOOR PLANS
REMOVE: Entire Sheet.
ADD: New Sheet A100.
CLARIFICATION: Floor drain notes in Room 168 revised.
Equipment installation notes revised.
- 4) Drawing A220 – BUILDING SECTIONS
REMOVE: Entire Sheet.
ADD: New Sheet A220.
CLARIFICATION: Removed unnecessary model elements that appeared as part of the visual rendering study.
Equipment installation notes revised.

5) Drawing A600 – INTERIOR ELEVATIONS

REMOVE: Entire Sheet.

ADD: New Sheet A600.

CLARIFICATION: Removed unnecessary model elements that appeared as part of the visual rendering study.
Equipment installation notes revised.

6) Drawing A601 – INTERIOR ELEVATIONS

REMOVE: Entire Sheet.

ADD: New Sheet A601.

CLARIFICATION: Removed unnecessary model elements that appeared as part of the visual rendering study.
Equipment installation notes revised.

7) Drawing S100 – STRUCTURAL DETAILS

REMOVE: Entire Sheet.

ADD: New Sheet S100.

CLARIFICATION: Extent of new concrete in Room 168 was extended to incorporate underfloor plumbing for new sink.

8) Drawing P101 – LEVEL 01 & 02 PLANS - PIPING

REMOVE: Entire Sheet.

ADD: New Sheet P101.

CLARIFICATION: Removed existing floor drain in Room 168.
Demo piping and note added in Room 168.
Revised Keynote 1 with added existing drain information.
New Keynote 18.
Added FS-1 tag in Room 168.

9) Drawing P200 – LEVEL 01 & 02 PLANS - PIPING

REMOVE: Entire Sheet.

ADD: New Sheet P200.

CLARIFICATION: Added FS-1 tag in Room 168.

10) Drawing M101 – LEVEL 01 & 02 PLANS - PIPING

REMOVE: Entire Sheet.

ADD: New Sheet M101.

CLARIFICATION: Keynote 4 revised for contractor to coordinate with owner on flexible piping requirements.
Keynote 5 revised to indicate piping connections to be above accessible ceiling.
New Keynote 13.
Demo Unit Heater equipment and note added in Room 168.

11) Drawing E000 – ELECTRICAL COVERSHEET

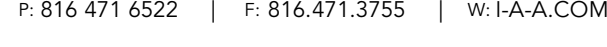
REMOVE: Entire Sheet.

ADD: New Sheet E000.

CLARIFICATION: Removed reference to VFD Schedule.

ATTACHMENTS: D100, D800, A100, A220, A600, A601, S100, P101, P200, M101, E000,
Glycol Chiller cut sheet, purchased Fermentation Tank photos

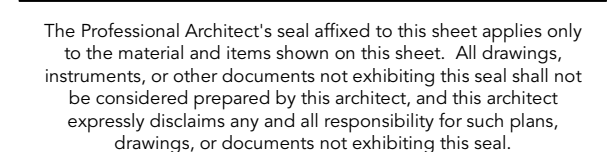
END OF ADDENDUM #01



KANSAS CITY, MO 64111
PH: 816 531 4144



SEAL:



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Y27



TANK ROOM 166A WEST PHOTO | Y16



TANK ROOM 166A SW PHOTO | Y6

- ## PLAN NOTES
- 1 REMOVE EXISTING CONCRETE FLOOR TO EXTENTS SHOWN. COORDINATE EXACT DIMENSIONS IN ROOM 168 WITH REQUIREMENTS OF NEW TRENCH DRAIN INSTALLATION. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - 2 REMOVE EXISTING WALL BASE AND ADHESIVE WITHIN ROOM INDICATED ON PLANS. PREPARE WALL SURFACE FOR NEW INTEGRATED FLOORING COVE BASE.
 - 3 ABRASE CONCRETE FLOOR SURFACES AND REMOVE ANY SEALERS OR COATINGS. PREPARE FLOOR TO RECEIVE NEW FLOORING. REFER TO PUNCH INDICATOR PER PRODUCT MANUFACTURER'S RECOMMENDATIONS. PROTECT ALL ADJACENT EXISTING WALL BASES AND FLOOR MOUNTED/INSERTED FIXTURES THAT ARE TO REMAIN DURING THE ABRASION PROCESS.
 - 4 REMOVE EXISTING STEEL STRUCTURE, LADDER, HARDWARE, AND ALL ASSOCIATED FRAME ANCHORAGE MATERIALS.
 - 5 REMOVE EXISTING DOOR, DOOR FRAME, HARDWARE, AND ALL ASSOCIATED FRAME ANCHORAGE MATERIALS.
 - 6 REMOVE EXISTING DOOR, DOOR FRAME, HARDWARE, AND ALL ASSOCIATED FRAME ANCHORAGE MATERIALS. PREPARE OPENING FOR INFILL.
 - 7 REMOVE AND SALVAGE WATER TREATMENT EQUIPMENT FOR RELOCATION. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - 8 REMOVE AND SALVAGE EMERGENCY EYE WASH AND SHOWER EQUIPMENT AND DELIVER TO OWNERS' REPRESENTATIVE. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - 9 REMOVE EXISTING HOLLOW METAL FRAME, GLAZING AND ALL ASSOCIATED ANCHORAGE MATERIALS. PREPARE OPENING FOR INFILL.
 - 10 REMOVE EXISTING AREA DRAIN GRAVE COVER.
 - 11 REMOVE EXISTING AREA DRAIN COVER AND DRAIN BODY. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - 12 REMOVE EXISTING PLUMBING FIXTURE. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - 13 REMOVE EXISTING STEEL ANGLE, SUPPORTS, HARDWARE, AND ALL ASSOCIATED FRAME ANCHORAGE MATERIALS.
 - 14 REMOVE EXISTING WALL TRIM.
 - 15 REMOVE AND SALVAGE FIRE EXTINGUISHER AND CABINET FOR REINSTALLATION AT LOCATION SHOWN ON NEW WORK FLOOR PLAN.

