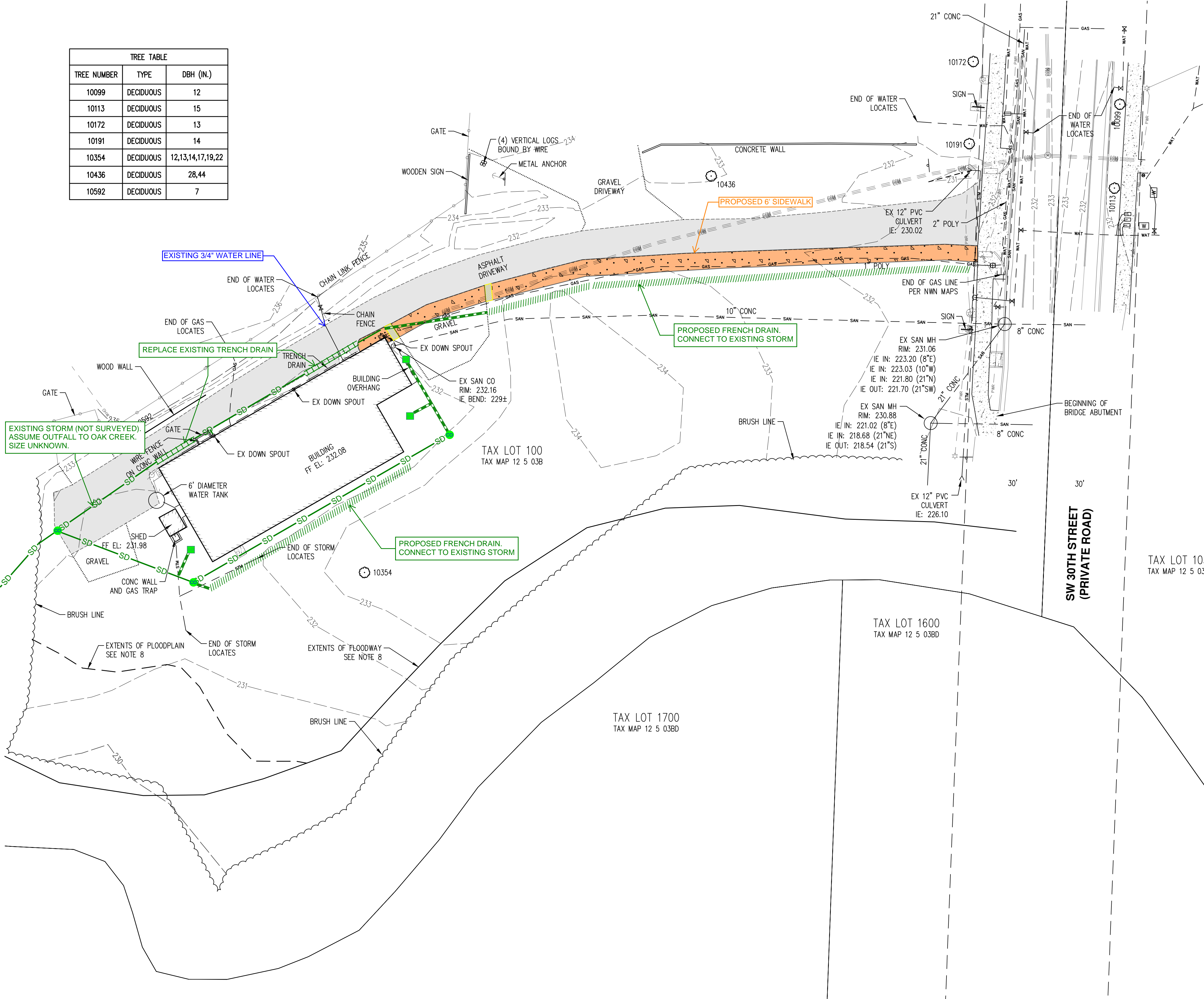


TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
10099	DECIDUOUS	12
10113	DECIDUOUS	15
10172	DECIDUOUS	13
10191	DECIDUOUS	14
10354	DECIDUOUS	12,13,14,17,19,22
10436	DECIDUOUS	28,44
10592	DECIDUOUS	7



LEGEND

EXISTING	EXISTING
DECIDUOUS TREE	STORM DRAIN CLEAN OUT
CONIFEROUS TREE	STORM DRAIN CATCH BASIN
FIRE HYDRANT	STORM DRAIN AREA DRAIN
WATER METER	STORM DRAIN MANHOLE
WATER VALVE	GAS METER
SANITARY SEWER CLEAN OUT	GAS VALVE
SANITARY SEWER MANHOLE	GUY WIRE ANCHOR
SIGN	UTILITY POLE
	STREET LIGHT
	EXISTING
RIGHT-OF-WAY LINE	-----
PROPERTY LINE	-----
CENTERLINE	-----
DITCH	-----
CURB	-----
EDGE OF PAVEMENT	-----
EASEMENT	-----
FENCE LINE	-----
GRAVEL EDGE	-----
OVERHEAD WIRE	-----
COMMUNICATIONS LINE	-----
GAS LINE	-----
STORM DRAIN LINE	-----
SANITARY SEWER LINE	-----
WATER LINE	-----

SHEET LEGEND

	TACTILE WARNING
	AREA DRAIN
	CLEANOUT
	FRENCH DRAIN
	TRENCH DRAIN
	EXISTING STORMWATER LINE
	PROPOSED STORMWATER LINE

05/23/2023

AKS
 AKS ENGINEERING & FORESTRY, LLC
 12065 SW HERMAN RD, STE 100
 TUALATIN, OR 97062
 503.563.6151
 WWW.AKS-ENG.COM

OSU AERO LAB
CORVALLIS
 OREGON
 BENTON COUNTY TAX MAP 12 5 03B
 TAX LOT 100

SCHEMATIC SITE PLAN

DESIGNED BY: _____
 DRAWN BY: CC
 MANAGED BY: BH
 CHECKED BY: BH
 DATE: 4/21/2023

REGISTERED PROFESSIONAL LAND SURVEYOR
 BENJAMIN R HUFF
 MARCH 14, 2017
 84738PLS
 RENEWS: 6/30/23

REVISIONS

JOB NUMBER	9673
SHEET	C-001

AKS DRAWING FILE: 9673EXCOND.DWG | LAYOUT: 01

REVISIONS TO THIS SHEET		
REV.	DATE	DESCRIPTION

SET ISSUE	DATE
SCHEMATIC PRICING	2023.10.23

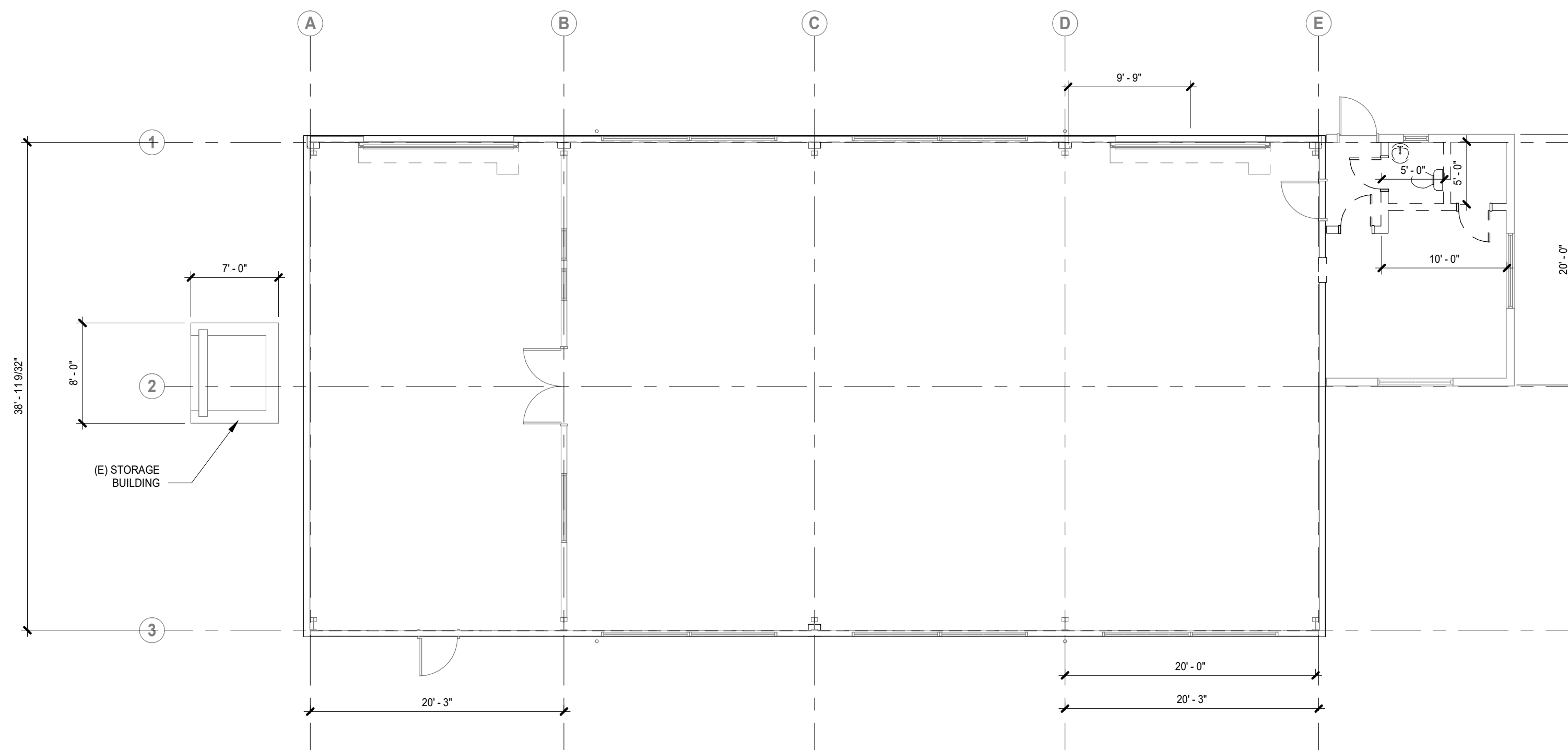
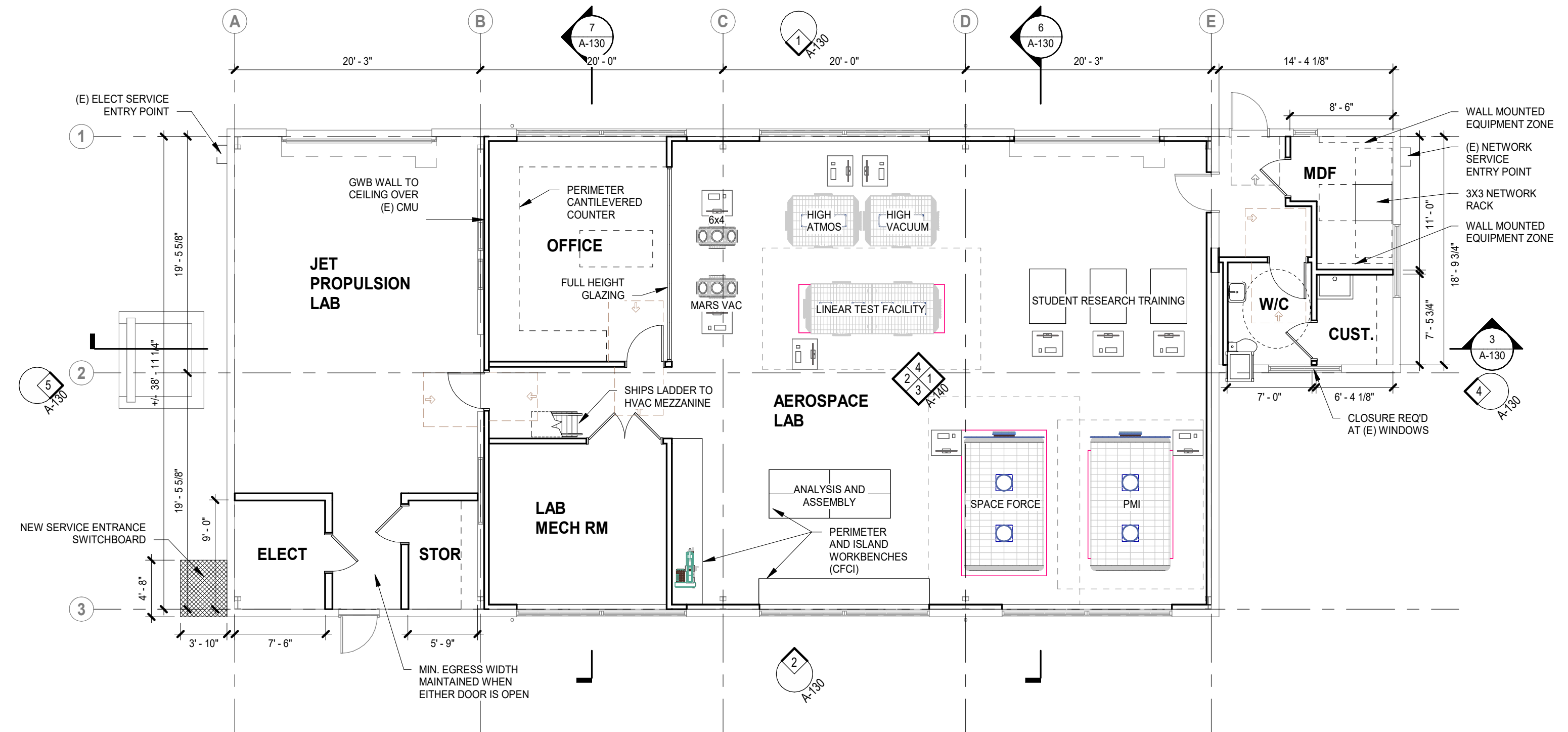
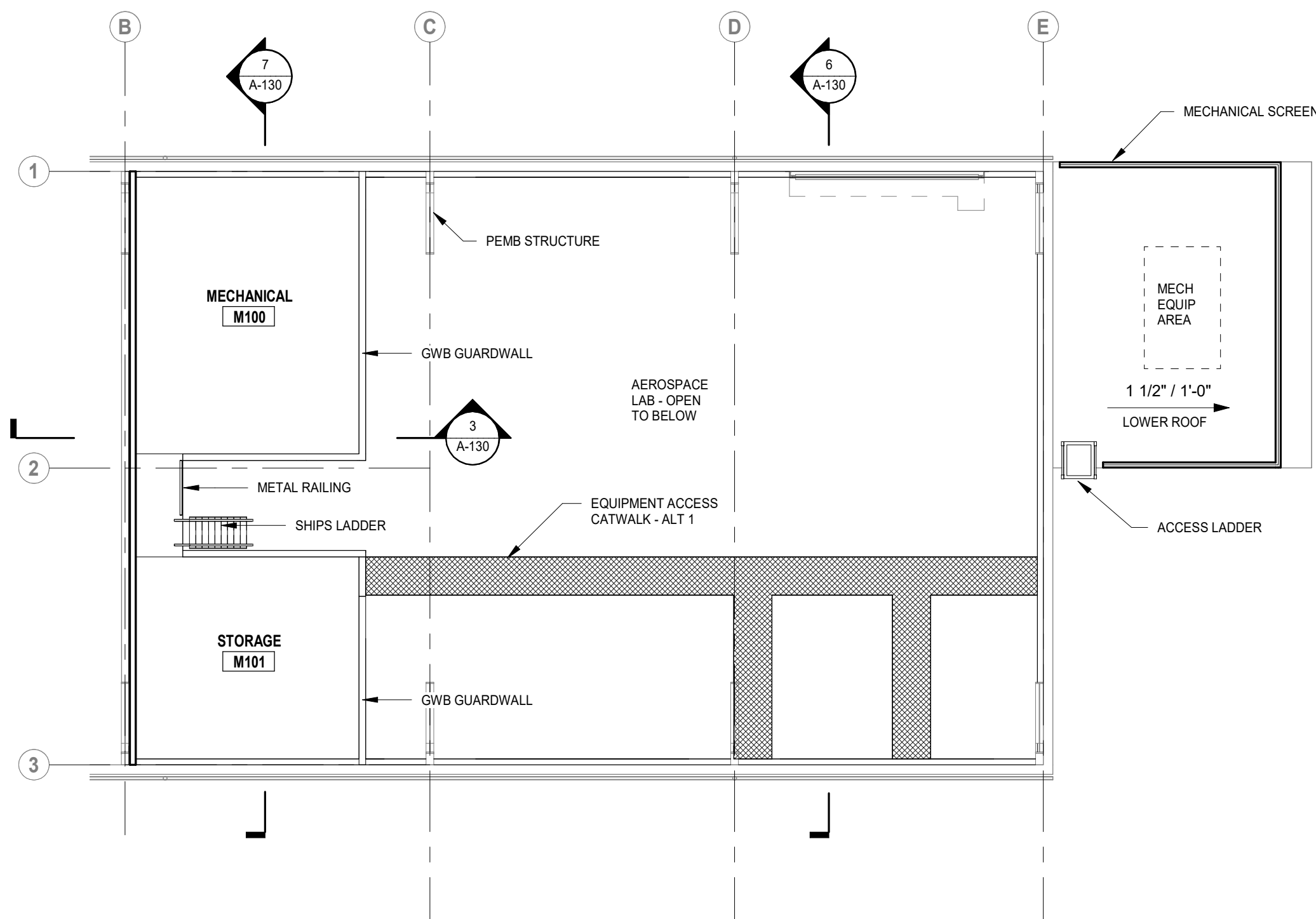
PROJECT TRACKING	
RBA #:	2218
P.I.C.:	AUSTIN BAILEY
PM / PA:	RYAN CHAMPAGNE

