

SCIENCE CLASSROOM AND SCIENCE PREP ROOM AT PUYALLUP HIGH SCHOOL

105 7TH AVE SW
PUYALLUP, WA 98371

PROJECT INFORMATION

PARCEL NUMBERS:
5870000151
LEGAL DESCRIPTION

Tax Description
Section 28 Township 20 Range 04 Quarter 42 MILLERS A J TO PUYALLUP PUYALLUP HIGH SCHOOL PROP L 1 THRU 8 B 5, L 1 THRU 12 B 6 INCL 2ND AVE VAC TOGW POR MAIN ST ABUTT VAC BY ORD 2582 TOGW MAPLEWOOD ADD L 1 THRU 17 B 1, L 1 THRU 17 B 6, L 1 THRU 17 B 7 INCL MEEKER & ALLEY VAC TOGW POR MAIN ST ABUTT VAC BY ORD 2582 APPROVED COMB BY CY OF PUYALLUP PLANNING DEPT 2/13/09 COMB OF 015-0 & 550500-001-0 & 024-0 SEG 2009-0561 JU 2/24/09JU

Area:
8.380 ACRES (365,033 SF)

ZONING
PF (PUBLIC FACILITIES)

ARCHITECT
studic MENG STRAZZARA
2001 WESTERN AVE, STE 200, SEATTLE, WA 98101
www.studicmengo.com P: 206.987.2107

CONSULTANT

PRCTI20231574

CLIENT/OWNER
PUYALLUP SCHOOL DISTRICT
A Tradition of Excellence

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

TITLE
SCIENCE CLASSROOM & SCIENCE PREP ROOM AT PUYALLUP HIGH SCHOOL
105 7TH ST SW
PUYALLUP, WA 98371

STAMP
6181 REGISTERED ARCHITECT
MENG STRAZZARA
STATE OF WASHINGTON

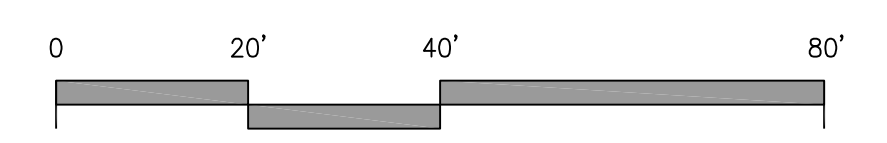
ISSUED: DATE:
PERMIT SET OCT. 26 2023
PERMIT RESUBMITTAL SET JAN. 2, 2024

SITE PLAN

Building Permit #: _____
Site Permit #: _____
Owner's Project #: _____
Architect's Project #: 2023106
Drawn By: RL
Checked By: RL

PERMIT REVIEWER STAMP

AS100



**OVERALL FLOOR PLAN
GENERAL DEMOLITION NOTES**

- OVERALL PLANS ARE PROVIDED FOR PLAN REFERENCE ONLY. REFER TO ENLARGED ROOM PLANS AND INTERIOR ELEVATIONS FOR MORE INFORMATION. SEE ENLARGED PLANS ON A77 SERIES DWGS FOR PLAN INFORMATION.
- NO ARCHITECTURAL WORK SCOPE AT BUILDING 05-01 FLOORS 2 & 3 EXCEPT FOR MEP SCOPE. REFER TO MEP SHEETS FOR MORE INFORMATION.
- BUILDING-02 IS LIMITED TO DEMOLITION/SALVAGE OF ITEMS TO BE PLACED IN BUILDING-01 FOR SCIENCE PROGRAM RELOCATION. CAP REMAINING UTILITY LINES AT BUILDING #2 AFTER PLUMBING REMOVAL. NO NEW WORK SCOPE AT BUILDING 50-02 AT EITHER LEVEL.

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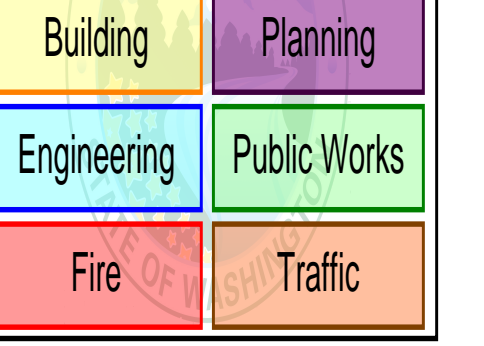
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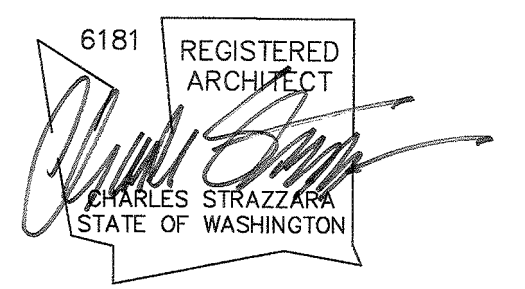
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Development & Permitting Services
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& SCIENCE PREP
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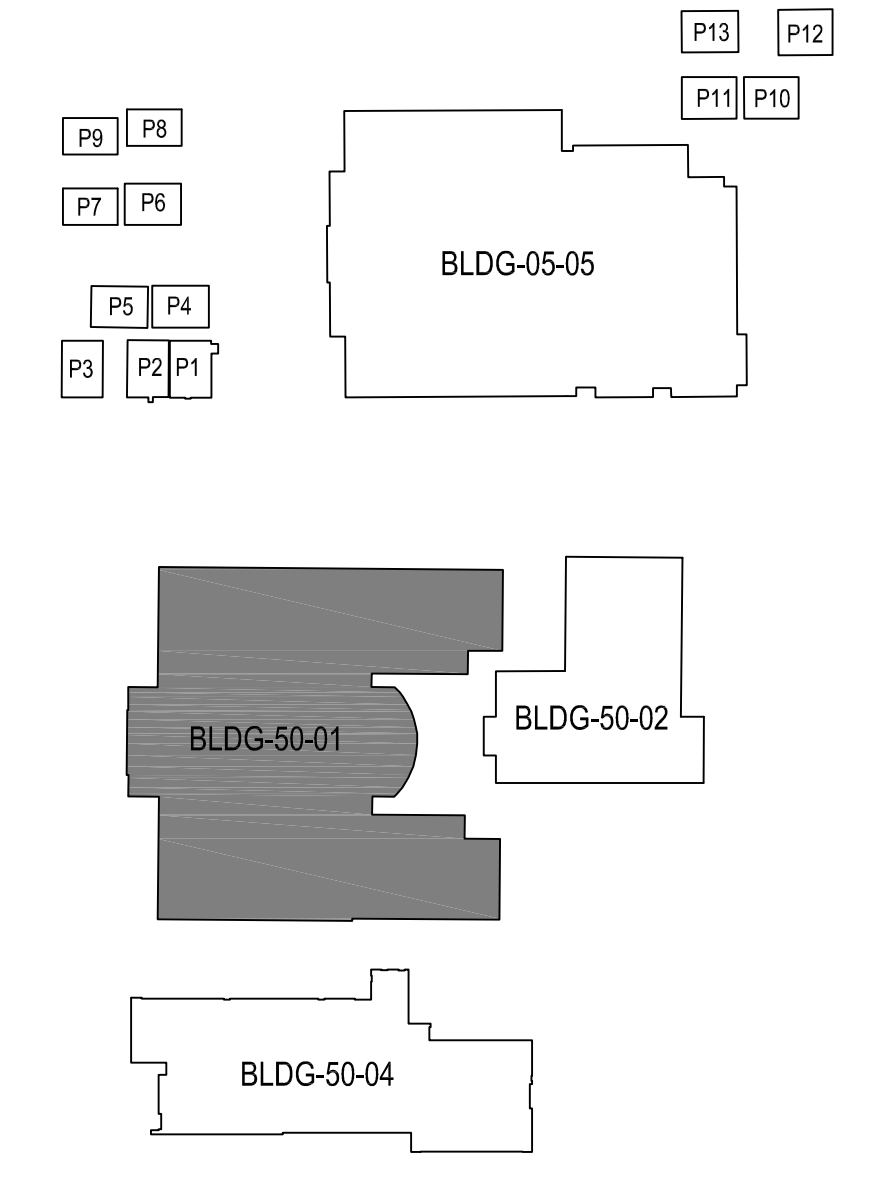
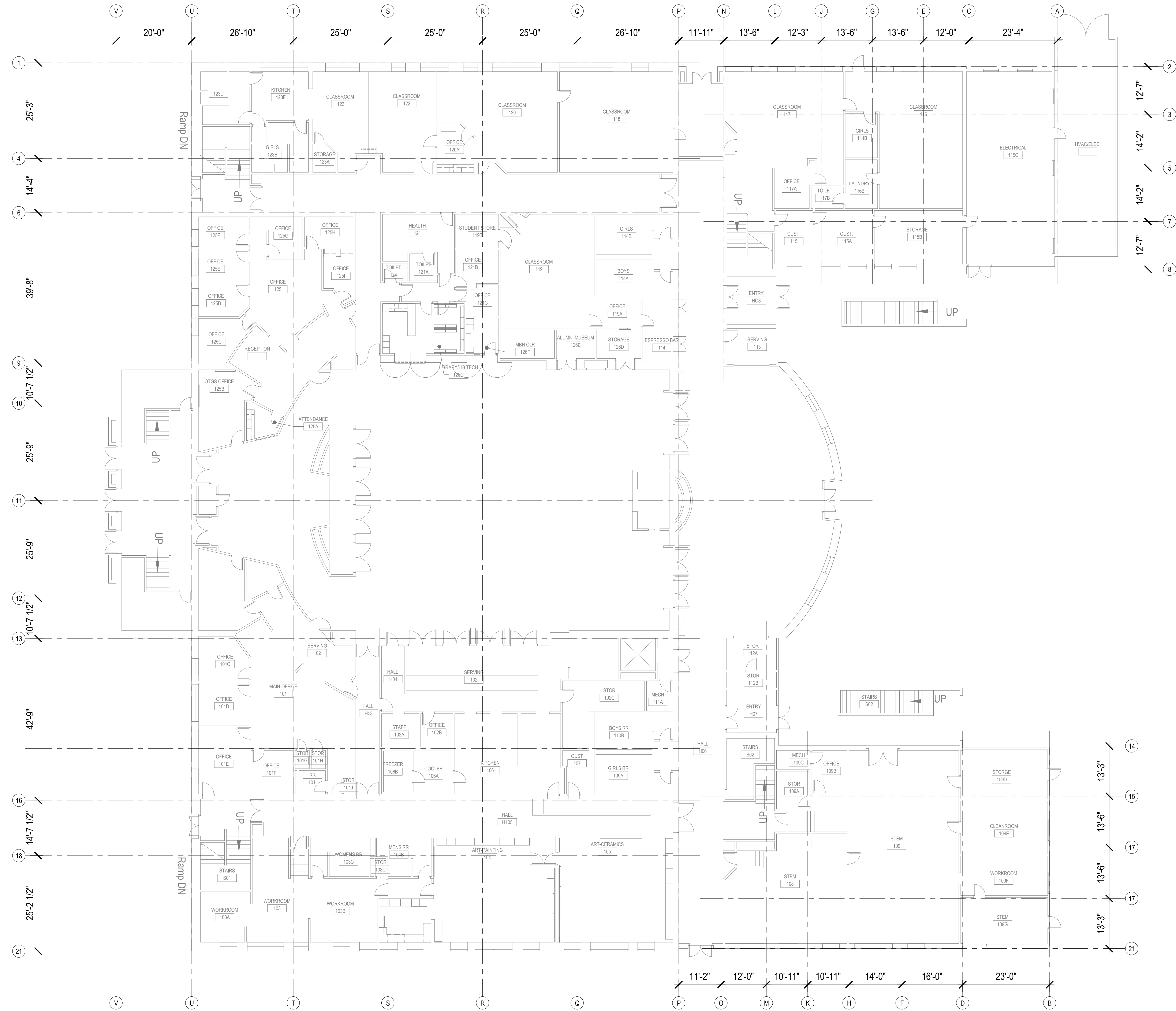


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**OVERALL
1ST FLOOR
DEMO FLOORPLAN
BUILDING 50-01**

Building Permit #: _____
Site Permit #: _____
Owner's Project #: _____
Architect's Project #: 2023106
Drawn By: RL
Checked By: RL

AD01-101



1 OVERALL 1ST FLOOR DEMOLITION FLOORPLAN BUILDING 50-01
SCALE: 3/32" = 1'-0"

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GENERAL DEMOLITION NOTES**

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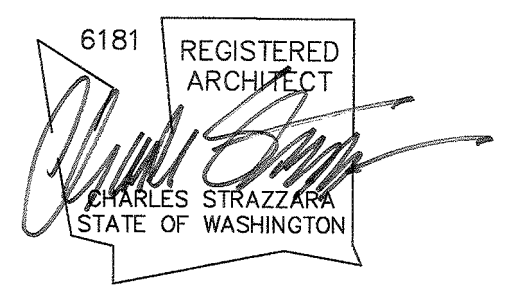
City of Puyallup
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Fire	Traffic

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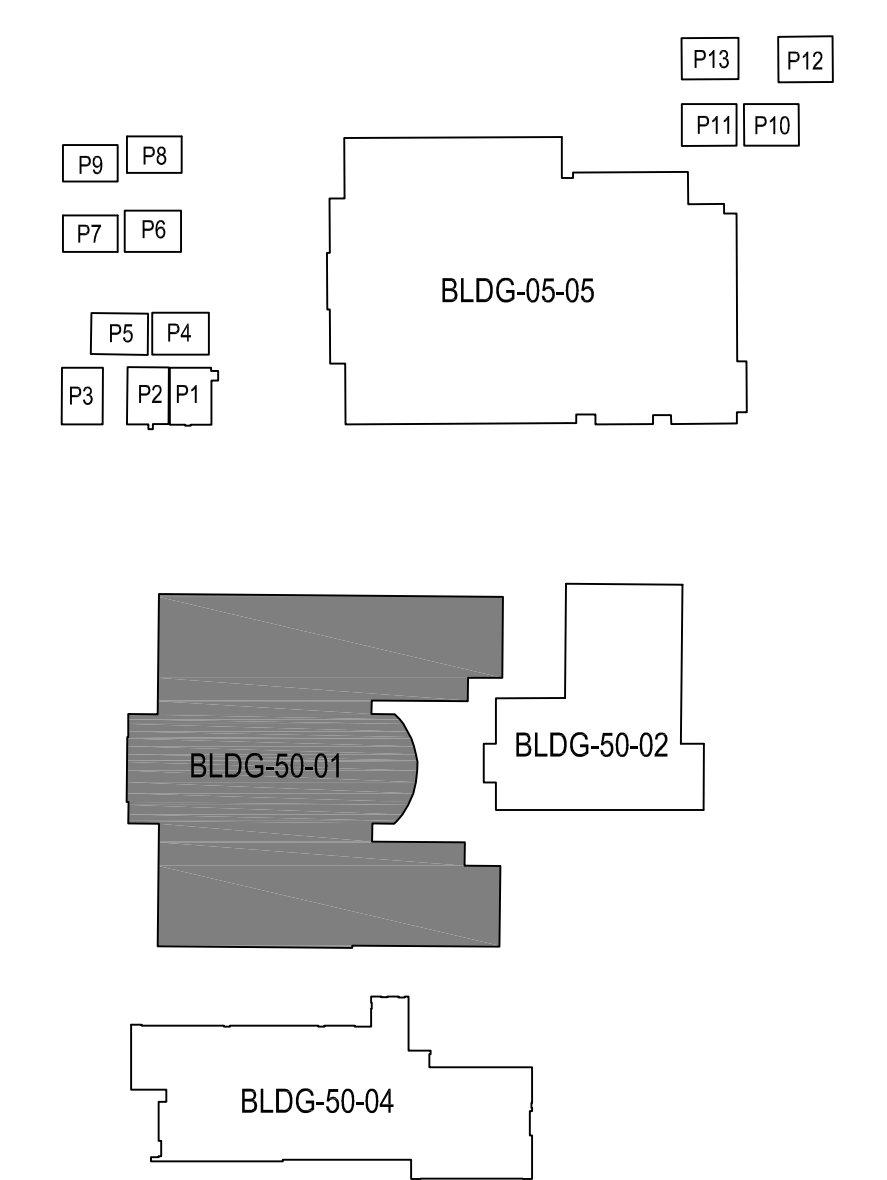
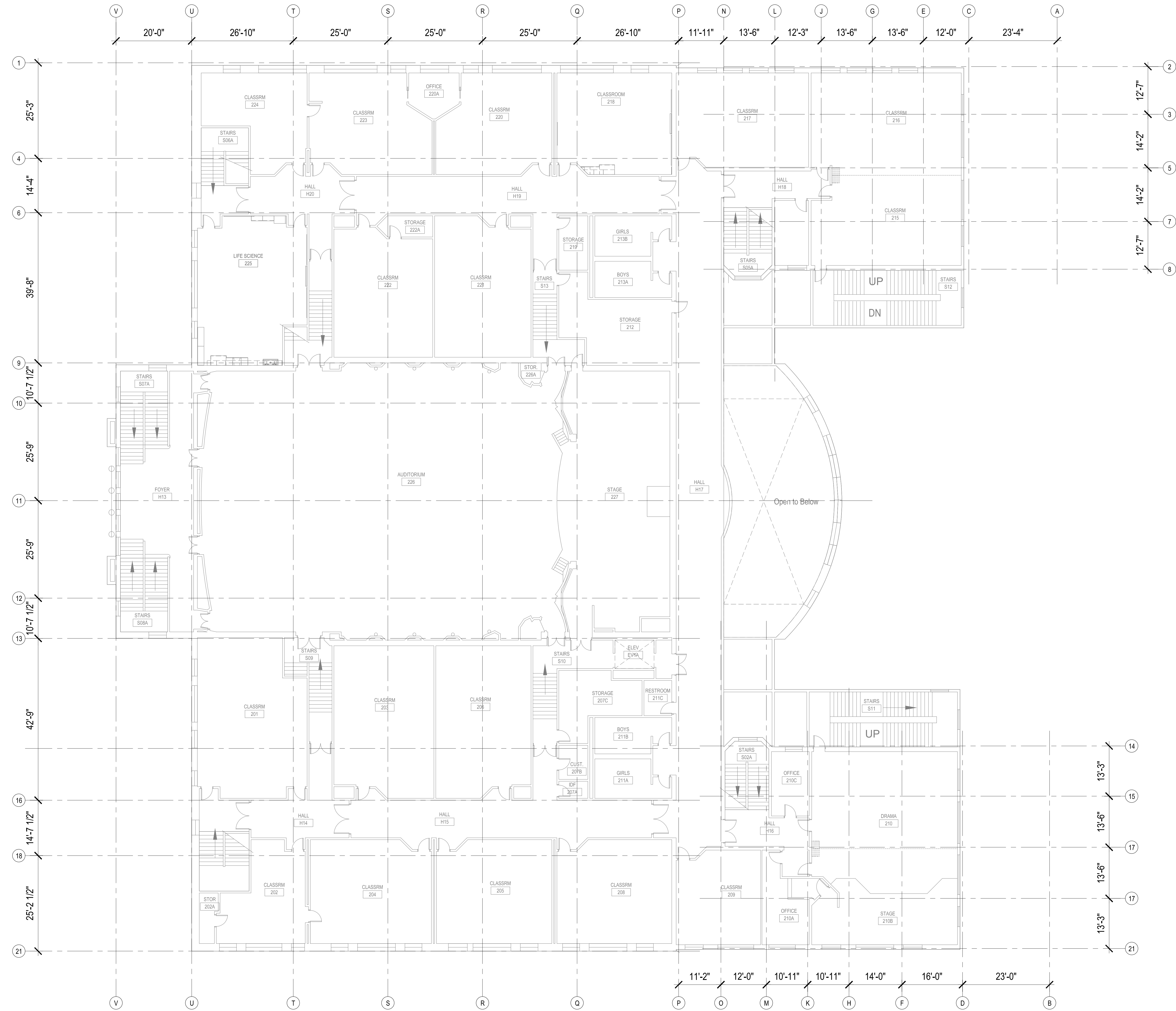


ISSUED: _____ DATE: _____
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**OVERALL
2ND FLOOR
DEMO FLOORPLAN
BUILDING 50-01**

Building Permit #: _____
Site Permit #: _____
Owner's Project #: _____
Architect's Project #: 2023106
Drawn By: RL
Checked By: RL

AD01-102



1 OVERALL 2ND FLOOR DEMOLITION FLOORPLAN BUILDING 50-01
SCALE: 3/32" = 1'-0"

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GENERAL DEMOLITION NOTES**

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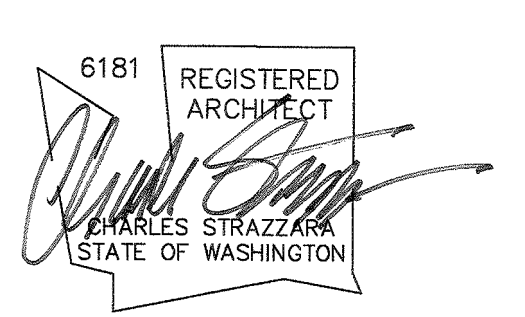


City of Puyallup
Development & Permitting Services
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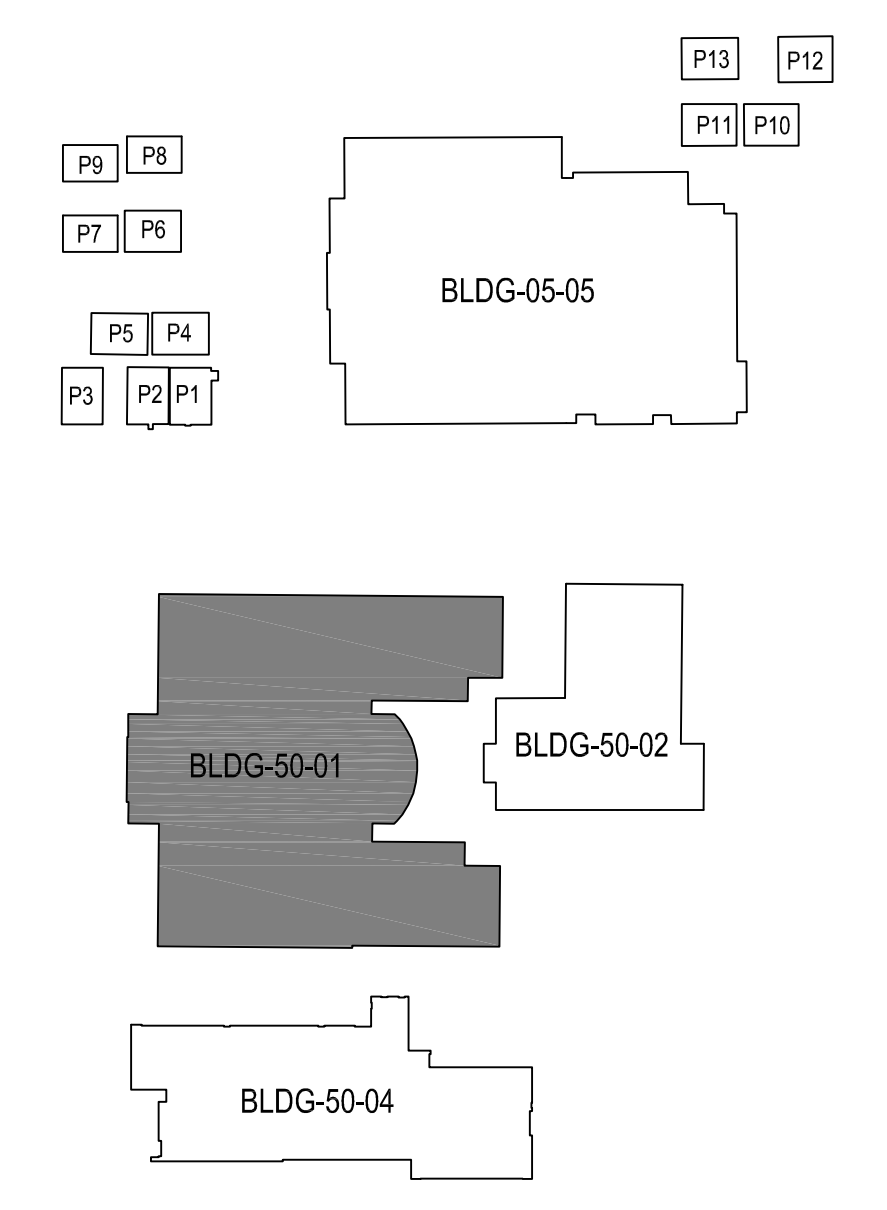
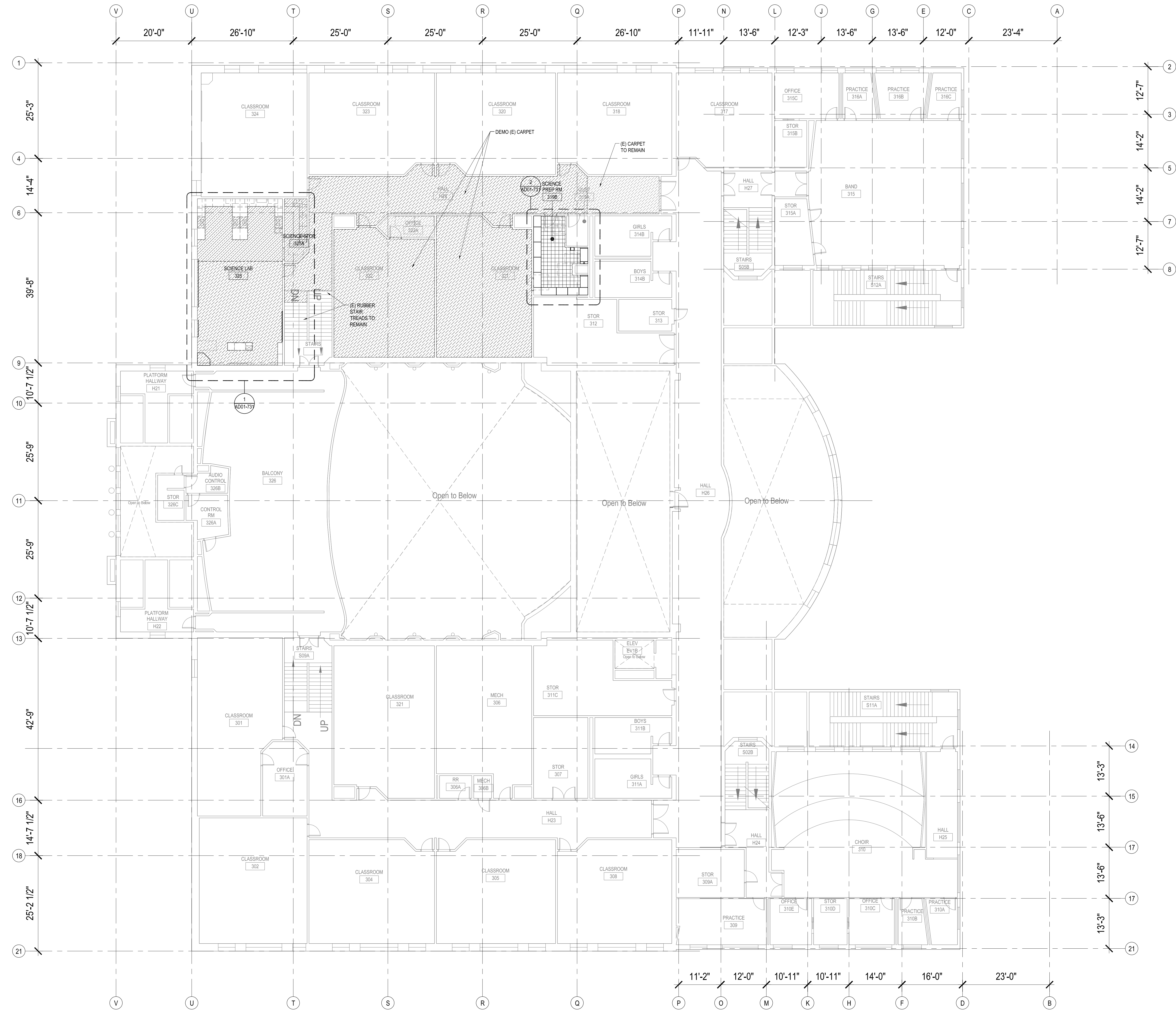