R27



TANK ROOM 166A NE PHOTO | R16



TANK ROOM 166A NORTH PHOTO

J27



OPEN ROOM 168 EAST PHOTO | J16

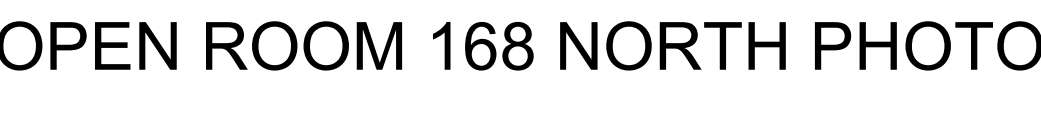


OPEN ROOM 168 NORTH DOOR PHOTO | J6

B27



OPEN ROOM 168 WEST PHOTO | B16



OPEN ROOM 168 NORTH PHOTO | B6

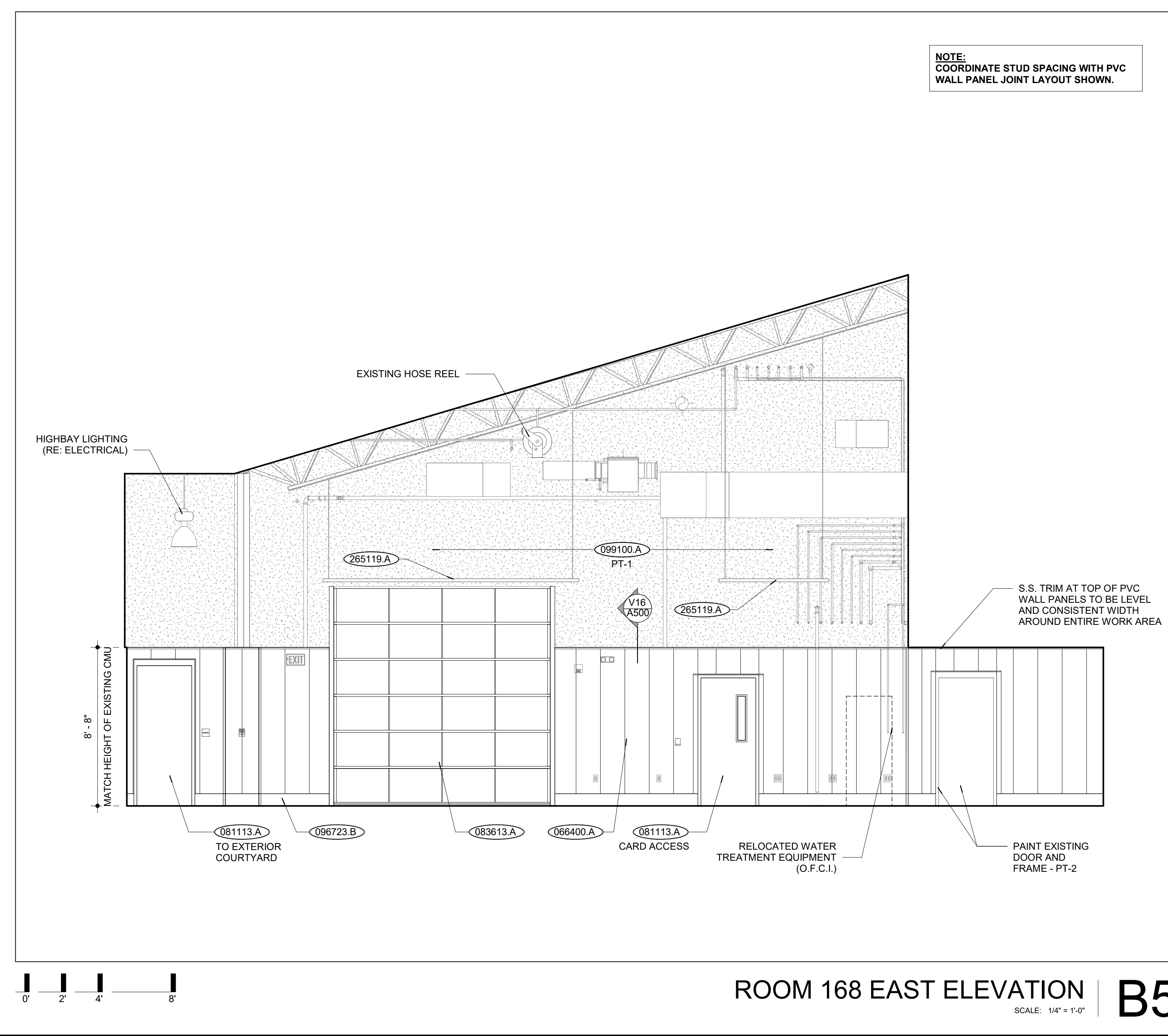
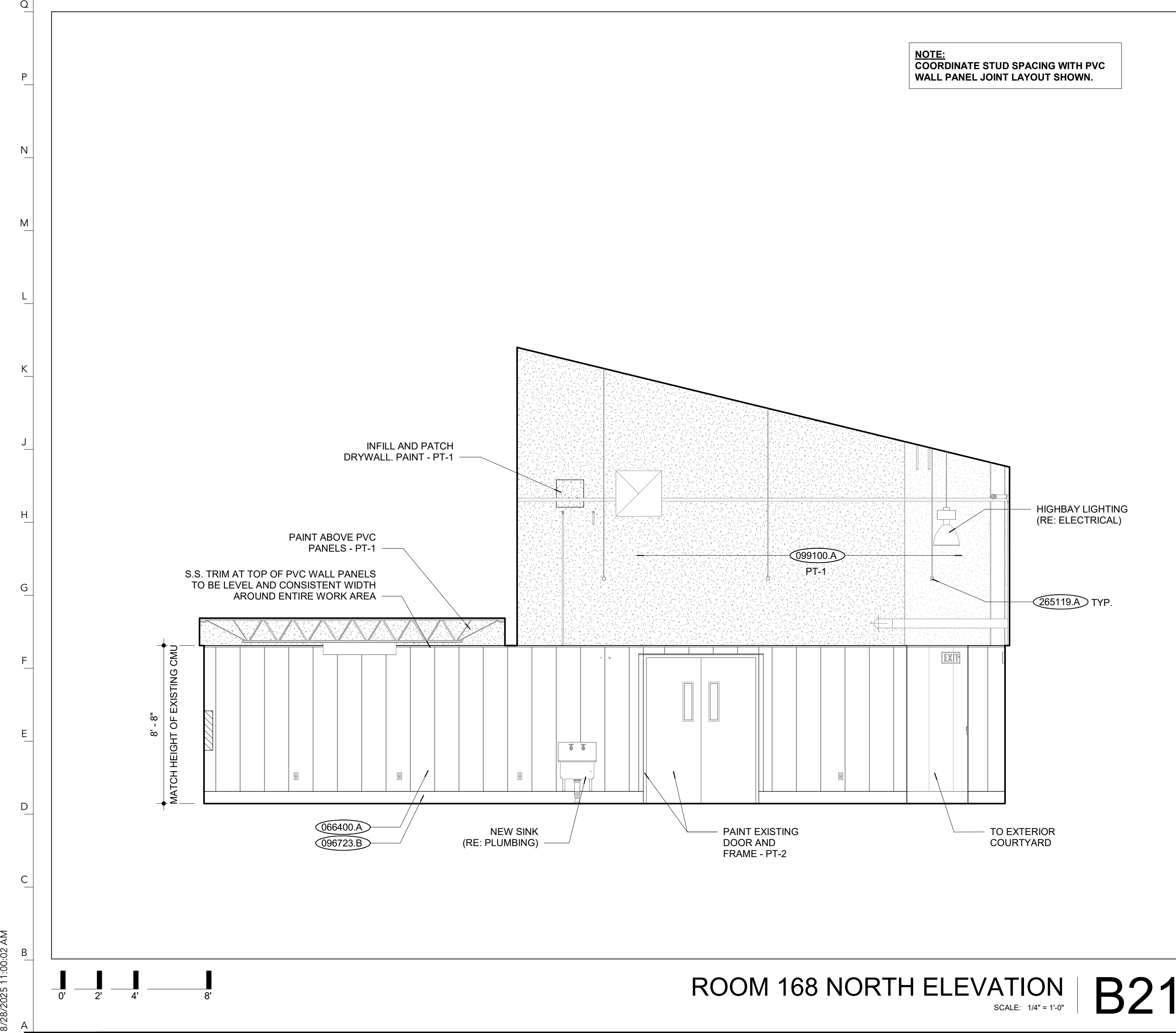
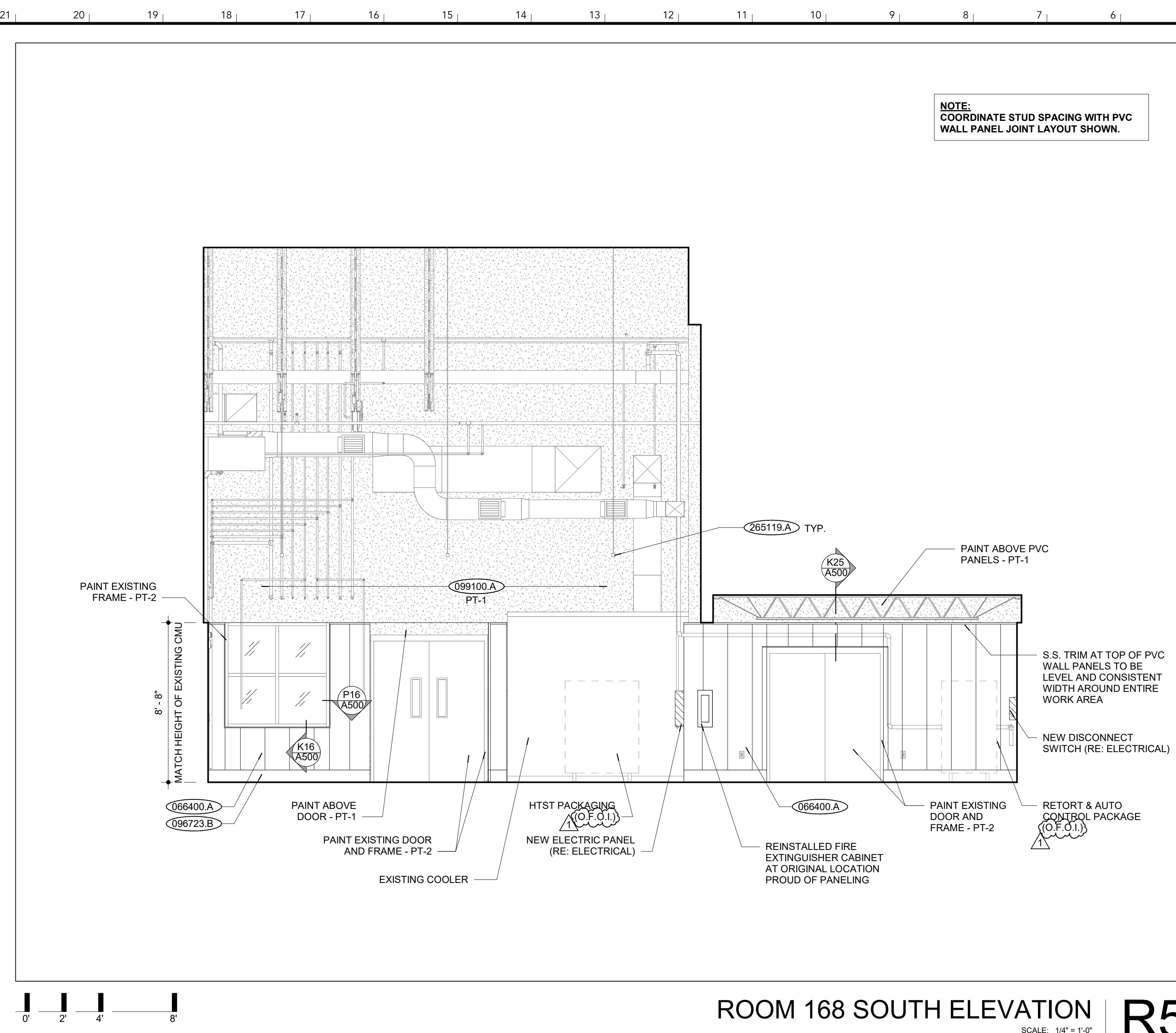
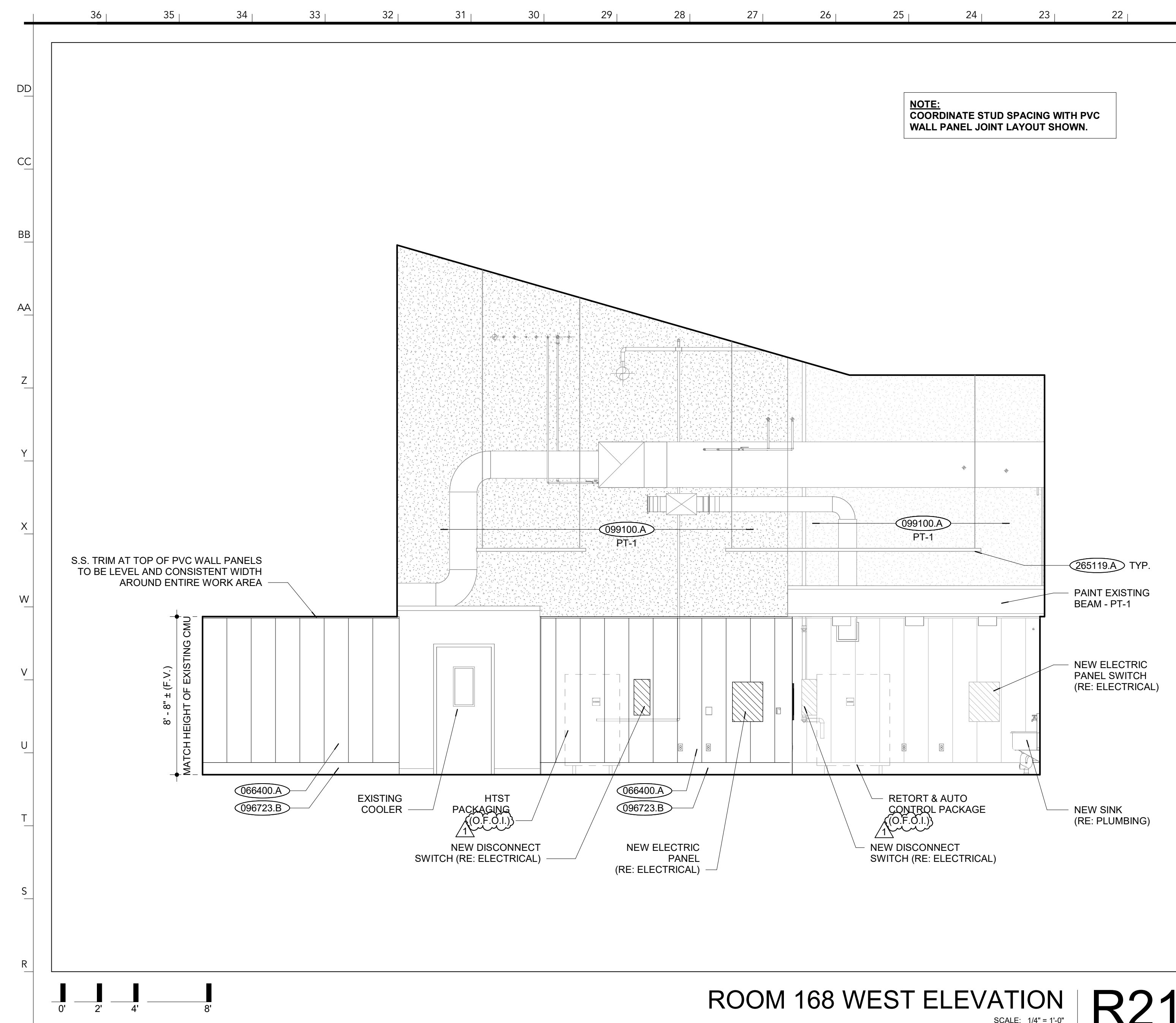
DEMO NOTES | B1