Owner
OSU

Project Name
Nancy Squires Aerospace Laboratory Building

Project Address
852 SW 30th St, Corvallis, OR 97331

1ST FLOOR PLANS



REVISIONS TO THIS SHEET

REV.	DATE	DESCRIPTION
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SET ISSUE DATE

SCHEMATIC PRICING 2023.10.23

PROJECT TRACKING

RBA #: 2218
P.I.C.: AUSTIN BAILEY
PM / PA: RYAN CHAMPAGNE

Owner

OSU

Project Name

Nancy Squires Aerospace Laboratory Building

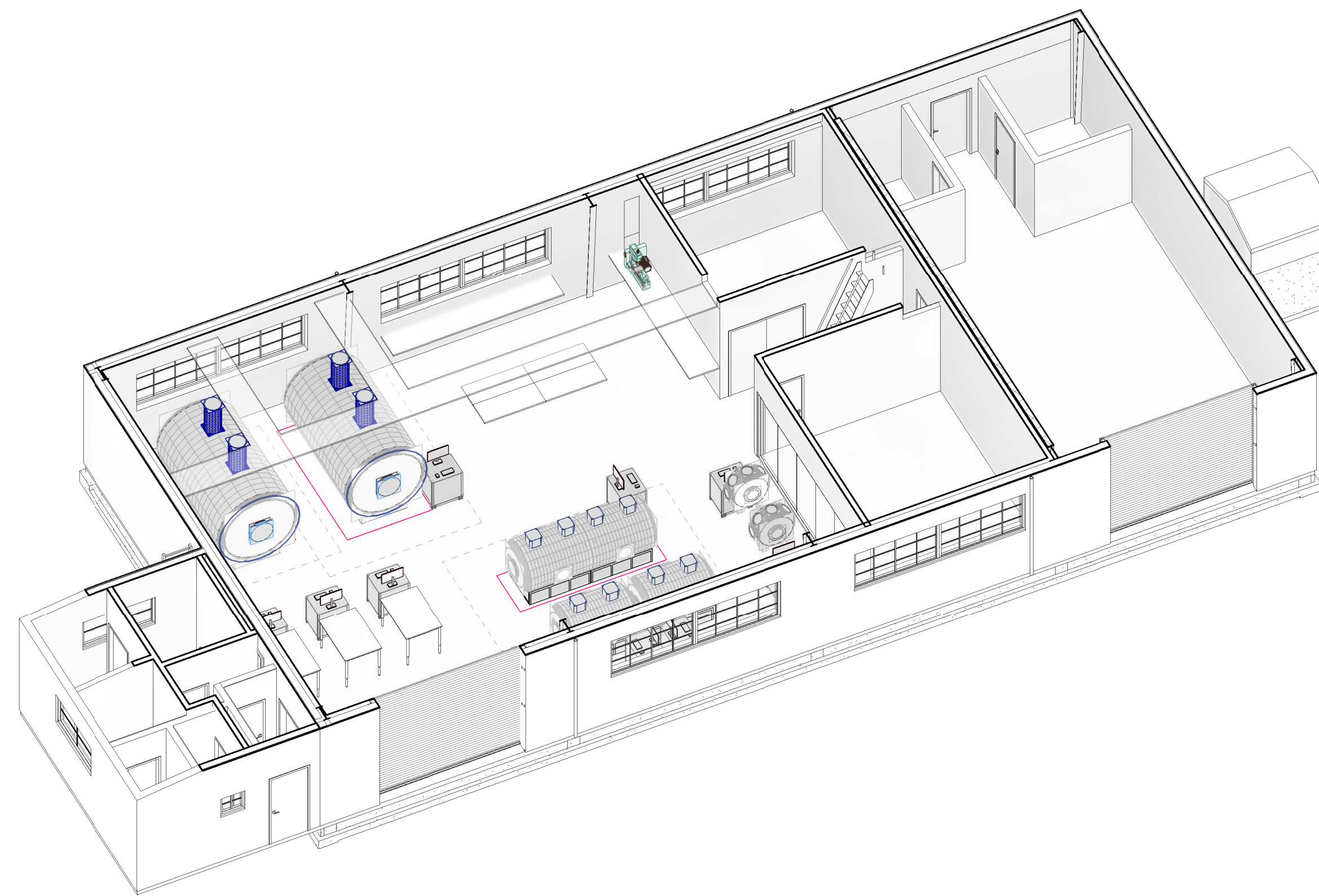
Project Address

852 SW 30th St, Corvallis, OR 97331

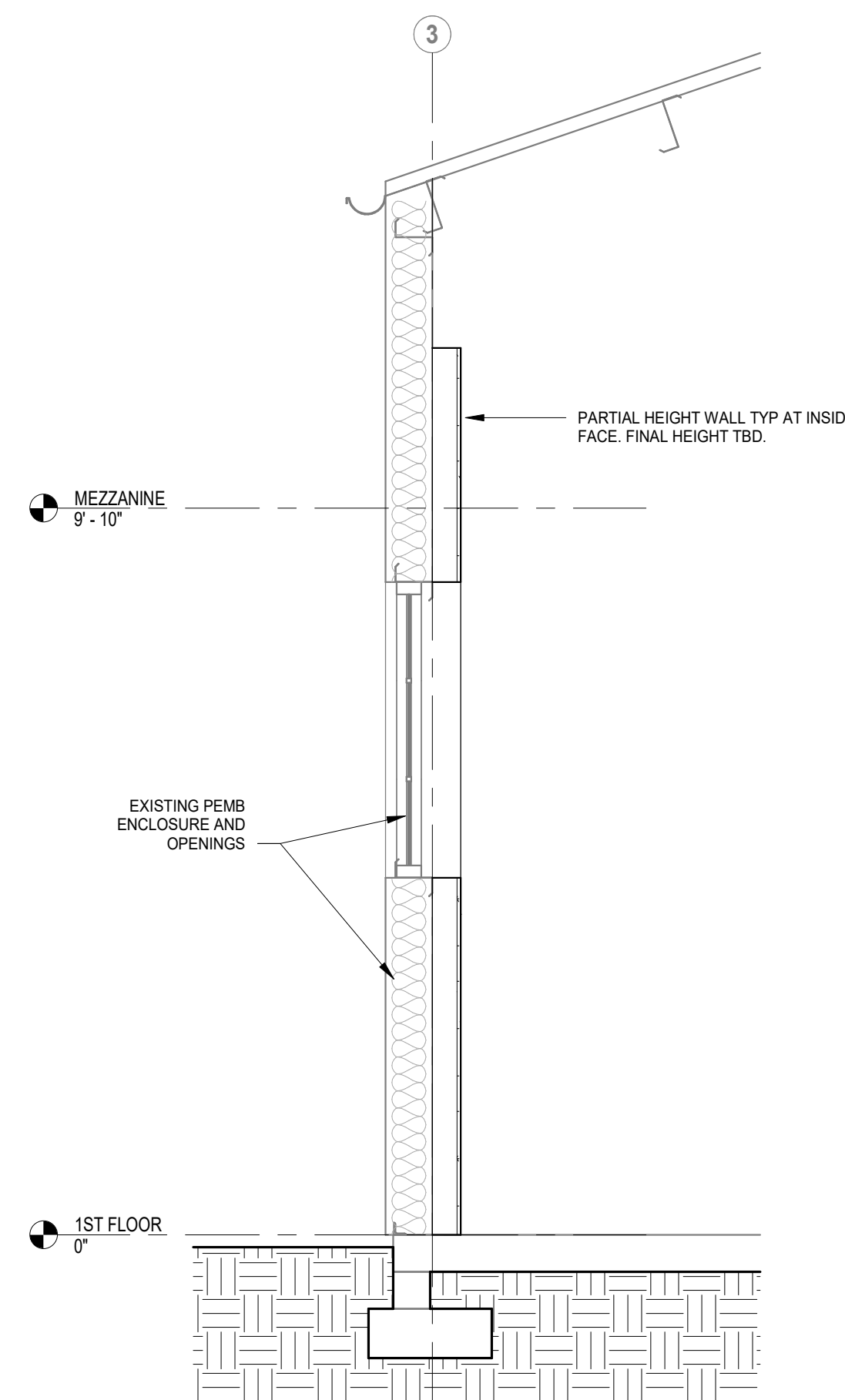
CEILING PLAN - 1ST FLOOR

GENERAL NOTES: REFLECTED CEILING PLANS

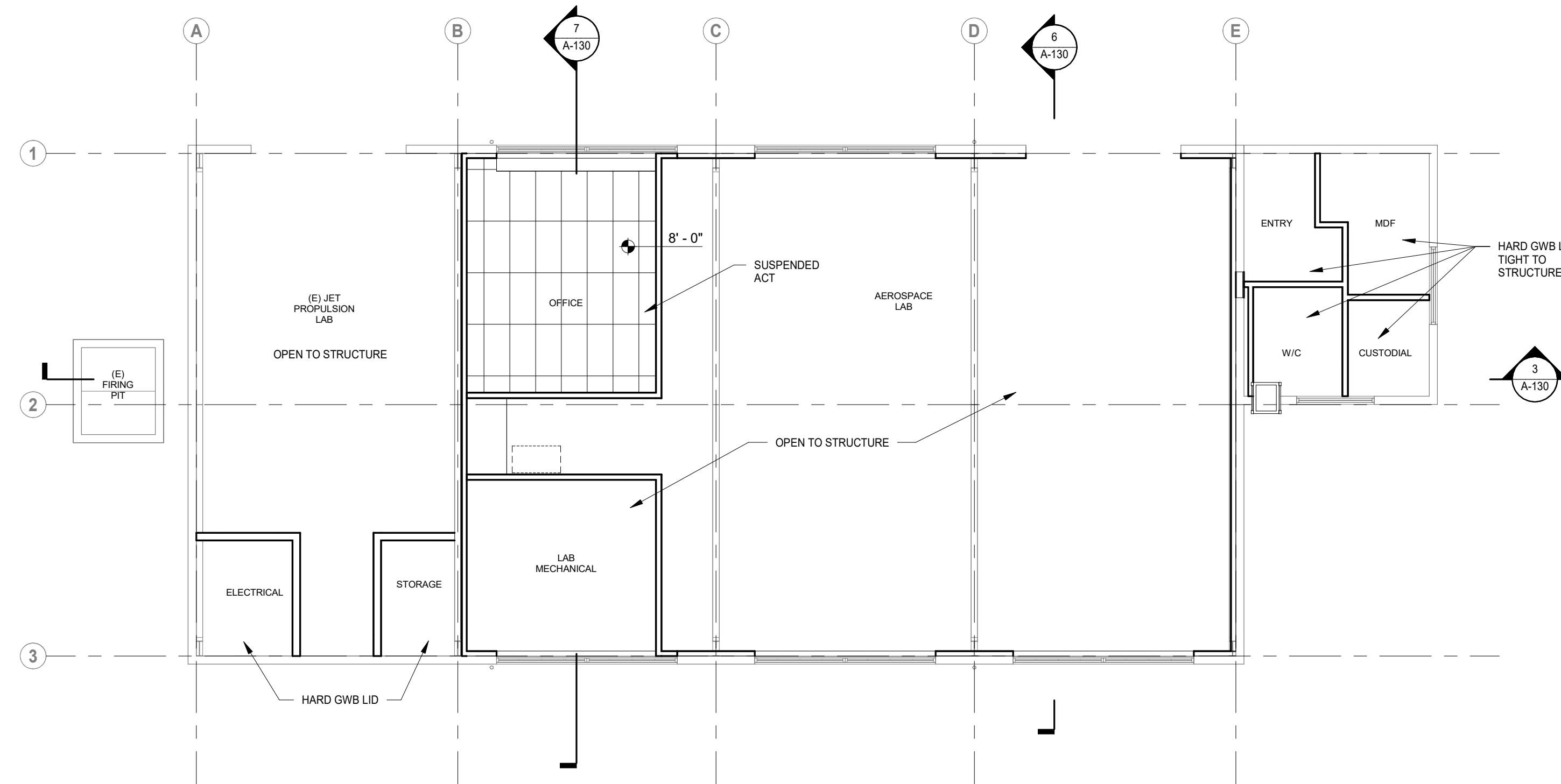
- COORDINATE RCP WITH SCHEDULED CEILING TYPES AND CEILING FINISHES AS NOTED IN FINISH SCHEDULE.
- SEE FLOOR PLAN FOR WALL TYPE CALL OUTS
- COORDINATE ARCHITECTURAL RCP WITH MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- SEE ELECTRICAL SHEETS FOR LIGHTING SCHEDULES AND ADDITIONAL FIXTURE LOCATIONS.