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**OVERALL
3RD FLOOR
DEMO FLOORPLAN
BUILDING 50-01**

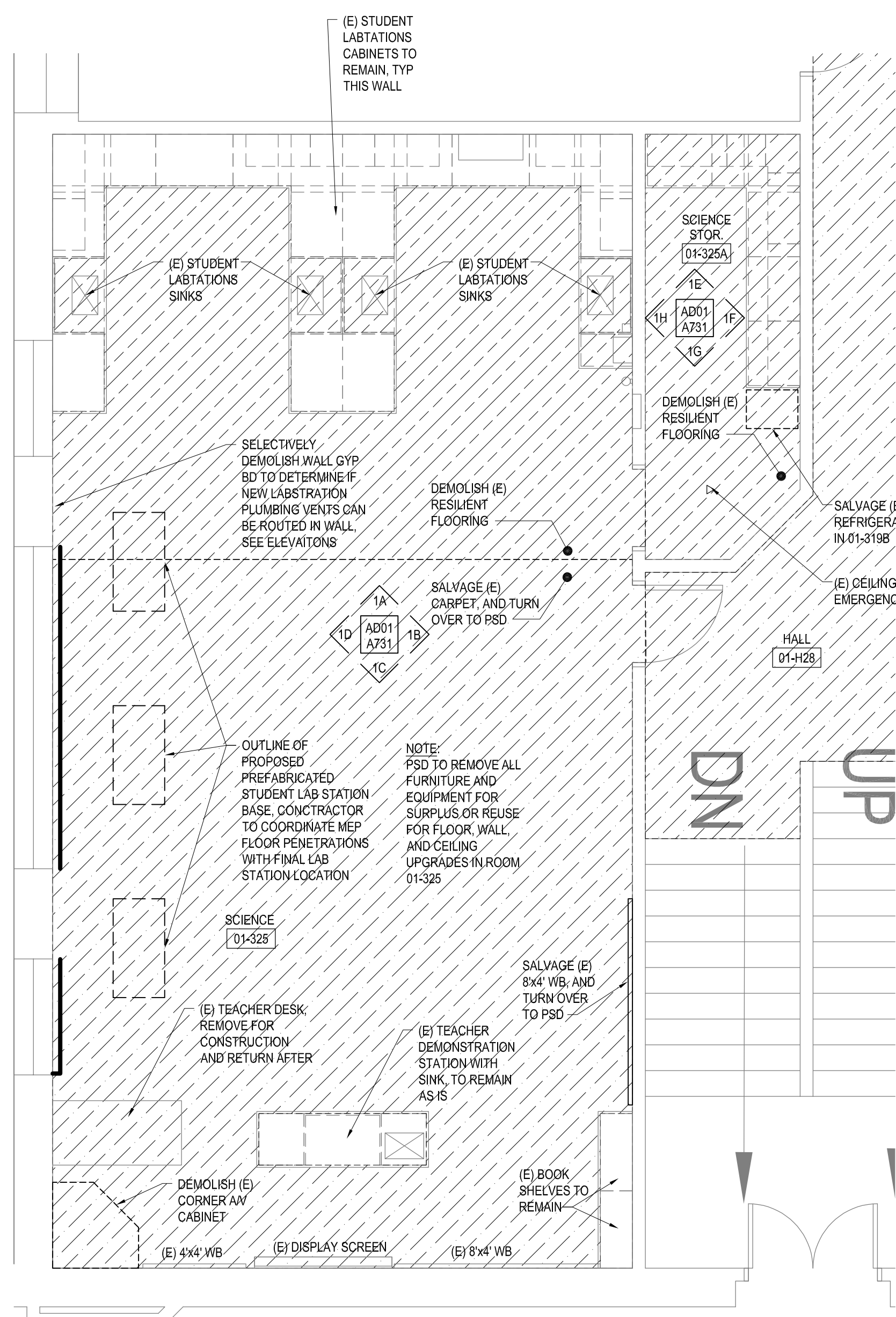
Building Permit #: _____
Site Permit #: _____
Owner's Project #: _____
Architect's Project #: 2023106
Drawn By: RL
Checked By: RL

AD01-103

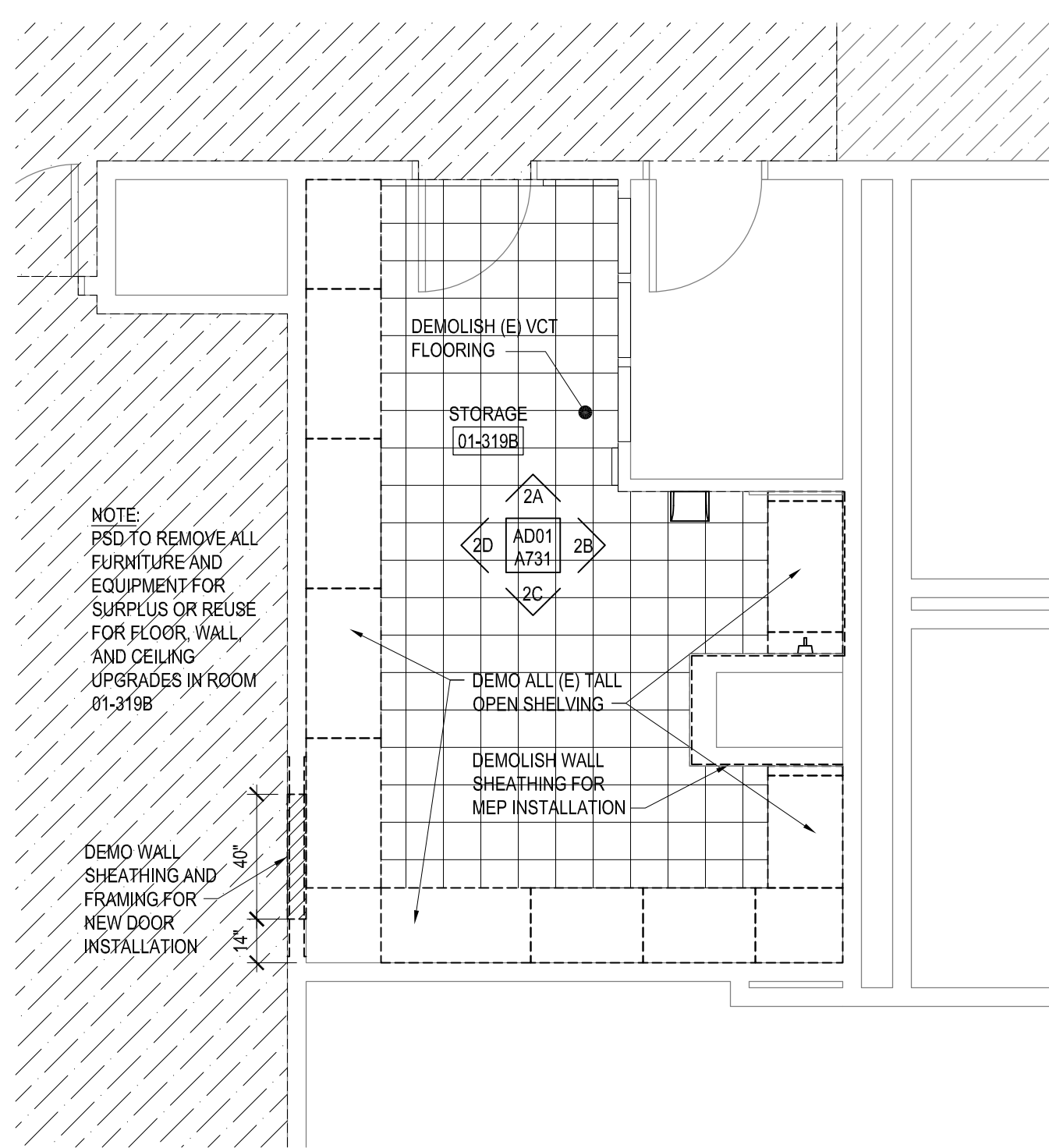


1 OVERALL 3RD FLOOR DEMOLITION FLOORPLAN BUILDING 50-01
SCALE: 3/32" = 1'-0"

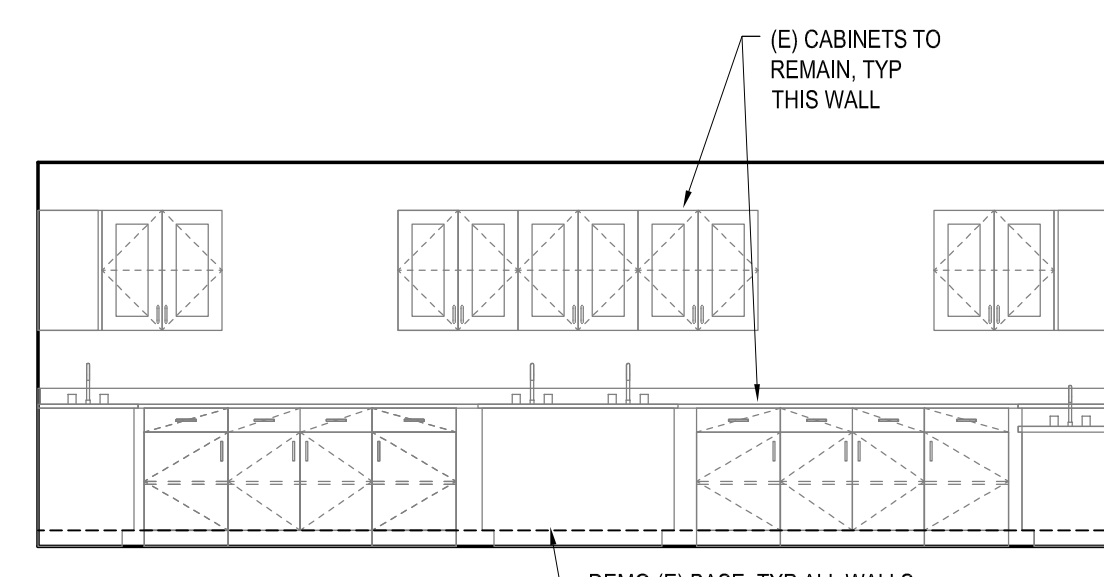
2 PHS CAMPUS KEY PLAN
SCALE: NTS



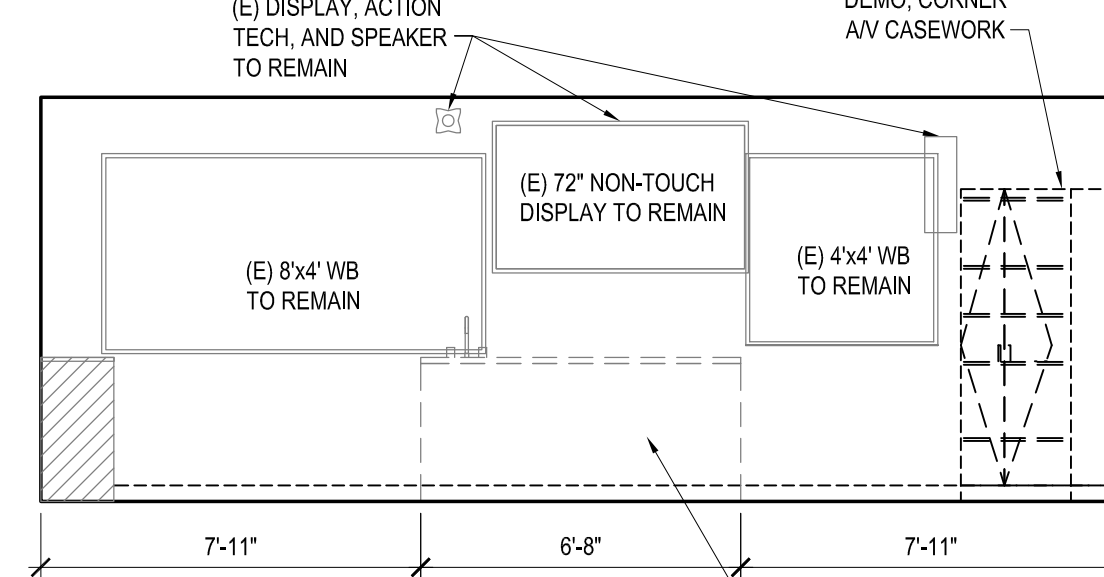
1 01-325 & 01-325A SCIENCE CLASSROOM ENLARGED DEMO FLOORPLAN
SCALE: 1/4" = 1'-0"



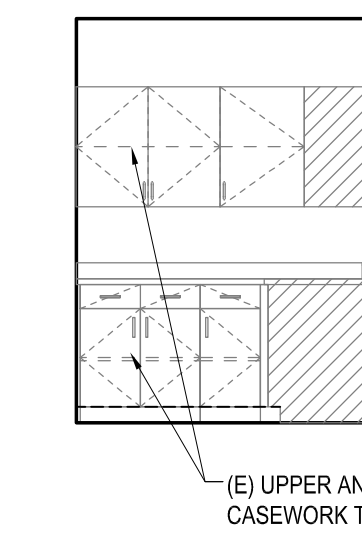
2 01-319B STORAGE ENLARGED DEMO FLOORPLAN
SCALE: 1/4" = 1'-0"



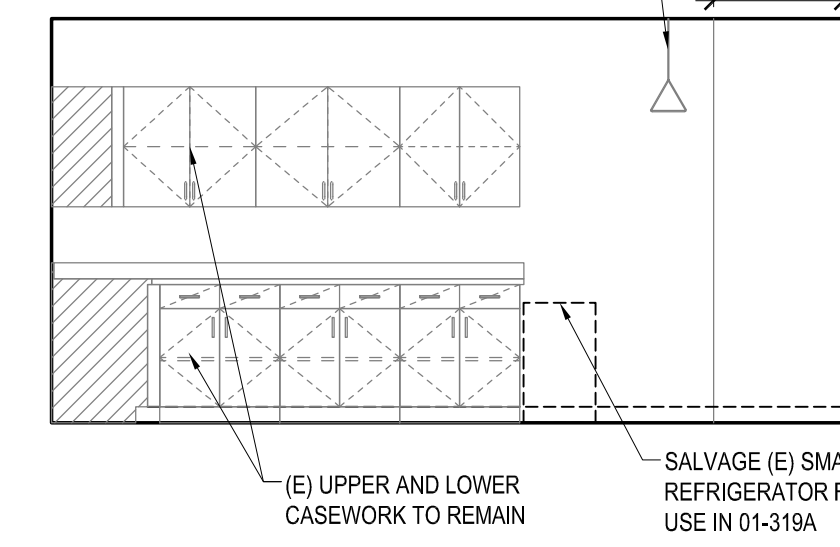
1A 01-325 SCIENCE -N
SCALE: 1/4" = 1'-0"



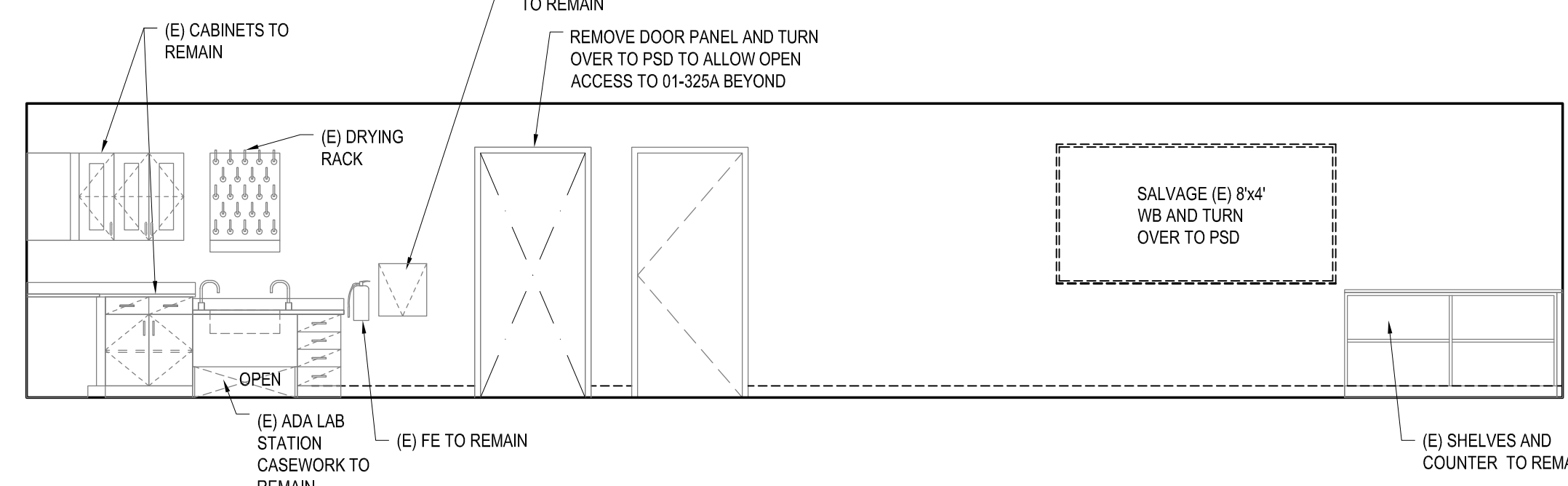
1C 01-325 SCIENCE -S
SCALE: 1/4" = 1'-0"



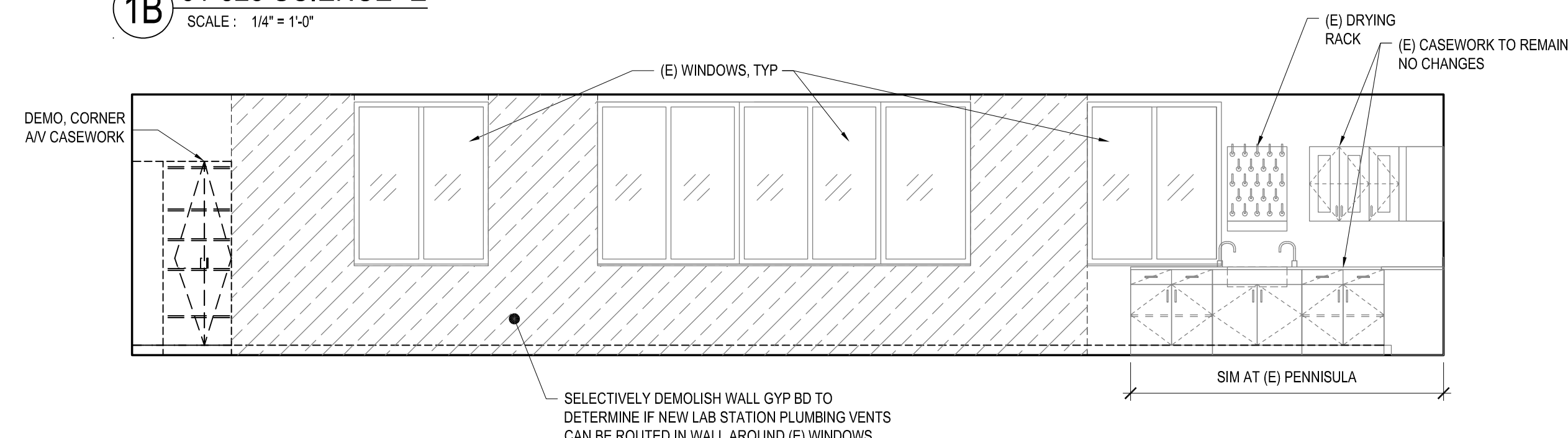
1E 01-325A SCIENCE -N
SCALE: 1/4" = 1'-0"



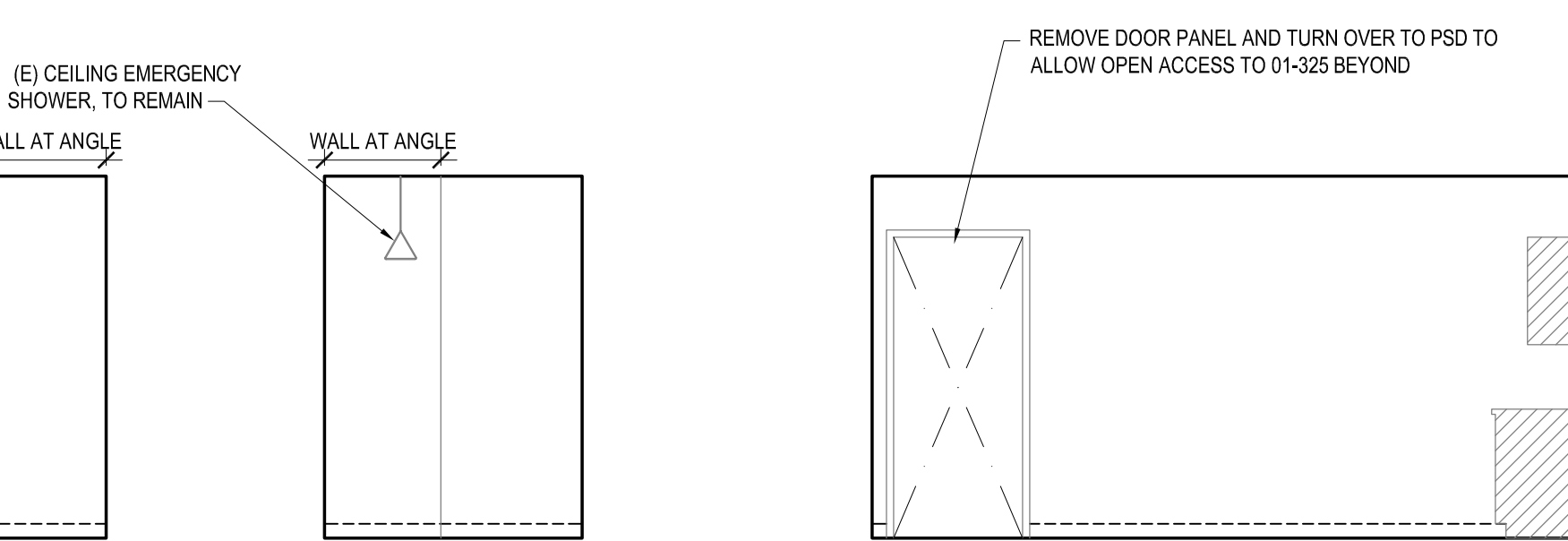
1F 01-325A SCIENCE -E
SCALE: 1/4" = 1'-0"



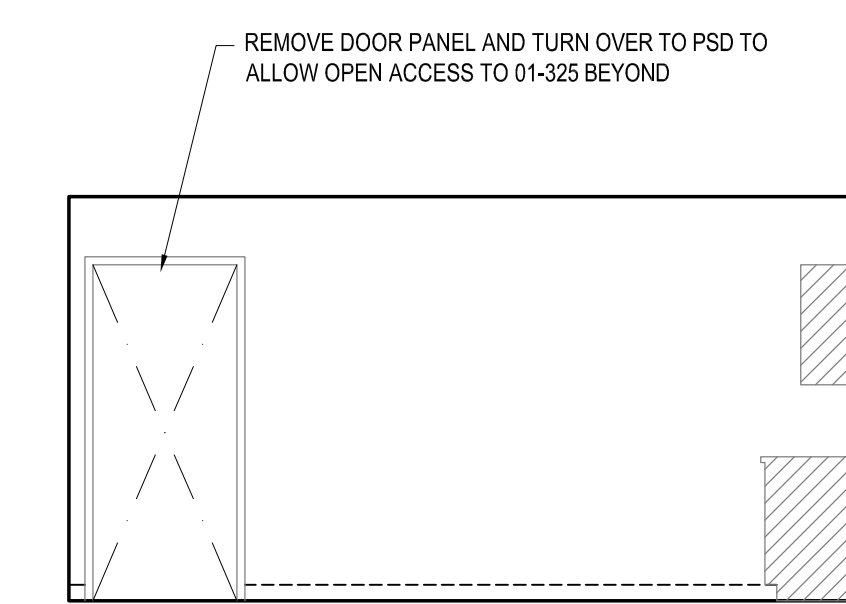
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SCALE: 1/4" = 1'-0"



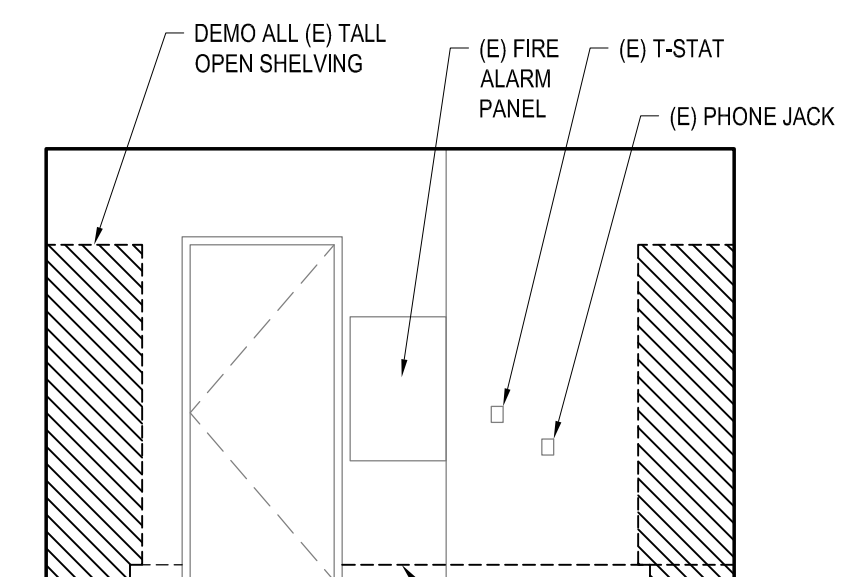
1D 01-325 SCIENCE -W
SCALE: 1/4" = 1'-0"



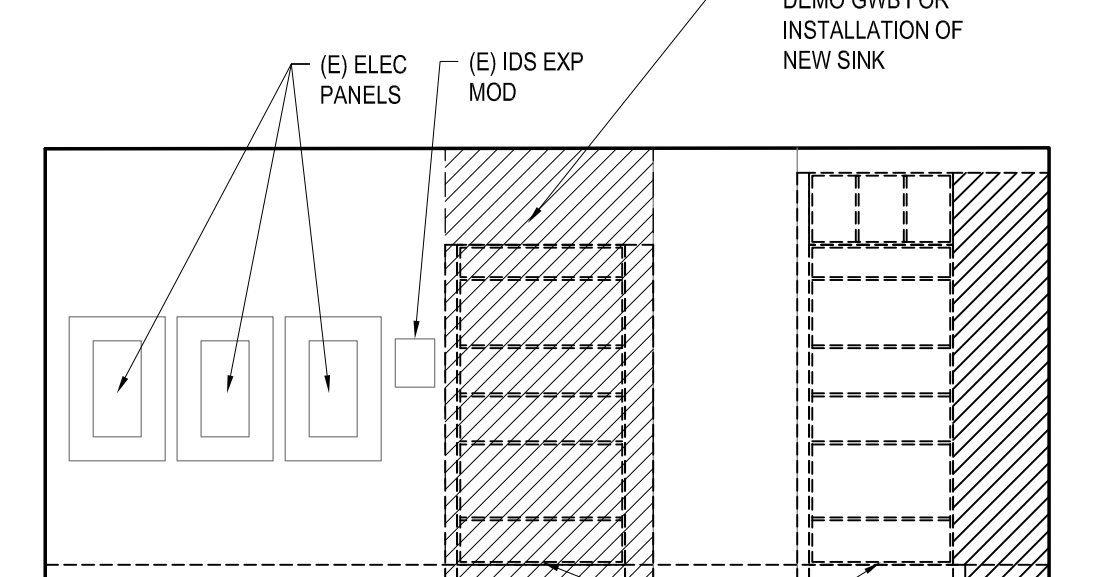
1G 01-325A SCIENCE -S
SCALE: 1/4" = 1'-0"