- DIVISION 10 SPECIALTIES
- DIVISION 11 EQUIPMENT
- DIVISION 12 FURNISHINGS
- DIVISION 14 CONVEYING EQUIPMENT
- DIVISION 22 PLUMBING
- DIVISION 23 HVAC
- DIVISION 26 ELECTRICAL
- DIVISION 31 EARTHWORK
- DIVISION 32 EXTERIOR IMPROVEMENTS

B1



FINISH NOTES:

1. ALL WALLS, EXISTING AND NEW, IN THE CONTRACT AREA SHALL BE PAINTED PT-1 IN EGGSHELL FINISH UNLESS NOTED OTHERWISE. ALL EXISTING WALLS SHALL BE PREPARED FOR PAINT BY FILLING HOLES, REMOVING ADHESIVE, AND PROVIDING A CLEAN SURFACE.
2. ALL EXISTING AND NEW DOORS AND FRAMES THROUGHOUT THE WORK AREA SHALL BE PAINTED PT-2.
3. PAINT ALL EXPOSED DUCTWORK WORK, ELECTRICAL CONDUIT, AND JUNCTION BOXES WITHIN WORK AREA. MATCH EXISTING COLOR OF STRUCTURAL JOISTS AT CEILING LEVEL.

BASIS OF DISCREPANCY FINISHES:

PAINT (RE: 099100)

PT-1: BENJAMIN MOORE; STEAM AF-15
PT-2: BENJAMIN MOORE; KENDALL CHARCOAL HC-166
PT-3: TO BE SELECTED BY ARCHITECT

FINISH NOTES | Y5

EXISTING CONSTRUCTION	000000 X
<u>NEW CONSTRUCTION</u>	000000 X
DIVISION 03 CONCRETE	
DIVISION 04 MASONRY	
DIVISION 05 METALS	
DIVISION 06 WOOD, PLASTICS + COMPOSITES	
066400 A	1/2" PVC WALL PANELS
DIVISION 07 THERMAL + MOISTURE PROTECTION	
DIVISION 08 OPENINGS	
081113 A	HOLLOW METAL DOOR
083613 A	OVERHEAD SECTIONAL DOOR
DIVISION 09 FINISHES	
096723 B	INTEGRAL COVE BASE
099700 A	INTERIOR PAINT
DIVISION 10 SPECIALTIES	
DIVISION 11 EQUIPMENT	
DIVISION 12 FURNISHINGS	
DIVISION 14 CONVEYING EQUIPMENT	
DIVISION 22 PLUMBING	
DIVISION 23 HVAC	
DIVISION 26 ELECTRICAL	
265119 A	INTERIOR LINEAR LED LIGHT FIXTURE; RE:
	ELECTRICAL
DIVISION 31 EARTHWORK	
DIVISION 32 EXTERIOR IMPROVEMENTS	