- SEE MECHANICAL SHEETS FOR AIR SUPPLY, RETURN, AND EXHAUST DUCT ROUTING.
- SEE FIRE PROTECTION (FIRE SPRINKLER) SHEETS FOR SPRINKLER PIPE ROUTING. COORDINATE LAYOUT TO AVOID MECHANICAL, PLUMBING, ELECTRICAL AND LIGHTING EQUIPMENT.
- FOR REQUIRED CEILING GRID SEISMIC BRACING SEE TYPICAL SUSPENDED CEILING DETAIL.
- FOR REQUIRED HUNG STUD DETAIL, SEE
- REFER TO FIREPROOFING FLOOR FRAMING DIAGRAMS FOR FIREPROOFING LOCATION AT STRUCTURE AND FLOOR ASSEMBLIES.
- WHERE NOTED, "OPEN TO STRUCTURE" ROOM AREA HAS NO CEILING MATERIAL.
- AT BASEMENT LEVEL ALL ROOMS EXCEPT THE FIRE STAIRS ARE OPEN TO STRUCTURE WITH INSULATION.
- LIGHTING - FOR ROOMS WITH A SINGLE LIGHT FIXTURE, CENTER FIXTURE WITHIN ROOM U.N.O.



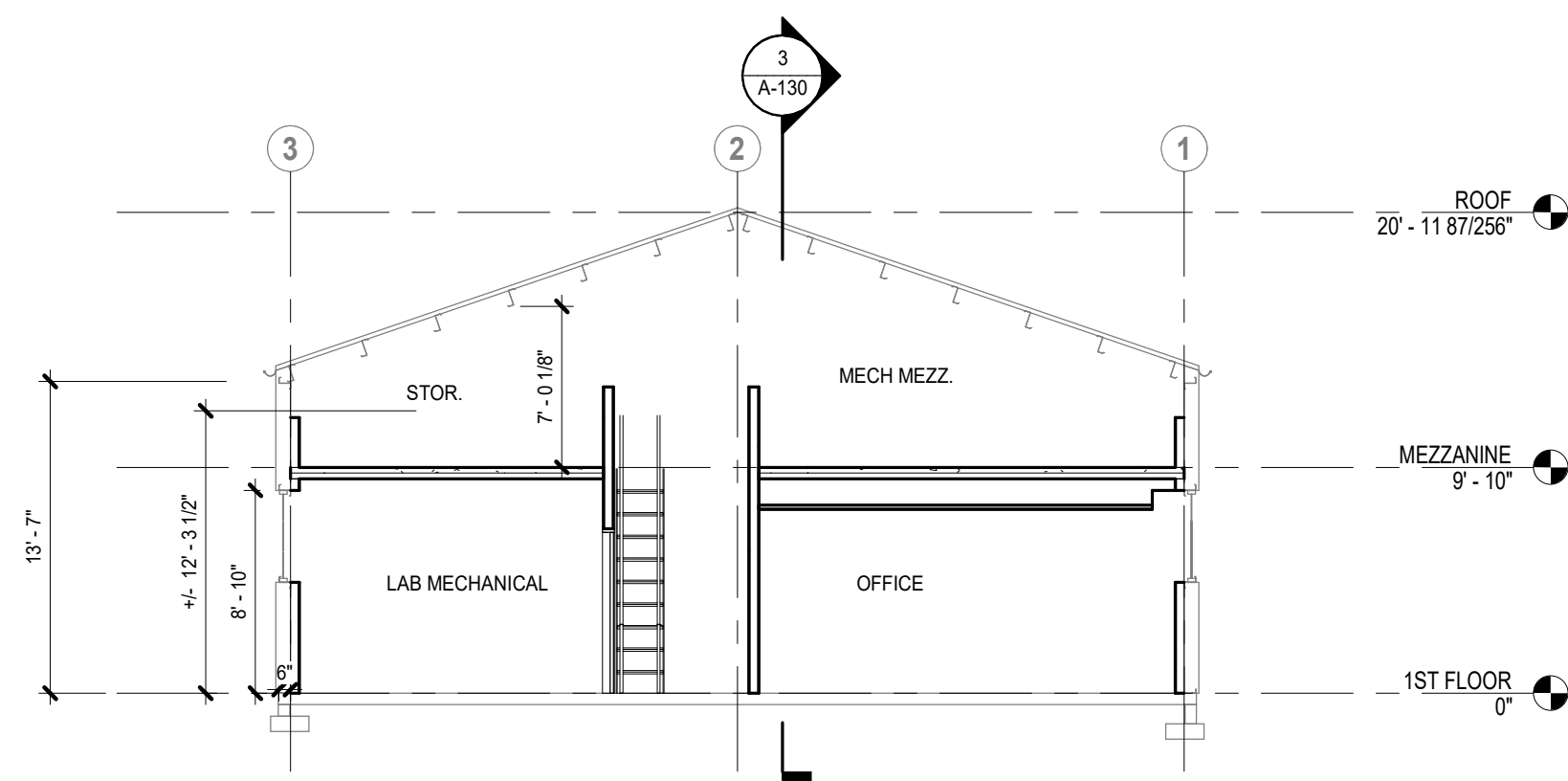
AXONOMETRIC - VIEW FROM NE



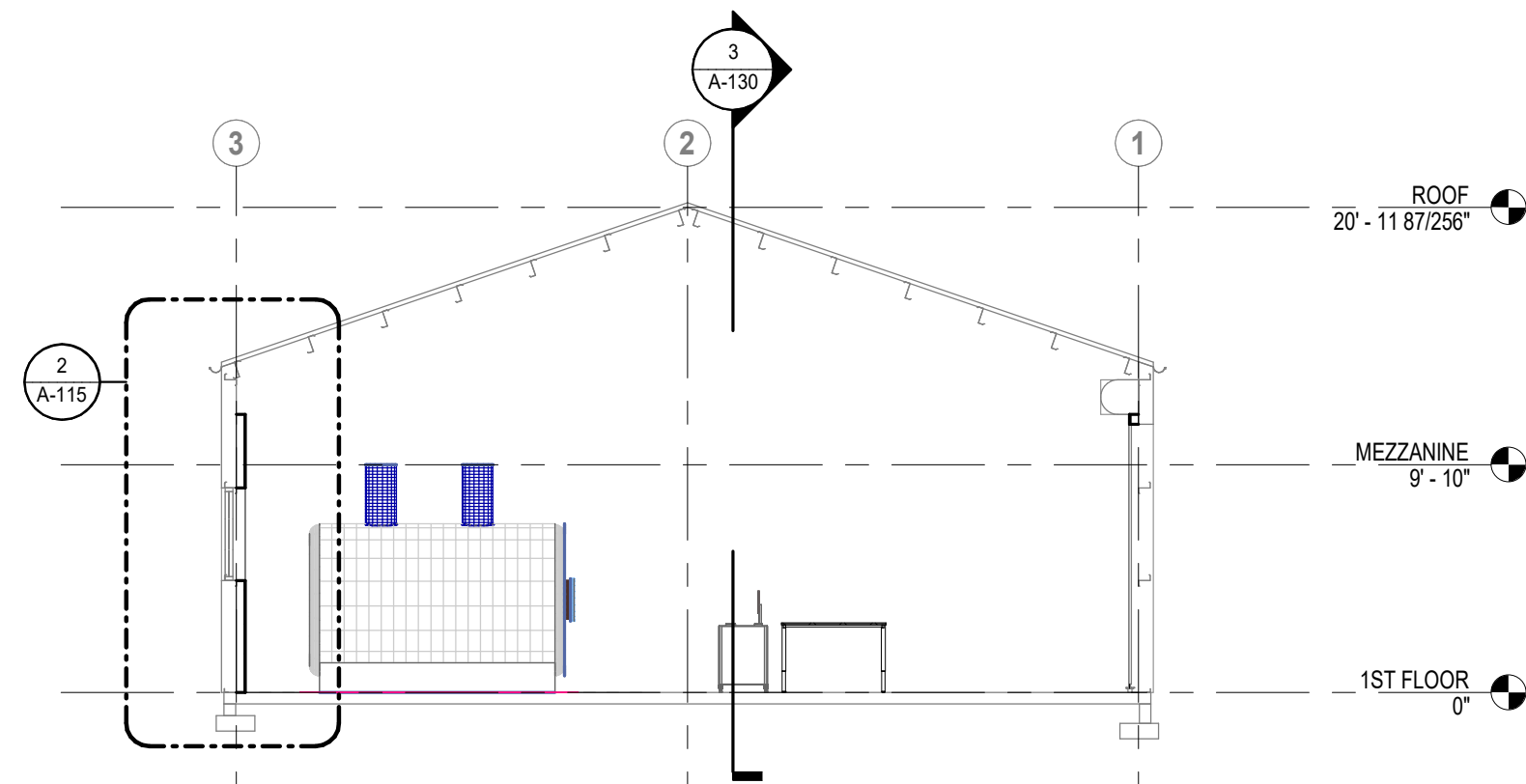
2 WALL SECTION, TYP
1/2" = 1'-0" | Ref: 6 / A-130