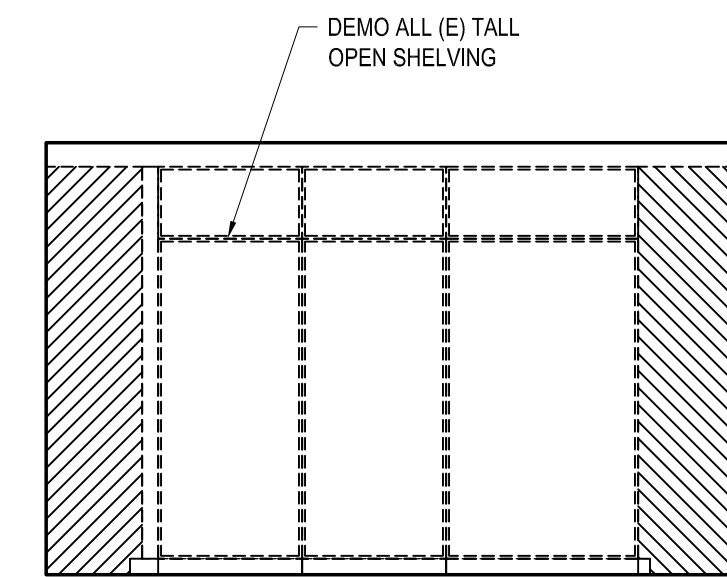
1H 01-325A SCIENCE -W
SCALE: 1/4" = 1'-0"



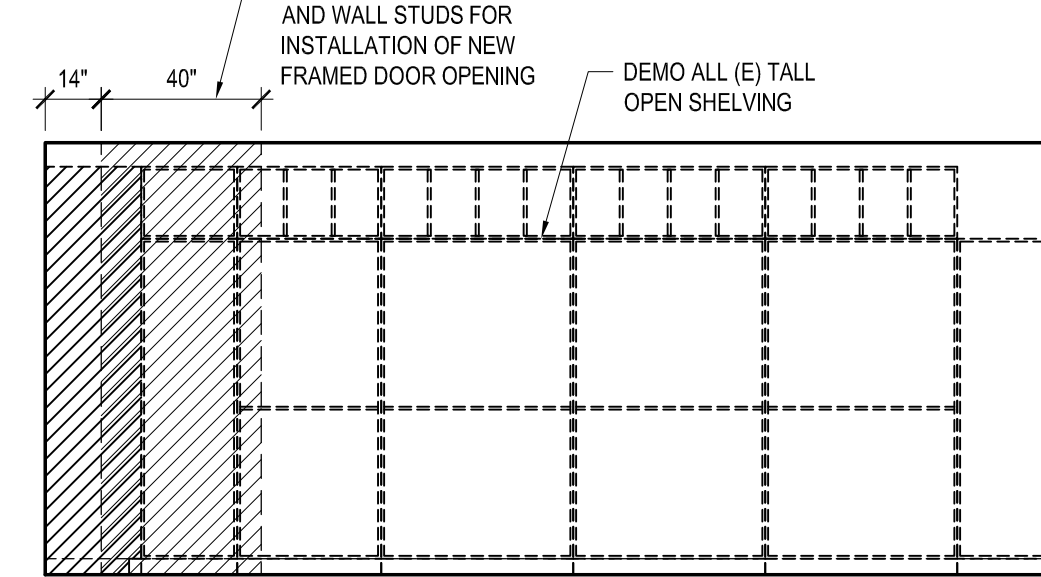
2A 01-319B STORAGE -N
SCALE: 1/4" = 1'-0"



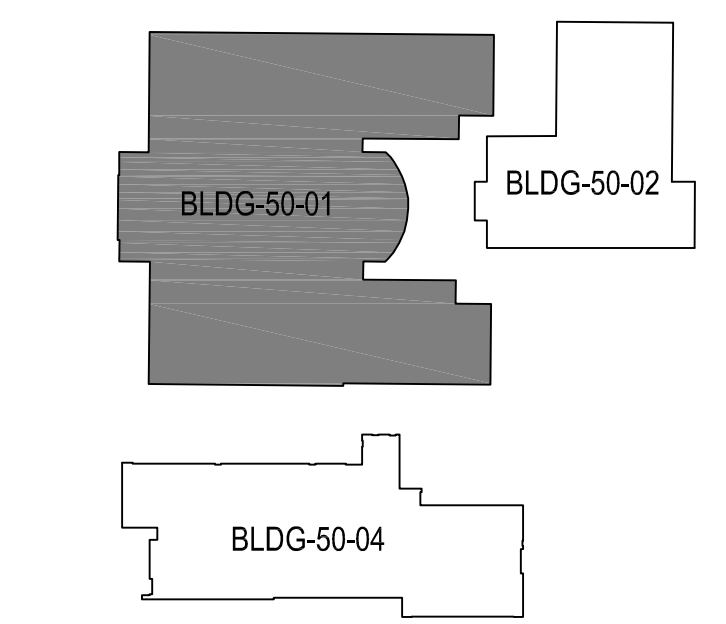
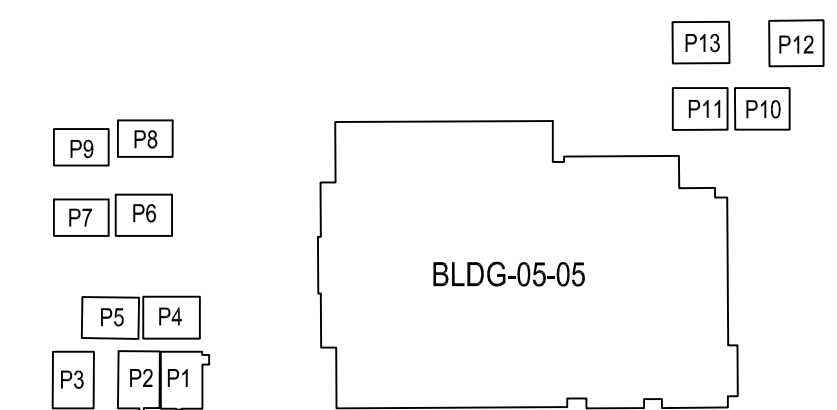
2B 01-319B STORAGE -E
SCALE: 1/4" = 1'-0"



2C 01-319B STORAGE -S
SCALE: 1/4" = 1'-0"



2D 01-319B STORAGE -W
SCALE: 1/4" = 1'-0"



PHS CAMPUS KEY PLAN
SCALE: NTS

ARCHITECT
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 CONSULTANT

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 Development & Permitting Services
ISSUED PERMIT
 Building Planning
 Engineering Public Works
 Fire Traffic

TITLE
SCIENCE CLASSROOM & SCIENCE PREP ROOM TI AT PUYALLUP HIGH SCHOOL
 105 7TH ST SW
 PUYALLUP, WA 98371

STAMP
 6181 REGISTERED ARCHITECT
 Charles Strazzara
 STATE OF WASHINGTON

ISSUED: DATE:
 PERMIT SET OCT. 26 2023
 PERMIT RESUBMITTAL SET JAN. 2, 2024

INTERIOR DEMOLITION ELEVATIONS & PLANS

Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: 2023106
 Drawn By: RL/EMV
 Checked By: RL

AD01-731

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GENERAL DEMOLITION NOTES**

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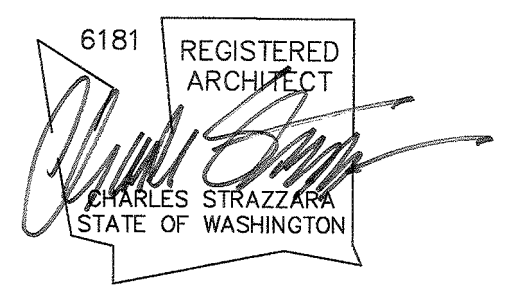
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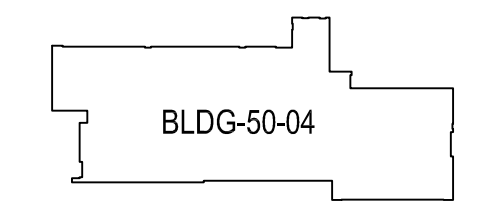
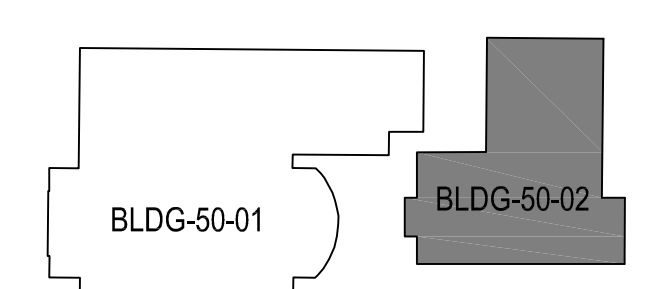
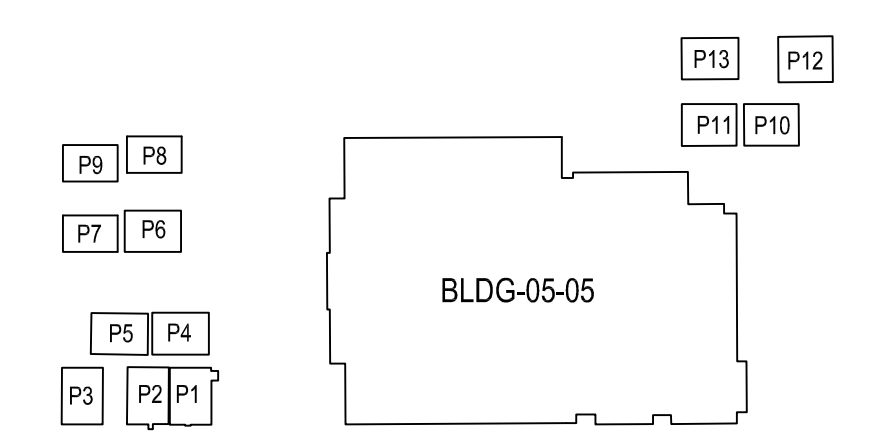
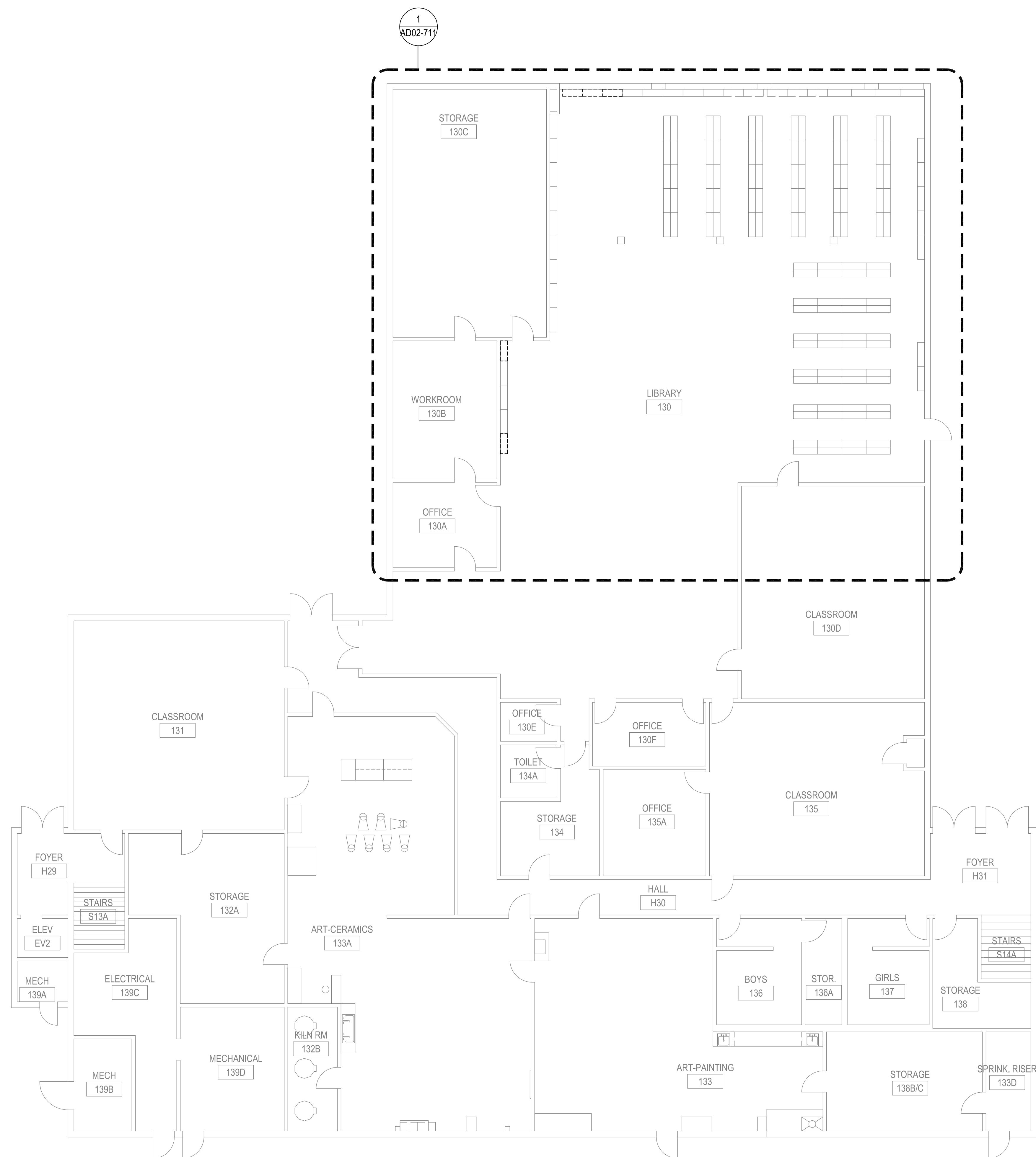
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PUYALLUP, WA
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PHS CAMPUS KEY PLAN
SCALE: NTS

**OVERALL
1ST FLOOR
DEMO FLOORPLAN
BUILDING 50-02**

Building Permit #: _____
Site Permit #: _____
Owner's Project #: _____
Architect's Project #: 2023106
Drawn By: RL
Checked By: RL

AD02-101

1 OVERALL 1ST FLOOR DEMOLITION FLOOR PLAN BUILDING 50-02
SCALE: 1/8" = 1'-0"

**OVERALL FLOOR PLAN
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CONSULTANT

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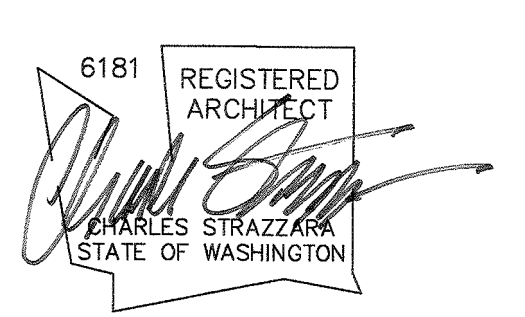
City of Puyallup
Development & Permitting Services
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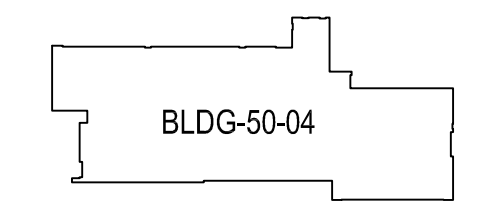
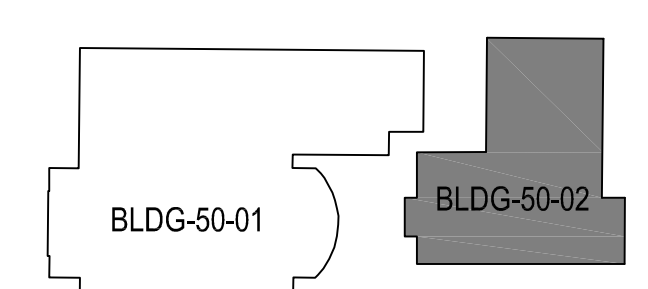
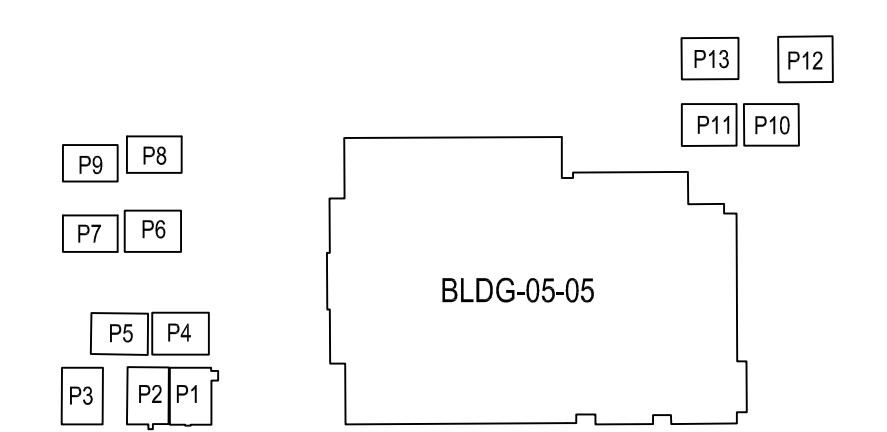
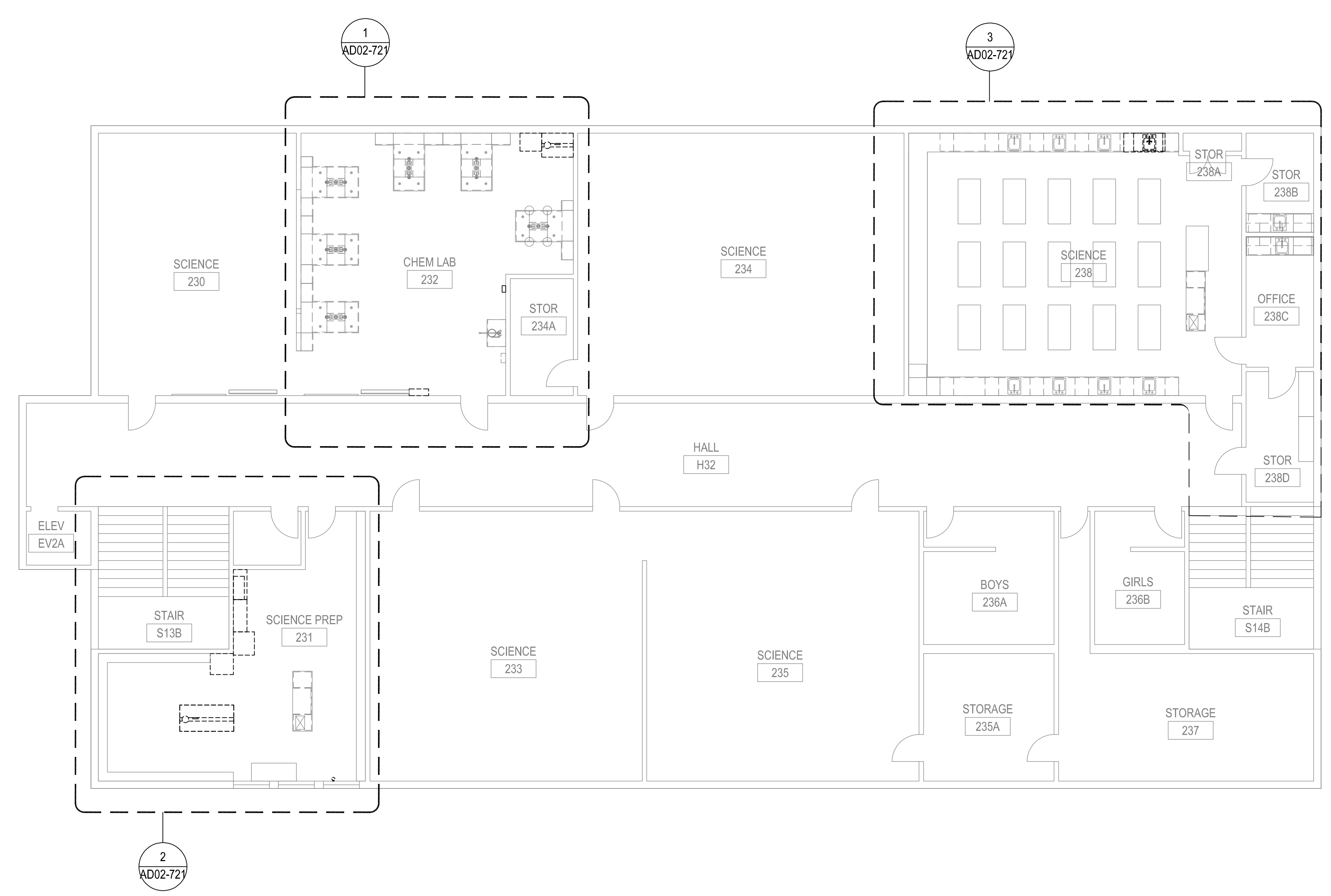
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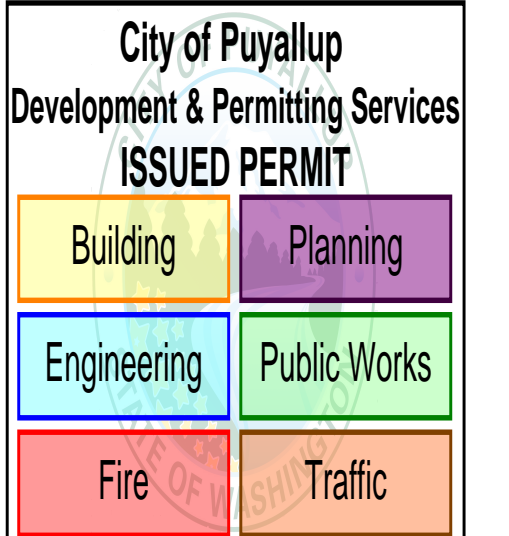
PHS CAMPUS KEY PLAN
SCALE: NTS

1 OVERALL 2ND FLOOR DEMOLITION FLOOR PLAN BUILDING 50-02
SCALE: 1/8" = 1'-0"

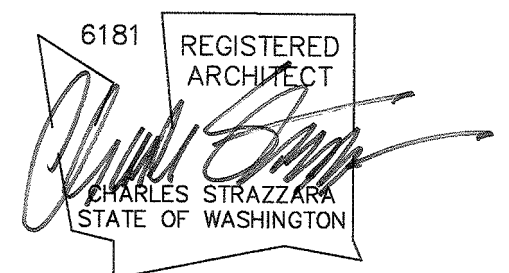
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Architect's Project #: 2023106
Drawn By: RL
Checked By: RL

AD02-102

PRCTI20231574



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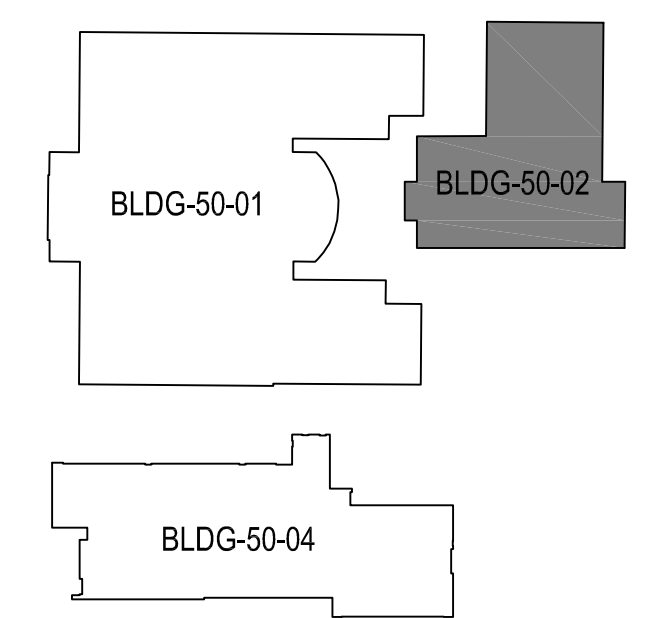
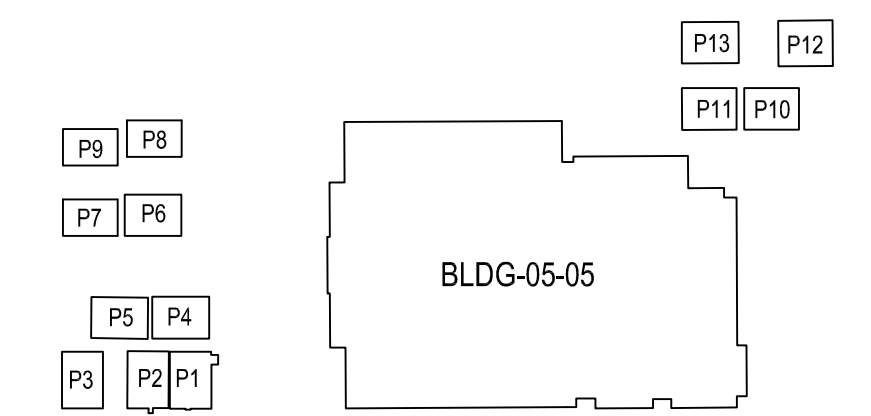
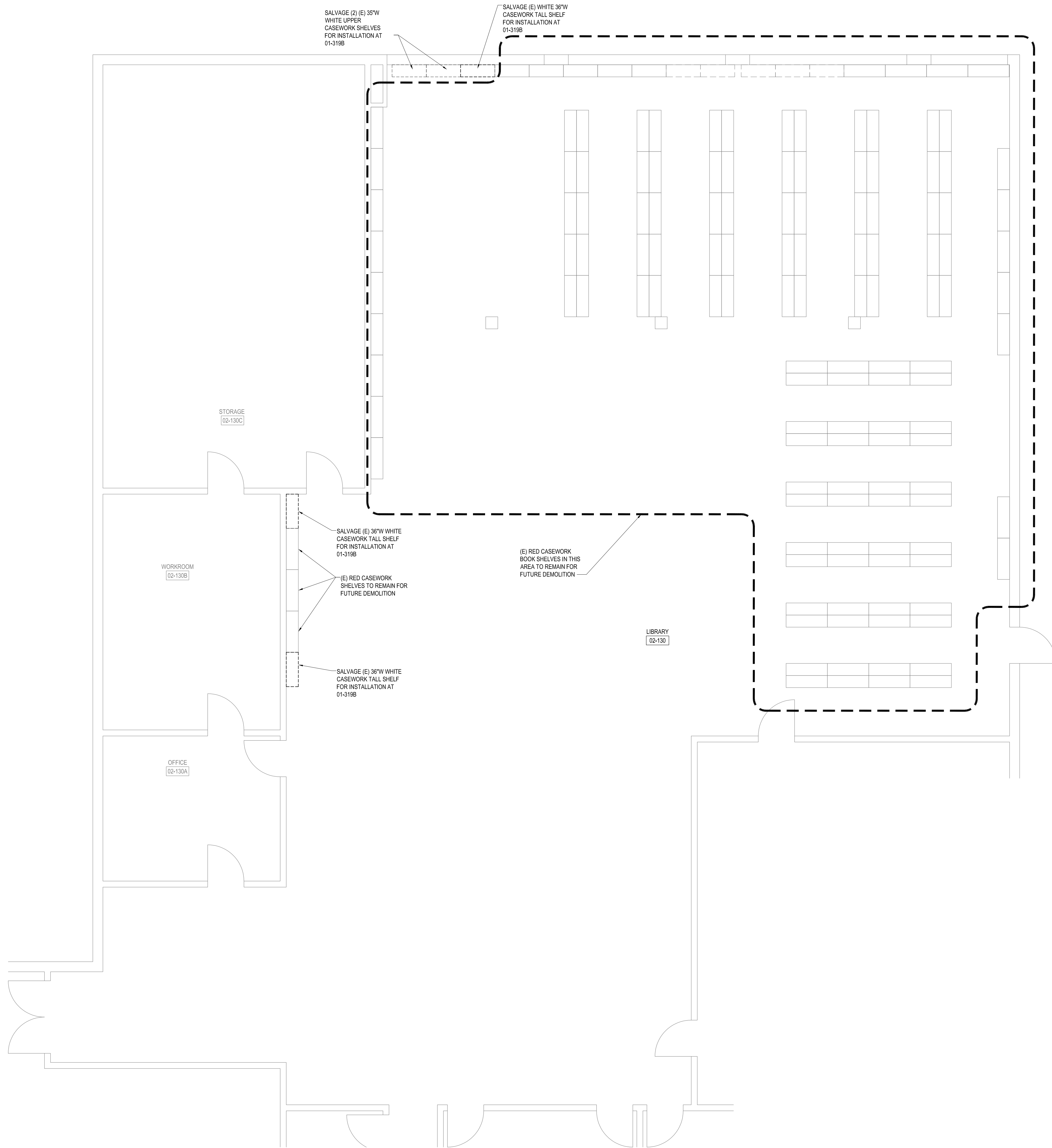