I A A

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FOR THE CURATORS OF
THE UNIVERSITY OF MISSO

AGRICULTURE
ENGINEERING
BUILDING - RMS
164/166
FERMENTATION
LAB
RENOVATION

ISSUED FOR BID

1406 ROLLINS ST
COLUMBIA, MO 65201

DATE:	07/18/2025
PROJ. NO.:	CP250051
DESIGNED BY:	BJ
DRAWN BY:	BJ
CHECKED BY:	ST
APPROVED BY:	MA

SEA



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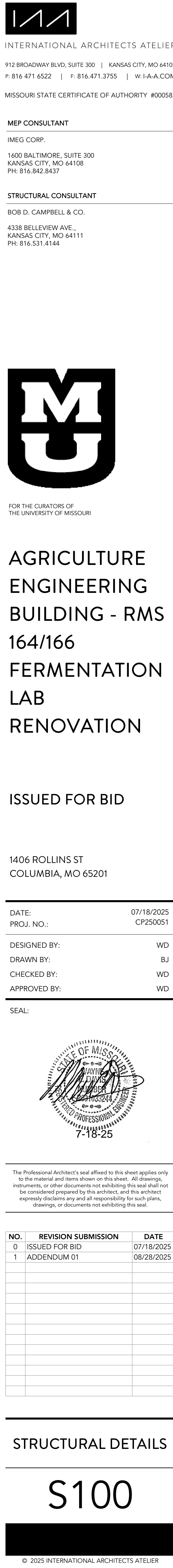
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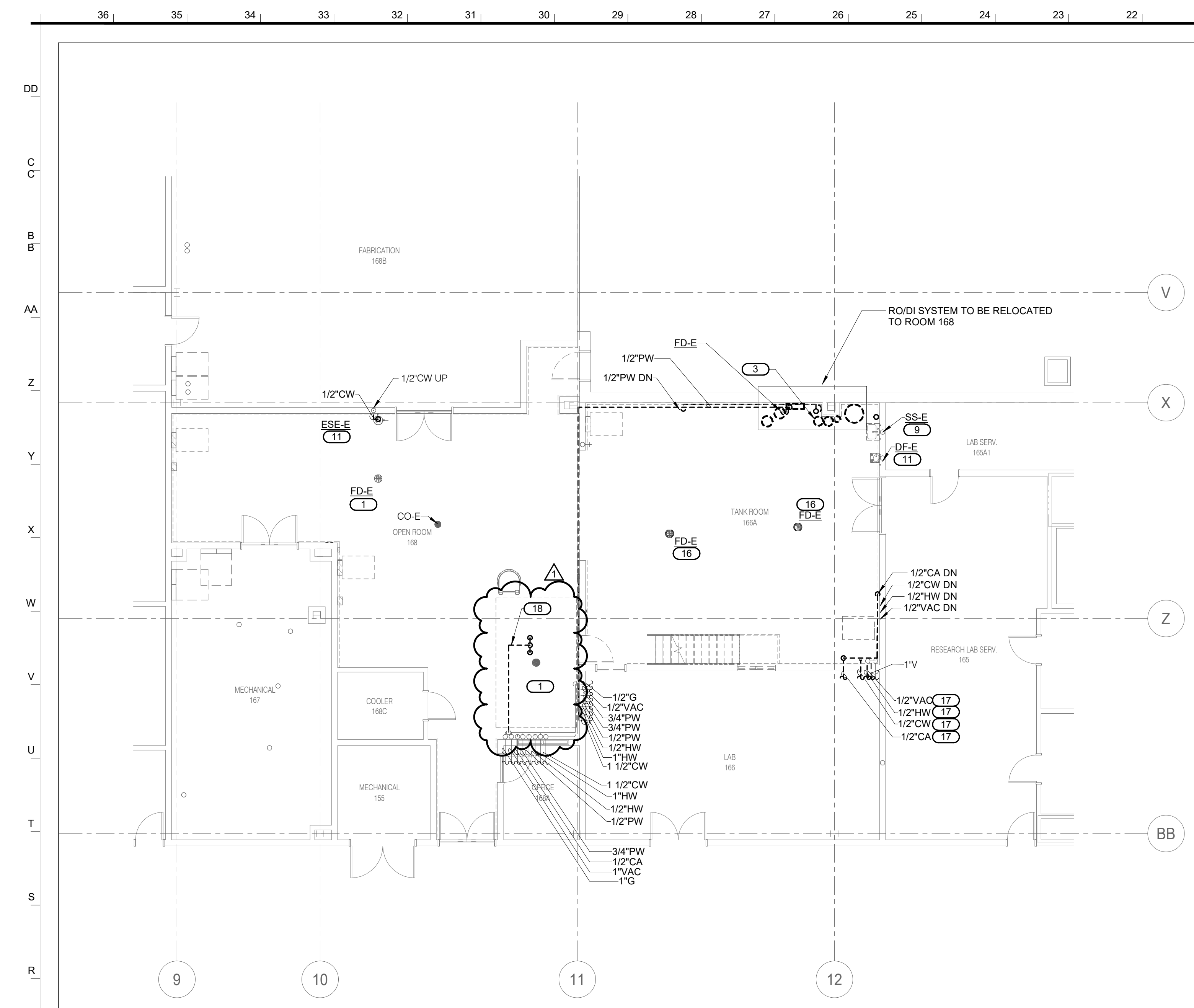
INTERIOR ELEVATIONS

A600

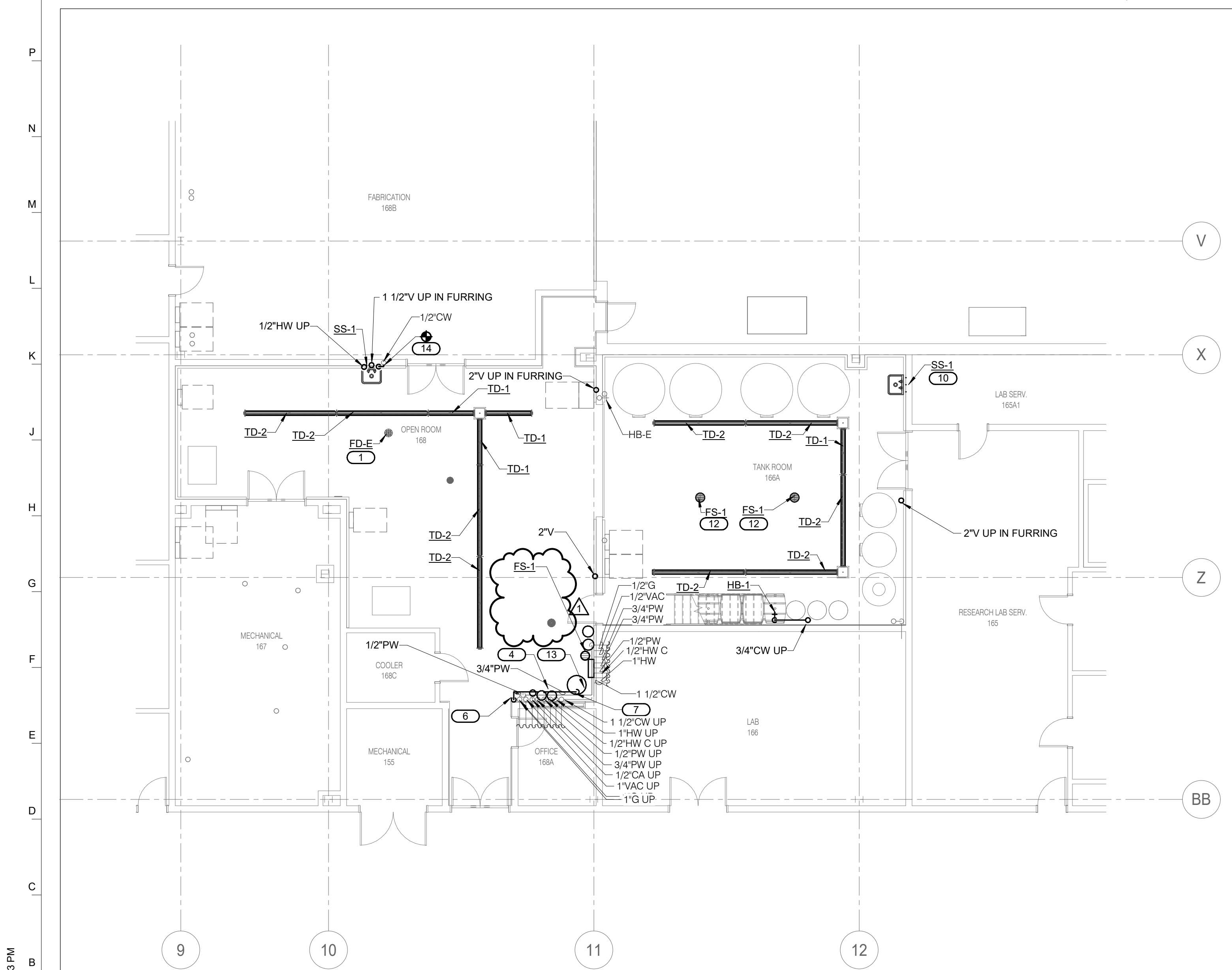
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3/28/2025 11:00:02 AM