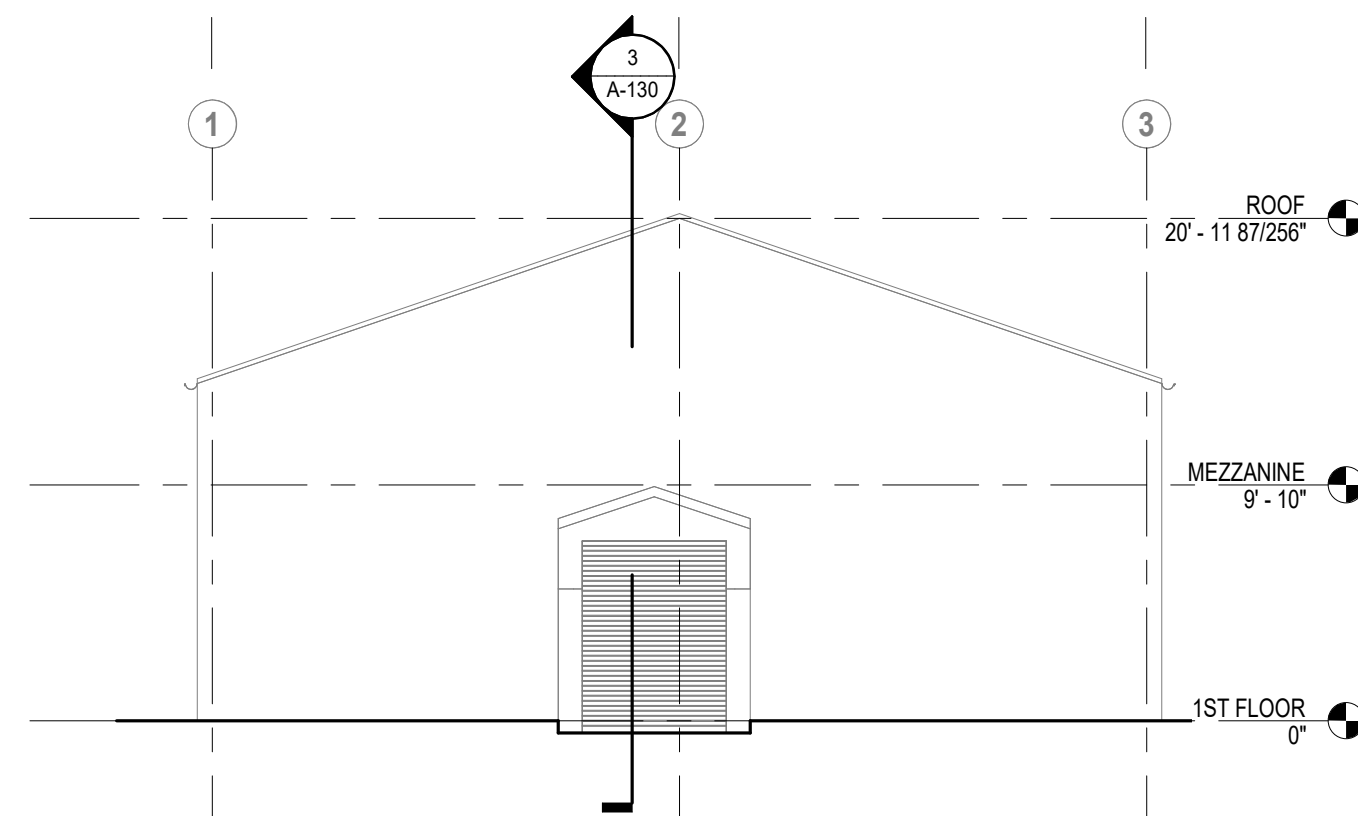
1 1ST FLOOR - REFLECTED CEILING PLAN
1/8" = 1'-0"



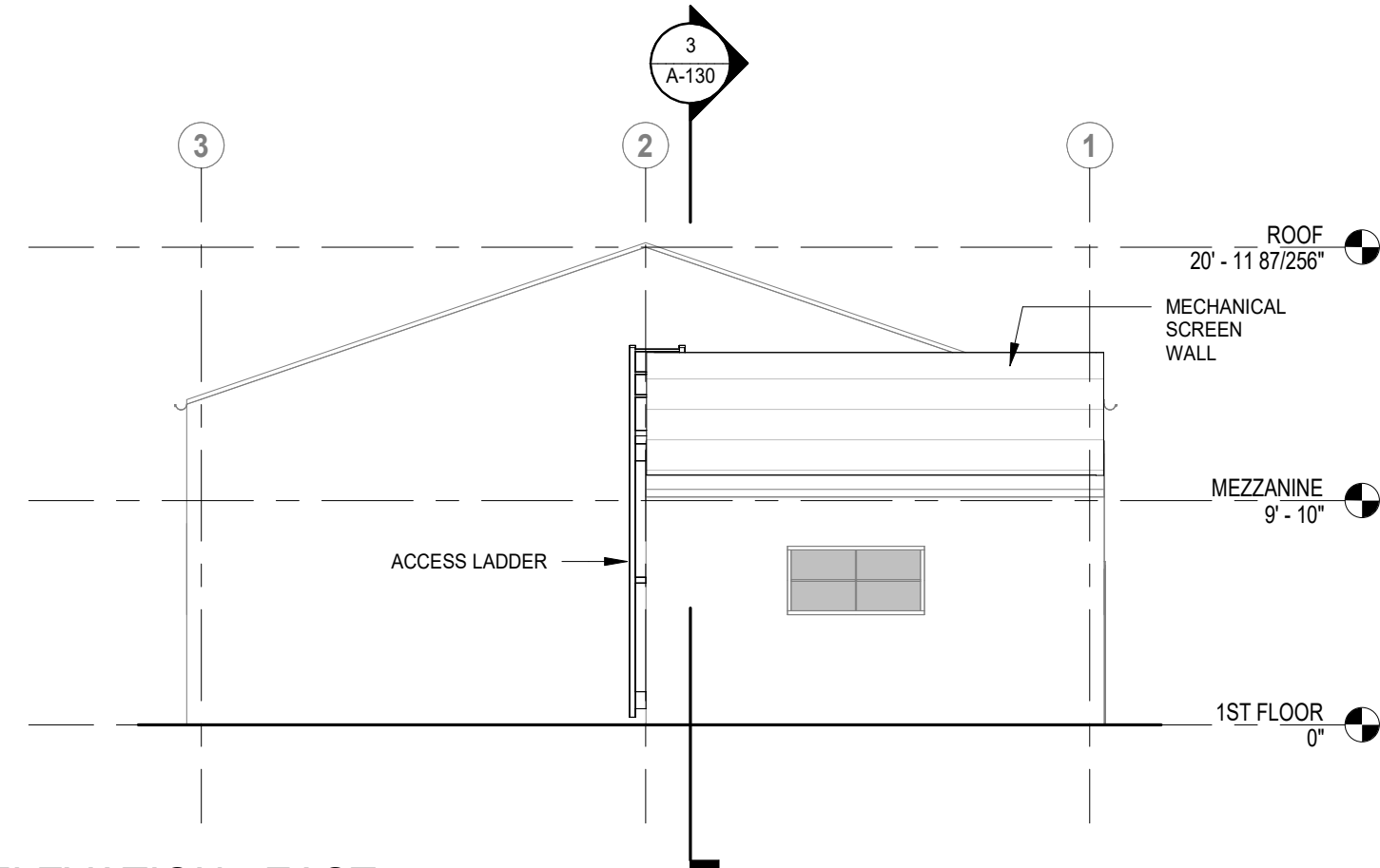
7 SECTION N/S @ OFFICE
1/8" = 1'-0" | Ref: 1 / A-111



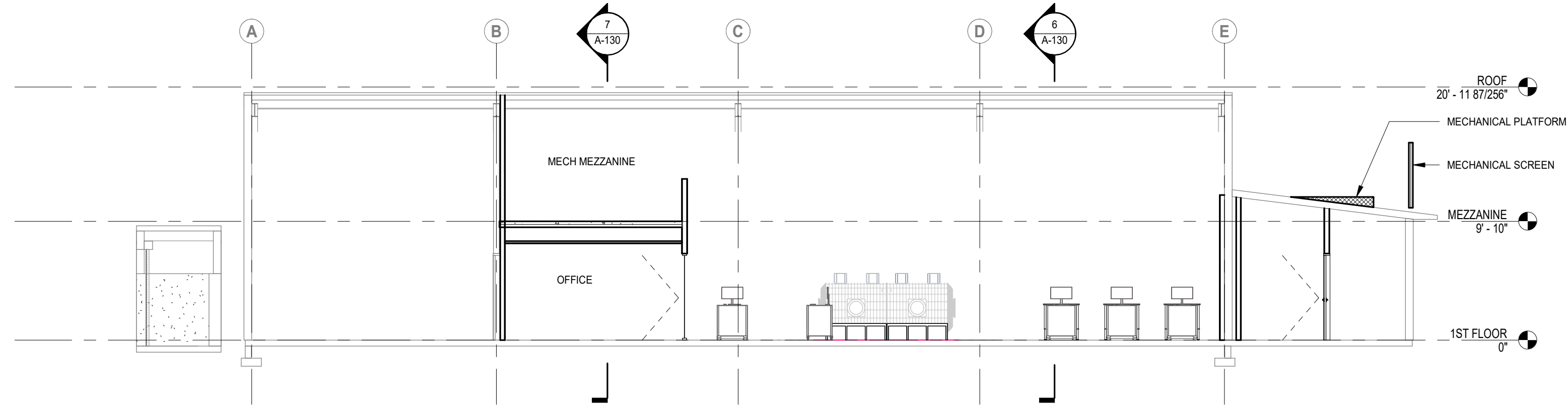
6 SECTION N/S @ LAB
1/8" = 1'-0"



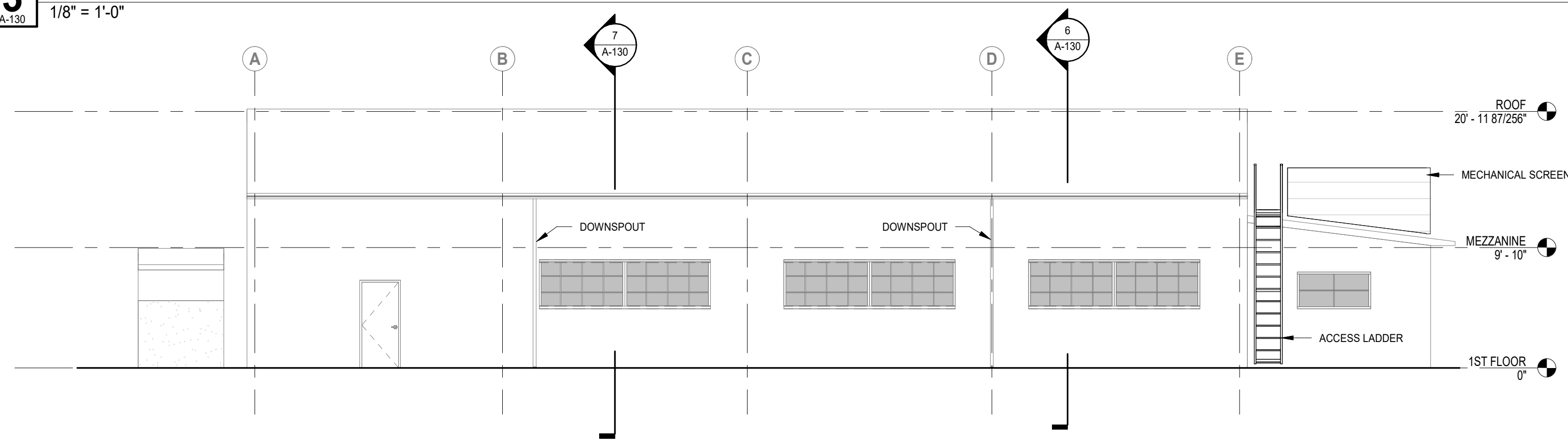
5 ELEVATION - WEST
1/8" = 1'-0"



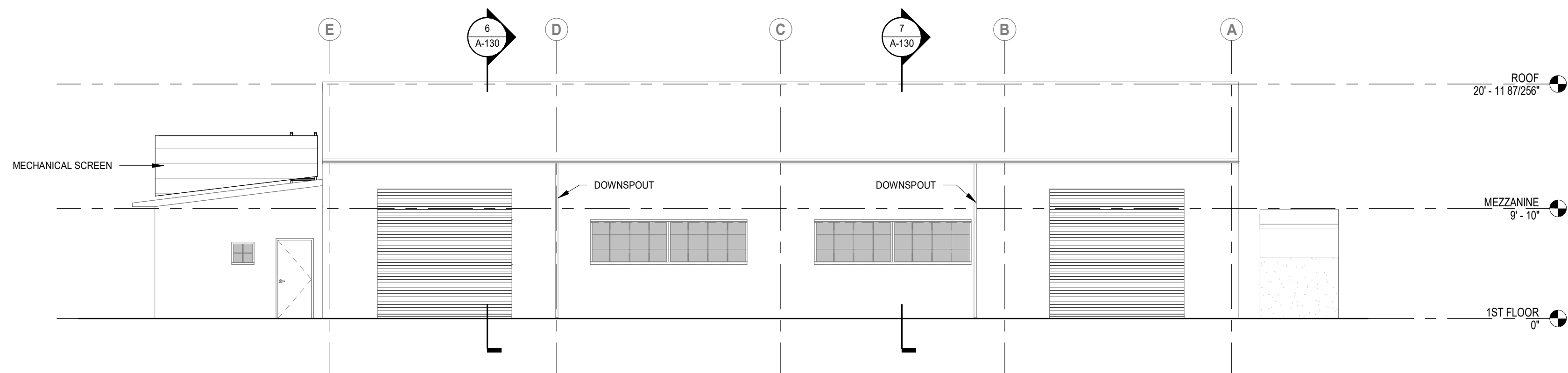
4 ELEVATION - EAST
1/8" = 1'-0"



3 SECTION EW
1/8" = 1'-0"



2 ELEVATION - SOUTH
1/8" = 1'-0"



1 ELEVATION - NORTH
1/8" = 1'-0"

NOT FOR CONSTRUCTION

REVISIONS TO THIS SHEET		
REV.	DATE	DESCRIPTION

SET ISSUE	DATE
SCHEMATIC PRICING	2023.10.23

PROJECT TRACKING	
RBA #:	2218
P.I.C.:	AUSTIN BAILEY
PM / PA:	RYAN CHAMPAGNE

Owner
OSU

Project Name
**Nancy Squires Aerospace
Laboratory Building**

Project Address
**852 SW 30th St, Corvallis, OR
97331**

**BUILDING SECTIONS &
ELEVATIONS**

A-130

ROWELL BROKAW

1203 Willamette Street
Suite 210
Eugene, Oregon 97401
541 485 1003
rowellbrokaw.com

Architecture. Design. Strategy.