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INTERIOR
DEMOLITION
ELEVATIONS
& PLANS

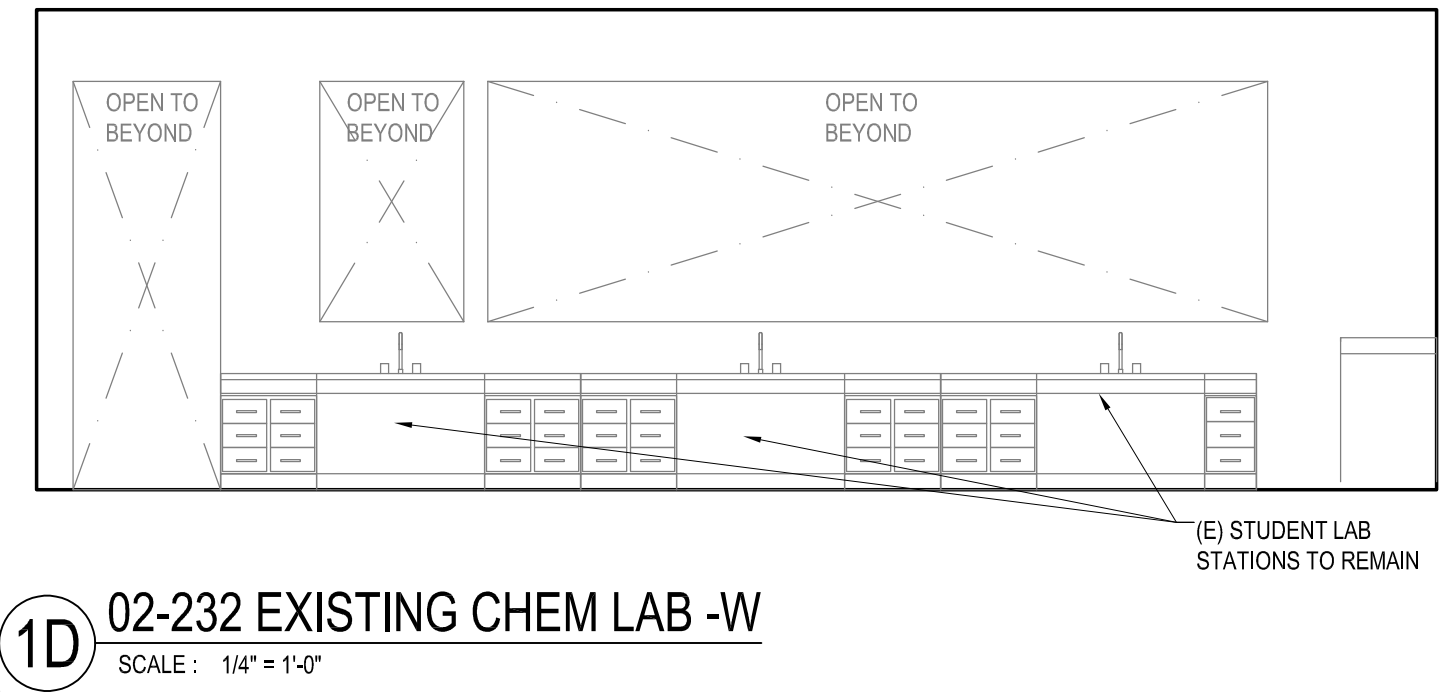
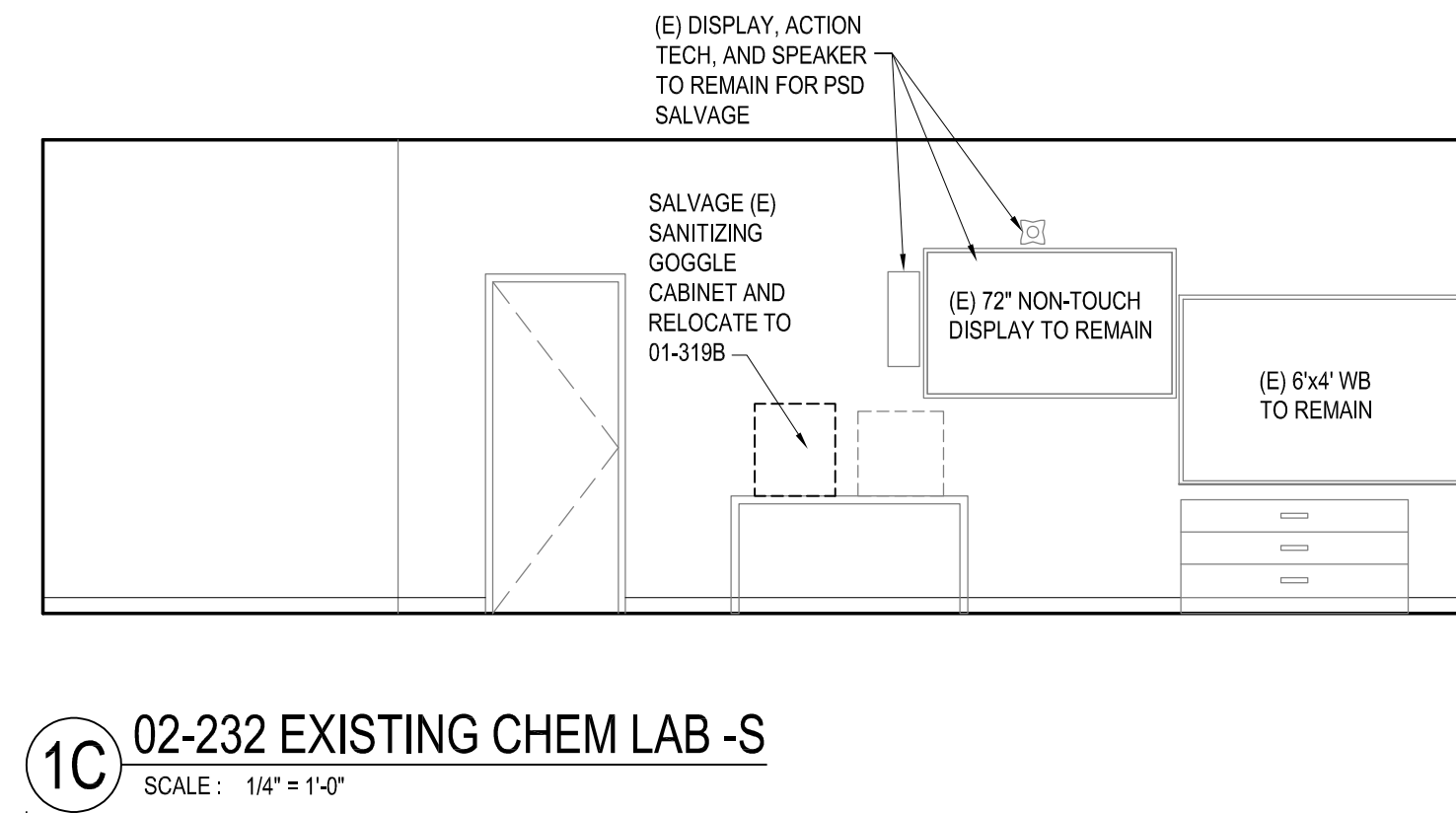
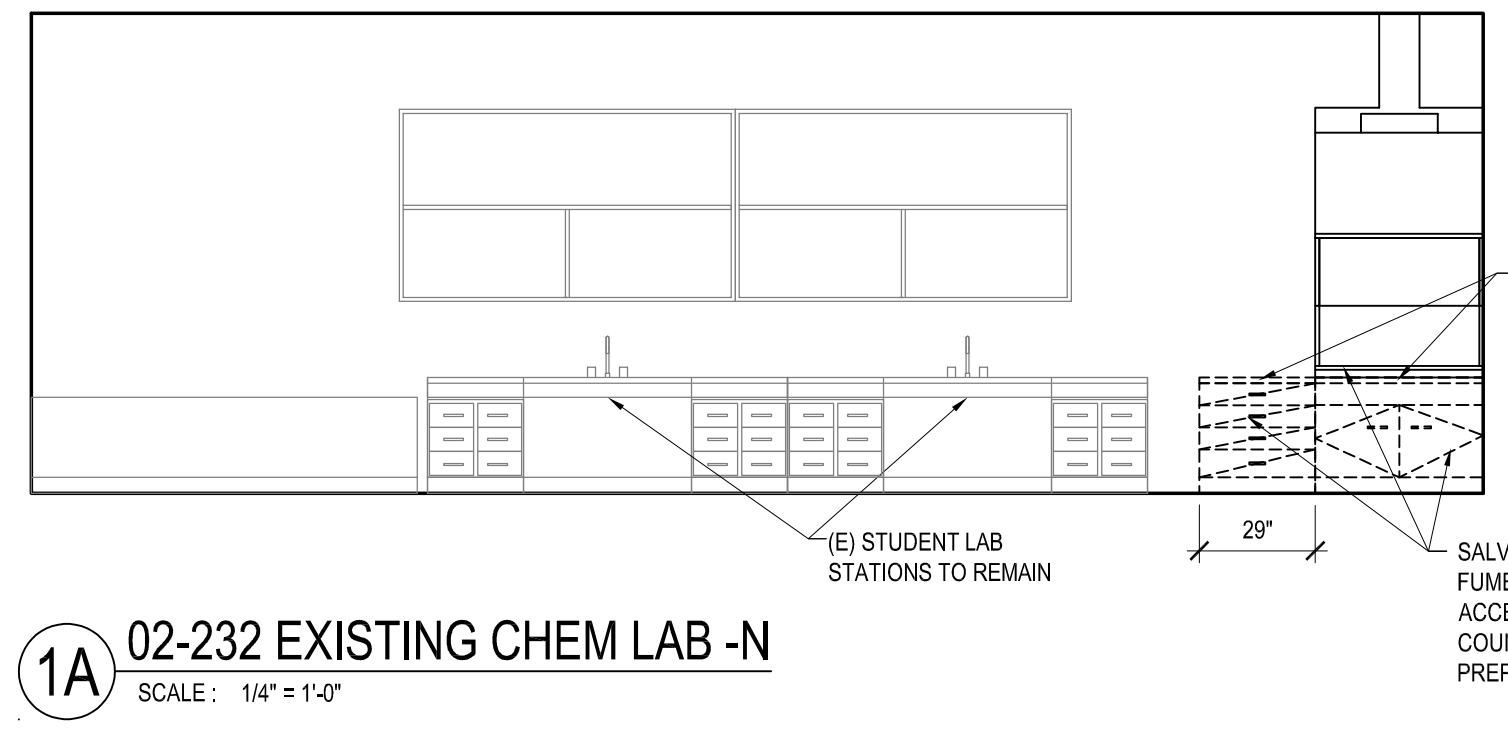
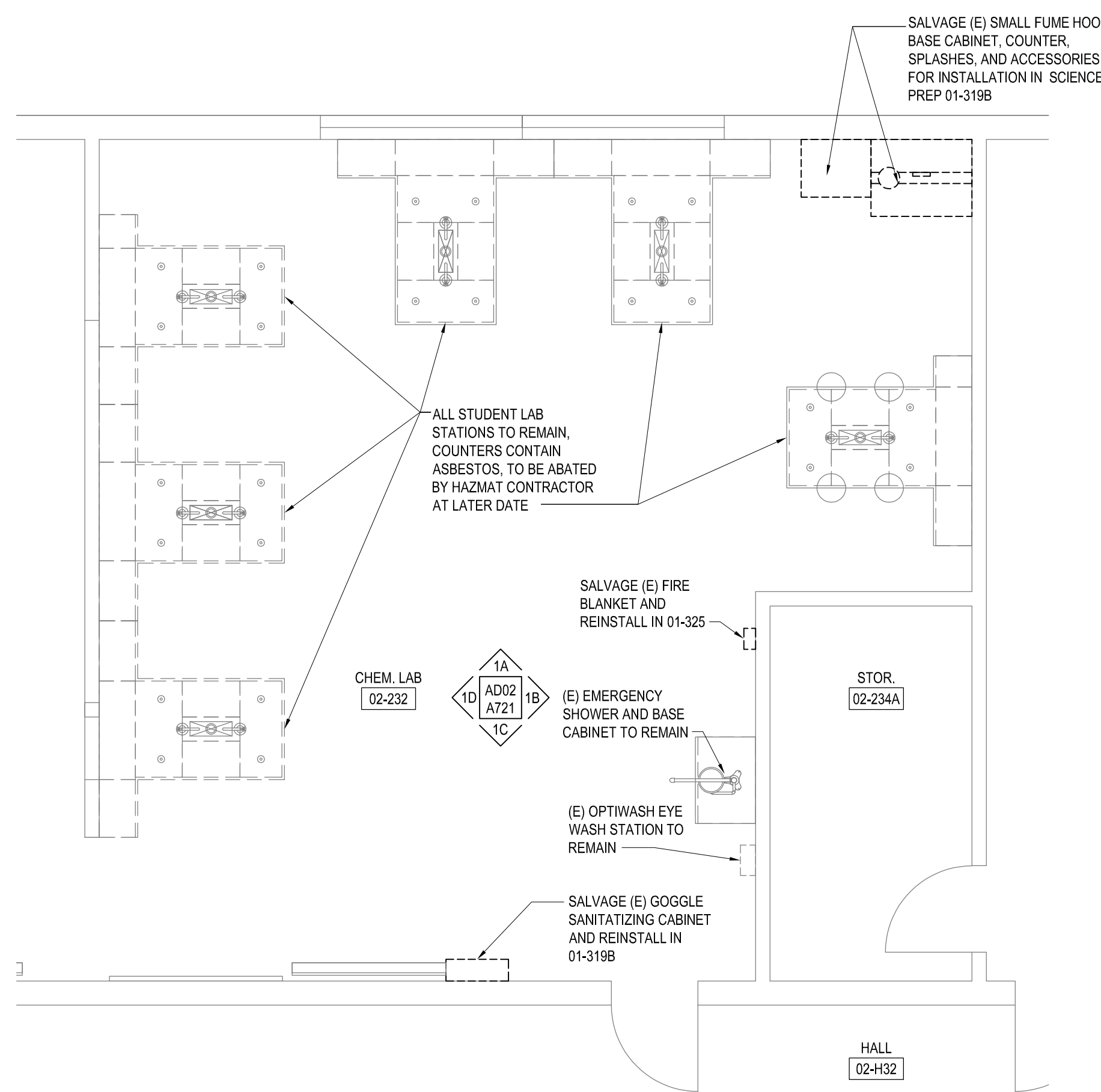
Building Permit #: -
Site Permit #: -
Owner's Project #: -
Architect's Project #: 2023106
Drawn By RL/EMV
Checked By RL

AD02-711

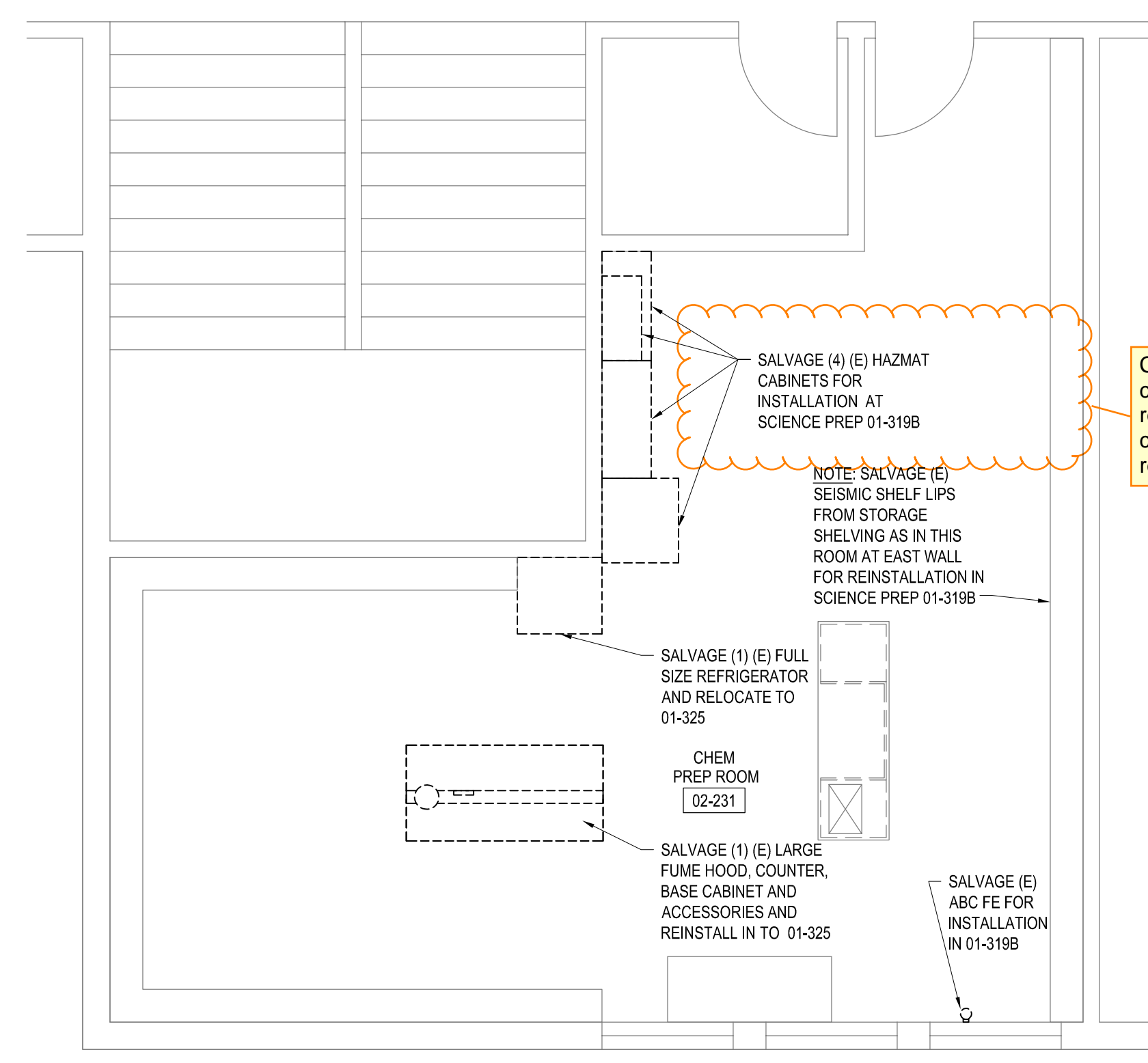


01-130 LIBRARY ENLARGED DEMO FLOORPLAN
SCALE: 1/4" = 1'-0"

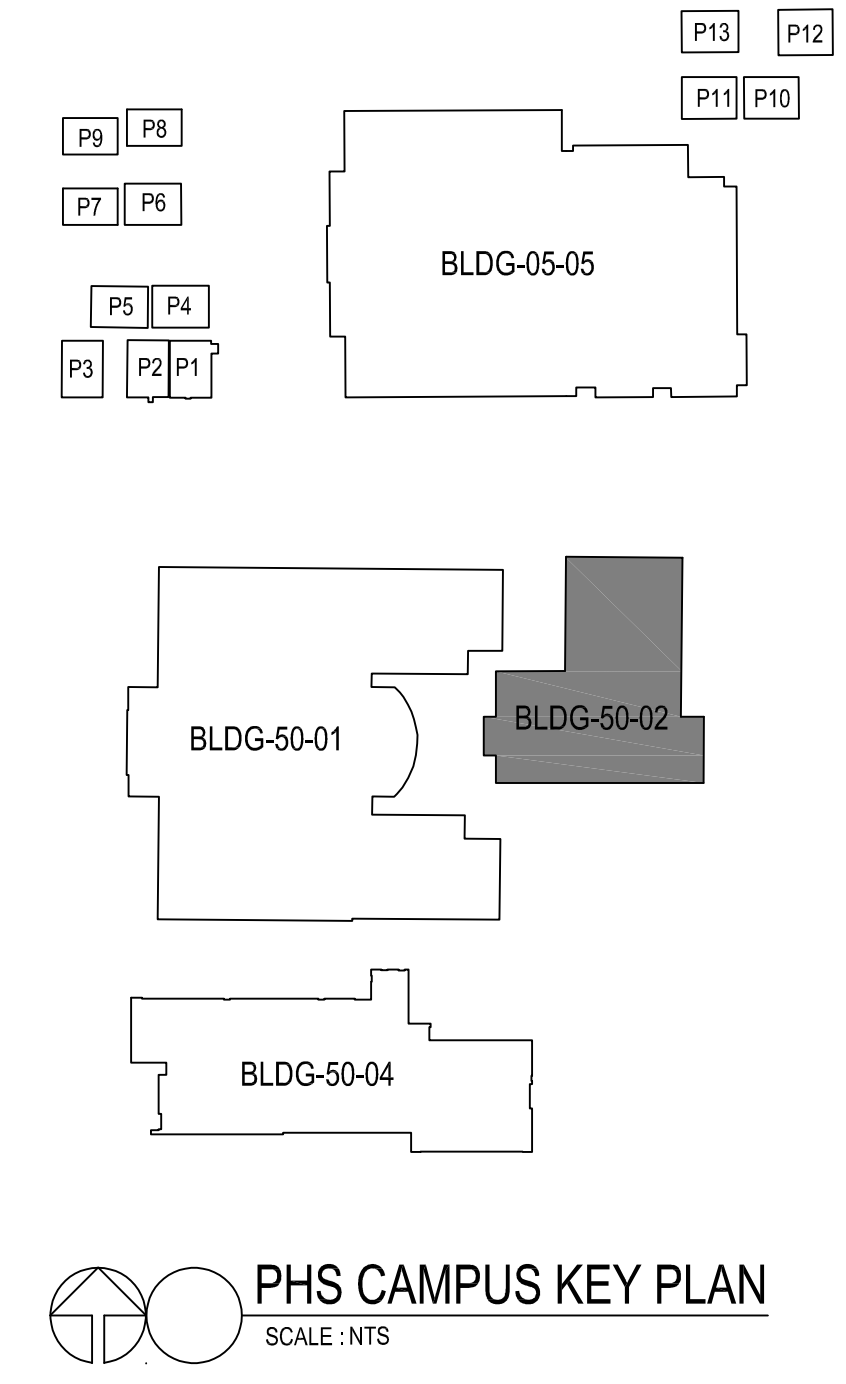
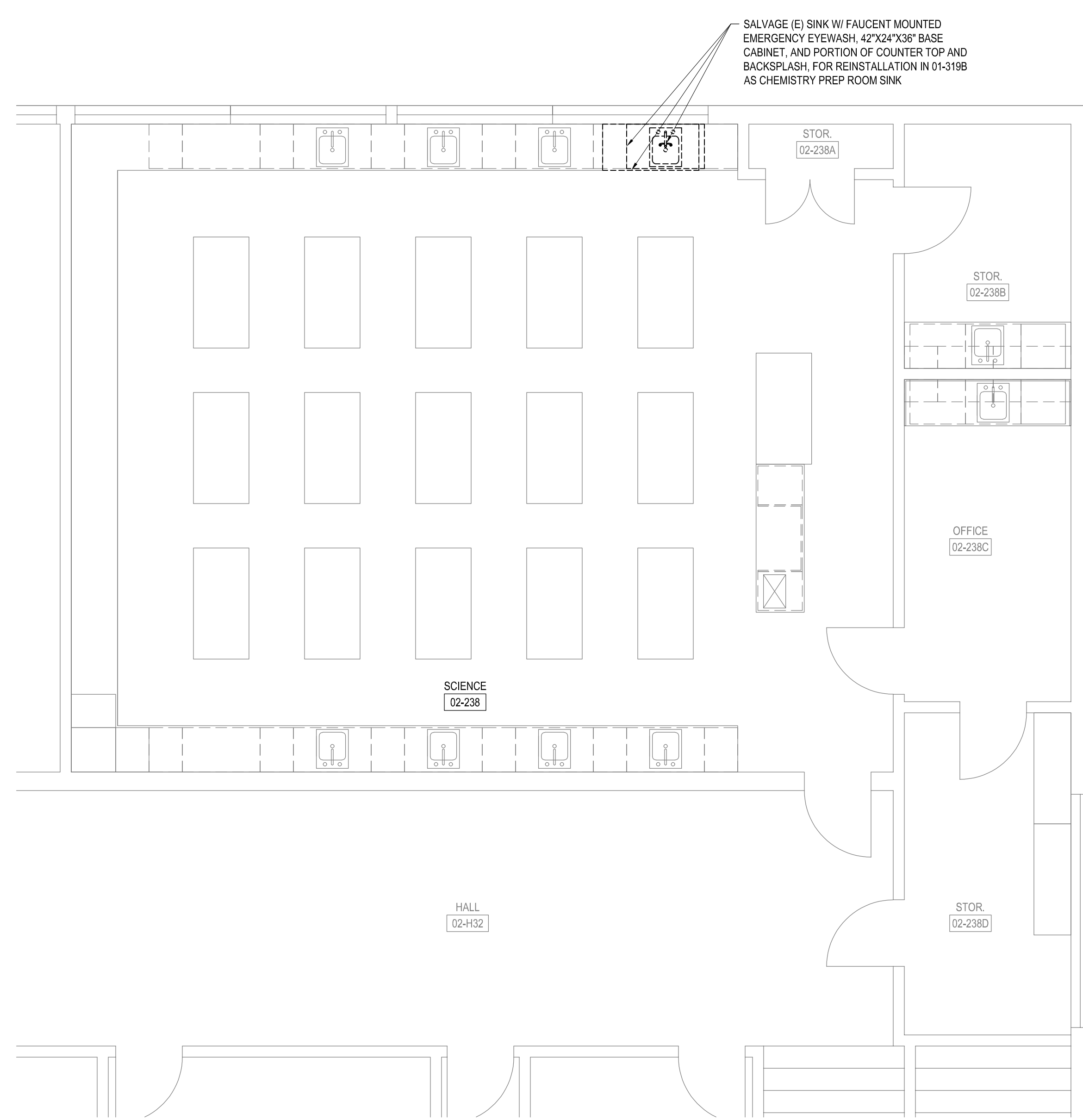
PHS CAMPUS KEY PLAN
SCALE: NTS



1 02-232 CHEM LAB ENLARGED DEMO FLOORPLAN
SCALE: 1/4" = 1'-0"



Contractor verify Hazmat cabinets are function per code requirements as applicable for closure, latch and lock, after relocation.