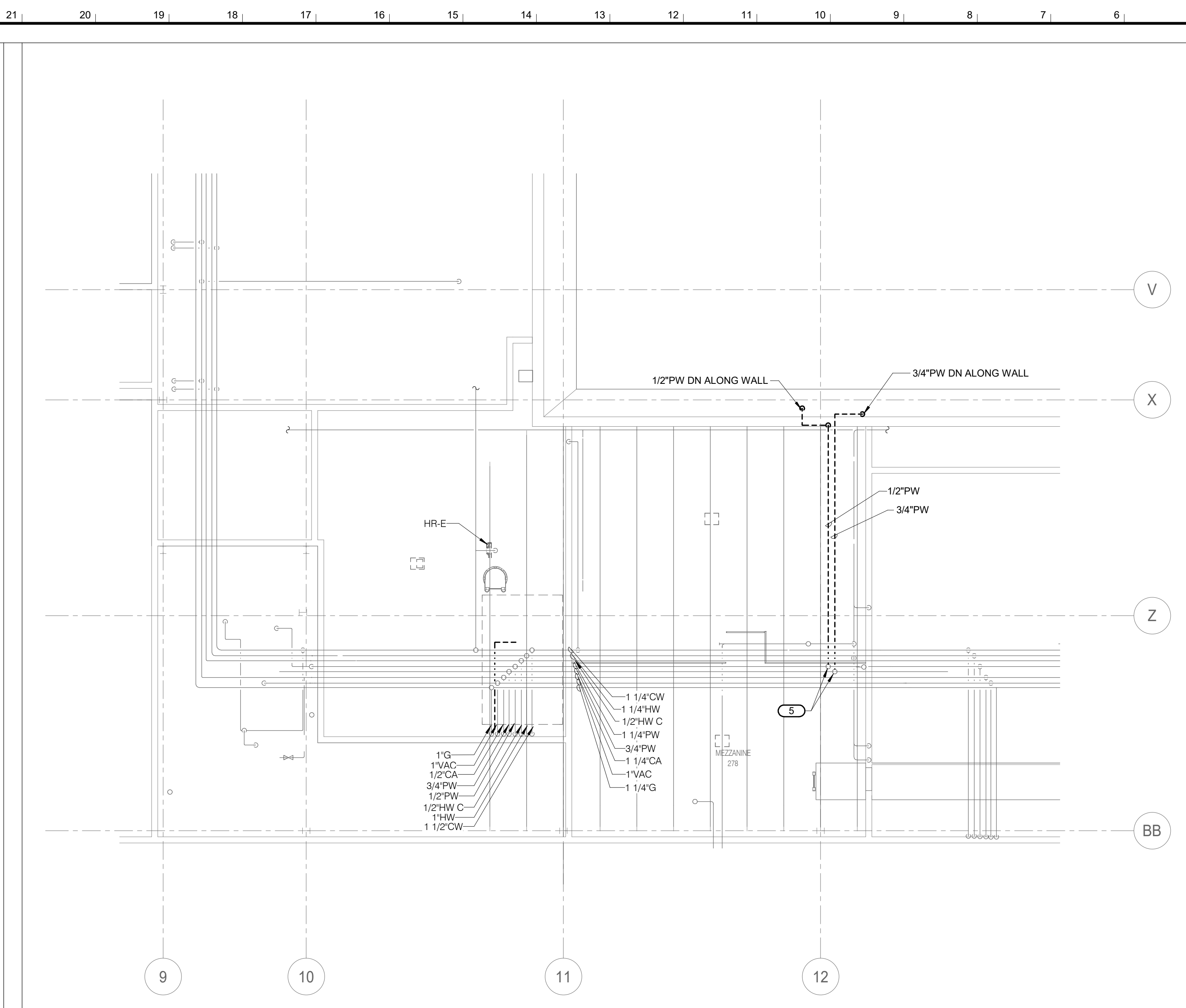




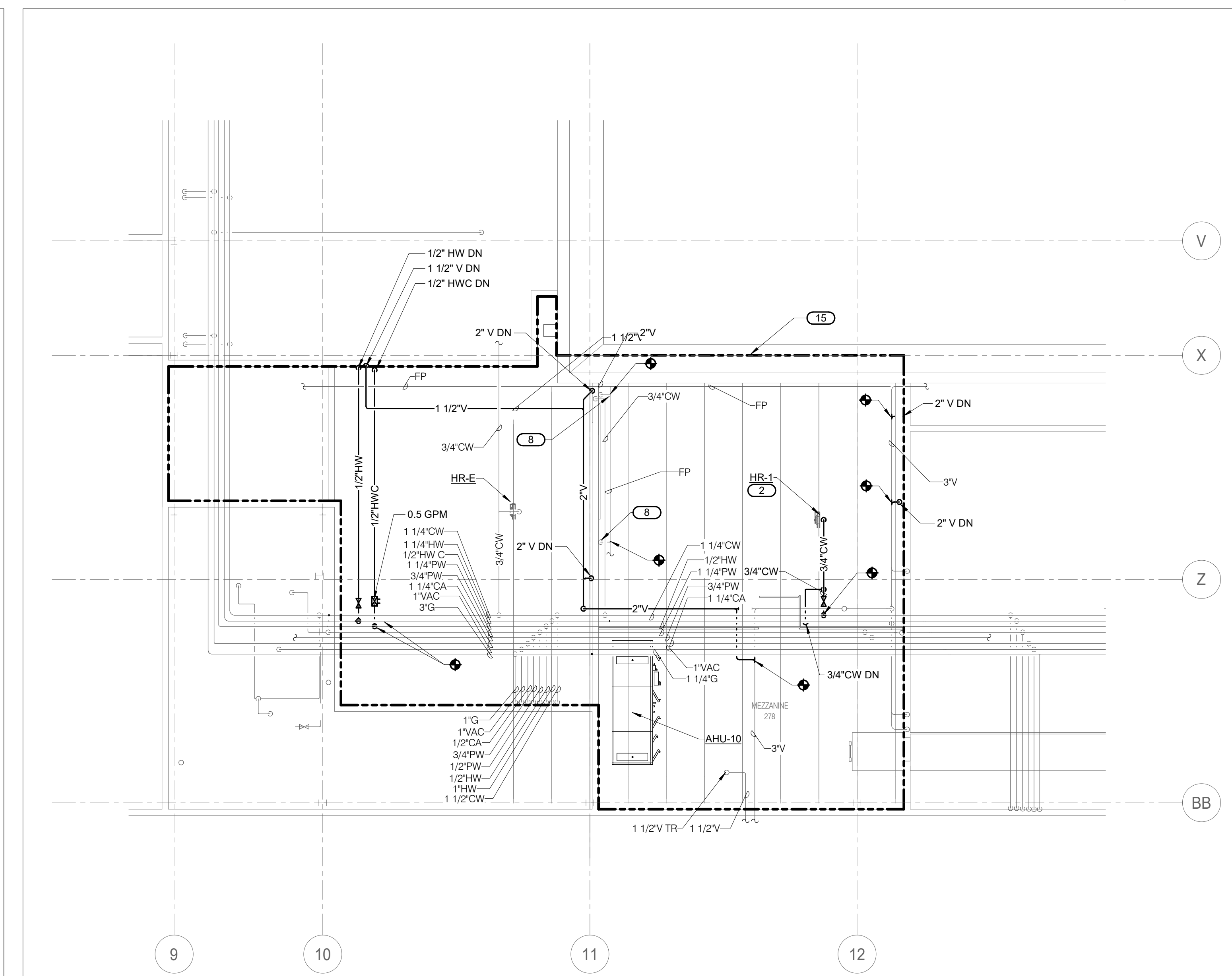
LEVEL 01 DEMOLITION PLAN - PLUMBING | R21
SCALE: 1/8" = 1'-0"



LEVEL 01 PLAN - PLUMBING | B21
SCALE: 1/8" = 1'-0"



LEVEL 02 DEMOLITION PLAN - PLUMBING | R5
SCALE: 1/8" = 1'-0"



LEVEL 02 PLAN - PLUMBING | B5
SCALE: 1/8" = 1'-0"

- SHEET NOTES:**
- SEE SHEET M000 FOR GENERAL NOTES AND SYMBOLS LIST.
 - SYSTEM SHUTDOWNS SHALL BE MINIMIZED AND SHALL BE COORDINATED WITH OWNER A MINIMUM OF 2 WEEKS BEFORE PLANNED SHUTDOWNS.
 - ALL WASTE, VENT & WATER PIPING SHOWN DASHED & DARK TO BE REMOVED. DEMOLISHED PIPING TO BE REMOVED BACK TO MAIN OR BRANCH MAIN. CAP PIPING TO REMAIN.

- KEYNOTES:**
- EXISTING JOSAM 3000A FLOOR DRAIN GRATE TO BE REPLACED WITH 3/16 STAINLESS STEEL FULL GRATE WITH 1/2" SQUARE OPENINGS.
 - STEEL STRUCTURE AT APPROX. 27'8" AFT. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
 - EXISTING CULLIGAN G1 SERIES REVERSE OSMOSIS SYSTEM, DUAL DI TANKS, VIQUA UV, HE SOFTENER, MANUAL FILTRATION SYSTEM, STORAGE WATER TANK AND ALL ASSOCIATED COMPONENTS TO BE REMOVED FOR RELOCATION, DISCONNECT AND REMOVE ALL CONNECTED PIPING, ASSOCIATED HANGERS, AND ACCESSORIES NOT REQUIRED TO REMAIN.
 - REINSTALL EXISTING CULLIGAN G1 SERIES REVERSE OSMOSIS SYSTEM, DUAL DI TANKS, VIQUA UV, HE SOFTENER, MANUAL FILTRATION SYSTEM, AND STORAGE WATER TANK PER CULLIGAN RECOMMENDATIONS. REGIONAL PHONE NO.: 573-874-6147. ACCOUNT NO.: 742763.
 - CAP PURE WATER LINE AFTER REMOVAL OF CONNECTED R/O/DI EQUIPMENT AND ASSOCIATED PIPING.
 - PURE WATER CONNECTION POINT FOR CULLIGAN FILTER UNIT.
 - PURE WATER CONNECTION POINT FOR CULLIGAN STORAGE WATER TANK.
 - INSTALL SPRINKLER HEADS WITHIN 12" OF UNDERSIDE OF GARAGE DOOR TO ENSURE FULL FIRE PROTECTION COVERAGE WHILE DOOR IS IN THE "OPEN" POSITION. INSTALLATION SHALL COMPLY WITH NFPA 13.
 - DISCONNECT AND REMOVE EXISTING SINK AND ASSOCIATED PIPING NO LONGER REQUIRED TO REMAIN. PREPARE EXISTING PIPING FOR CONNECTION TO NEW SINK.
 - INSTALL NEW SINK AND CONNECT TO EXISTING WATER AND SANITARY LINES. PATCH AND REPAIR ANY DAMAGE TO WALL.
 - FIXTURE TO BE REMOVED. REMOVE ANY ASSOCIATED PIPING, HANGERS, OR OTHER ACCESSORIES NOT REQUIRED TO REMAIN. CAP PIPING TO REMAIN. REPAIR AND PATCH ANY WALL PENETRATIONS TO MATCH SURROUNDING FINISH.
 - CONNECT NEW FLOOR SINK TO EXISTING UNDERLOOR SANITARY PIPING.
 - REINSTALL CULLIGAN R/O/DI SYSTEM EQUIPMENT ON 4" HOUSEKEEPING PAD.
 - INSTALL NEW 1/2" CW PIPING TO CONNECT EXISTING CW PIPING TO NEW SINK. INSTALL PIPING WITHIN NEW FURRED OUT WALL.
 - PROVIDE REVISIONS TO FIRE SPRINKLER LAYOUT AS NECESSARY FOR NEW ARCHITECTURAL AND MECHANICAL EQUIPMENT. PIPE AND DUCTWORK CHANGES. ENSURE FULL COVERAGE IN ACCORDANCE WITH NFPA 13 AND LOCAL CODE REQUIREMENTS.
 - REMOVE FLOOR DRAIN, GRATE, AND PIPING NOT REQUIRED TO REMAIN.
 - REMOVE EXISTING PIPING UP TO THE POINT OF CONNECTION TO MAINS. CAP CONNECTION POINT.
 - DISCONNECT AND REMOVE EXISTING GAS PIPING AND ACCESSORIES. CAP PIPING AT MAINS.