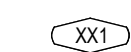
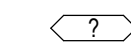
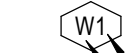
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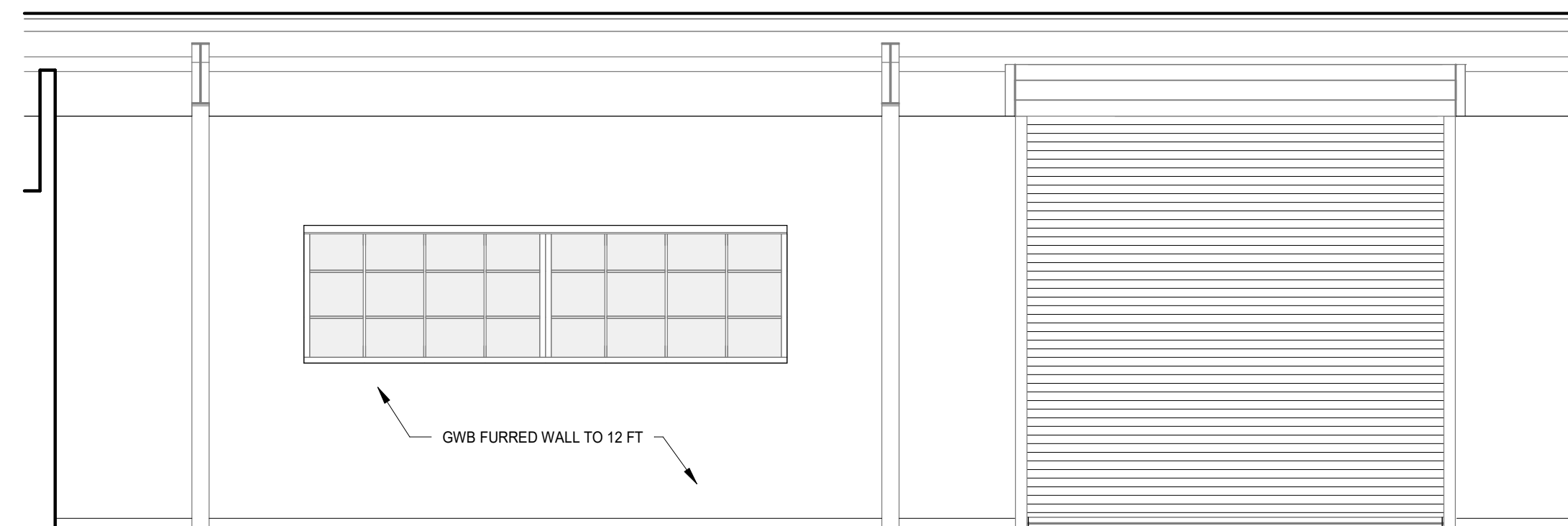
NOT FOR CONSTRUCTION

GENERAL NOTES: INTERIOR ELEVATIONS

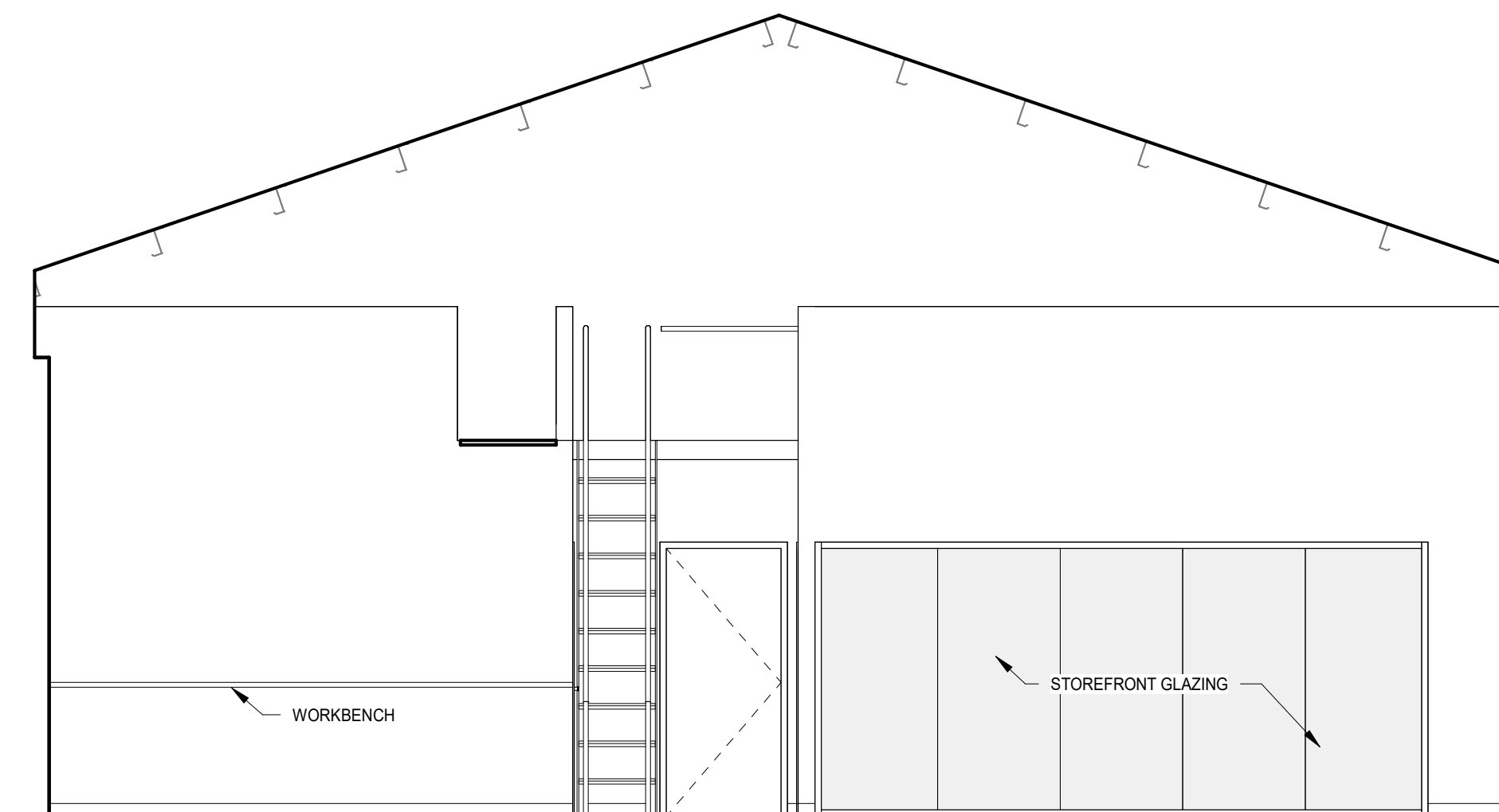
- SEE FLOOR PLANS AND ENLARGED PLANS FOR INTERIOR ELEVATION TAG LOCATIONS.
- PROVIDE GWB AT ALL WALLS AND SOFFIT FACES. SEE WALL ASSEMBLY TYPES FOR LOCATIONS WITH MORE THAN (1) LAYER OF GWB. NOTE THAT GWB WILL BE SUBSTRATE FOR ALL OF THE FINISH MATERIALS.
- SEE FINISH SCHEDULES FOR ADDITIONAL INFORMATION ON FINISH MATERIAL LOCATIONS.

KEY

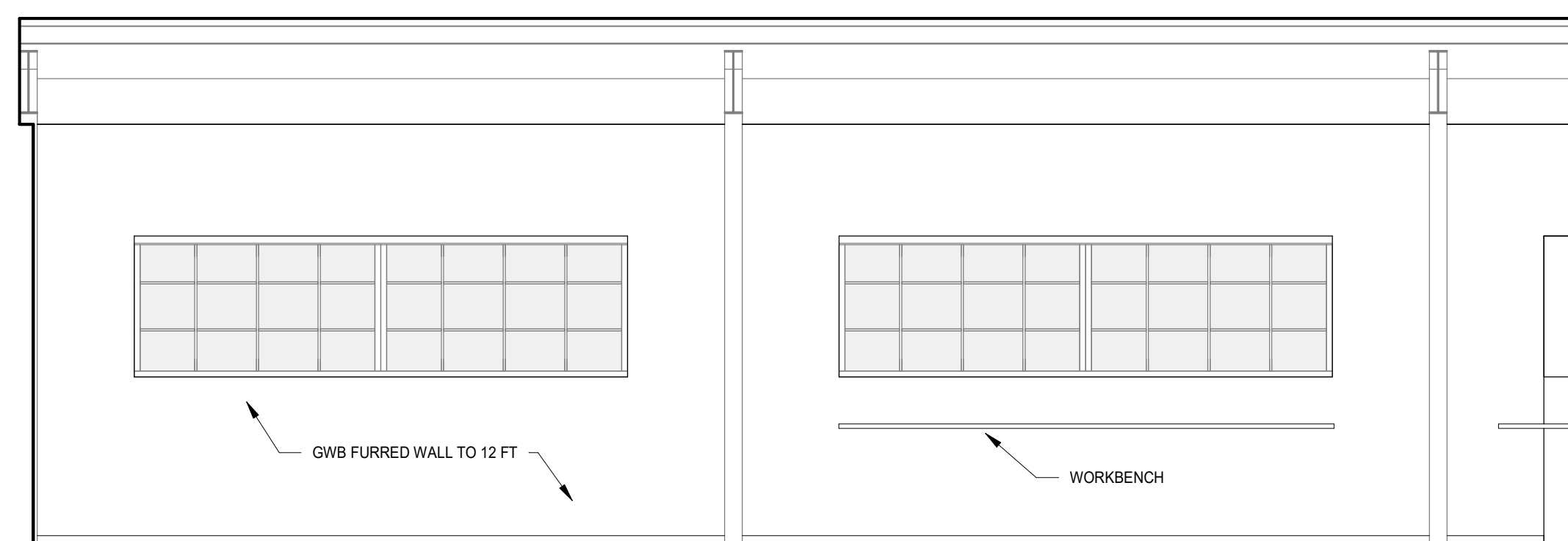
-  PRODUCT CALLOUT. SEE PRODUCT KEY ON SHEET A10.01
-  KEYNOTE. SEE KEYNOTE LEGEND THIS SHEET
-  INTERIOR STOREFRONT TAG
I.D.
RM. #



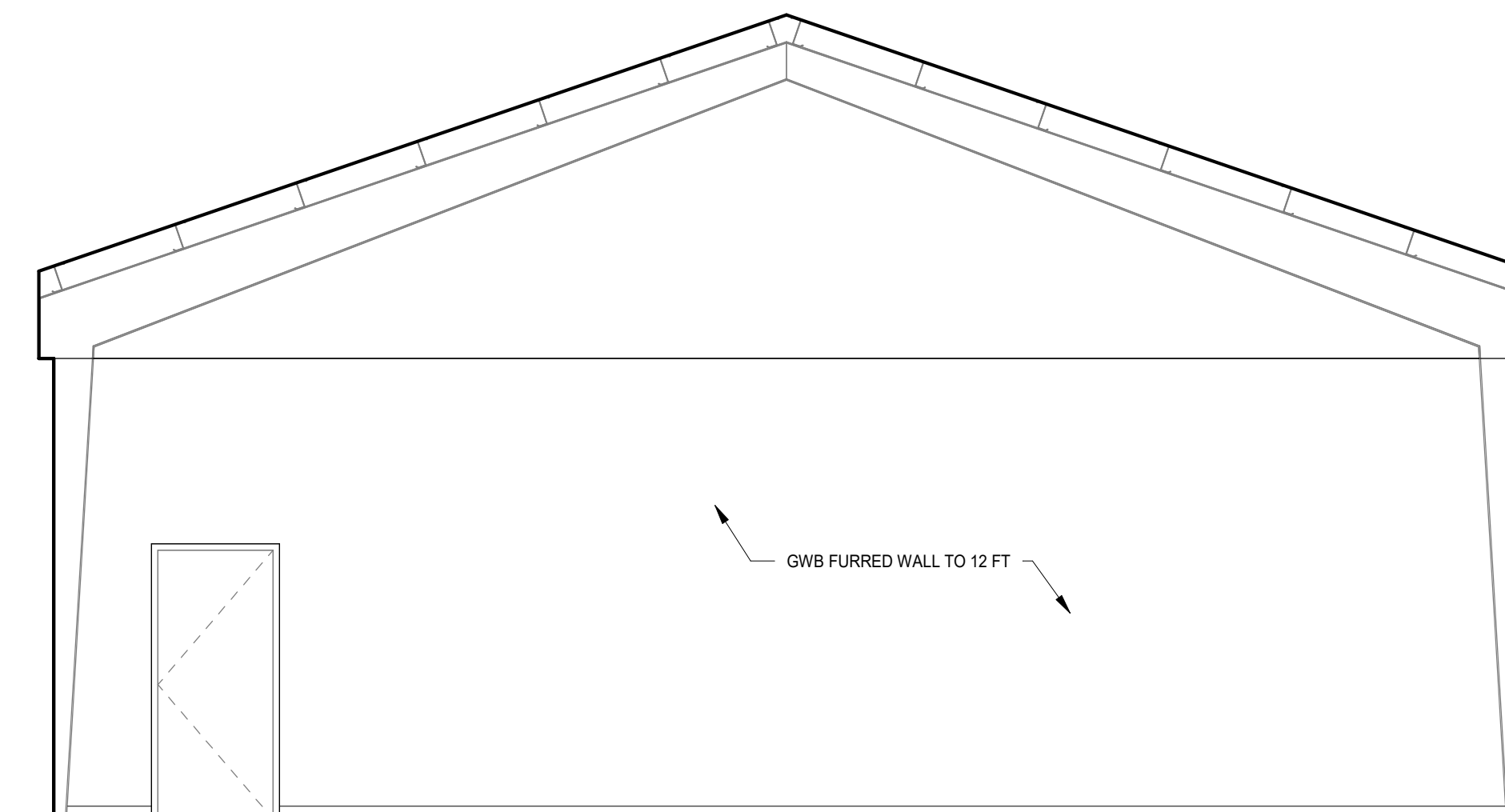
4 INTERIOR ELEV - LAB - NORTH
A-140 1/4" = 1'-0"