PRCTI20231574

CLIENT/OWNER
PUYALLUP SCHOOL DISTRICT
A Tradition of Excellence

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

TITLE
SCIENCE CLASSROOM & SCIENCE PREP ROOM TI AT PUYALLUP HIGH SCHOOL
105 7TH ST SW PUYALLUP, WA 98371

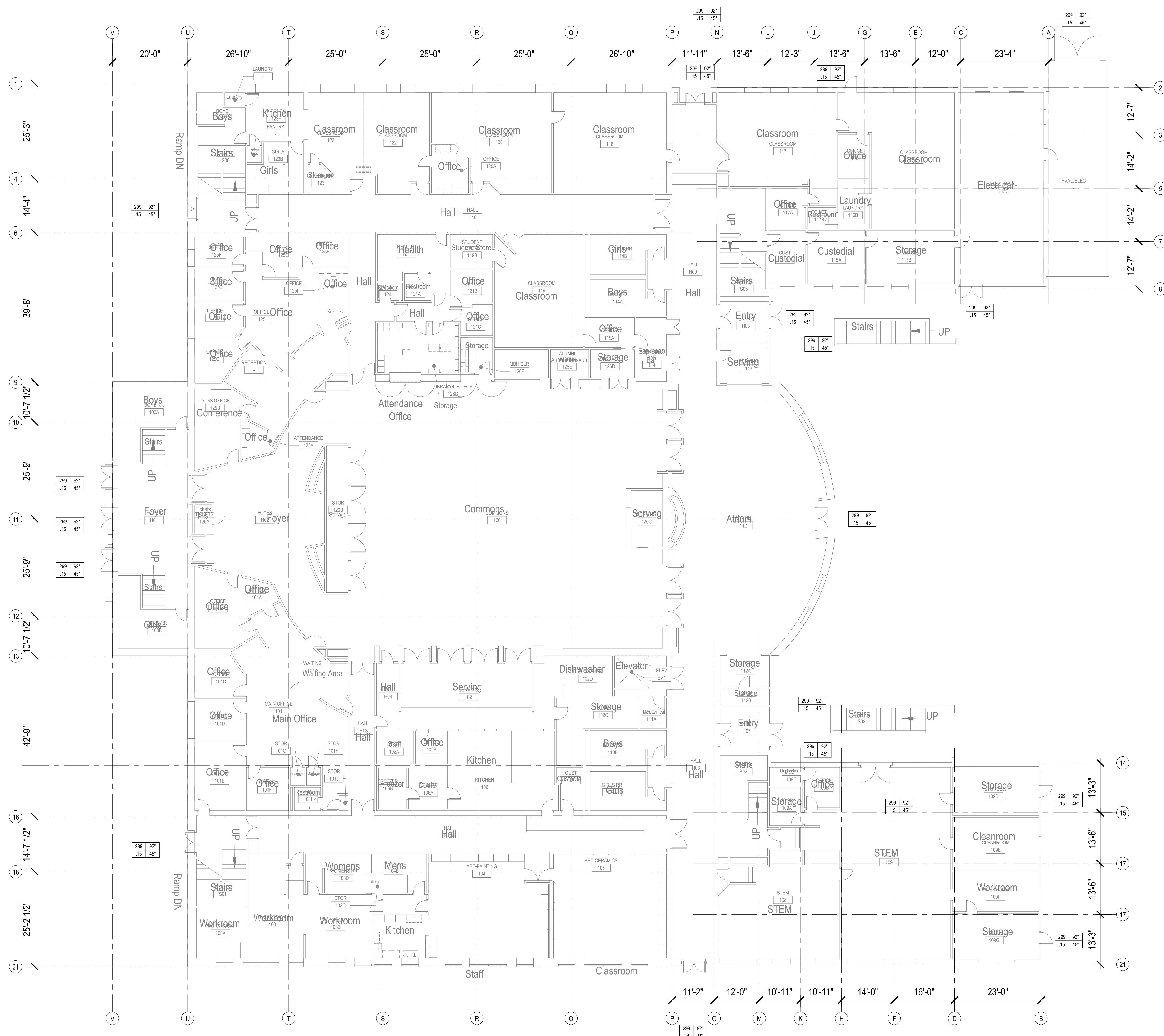
STAMP
6181 REGISTERED ARCHITECT
CHARLES STRAZZARA
STATE OF WASHINGTON

ISSUED: DATE:
PERMIT SET OCT. 26 2023
PERMIT RESUBMITTAL SET JAN. 2, 2024

INTERIOR DEMOLITION ELEVATIONS & PLANS

Building Permit #: -
Site Permit #: -
Owner's Project #: -
Architect's Project #: 2023106
Drawn By RL/EMV
Checked By RL

AD02-721



OVERALL ARCHITECTURAL FLOOR PLAN GENERAL NOTES

- OVERALL PLANS ARE PROVIDED FOR PLAN REFERENCE ONLY. REFER TO ENLARGED ROOM PLANS AND INTERIOR ELEVATIONS FOR MORE INFORMATION. SEE ENLARGED PLANS ON A07 SERIES DWGS FOR PLAN INFORMATION.
- NO ARCHITECTURAL WORK SCOPE AT BUILDING 50-01 FLOORS 2 & 3 EXCEPT FOR MEP SCOPE. REFER TO MEP SHEETS FOR MORE INFORMATION.
- BUILDING-02 IS LIMITED TO DEMOLITION/SALVAGE OF ITEMS TO BE PLACED IN BUILDING-01 FOR SCIENCE PROGRAM RELOCATION. CAP REMAINING UTILITY LINES AT BUILDING #2 AFTER PLUMBING REMOVAL. NO NEW WORK SCOPE AT BUILDING 50-02 AT EITHER LEVEL.

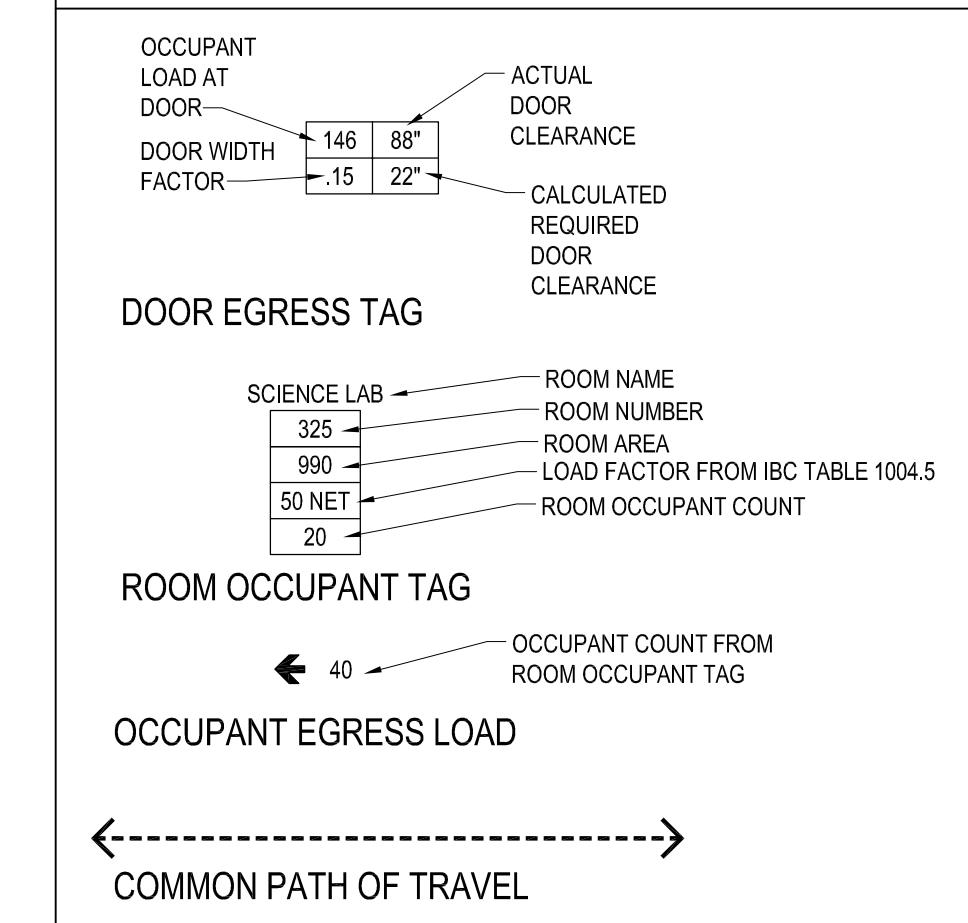
LEVEL 1 CODE SUMMARY

EXISTING BUILDING PREVIOUSLY CONSTRUCTED TO:
 1991 UBC - BUILDING, FIRE, AND MECH
 1990 WA STATE ENERGY CODE, CHAPTER 4

PER PREVIOUS 1991 UBC CONSTRUCTION TYPES:
 TYPE OF CONSTRUCTION: BUILDING 1: TYPE IV, WEST OF GRID P, NORTH OF GRID 9
 TYPE OF CONSTRUCTION: BUILDING 2: TYPE V, WEST OF GRID P, BETWEEN GRID 9 & 15
 TYPE OF CONSTRUCTION: BUILDING 3: TYPE IV, WEST OF GRID P, SOUTH OF GRID 15
 TYPE OF CONSTRUCTION: BUILDING 4: TYPE II, EAST OF GRID P
 (SCOPE OF WORK IS ENTIRELY IN BUILDING 1: AREA LISTED ABOVE)

LEVEL 1 TOTAL SF: 46,332 SF
 NO CHANGES TO EGRESS AT LEVEL 1

EGRESS LEGEND



ARCHITECT

studios **MENG STRAZZARA**

2001 WESTERN AVE. STEE 200, SEATTLE, WA 98101
 www.studiosmstrazzara.com

CONSULTANT

PRCTI20231574

CLIENT/OWNER

PUYALLUP SCHOOL DISTRICT
 A Tradition of Excellence

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

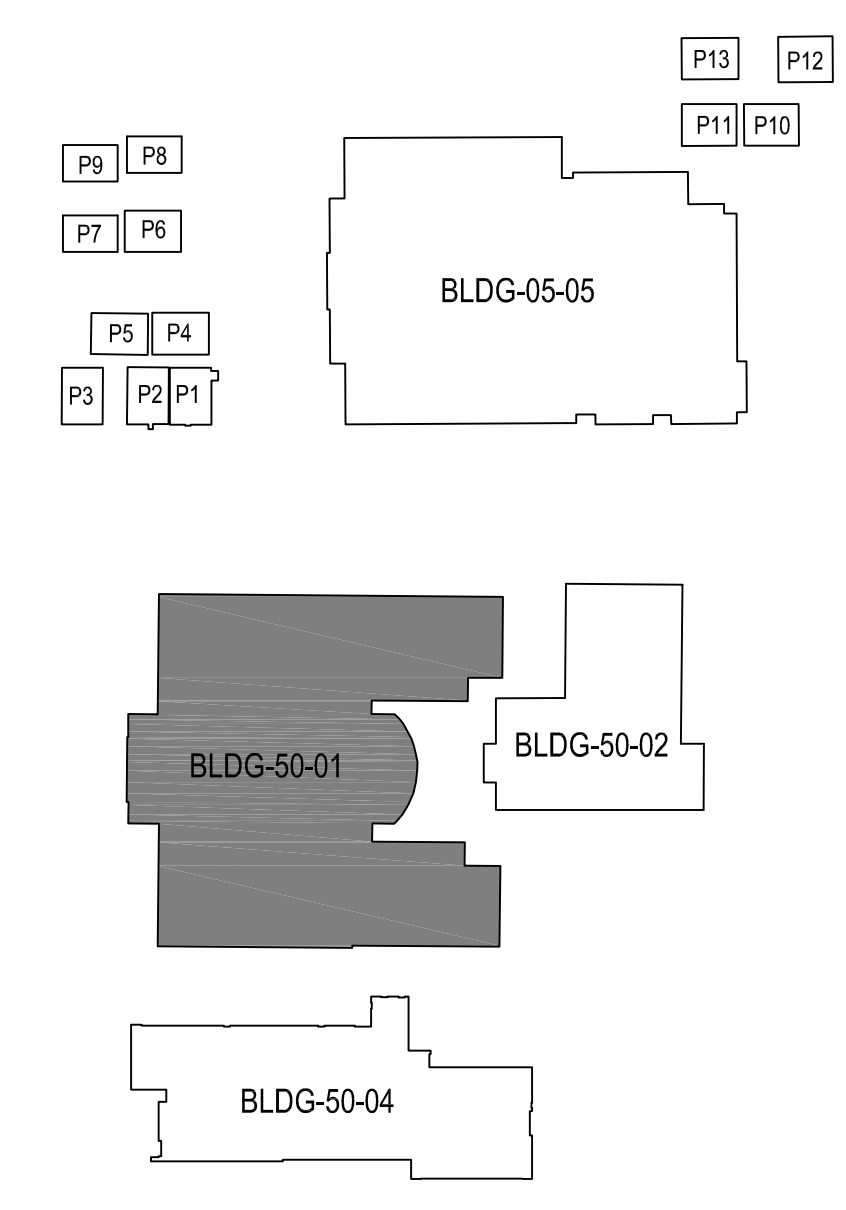
Building Planning
 Engineering Public Works
 Fire Traffic

TITLE
SCIENCE CLASSROOM & SCIENCE PREP ROOM TI AT PUYALLUP HIGH SCHOOL
 105 7TH ST SW
 PUYALLUP, WA 98371

STAMP

6181 REGISTERED ARCHITECT
 CHARLES STRAZZARA
 STATE OF WASHINGTON

ISSUED: DATE:
 PERMIT SET OCT. 26 2023
 PERMIT RESUBMITTAL SET JAN. 2, 2024



OVERALL 1ST FLOOR PLAN BUILDING 50-01

Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: 2023106
 Drawn By: RL
 Checked By: RL

A01-101

1 OVERALL 1ST FLOOR PLAN BUILDING 50-01
 SCALE: 3/32" = 1'-0"

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OVERALL ARCHITECTURAL FLOOR PLAN GENERAL NOTES

- OVERALL PLANS ARE PROVIDED FOR PLAN REFERENCE ONLY. REFER TO ENLARGED ROOM PLANS AND INTERIOR ELEVATIONS FOR MORE INFORMATION. SEE ENLARGED PLANS ON A07 SERIES DWGS FOR PLAN INFORMATION.
- NO ARCHITECTURAL WORK SCOPE AT BUILDING 05-01 FLOORS 2 & 3 EXCEPT FOR MEP SCOPE. REFER TO MEP SHEETS FOR MORE INFORMATION.
- BUILDING-02 IS LIMITED TO DEMOLITION/SALVAGE OF ITEMS TO BE PLACED IN BUILDING-01 FOR SCIENCE PROGRAM RELOCATION. CAP REMAINING UTILITY LINES AT BUILDING #2 AFTER PLUMBING REMOVAL. NO NEW WORK SCOPE AT BUILDING 50-02 AT EITHER LEVEL.

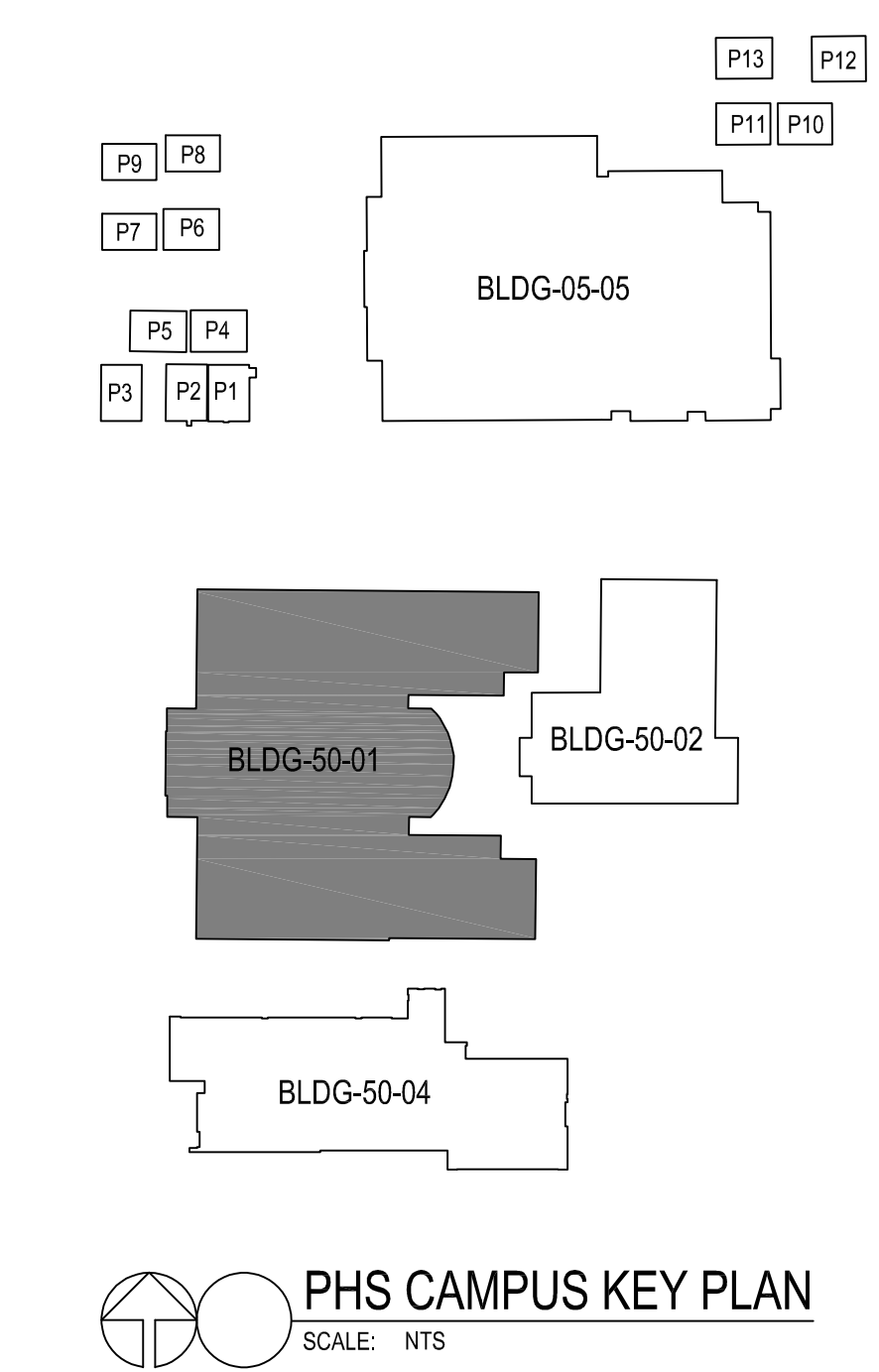
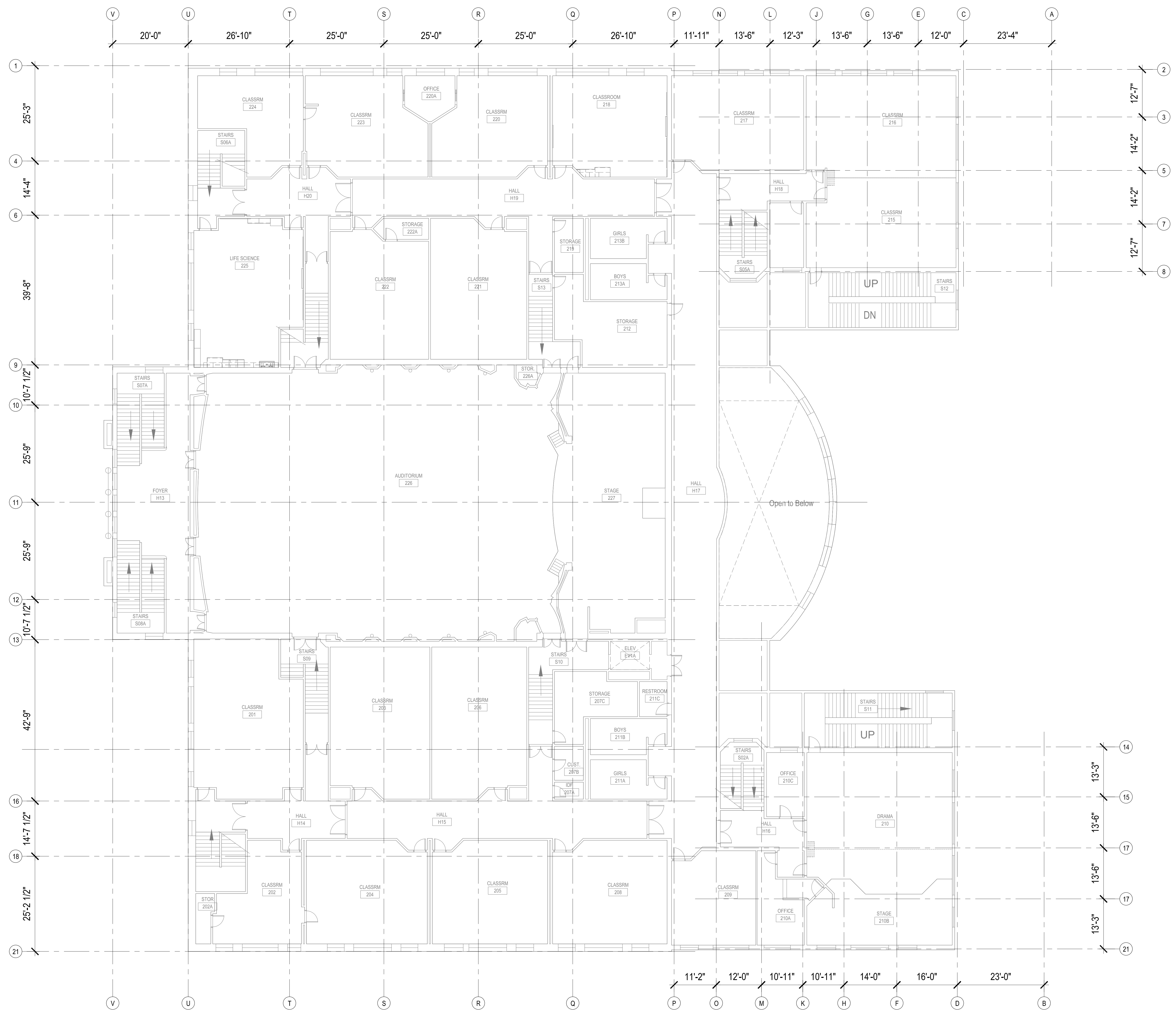
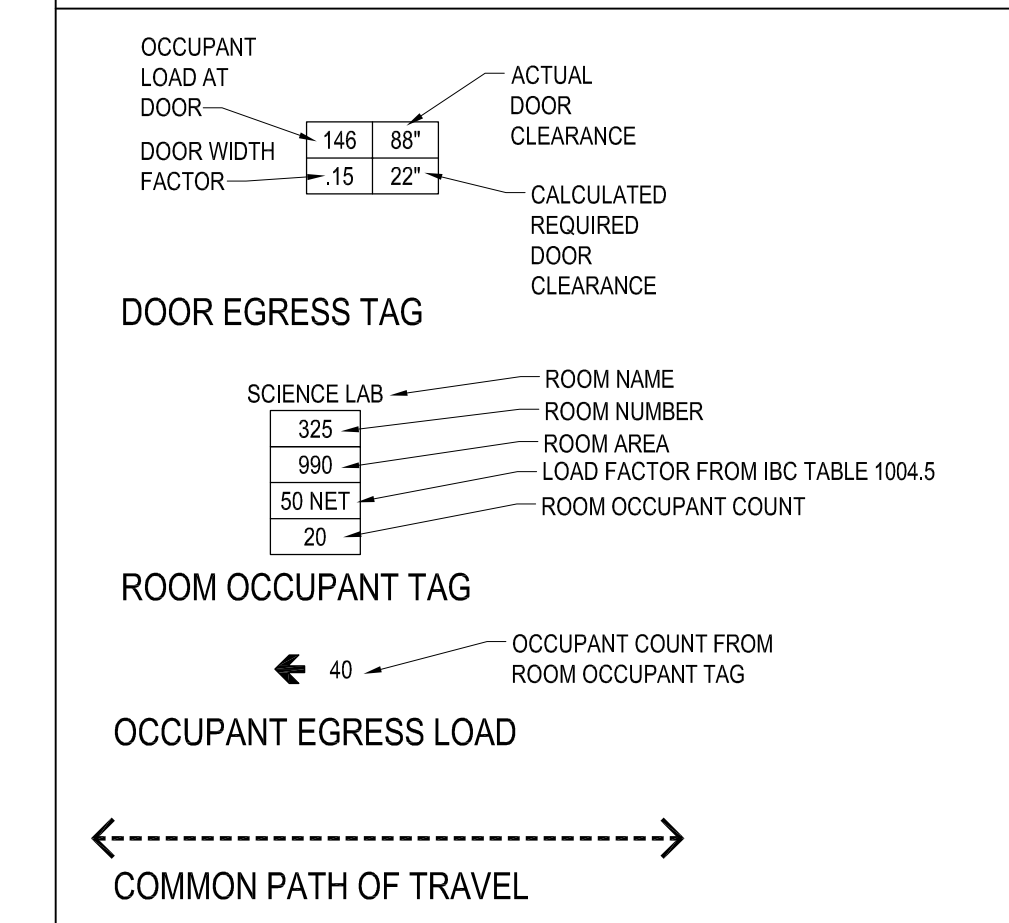
LEVEL 2 CODE SUMMARY

EXISTING BUILDING PREVIOUSLY CONSTRUCTED TO:
 1991 UBC - BUILDING, FIRE, AND MECH
 1990 WA STATE ENERGY CODE, CHAPTER 4

PER PREVIOUS 1991 UBC CONSTRUCTION TYPES:
 TYPE OF CONSTRUCTION: BUILDING 1: TYPE IV, WEST OF GRID P, NORTH OF GRID 9
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 TYPE OF CONSTRUCTION: BUILDING 3: TYPE IV, WEST OF GRID P, SOUTH OF GRID 15
 TYPE OF CONSTRUCTION: BUILDING 4: TYPE II, EAST OF GRID P
 (SCOPE OF WORK IS ENTIRELY IN BUILDING 1: AREA LISTED ABOVE)