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FOR THE CURATORS OF
THE UNIVERSITY OF MISSOURI

AGRICULTURAL ENGINEERING BUILDING - RMS 164/166 FERMENTATION LAB RENOVATION

ISSUED FOR BID

1406 ROLLINS ST
COLUMBIA, MO 65201

DATE: 07/18/2025
PROJ. NO.: CP290051

DESIGNED BY: BDN
DRAWN BY: BDN
CHECKED BY: SGB
APPROVED BY: SGB

SEAL:

P. Lindsay Robertson - #PE 2020216725

7/18/2025

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NO.	REVISION SUBMISSION	DATE
0	ISSUED FOR BID	07/18/2025
1	ADDENDUM 01	08/28/2025

LEVEL 01 & 02 PLANS - PLUMBING

P101

NOTES | B1

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RENOVATION**

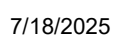
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DESIGNED BY: BDN

CHECKED BY: SGB



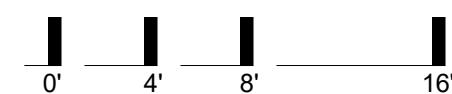
**P. Lindsay Robertson - #PE
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UNDERFLOOR PLAN - PLUMBING

P200



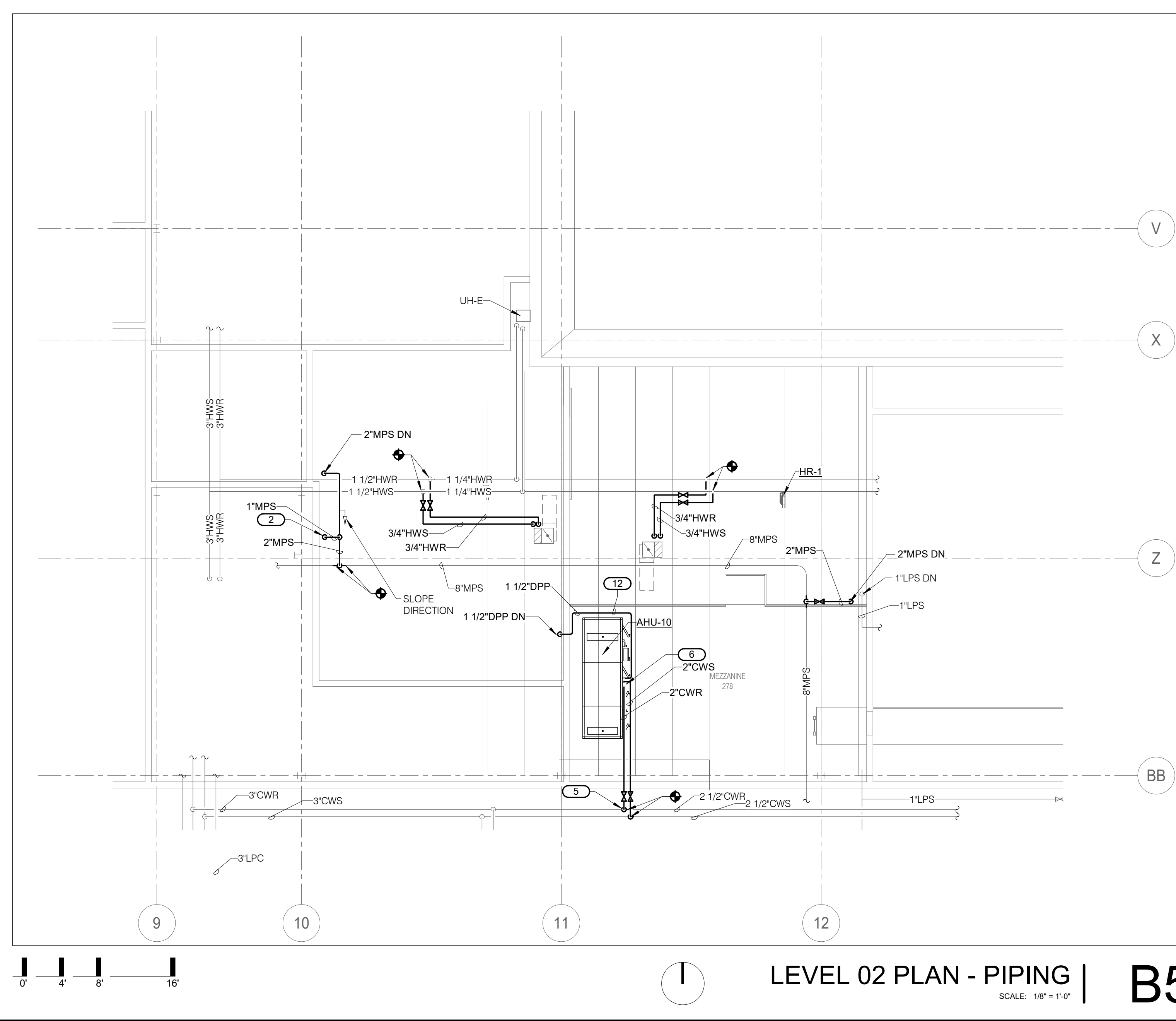
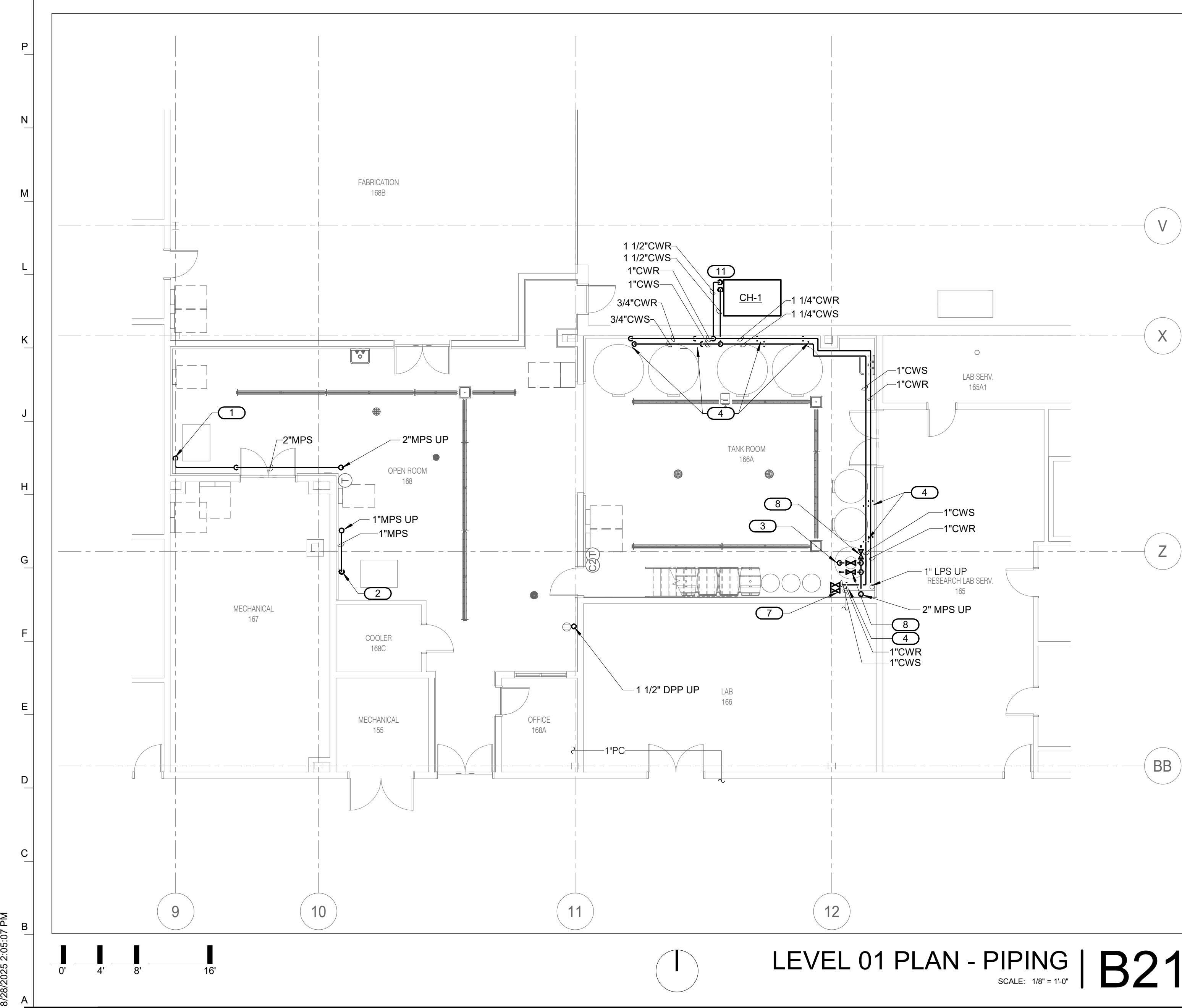
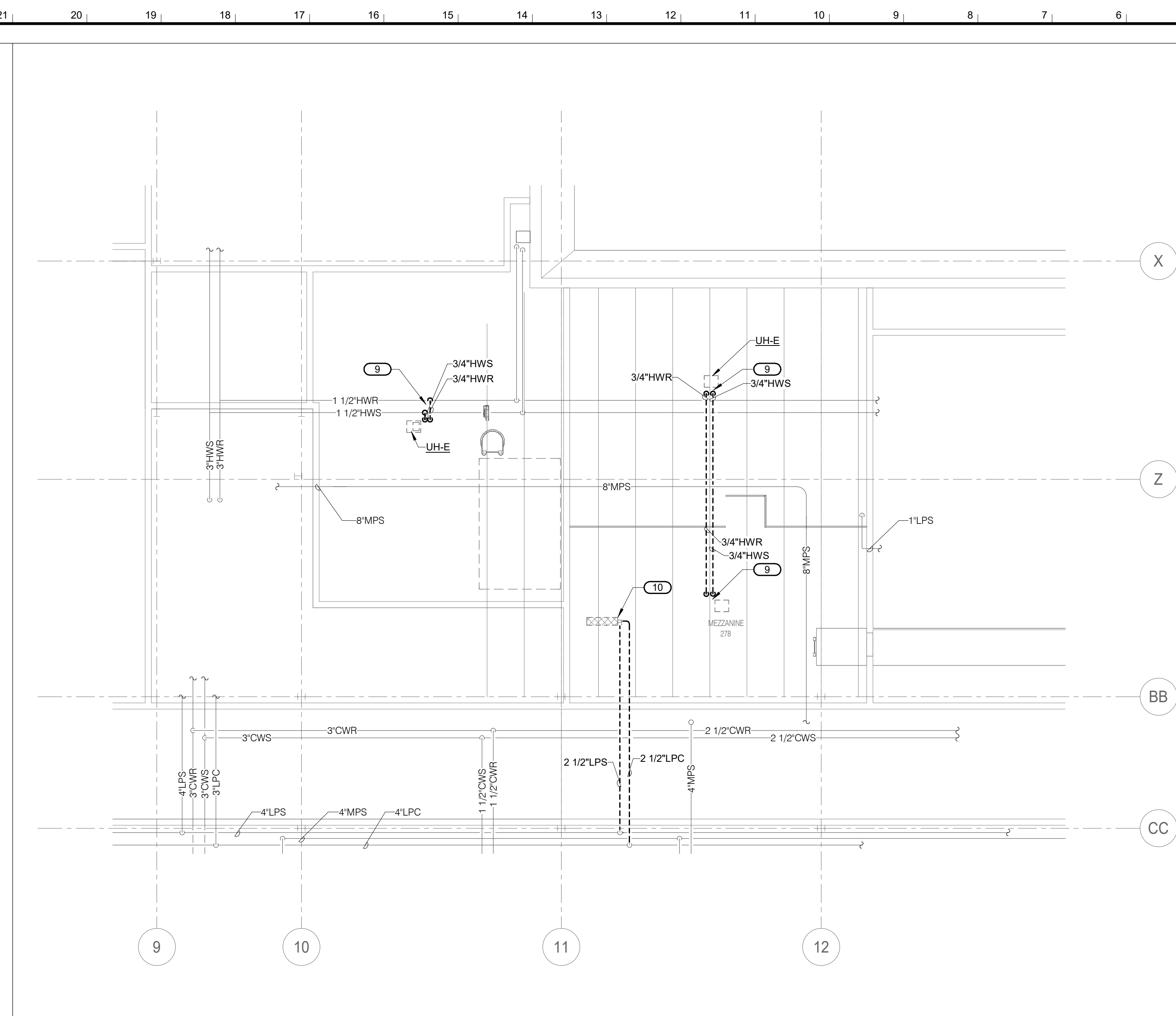
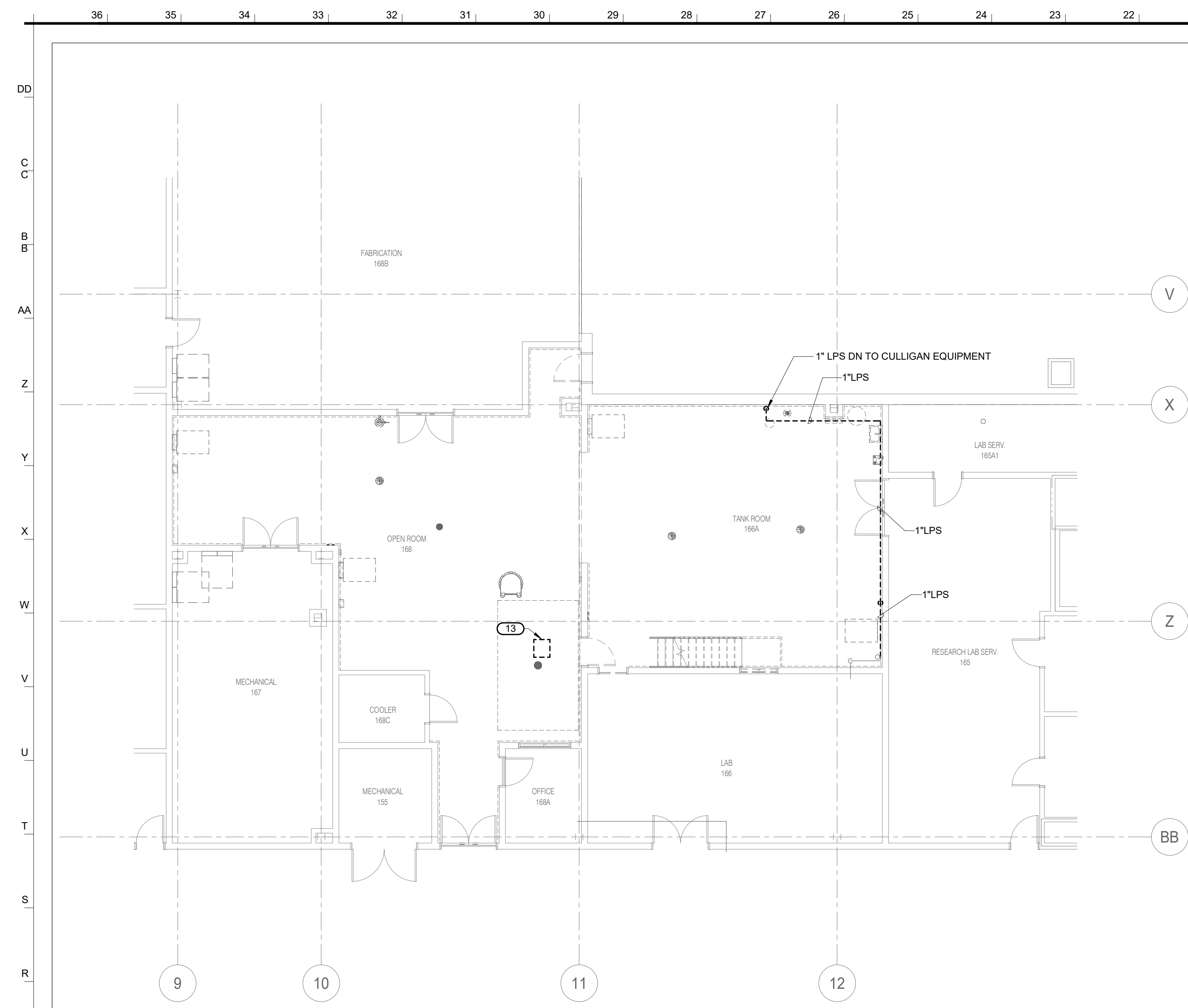
UNDERFLOOR PLAN - PLUMBING

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

R5

NOTES

B1



SHEET NOTES:

KEYNOTES: #