2 INTERIOR ELEV - LAB - WEST
A-140 1/4" = 1'-0"



3 INTERIOR ELEV - LAB - SOUTH
A-140 1/4" = 1'-0"



1 INTERIOR ELEV - LAB - EAST
A-140 1/4" = 1'-0"

REVISIONS TO THIS SHEET

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Owner

OSU

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97331**

INTERIOR ELEVATIONS

A-140

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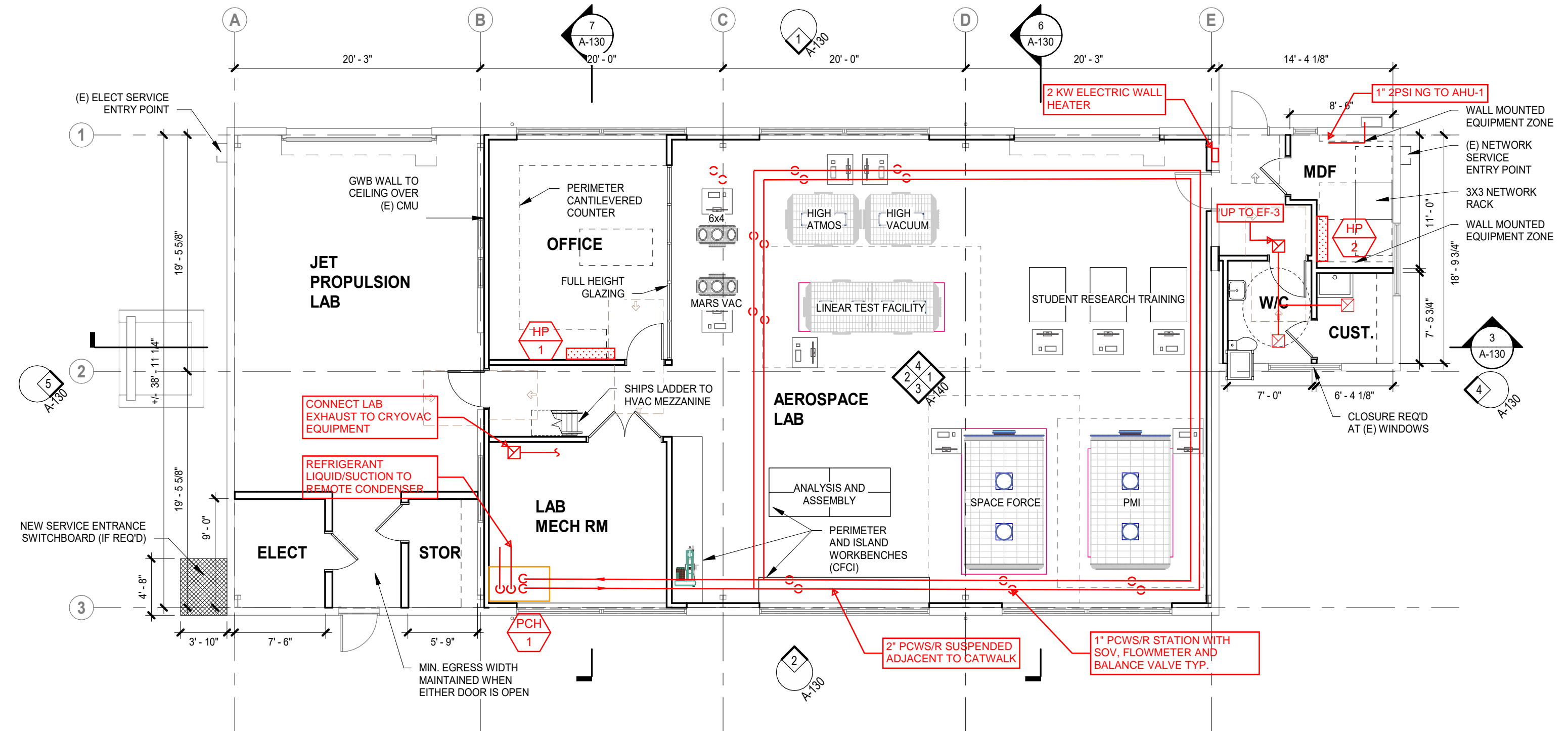
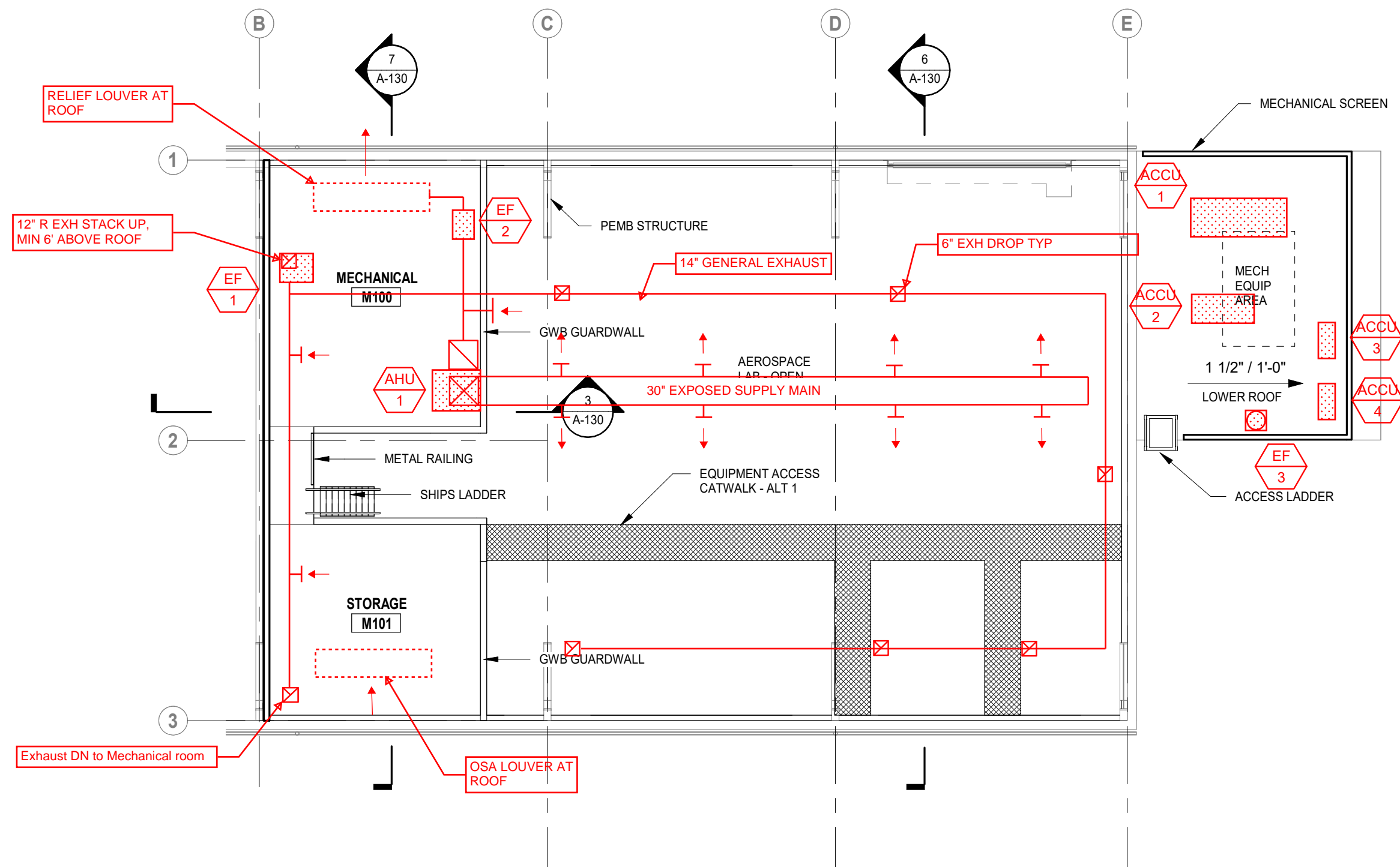
Owner
OSU