LEVEL 2 TOTAL SF: 39,702 SF
 NO CHANGES TO EGRESS AT LEVEL 2

EGRESS LEGEND



1 OVERALL 2ND FLOOR FLOORPLAN BUILDING 50-01
 SCALE: 3/32" = 1'-0"

ARCHITECT

studio **MENG**
 STRAZZARA

2001 WESTERN AVE. STE. 200, SEATTLE, WA 98101
 www.studiomeng.com P: 206.987.2077

CONSULTANT

CLIENT/OWNER

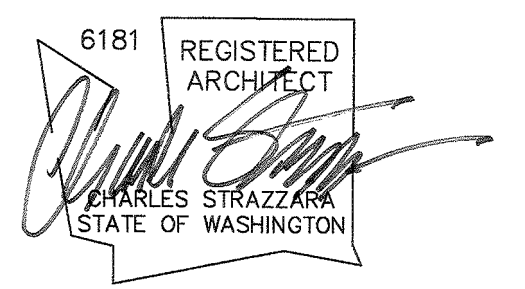


City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

TITLE
SCIENCE CLASSROOM & SCIENCE PREP ROOM TI AT PUYALLUP HIGH SCHOOL
 105 7TH ST SW
 PUYALLUP, WA
 98371

STAMP



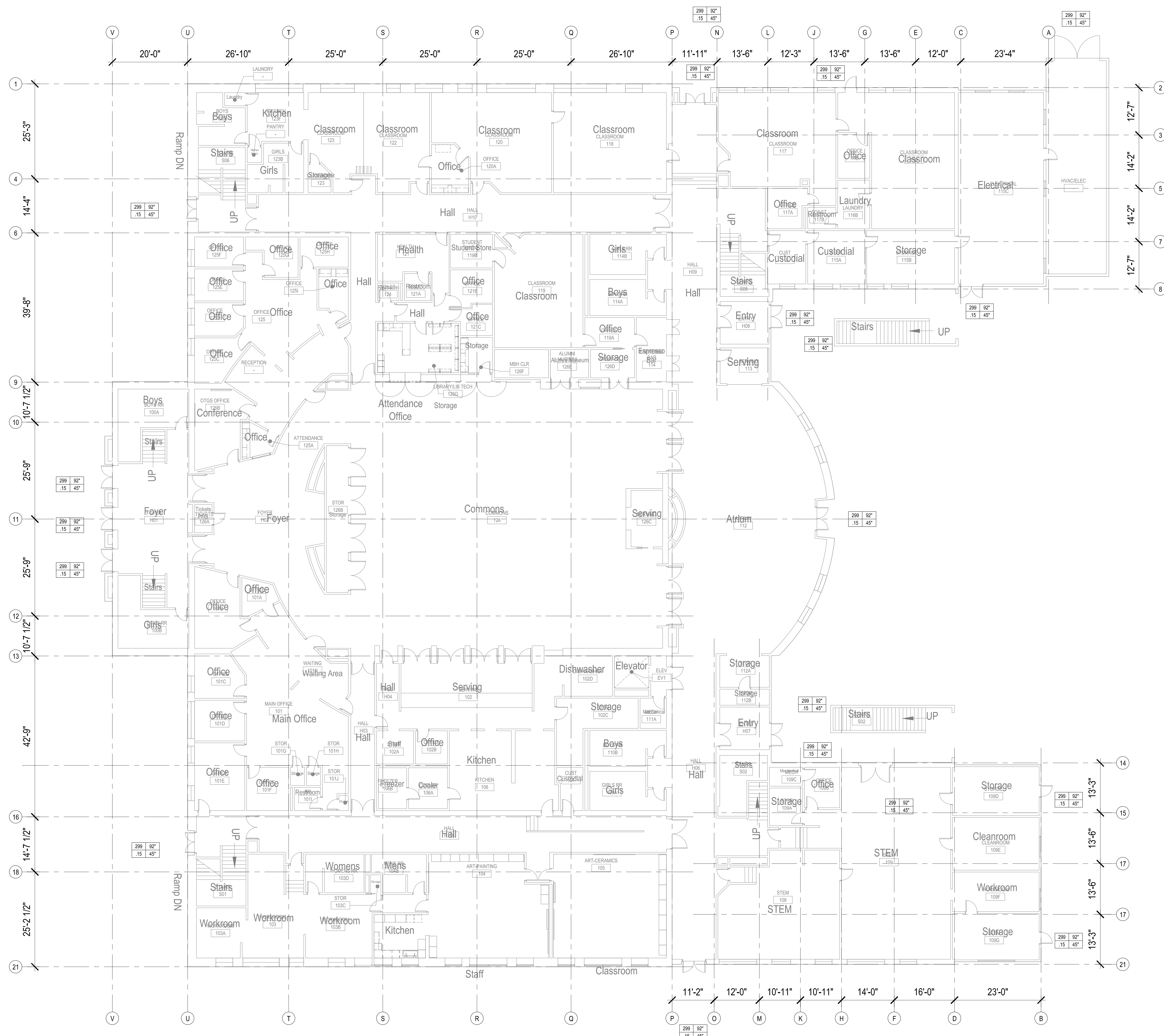
ISSUED: _____ DATE: _____
 PERMIT SET OCT. 26 2023
 PERMIT RESUBMITTAL SET JAN. 2, 2024

OVERALL 2ND FLOOR FLOORPLAN BUILDING 50-01

Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: 2023106
 Drawn By: RL
 Checked By: RL

A01-102

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OVERALL ARCHITECTURAL FLOOR PLAN GENERAL NOTES

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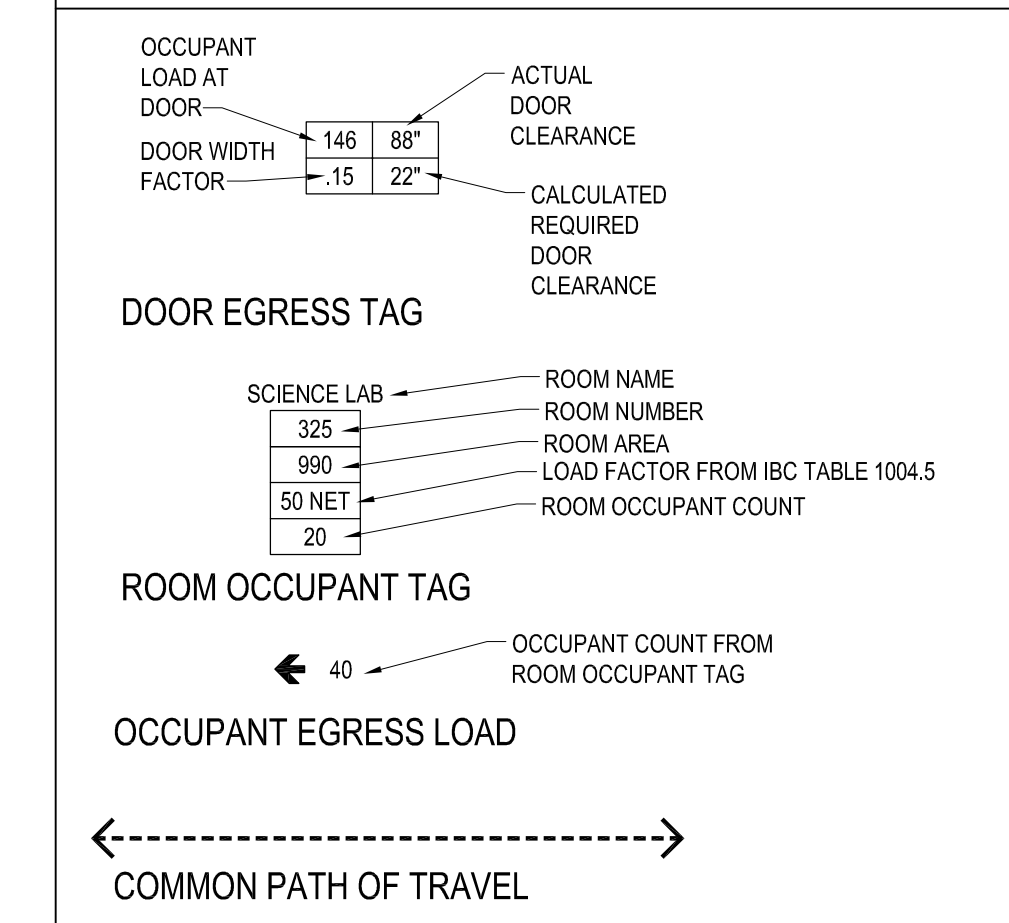
LEVEL 1 CODE SUMMARY

EXISTING BUILDING PREVIOUSLY CONSTRUCTED TO:
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 1990 WA STATE ENERGY CODE, CHAPTER 4

PER PREVIOUS 1991 UBC CONSTRUCTION TYPES:
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 TYPE OF CONSTRUCTION: BUILDING 3: TYPE IV, WEST OF GRID P, SOUTH OF GRID 15
 TYPE OF CONSTRUCTION: BUILDING 4: TYPE II, EAST OF GRID P
 (SCOPE OF WORK IS ENTIRELY IN BUILDING 1: AREA LISTED ABOVE)

LEVEL 1 TOTAL SF: 46,332 SF
 NO CHANGES TO EGRESS AT LEVEL 1

EGRESS LEGEND



ARCHITECT

studio **MENG**
STRAZZARA

CONSULTANT

PRCTI20231574

CLIENT/OWNER

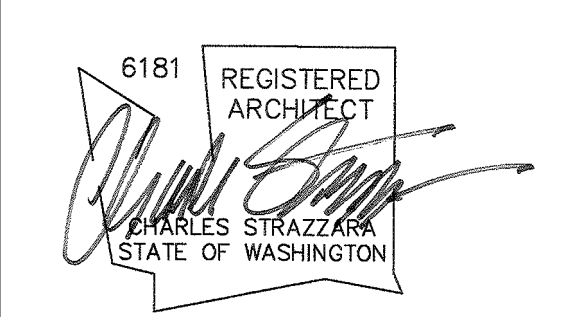


City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

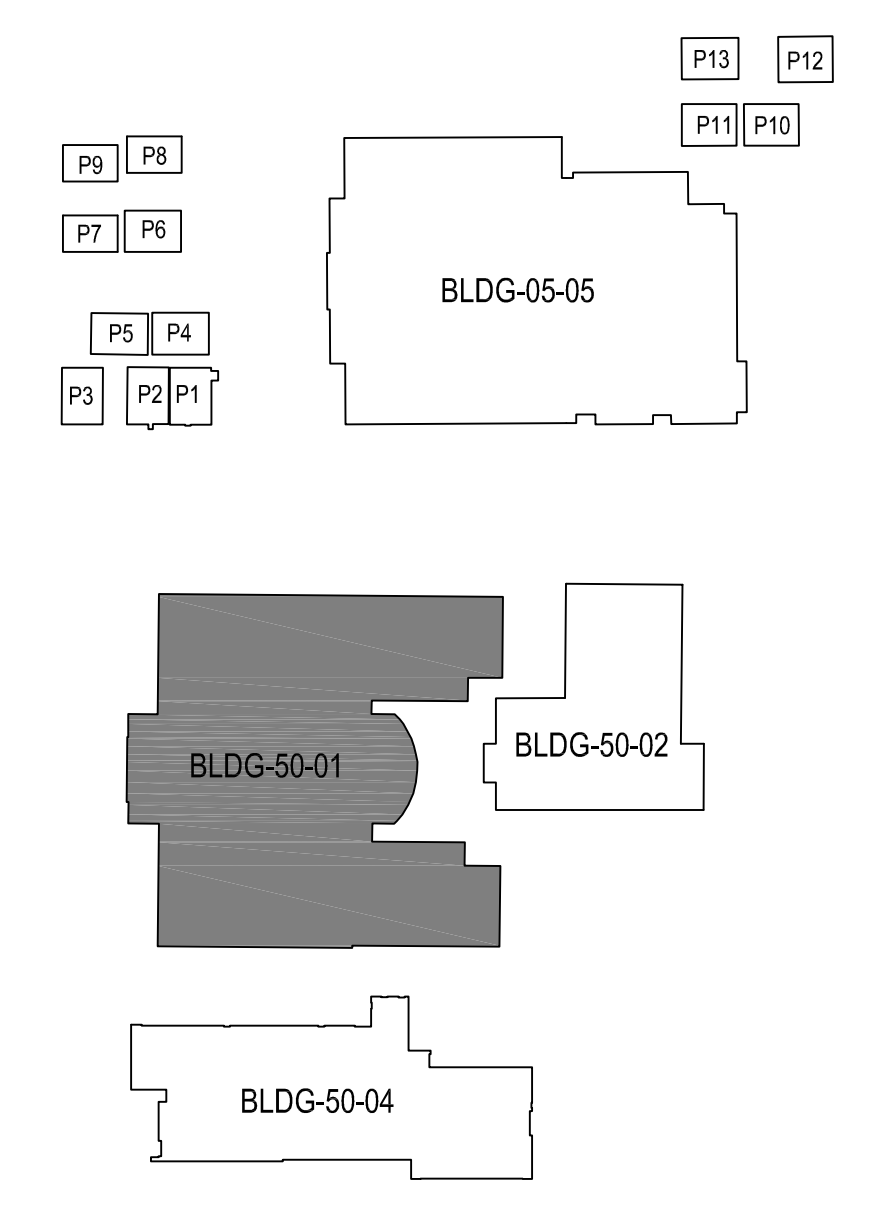
Building	Planning
Engineering	Public Works
Fire	Traffic

TITLE
SCIENCE CLASSROOM & SCIENCE PREP ROOM TI AT PUYALLUP HIGH SCHOOL
 105 7TH ST SW
 PUYALLUP, WA 98371

STAMP



ISSUED: _____ DATE: _____
 PERMIT SET OCT. 26 2023
 PERMIT RESUBMITAL SET JAN. 2, 2024



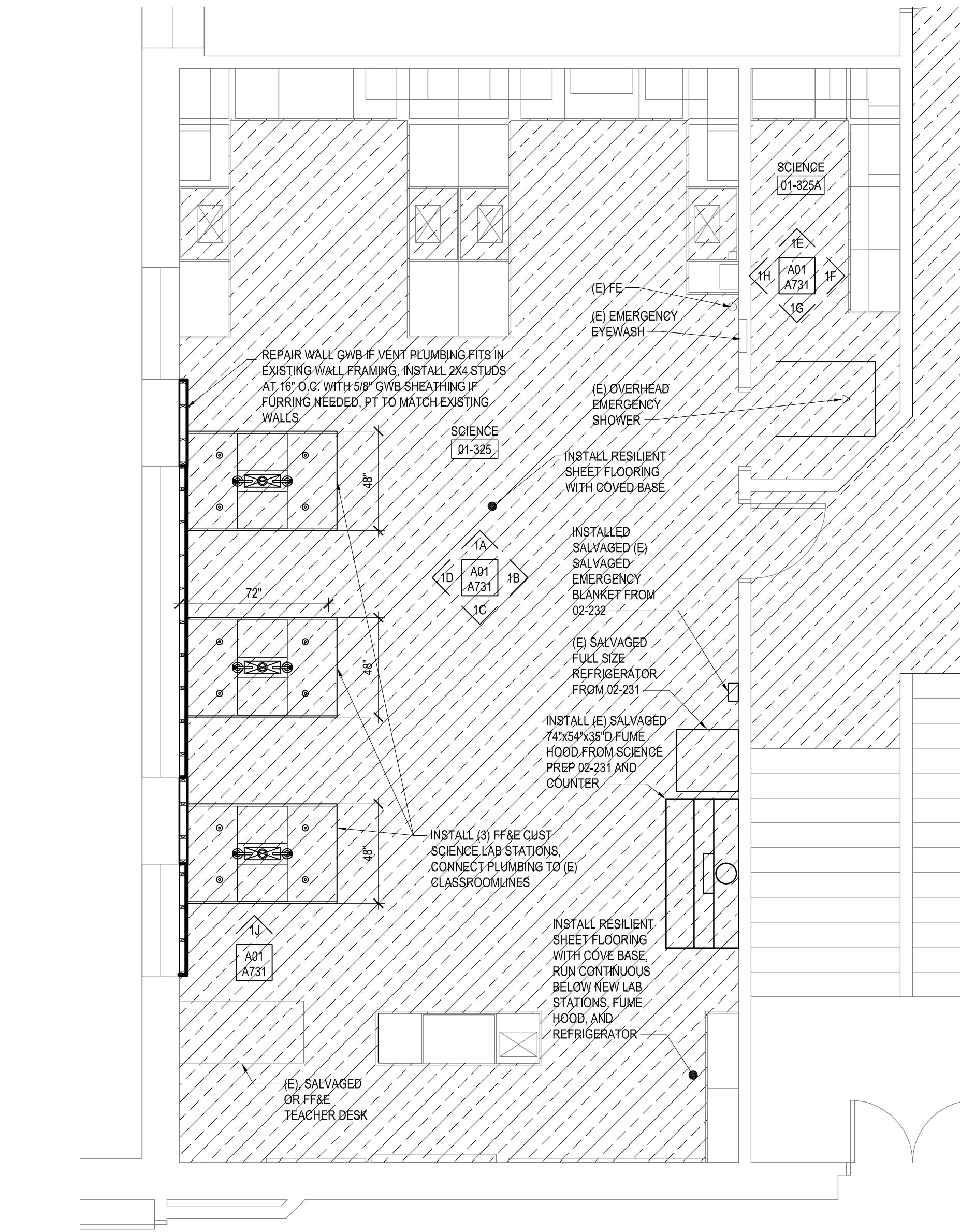
PHS CAMPUS KEY PLAN
 SCALE: NTS

1 OVERALL 1ST FLOOR PLAN BUILDING 50-01
 SCALE: 3/32" = 1'-0"

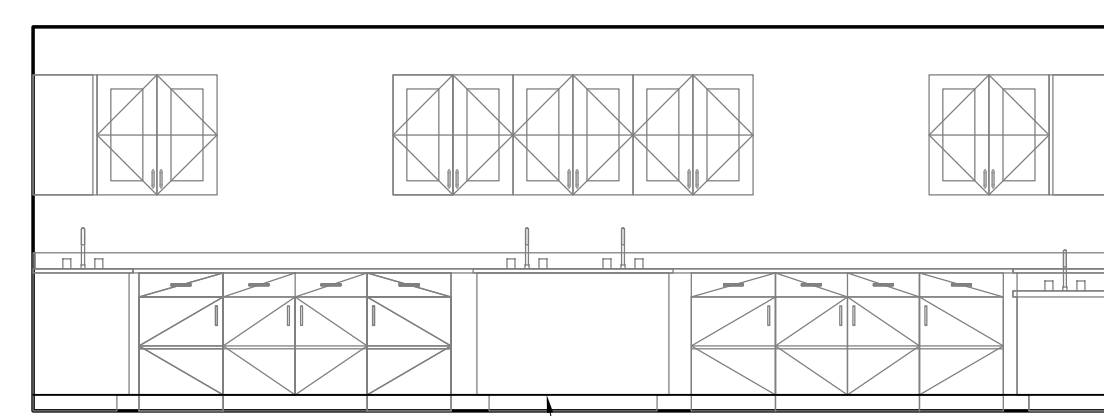
Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: 2023106
 Drawn By: RL
 Checked By: RL

A01-101

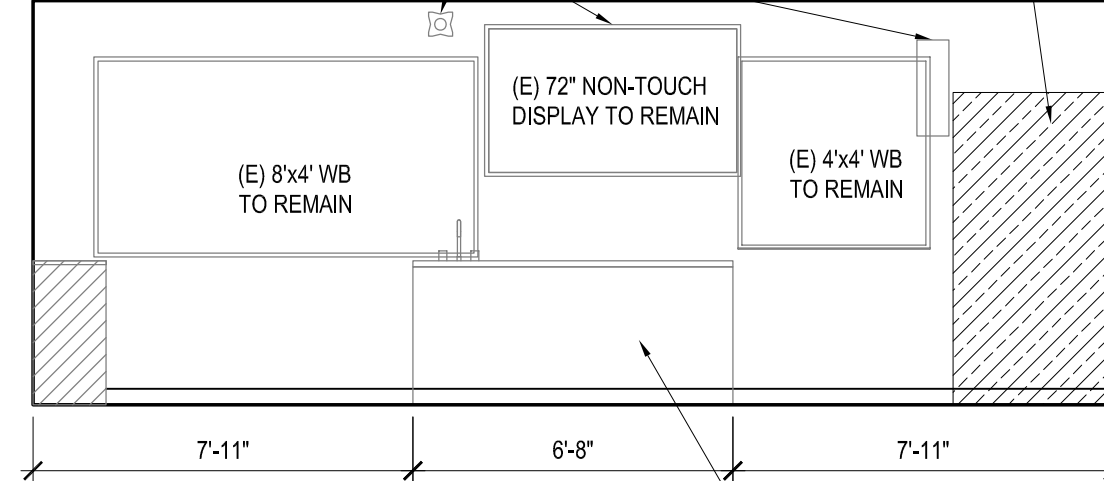
PRCTI20231574



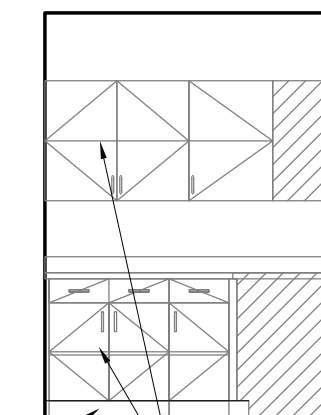
1 01-325 & 01-324 SCIENCE CLASSROOM
SCALE: 1/4" = 1'-0"



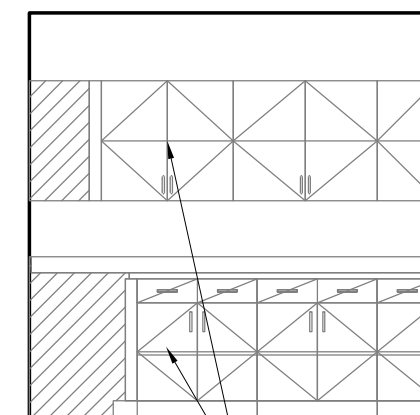
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SCALE: 1/4" = 1'-0"



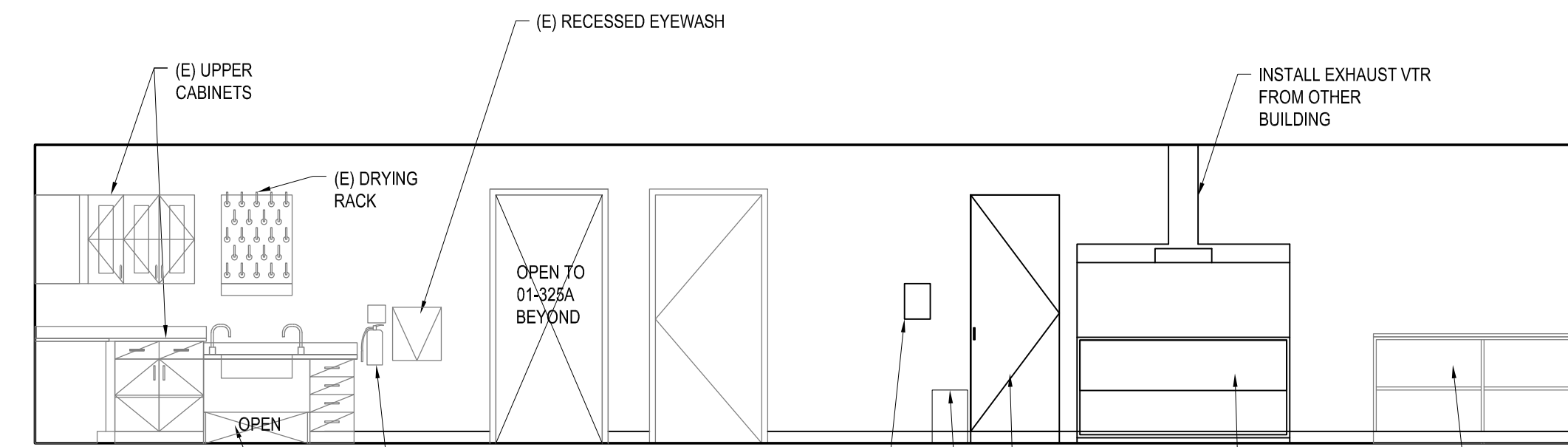
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SCALE: 1/4" = 1'-0"



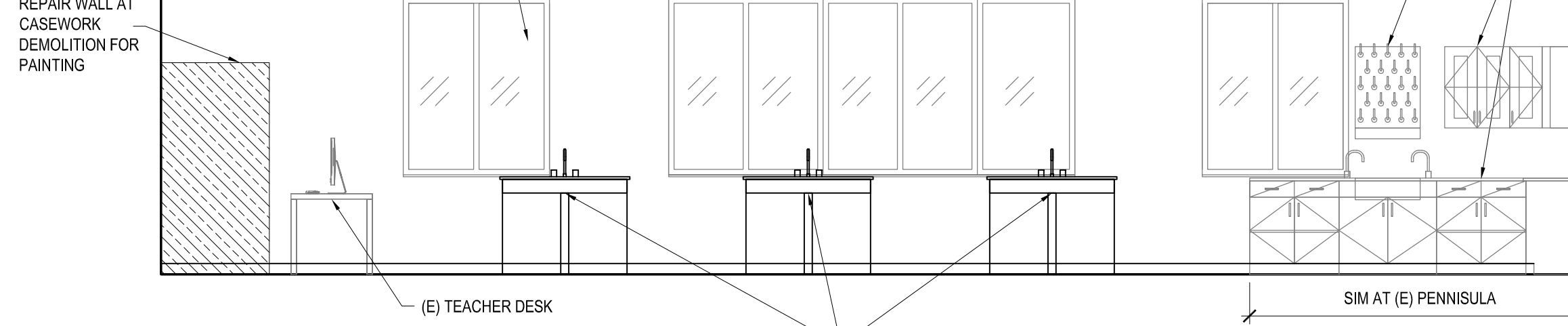
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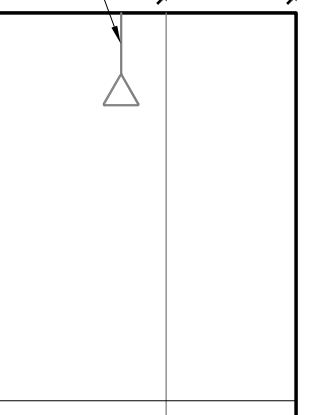
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SCALE: 1/4" = 1'-0"



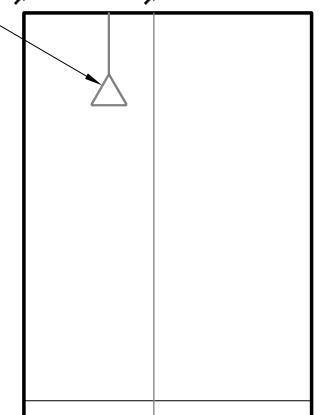
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SCALE: 1/4" = 1'-0"