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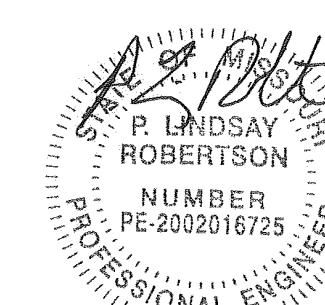
DATE: 07/18/2025
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DESIGNED BY: BDN

DRAWN BY: BDN

CHECKED BY: SGB
APPROVED BY: SGB

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P. Lindsay Robertson - #PE
2002016725

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**LEVEL 01 & 02 PLANS
PIPING**

M101

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8/28/2025 2:05:07 PM

NAME

10'-0"

LEVEL NAME

HEIGHT ABOVE PROJECT 0'-0"

1

KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH

PLAN OR DETAIL NUMBER

PLAN OR DETAIL NAME

VIEW NAME

1/8" = 1'-0"

PLAN OR DETAIL SCALE

SIM

M101

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS

SIM

T101

DETAIL REFERRED TO BY SECTION CUT

SIM

T101

SHEET DETAIL IS LOCATED ON

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)

EXISTING TO BE REMOVED (SHORT DASHED PATTERN)

NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)

EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)

EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE

TAG-E TAGS WITH DASH "E" INDICATES THE REFERENCED OBJECT IS EXISTING

TAG-1 UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

ABBR:

DESCRIPTION:

C.C.