Project Name
Nancy Squires Aerospace Laboratory Building

Project Address
852 SW 30th St, Corvallis, OR 97331

1ST FLOOR PLAN MECHANICAL

M-111

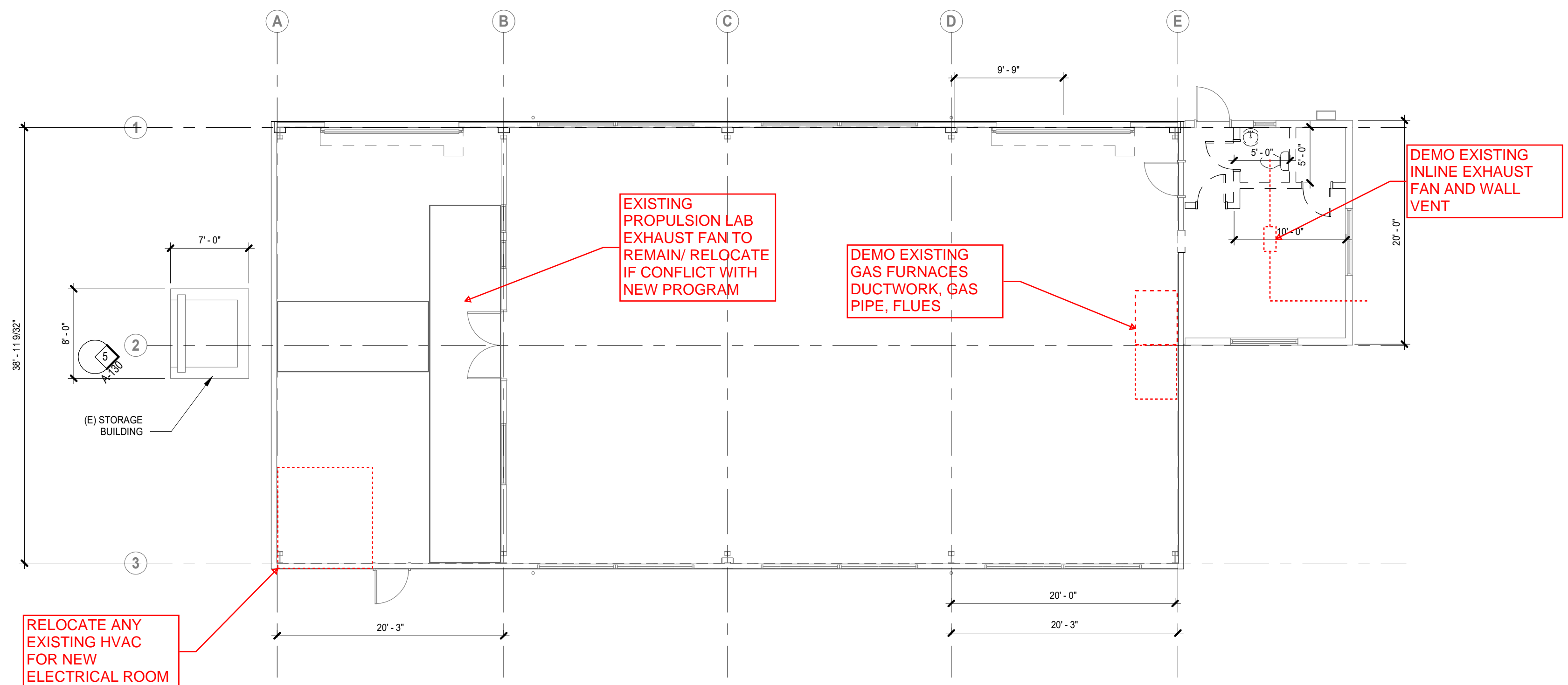


3 FLOOR PLAN - MEZZANINE & LOW ROOF MECHANICAL NEW
1/8" = 1'-0"

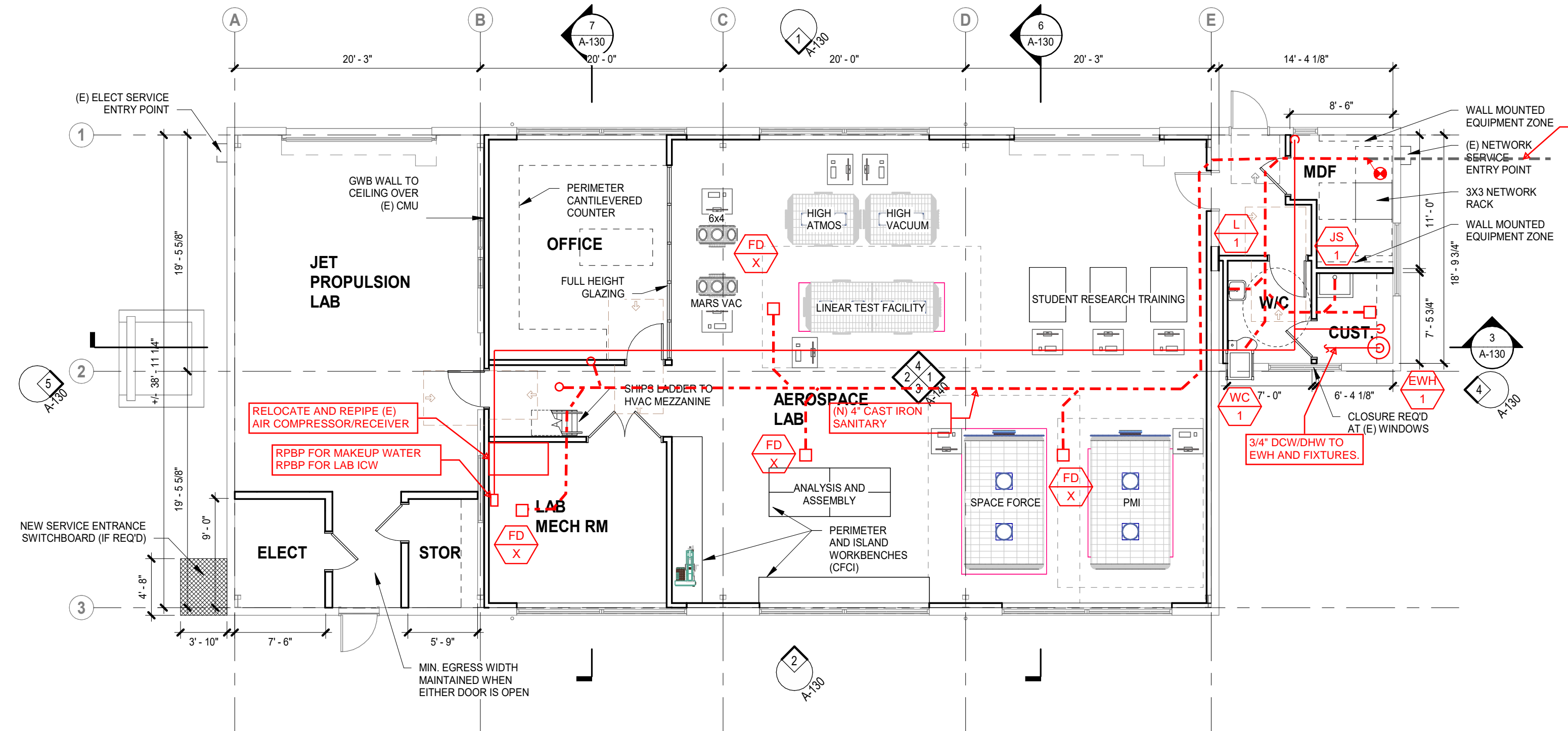
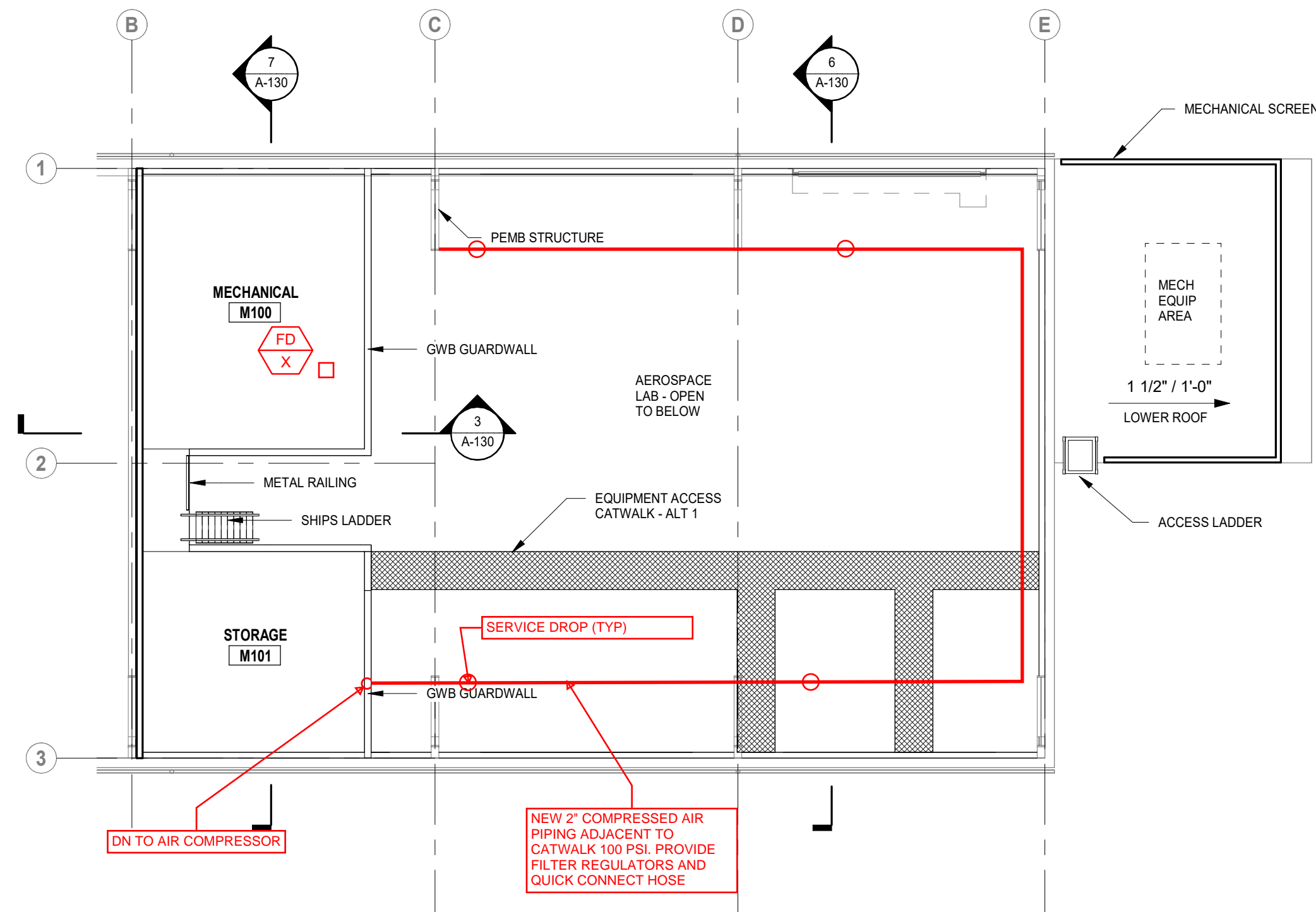
1 1ST FLOOR MECHANICAL NEW
1/8" = 1'-0"

HVAC EQUIPMENT SCHEDULE

TAG	EQUIPMENT
AHU ACCU 1 1	SPLIT SYSTEM HEAT PUMP WITH GAS FURNACE: 3,600 CFM, 110MBH TOTAL/ 95 MBH SENSIBLE DX COOLING, 120 MBH HEAT PUMP HEATING 200 MBH MODULATING GAS FURNACE. MERV 13 PREFILTER. ECM FAN MOTOR. OUTDOOR UNIT DIGITAL SCROLL, DUAL FAN HEAT PUMP, SPRING ISOLATORS. FULL ECONOMIZER, 50% MIN OSA
HP ACCU 1 3 2 4	MINISPLIT HEATPUMP: 2-TON NOMINAL CAPACITY, BASIS OF DESIGN MITSUBISHI P-SERIES
EF 1	LABORATORY EXHAUST FAN: 2,000 CFM NOMINAL, DIRECT DRIVE UTILITY SET, ECM MOTOR
EF 2	RELIEF FAN: 2,400 CFM, INLINE DIRECT DRIVE, ECM MOTOR
EF 3	TOILET EXHAUST FAN: 400 CFM DOWNBLAST CENTRIFUGAL, ECM MOTOR
PCH ACCU 1 3	PROCESS CHILLER: 5-TON NOMINAL CAPACITY, REMOTE CONDENSER, TANK/PUMP PACKAGE. BASIS OF DESIGN: G&D CHILLERS



2 1ST FLOOR-Existing MECHANICAL DEMO
1/8" = 1'-0"



SCOPE EXISTING SANITARY AND REPLACE AS NEEDED

NOT FOR CONSTRUCTION

REVISIONS TO THIS SHEET		
REV.	DATE	DESCRIPTION

SET	ISSUE	DATE
SCHEMATIC DESIGN	2023.XX.XX	

PROJECT TRACKING	
RBA #:	2218
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PM / PA:	RYAN CHAMPAGNE

Owner
OSU

Project Name
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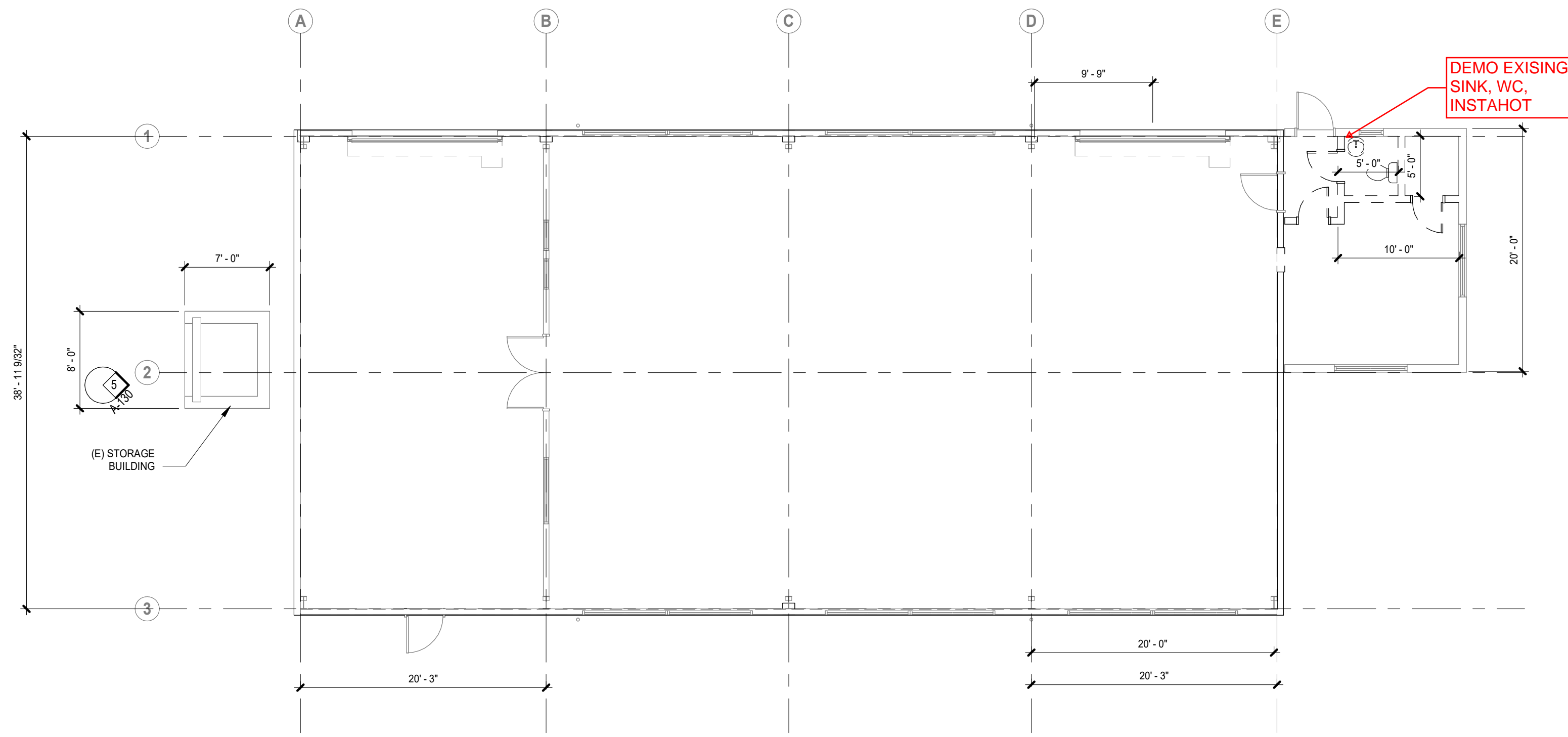
Project Address
852 SW 30th St, Corvallis, OR 97331

1ST FLOOR PLAN PLUMBING

3 FLOOR PLAN - MEZZANINE & LOW ROOF PLUMBING NEW
1/8" = 1'-0"

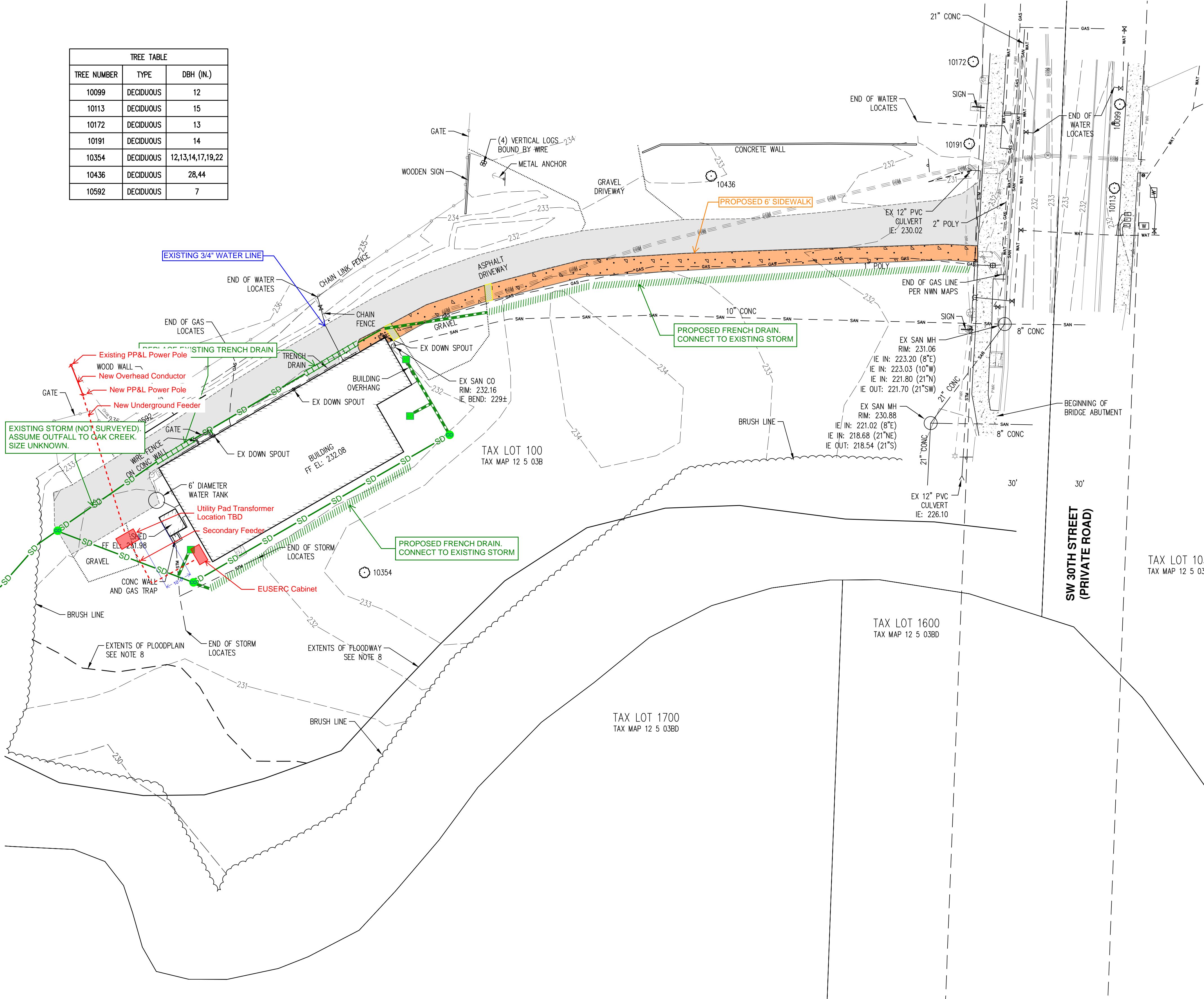
1 1ST FLOOR PLUMBING NEW
1/8" = 1'-0"