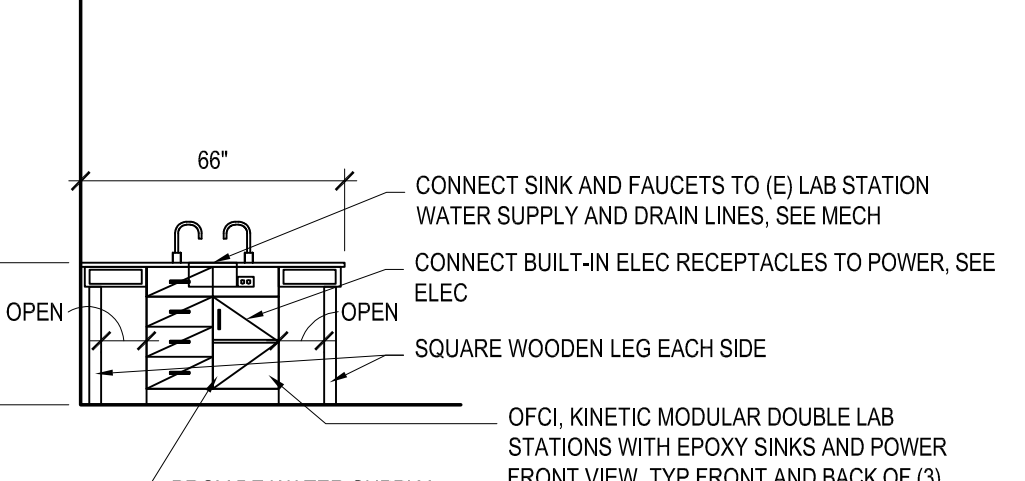
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SCALE: 1/4" = 1'-0"



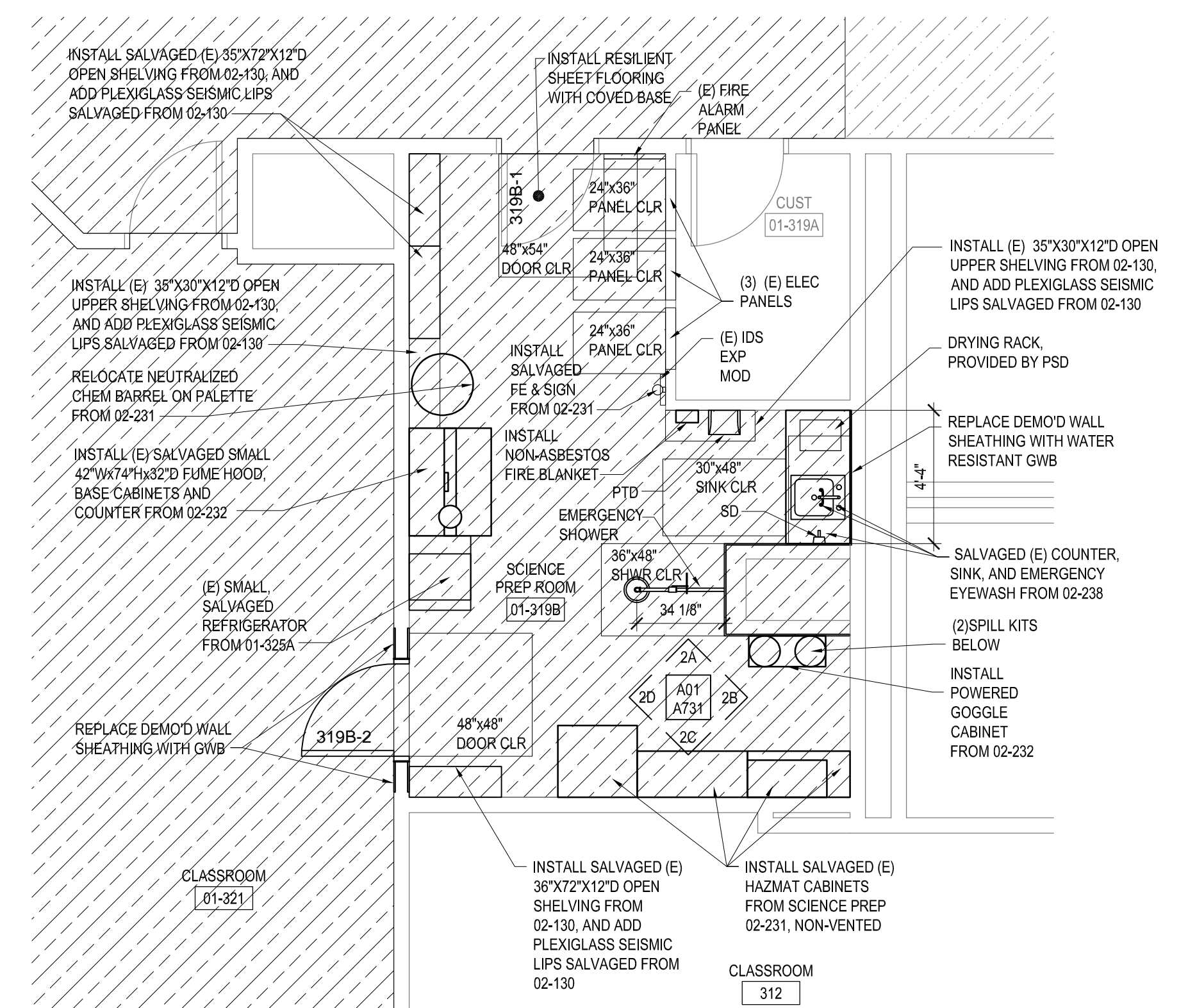
1G 01-325A SCIENCE -S
SCALE: 1/4" = 1'-0"



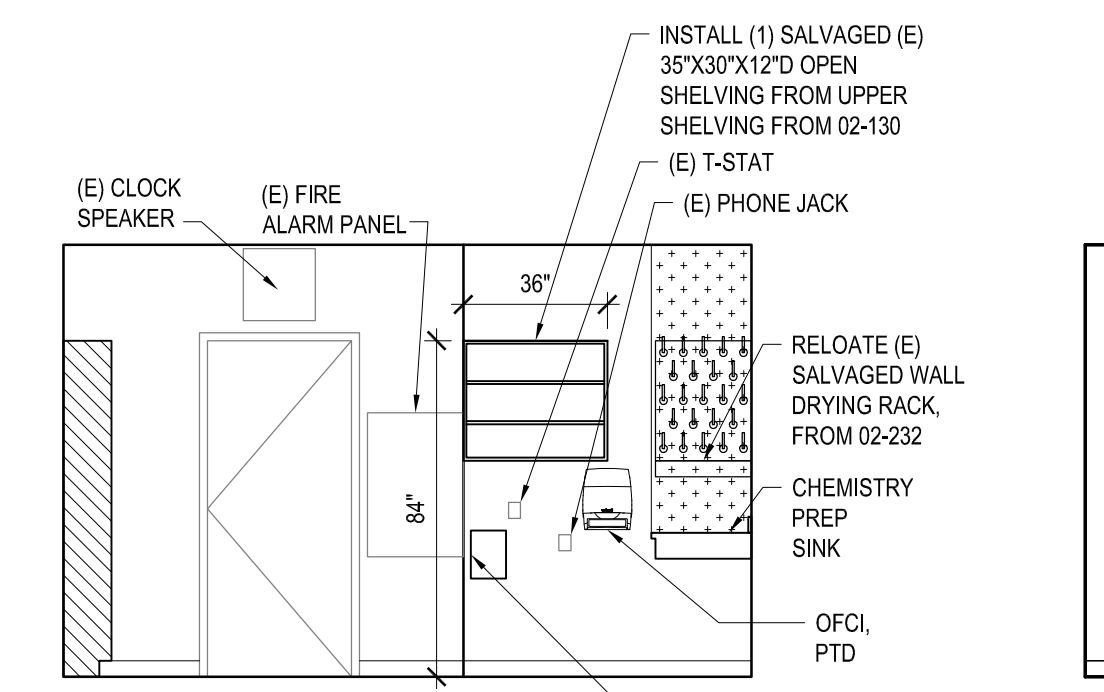
1H 01-325A SCIENCE -W
SCALE: 1/4" = 1'-0"



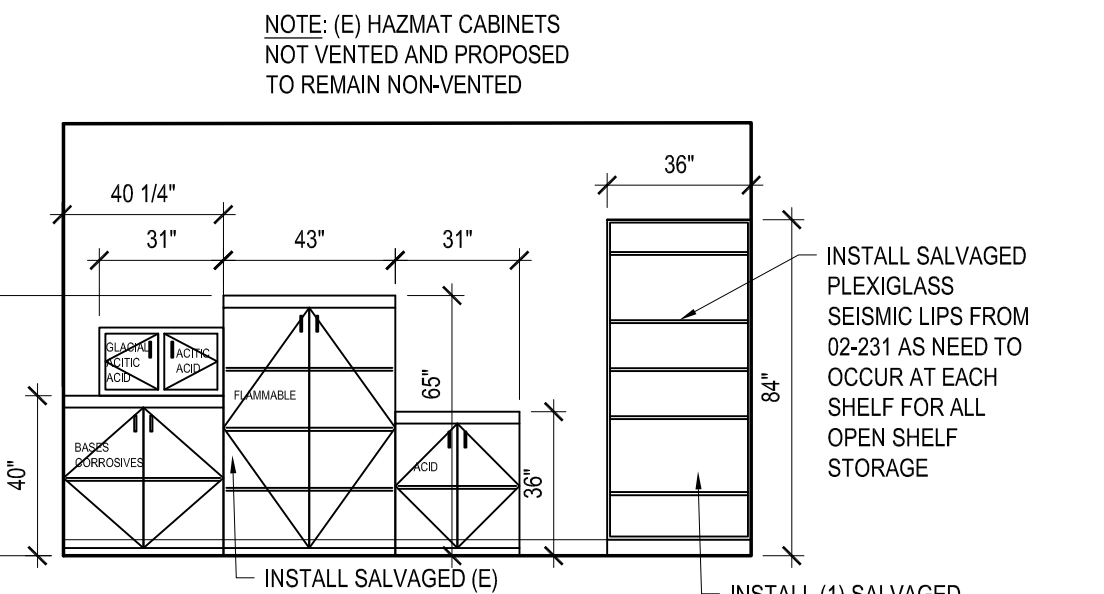
1J 01-325 SCIENCE-TYP NEW LAB STATION
SCALE: 1/4" = 1'-0"



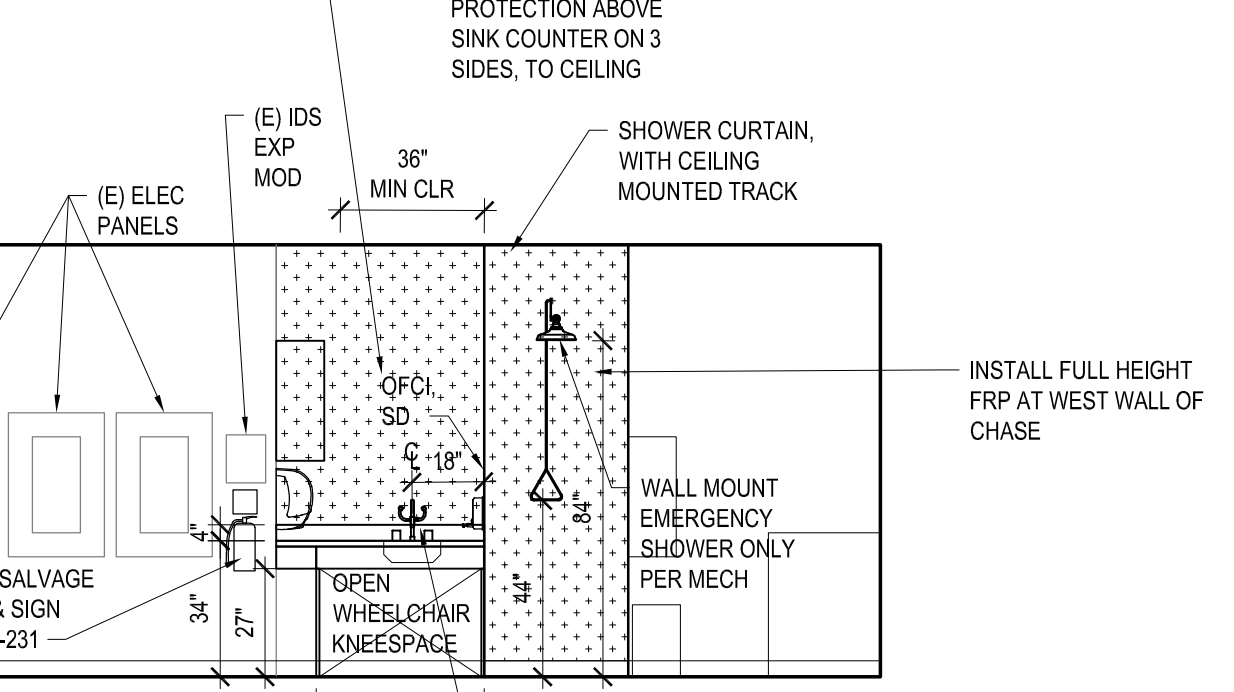
2 01-319B SCIENCE PREP ROOM ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"



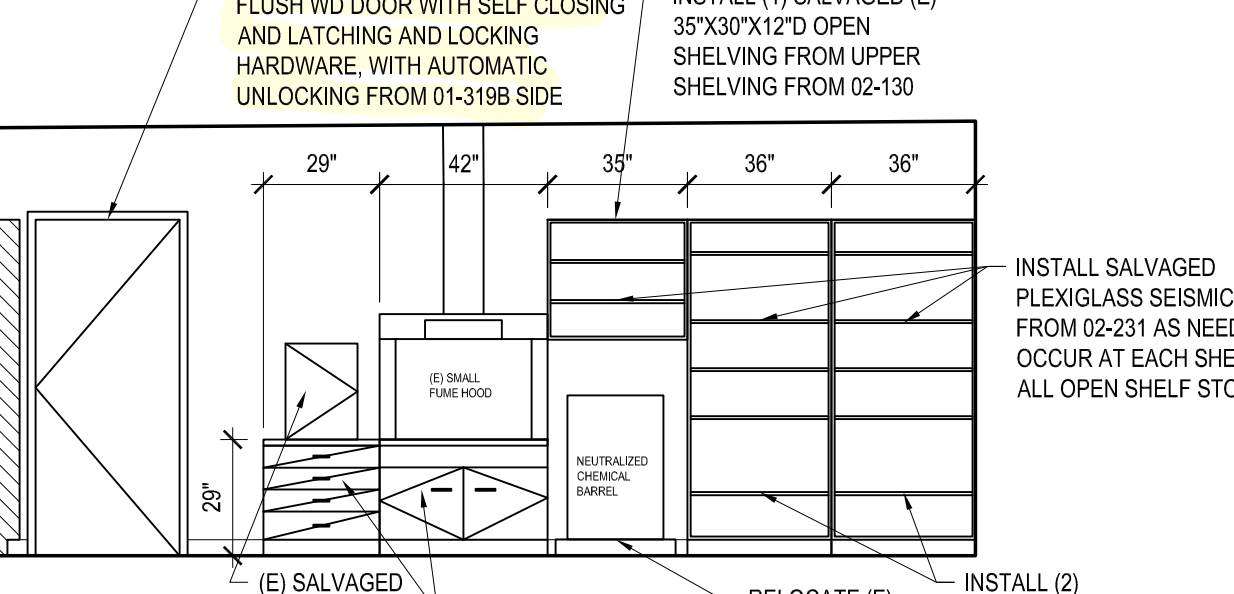
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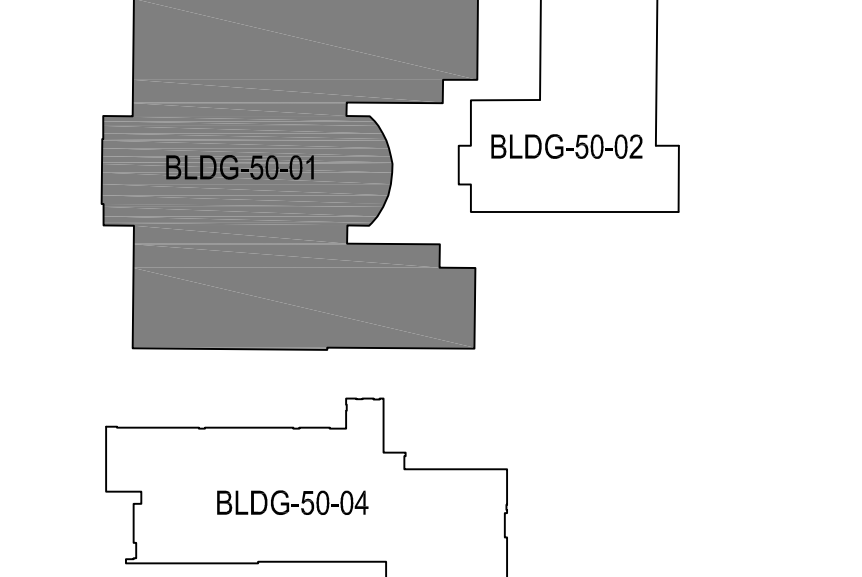
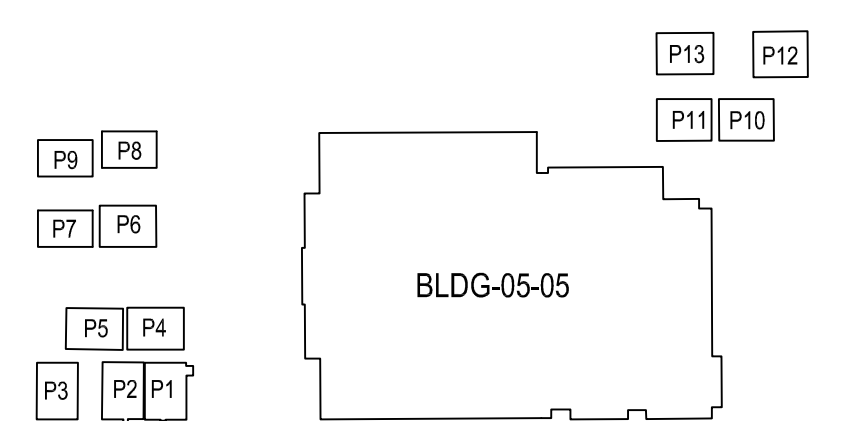
2C SCIENCE PREP 01-319B
SCALE: 1/4" = 1'-0"



2B SCIENCE PREP 01-319B
SCALE: 1/4" = 1'-0"



2D SCIENCE PREP 01-319B
SCALE: 1/4" = 1'-0"



PHS CAMPUS KEY PLAN
SCALE: NTS

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

TITLE
SCIENCE CLASSROOM
& SCIENCE PREP
ROOM TI AT
PUYALLUP HIGH
SCHOOL
105 7TH ST SW
PUYALLUP, WA
98371

STAMP



ISSUED: DATE:

PERMIT SET OCT. 26 2023

PERMIT RESUBMITTAL SET JAN. 2, 2024

MECHANICAL
LEGEND,
SCHEDULES
AND DETAILS

Building Permit #: -

Site Permit #: -

Owner's Project #: -

Architect's Project #: 2023106

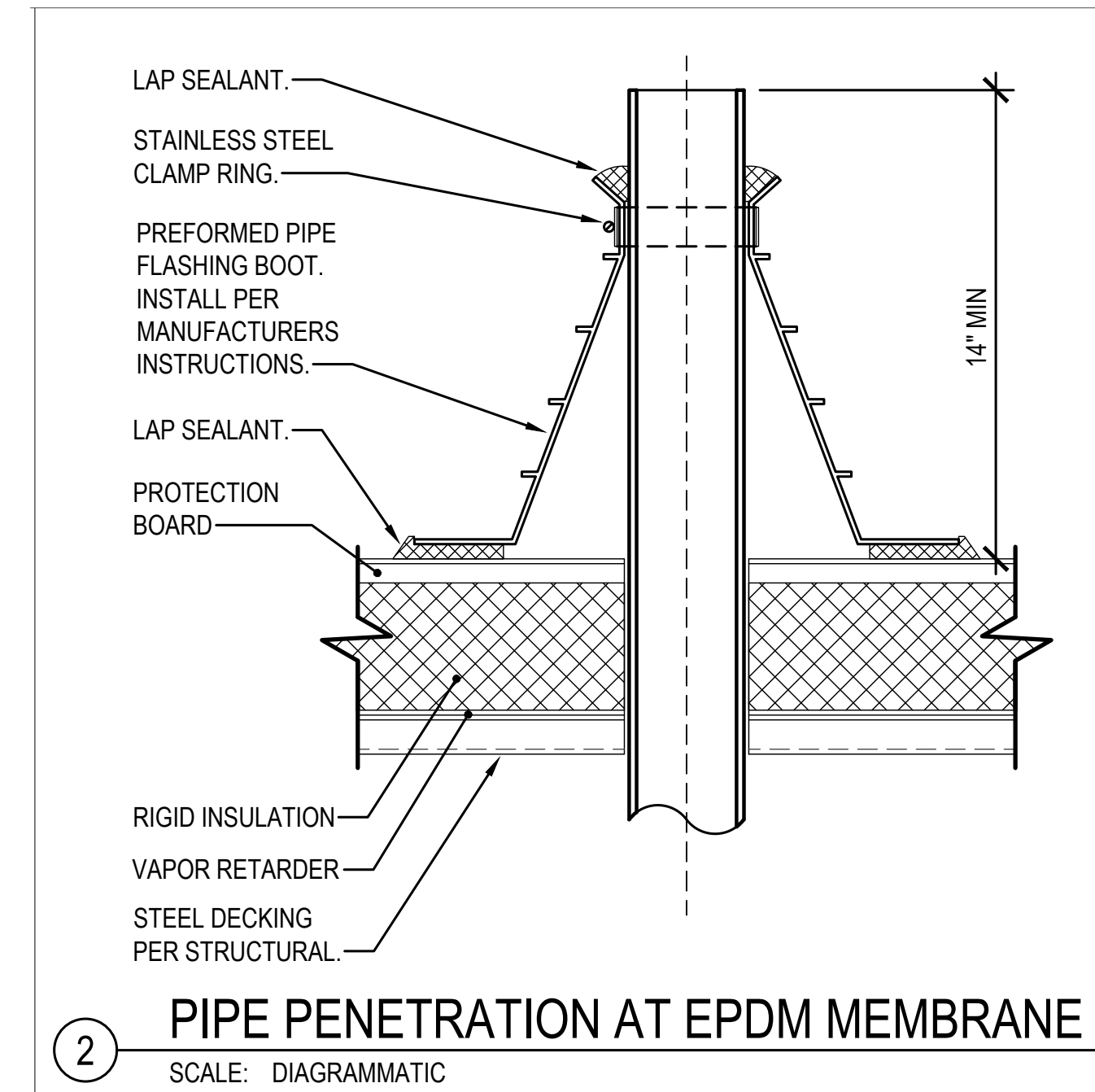
Drawn By TT

Checked By JH

M01-100

MECHANICAL LEGEND

HVAC			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SUPPLY DUCT UP		RECTANGULAR DUCT SQUARE ELBOW UP
	SUPPLY DUCT DOWN		RECTANGULAR DUCT, RADIUS ELBOW UP
	RETURN, RELIEF, TRANSFER, OSA DUCT UP		RECTANGULAR DUCT, SQUARE ELBOW DOWN
	RETURN, RELIEF, TRANSFER, OSA DUCT DOWN		RECTANGULAR DUCT, RADIUS ELBOW DOWN
	EXHAUST DUCT UP		ROUND DUCT ELBOW UP
	EXHAUST DUCT DOWN		ROUND DUCT ELBOW DOWN
	ROUND DUCT		FLEXIBLE DUCT
			BACKDRAFT DAMPER (BD)
PLUMBING			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ACID VENT		DOMESTIC COLD WATER (CW)
	ACID WASTE		DOMESTIC HOT WATER (HW)
	NON POTABLE		DOMESTIC HOT WATER CIRCULATING (HWC)
	GATE VALVE (GV)		SOIL, WASTE (S, W)
	GLOBE VALVE		VENT (V), OR HIDDEN BELOW WASTE
	BUTTERFLY VALVE		WASTE OR VENT UP
	BALL VALVE		WALL CLEANOUT
	BALANCING COCK (BC)		FLUSH CLEANOUT (FCO/SCO)
	PIPE DOWN		CLEAN OUT (CO)
	PIPE UP		IN LINE WASTE CONNECTION
	BRANCH-TOP CONNECTION		P-TRAP
	BRANCH-BOTTOM CONNECTION		BRANCH PIPE DOWN
	BRANCH-SIDE CONNECTION		BRANCH PIPE UP
	FLOW DIRECTION		TEE & UP
	VALVE IN RISER / DROP		TEE
	FLOOR DRAIN		ELBOWS, 90° & 45°
	CROSSING LINES, NON CONNECTING		CAP
	PIPE CONTINUATION		TRAP PRIMER
MC	MECHANICAL CONTRACTOR	POC	POINT OF CONNECTION
EC	ELECTRICAL CONTRACTOR	BFF	BELOW FINISHED FLOOR
GC	GENERAL CONTRACTOR	AFF	ABOVE FINISHED FLOOR



PLUMBING FIXTURE SCHEDULE

UNIT NO	FIXTURE	MOUNTING	MANUFACTURER AND MODEL NUMBERS	W	V	HW	CW	REMARKS
P-1	LAB STATION	FLOOR	STATION/FAUCET/SINK: SCHOOL OUTFITTERS KINETIC MODULAR DOUBLE LAB STATION W/ EPOXY SINK SUPPLIES: MCGUIRE LFBV216SCC TRAP: ZURN Z3A-PPTRAP MIXING VALVE: BRADLEY S59-4000	2" (AW)	1-1/2" (AV)	1/2"	1/2"	SET MAXIMUM HOT WATER DELIVERY TEMPERATURE AT 105°F. PROVIDE MIXING VALVE WITH MOUNTING BRACKET, BRADLEY MODEL S45-2456. SINK AND FAUCET BY OTHERS. STOPS, TRAP, AND FITTINGS BY MC.
P-2	EQUIPMENT CLEAN UP SINK	COUNTER	SINK: FURNISHED BY OWNER (SALVAGED FROM SCIENCE 02-238) FAUCET & EMERGENCY EYE WASH COMBO: SPEAKMAN SEF-1800-8 SUPPLIES: MCGUIRE LFBV216SCC ACID NEUTRALIZATION: ZURN Z3A-PHIX MIXING VALVE: BRADLEY S59-4000	2"	1-1/2"	1/2"	1/2"	ADA COMPLIANT. PROVIDE WITH PLUMBEREX P-TRAP AND 2 VALVE & SUPPLY ADA COVERS MODEL #M4333. LOCATE ACID TRAP IN ADJACENT CASEWORK MODULE FOR ADA FRONT APPROACH. EYE WASH ADD ONS: NON-AERATED EYEWASH OUTLETS, THERMOSTATIC MIXING VALVE FOR TEPID WATER, EYE WASH MIXING VALVE SET TO 85°F. FAUCET ADD ONS: THERMOSTATIC MIXING VALVE FOR TEPID WATER. FAUCET MIXING VALVE SET TO 105°F. COORDINATE NEW FAUCET WITH SALVAGED SINK.
P-3	EMERGENCY SHOWER ADA	WALL	UNIT: STINGRAY T3035	-	-	1-1/4"	1-1/4"	BARRIER-FREE. WITH INTEGRATED MIXING VALVE SET TO 85°F. EPOXY COATED PIPE. ABS SHOWERHEAD.
FD	FLOOR DRAIN	FLOOR	UNIT: JR SMITH 2005	-	-	-	-	*SEE PLANS FOR WASTE AND VENT CONNECTION SIZE