CIVIL CONTRACTOR

C.M.

CONSTRUCTION MANAGER

E.C.

ELECTRICAL CONTRACTOR

F.P.C.

FIRE PROTECTION CONTRACTOR

G.C.

GENERAL CONTRACTOR

M.C.

MECHANICAL CONTRACTOR

P.C.

PLUMBING CONTRACTOR

S.C.

SECURITY CONTRACTOR

T.C.

TECHNOLOGY CONTRACTOR

T.C.C.

TEMPERATURE CONTROLS CONTRACTOR

V.C.

VENTILATION CONTRACTOR

CONDUIT INSTALLATION SCHEDULE

THE FOLLOWING SCHEDULE SHALL BE ADHERED TO UNLESS THEY CONSTITUTE A VIOLATION OF APPLICABLE CODES OR ARE NOTED OTHERWISE ON THE DRAWINGS. THE INSTALLATION OF RMC CONDUIT WILL BE PERMITTED IN PLACE OF ALL CONDUIT SPECIFIED IN THIS SCHEDULE. REFER TO CONDUIT AND BOXES SPECIFICATION 26 05 33 FOR ADDITIONAL INFORMATION.

INSTALLATION TYPE	RMC	IMC	EMT	PVC	PVC CONCRETE ENCASED	RTRC	PVC COATED RMC	HDPE	ASR
FEEDERS: SWITCHBOARDS, DISTRIBUTION PANELS, PANELBOARDS, MOTOR CONTROL CENTERS, ETC.		X	X						
BRANCH CIRCUITS: LIGHTING, RECEPTACLES, CONTROLS, ETC.		X	X						
MECHANICAL EQUIPMENT FEEDERS: PUMPS, CHILLERS, AIR HANDLING UNITS, ETC.		X	X						
FLOOR MOUNTED EQUIPMENT FEEDERS: PUMPS, ETC. (INCLUDE NO MORE THAN 6 FEET OF LFMC TO PUMP)		X	X						
CONTROLS (LIGHTING, POWER, BUILDING AUTOMATION, ETC.)		X	X						
WET AND DAMP LOCATIONS: (CONDUIT, BOXES, FITTINGS, INSTALLED AND EQUIPPED TO PREVENT WATER ENTRY)	X					X			
INTERIOR LOCATIONS WITH FINISHED CEILING AND WALLS: CONCEALED IN WALLS AND ABOVE FINISHED CEILINGS			X						
INTERIOR LOCATIONS WITHOUT FINISHED CEILINGS: CONCEALED IN WALL, EXPOSED ABOVE CEILINGS		X	X						
EXISTING INTERIOR LOCATIONS WITH FINISHED CEILINGS AND WALLS: CONCEALED IN WALLS AND ABOVE FINISHED CEILING UNLESS OTHERWISE NOTED			X						X
UNDERFLOOR	X			X					

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NOTES:

ELECTRICAL SPECIFICATIONS:

MAIN VOLTAGE: 460V/3PH/60HZ
MINIMUM CIRCUIT AMPACITY (MCA): 26 AMPS
MAXIMUM OVERCURRENT PROTECTION (MOP): 40 AMPS

WEIGHT SPECIFICATIONS:

ESTIMATED SHIPPING WEIGHT: APPROXIMATELY 1,800 LBS
ESTIMATED OPERATING WEIGHT: APPROXIMATELY 2,700 LBS

COOLING CAPACITIES:

AT 90 °F AMBIENT
25 °F GLYCOL: 63861 BTU/HR (18.7KW)
30 °F GLYCOL: 71968 BTU/HR (21.1KW)
35 °F GLYCOL: 80635 BTU/HR (23.6KW)

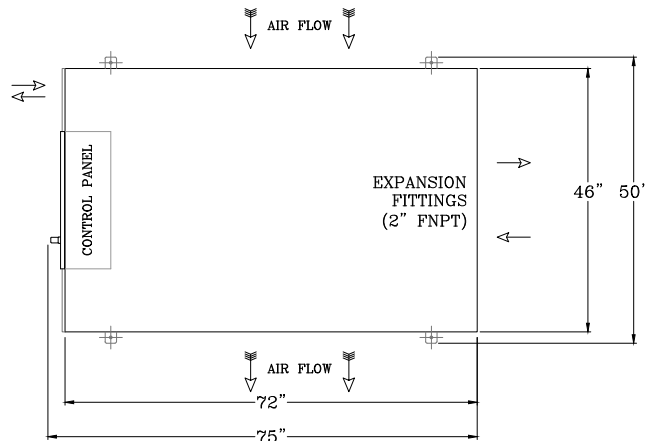
SOUND PRESSURE LEVEL:

77 dB @ 1m

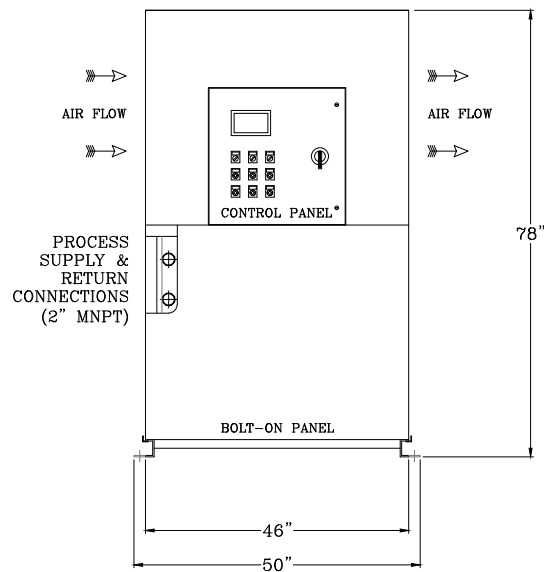
OPTIONS:

1HP PROCESS PUMP
EXTREME LOW AMBIENT PACKAGE
PROelliot HARDWARE
PROelliot - CELLULAR CHILLER MONITORING SYSTEM

PROCESS
SUPPLY &
RETURN
CONNECTIONS
(2" MNPT)

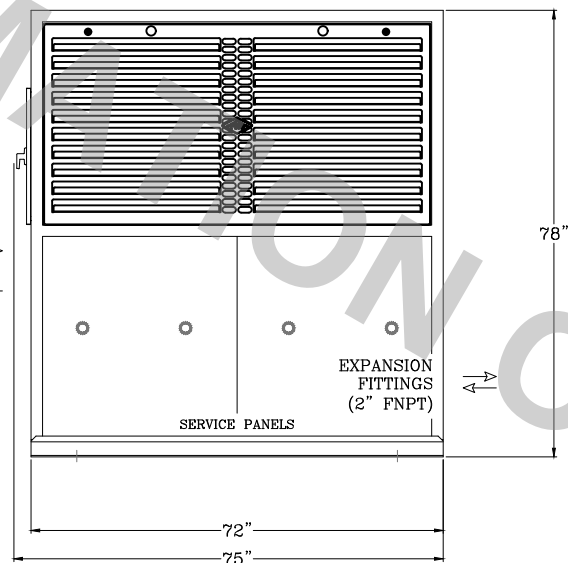


PLAN VIEW



CONTROL PANEL END ELEVATION

PROCESS
SUPPLY &
RETURN
CONNECTIONS
(2" MNPT)



SIDE ELEVATION

Drawing No.:

206422

Model:

3M109E100H
Single 9HP

Customer:

UNIVERSITY OF MISSOURI -
AGRICULTURAL
ENGINEERING BUILDING
COURTYARD

Drawn By:

JS

Date:

8/13/25

Rev.	Date	Description
△	-	-

Notes:

1. Options added to the chiller equipment (i.e. pumps, heat recovery, tank size, etc.) may affect the configuration (i.e. weight, dimensions, electrical requirements, etc.). Please verify final configuration of equipment.

2. Dimensional tolerance: +/- 2" nominal.

PRO REFRIGERATION, INC. RESERVES THE RIGHT TO CHANGE EQUIPMENT CONFIGURATION WITHOUT NOTICE

PRO Refrigeration, Inc.

326 8th Street SW Auburn, WA 98001
T: (253) 735-9466 / F: (253) 735-2631
www.prochiller.com