TAG	EQUIPMENT
EW1	ELECTRIC WATER HEATER: 60 GALLON
WC1	PRESSURE TANK WATER CLOSET: 1GPF, ADA HEIGHT
L1	WALL-HUNG LAVATORY: VITREOUS CHINA, .5GPM ADA
FDX	FLOOD DRAIN: 4" CAST IRON
MS1	MOP SINK: PRECAST, WALL HUNG MIXING FAUCET, VACUUM BREAKER



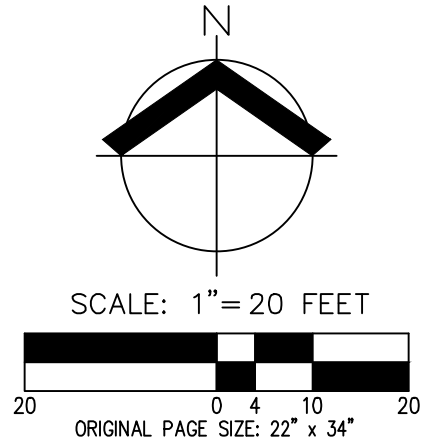
2 1ST FLOOR-Existing PLUMBING DEMO
1/8" = 1'-0"

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10436	DECIDUOUS	28,44
10592	DECIDUOUS	7



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EXISTING	EXISTING
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CONIFEROUS TREE	STORM DRAIN CATCH BASIN
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SANITARY SEWER MANHOLE	GUY WIRE ANCHOR
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	STREET LIGHT
	EXISTING
RIGHT-OF-WAY LINE	
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CENTERLINE	
DITCH	
CURB	
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EASEMENT	
FENCE LINE	
GRAVEL EDGE	
OVERHEAD WIRE	
COMMUNICATIONS LINE	
GAS LINE	
STORM DRAIN LINE	
SANITARY SEWER LINE	
WATER LINE	



SHEET LEGEND

	TACTILE WARNING
	AREA DRAIN
	CLEANOUT
	FRENCH DRAIN
	TRENCH DRAIN
	EXISTING STORMWATER LINE
	PROPOSED STORMWATER LINE

OSU AERO LAB
CORVALLIS
 OREGON
 BENTON COUNTY TAX MAP 12 5 03B
 TAX LOT 100

ELECTRICAL SITE PLAN

DESIGNED BY:	
DRAWN BY:	CC
MANAGED BY:	BH
CHECKED BY:	BH

REVISIONS	

E-100

AKS DRAWING FILE: 96735COND.DWG | LAYOUT: 01

REVISIONS TO THIS SHEET		
REV.	DATE	DESCRIPTION

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SCHEMATIC DESIGN	2023.XX.XX

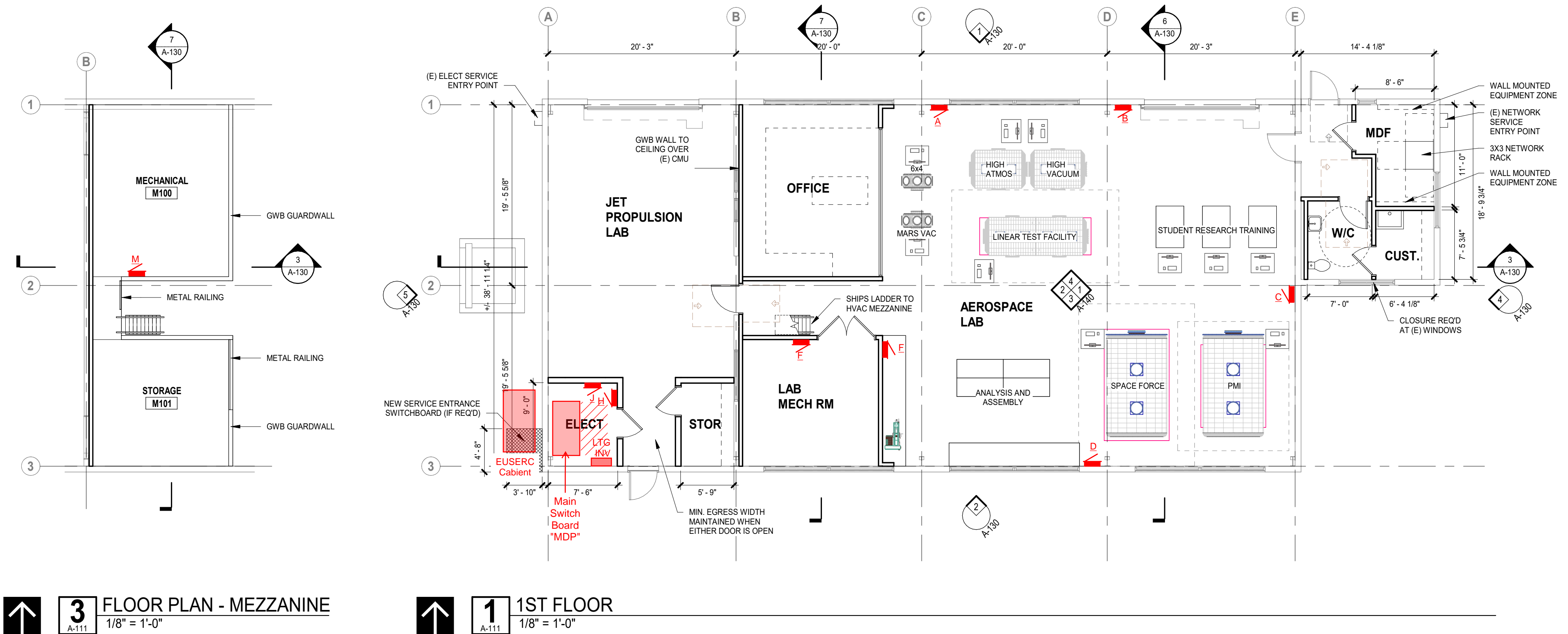
PROJECT TRACKING	
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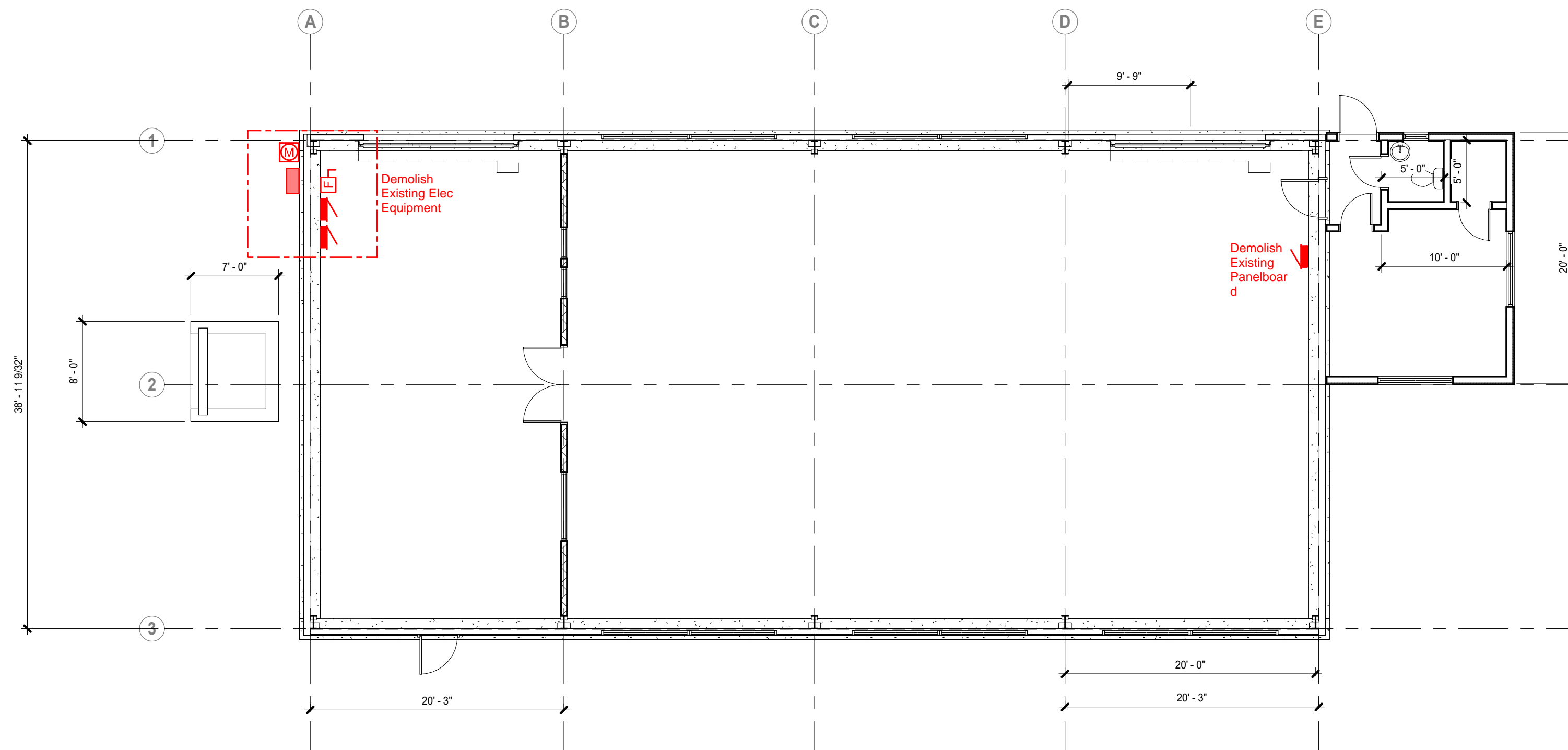
Project Address
852 SW 30th St, Corvallis, OR 97331

1ST FLOOR PLAN

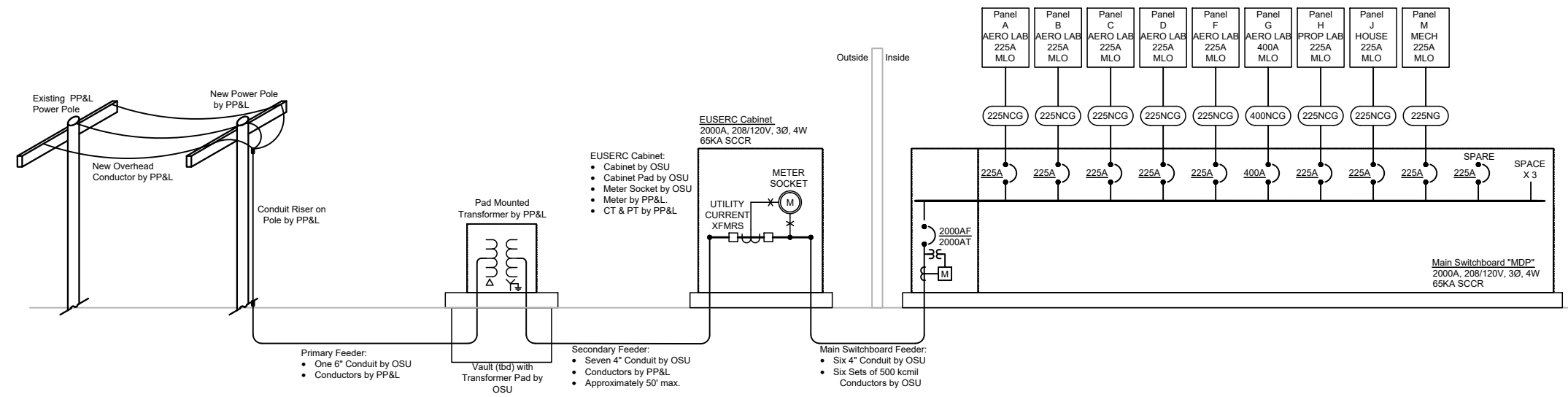


3 FLOOR PLAN - MEZZANINE
1/8" = 1'-0"

1 1ST FLOOR
1/8" = 1'-0"



2 1ST FLOOR-Existing
1/8" = 1'-0"



1 ELECTRICAL ONE LINE DIAGRAM - 208/120V, 3 Phase, 4 Wire
SCALE: NONE

Keyplan

Issuance and Revisions		
Rev	Date	Description

Project Title
Nancy Squires Aerospace Laboratory Building
 852 SW 30th St
 Corvallis, OR 97331

Project Number	
Date Issued	Scale
Drawn By	Checked By

Sheet Title
ELECTRICAL ONE-LINE DIAGRAM

Sheet Number
E-501