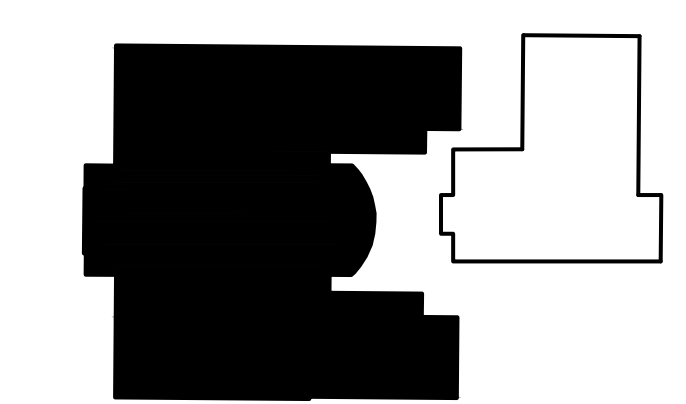
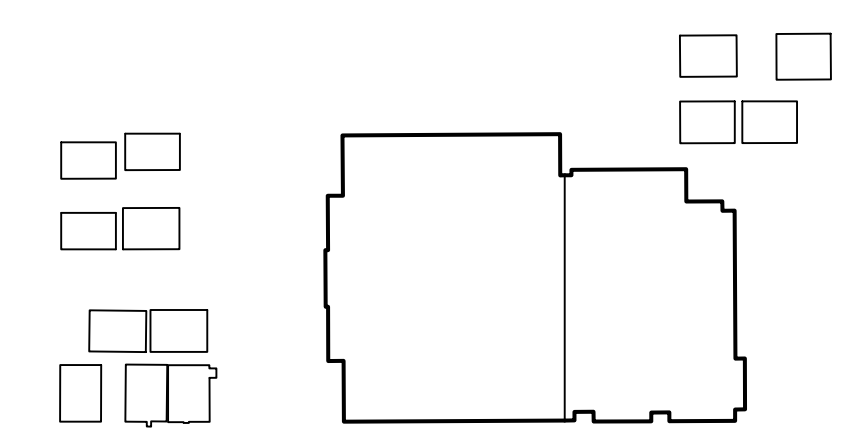
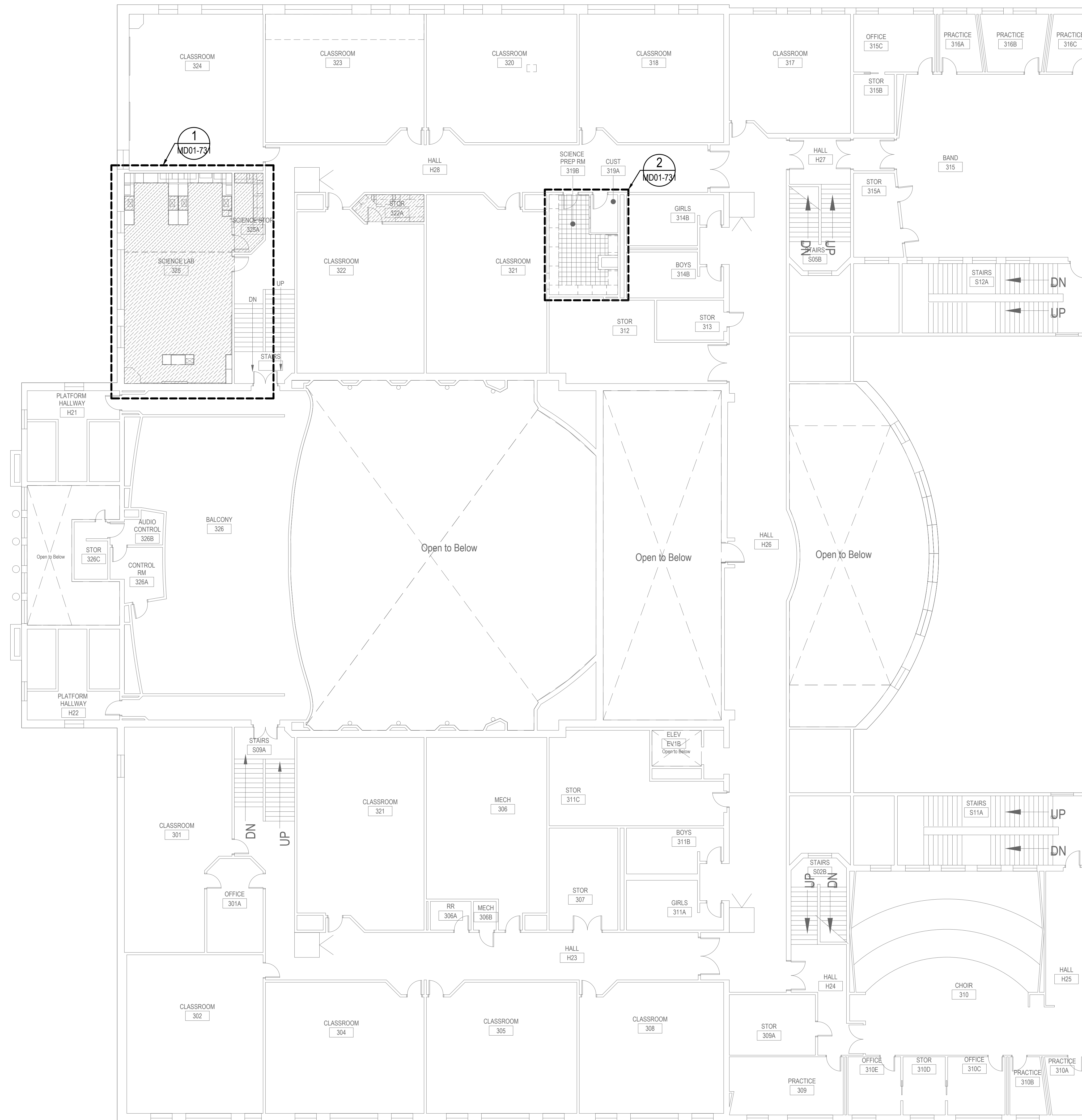
ELECTRONIC TRAP PRIMER SCHEDULE

UNIT NO	MANUFACTURER	MODEL	LOCATION	NUMBER OF TRAPS SERVED	ELECTRICAL		REMARKS
					VOLTS	PH	
TP-1	PRECISION PLUMBING PRODUCTS	MP-500-115V	STORAGE 01-319A	1	120	1	1
NOTES							
1. LOCATE POWER DISCONNECT ADJACENT TO TRAP PRIMER.							

GENERAL NOTES

1. THIS SHEET INCLUDED FOR REFERENCE ONLY.

PRCTI20231574



1 OVERALL 3RD FLOOR MECHANICAL DEMOLITION FLOOR PLAN BUILDING 50-01
SCALE: 3/32" = 1'-0"

2 PHS CAMPUS KEY PLAN
SCALE: NTS

ARCHITECT

studio MENG STRAZZARA

2001 WESTERN AVE. STEW 250, SEATTLE, WA 98121
www.studio101.com | P: 206.687.3787

CONSULTANT

BCE engineers, inc.

6021 12th Street East, Suite 200
Fife, Washington 98424
T: 253.922.0446
F: 253.922.0896

CLIENT/OWNER

PUYALLUP SCHOOL DISTRICT
A Tradition of Excellence

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

TITLE
SCIENCE CLASSROOM
& SCIENCE PREP
ROOM TI AT
PUYALLUP HIGH
SCHOOL
105 7TH ST SW
PUYALLUP, WA
98371

STAMP

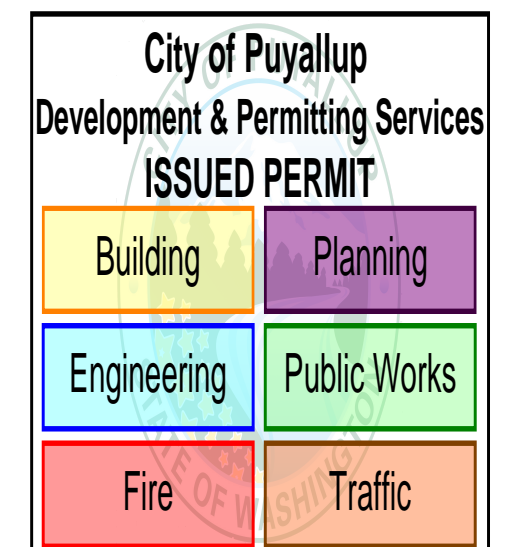


ISSUED: DATE:
PERMIT SET OCT. 26 2023
PERMIT RESUBMITTAL SET JAN. 2, 2024

OVERALL
3RD FLOOR MECH
DEMO FLOOR PLAN
BUILDING 50-01

Building Permit #: -
Site Permit #: -
Owner's Project #: -
Architect's Project #: 2023106
Drawn By TT
Checked By JH

MD01-103



TITLE
**SCIENCE CLASSROOM
& SCIENCE PREP
ROOM TI AT
PUYALLUP HIGH
SCHOOL**

105 7TH ST SW
PUYALLUP, WA
98371

STAMP



ISSUED: _____ DATE: _____
PERMIT SET OCT. 26 2023
PERMIT RESUBMITTAL SET JAN. 2, 2024

**ENLARGED
MECHANICAL
DEMOLITION PLANS
BUILDING 50-01**

Building Permit #: _____
Site Permit #: _____
Owner's Project #: _____
Architect's Project #: 2023106
Drawn By TT
Checked By JH

MD01-731

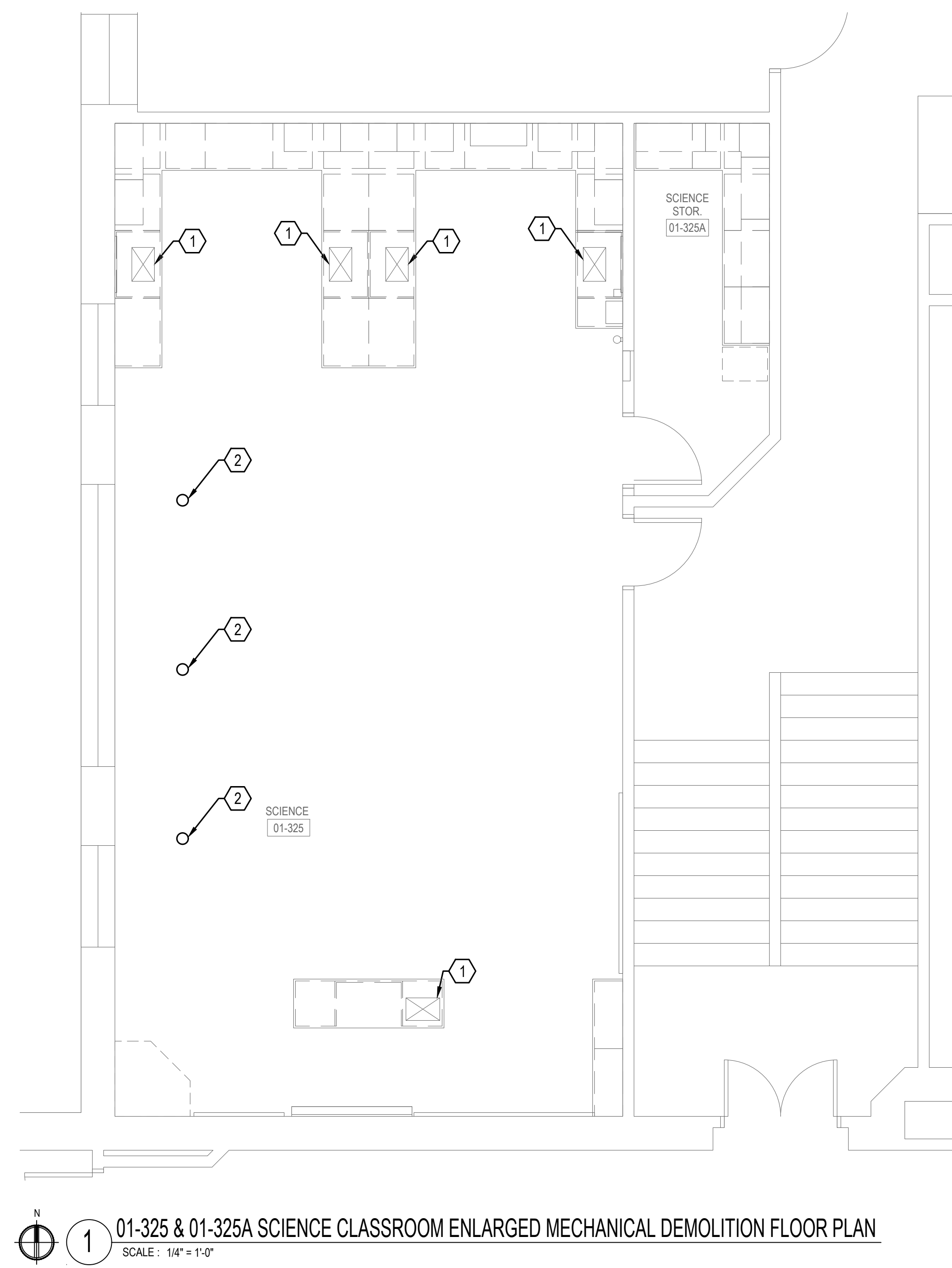
GENERAL NOTES

- 1. DRAWING IS DIAGRAMMATIC. CONTRACTOR TO FIELD VERIFY ALL PLUMBING EQUIPMENT LOCATIONS AND SIZES.
- 2. ITEMS SHOWN LIGHT ARE EXISTING TO REMAIN.
- 3. COORDINATE FLOOR REPAIR WITH GC.

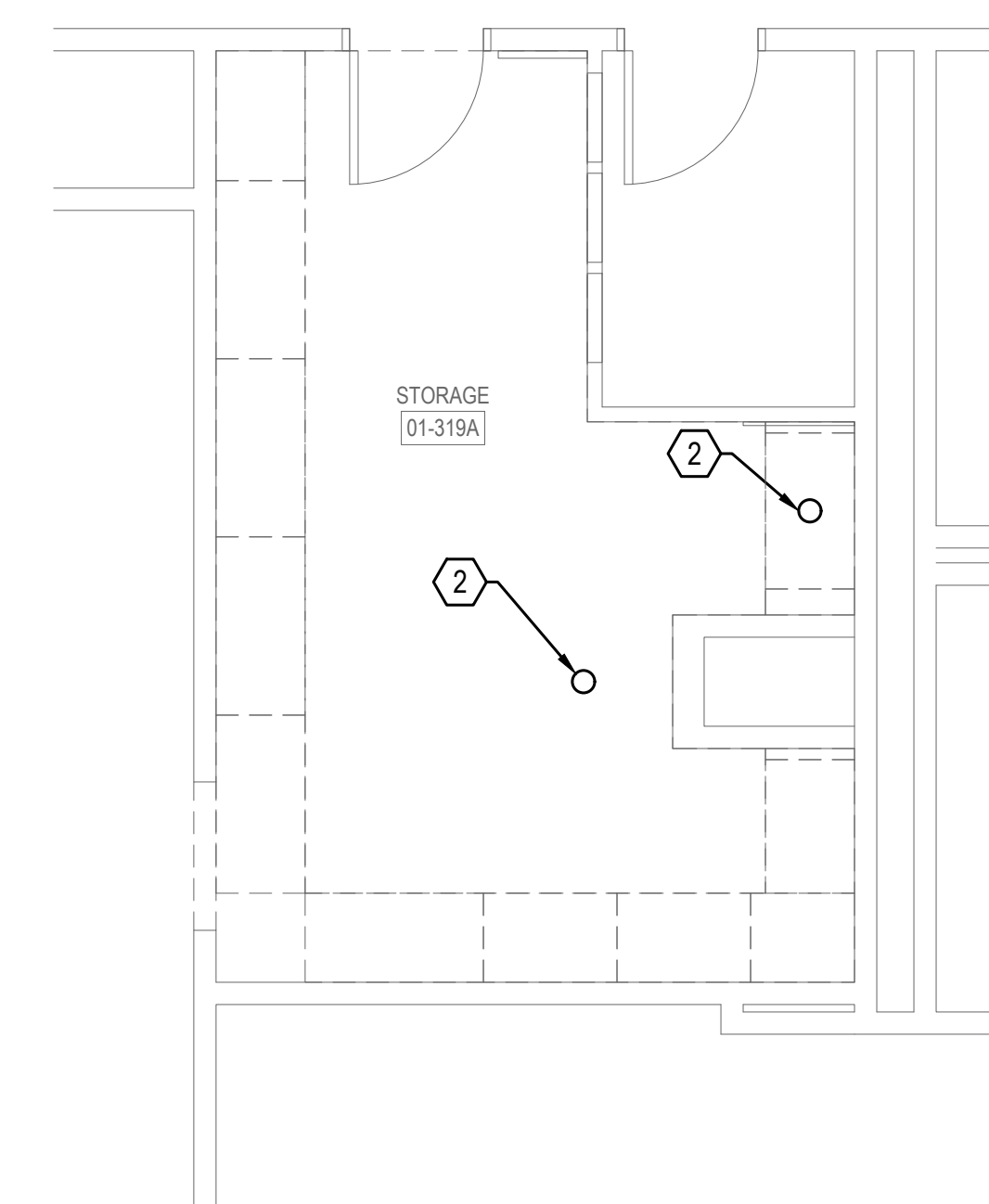
PRCTI20231574

DEMOLITION NOTES

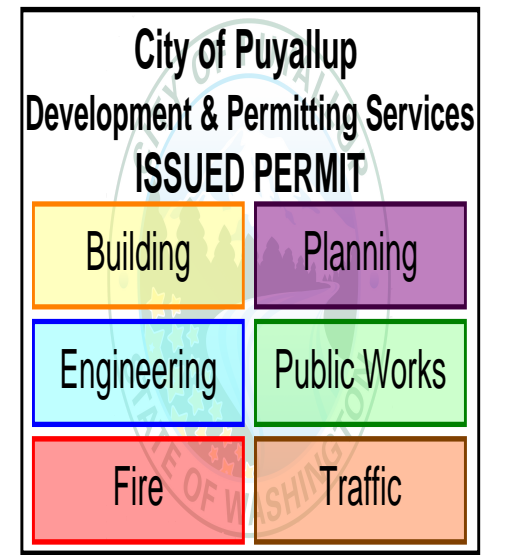
- ① SINK TO BE MAINTAINED. SHOWN FOR REFERENCE.
- ② 6" Ø MAXIMUM CORE DRILL THROUGH FLOOR FOR INSTALLATION OF NEW PIPING. VERIFY FINAL LOCATION TO AVOID STRUCTURAL MEMBERS.



1 01-325 & 01-325A SCIENCE CLASSROOM ENLARGED MECHANICAL DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 01-319A STORAGE ENLARGED MECHANICAL DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"



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SCIENCE CLASSROOM & SCIENCE PREP ROOM TI AT PUYALLUP HIGH SCHOOL
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ENLARGED MECHANICAL PLANS BUILDING 50-01

Building Permit #: -
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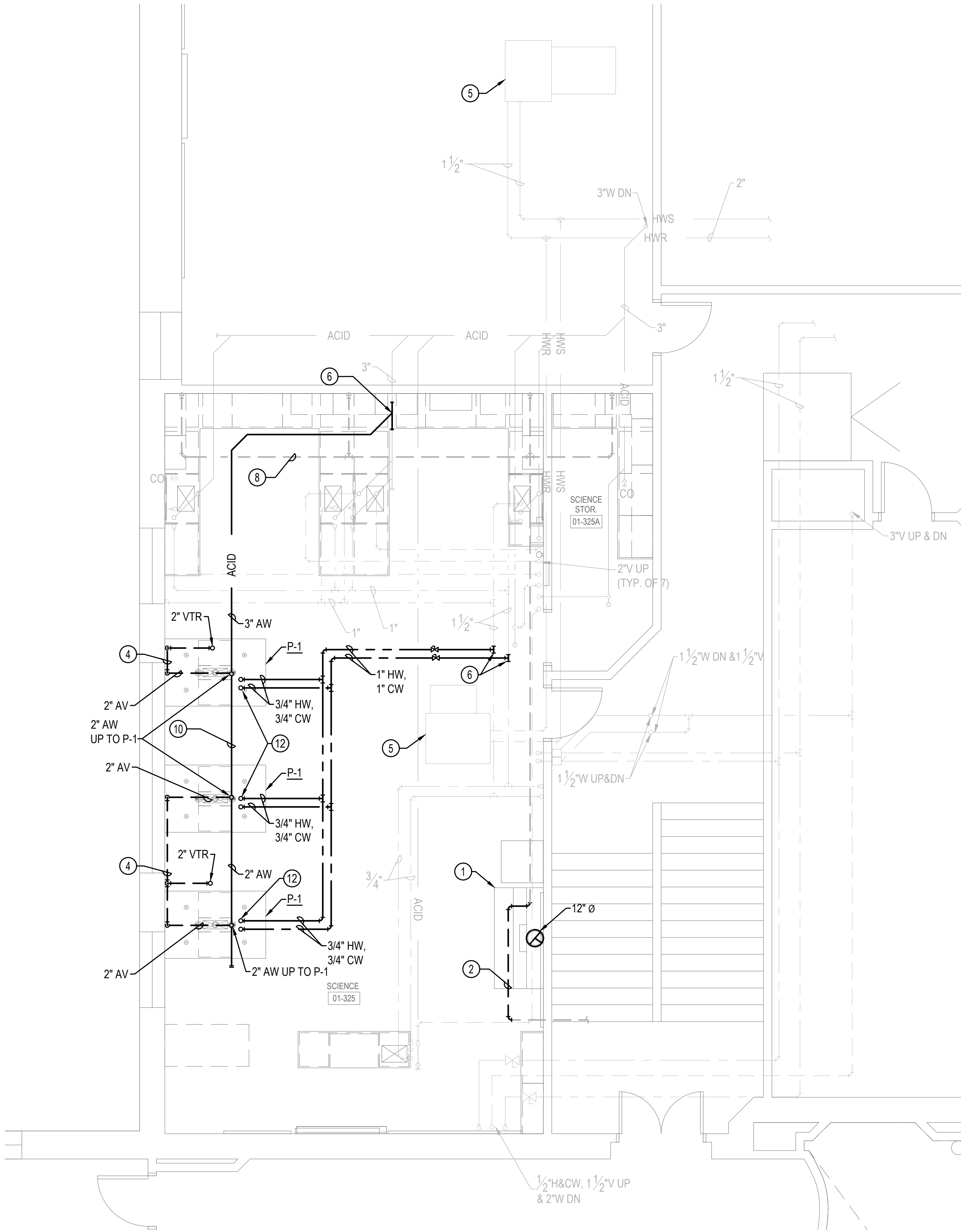
M01-731

GENERAL NOTES

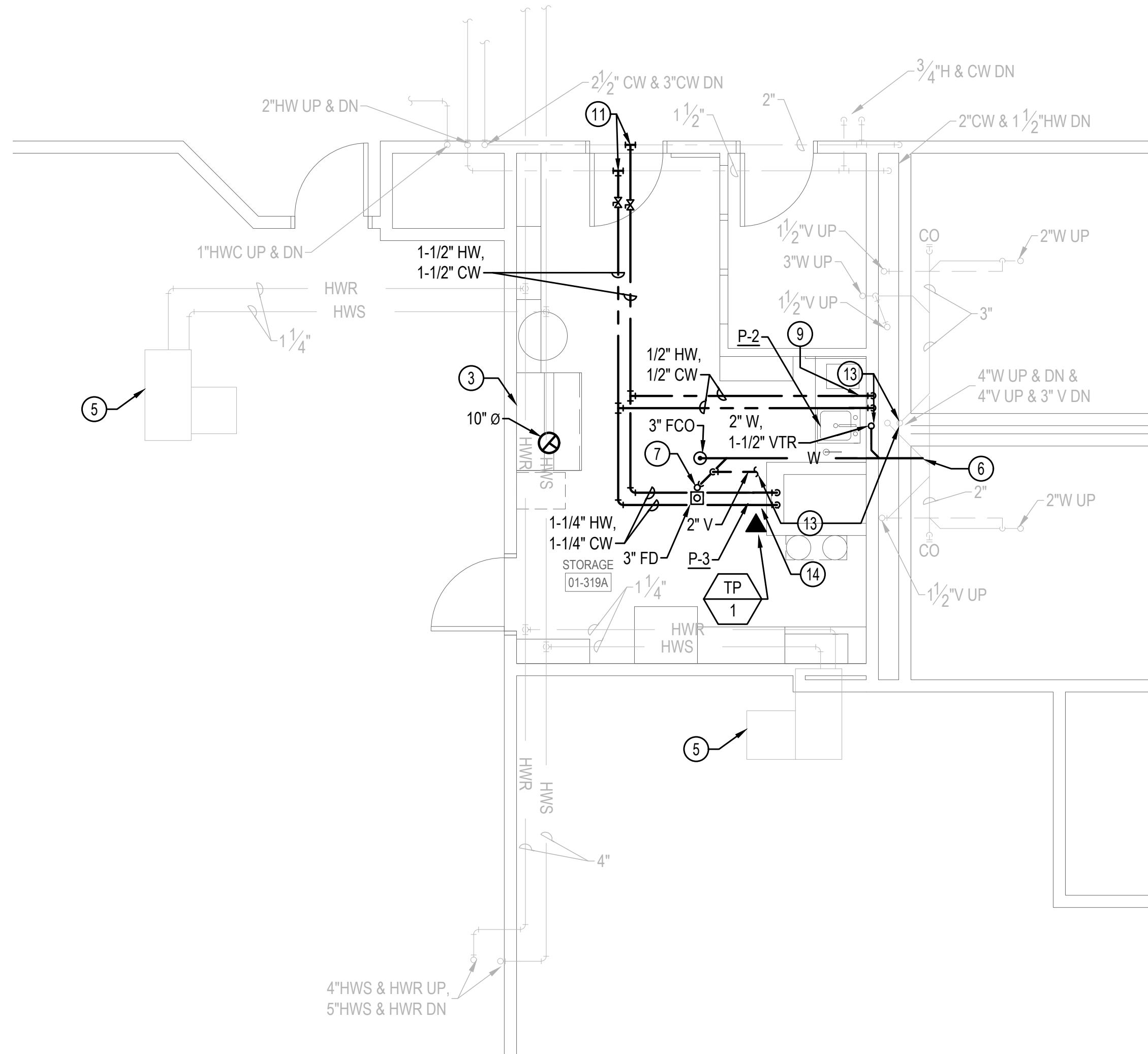
- DUCTWORK MAY BE SHOWN OFFSET FOR CLARITY. PROVIDE ADDITIONAL OFFSETS AS REQUIRED TO FACILITATE INSTALLATION.
- DUCT SIZE REPRESENTS INNER DIMENSIONS OF THE DUCT.
- ITEMS IN LIGHT ARE EXISTING ON THE FLOOR BELOW UNLESS OTHERWISE NOTED.
- ITEMS IN LIGHT ARE SHOWN FOR REFERENCE ONLY.
- PIPE SIZES SHOWN ON EXISTING PIPING ARE FOR REFERENCE ONLY.

CONSTRUCTION NOTES

- SALVAGED FUME HOOD FROM SCIENCE PREP 02-130. PROVIDE NEW EXHAUST DUCTWORK UP TO GOOSENECK WITH BIRDSCREEN ON ROOF. CONTRACTOR SHALL FIELD VERIFY EXHAUST IS A MINIMUM 10' AWAY FROM ANY INTAKE PRIOR TO INSTALLATION. DUCTWORK TO BE WELDED STAINLESS. FOR REFERENCE. THERE WILL BE NO WATER CONNECTION AT NEW LOCATION.
- OFFSET EXISTING ACID VENT TO ALLOW FOR NEW 12" Ø DUCT PENETRATION.
- SALVAGED FUME HOOD FROM 02-232. PROVIDE NEW EXHAUST DUCTWORK UP TO GOOSENECK WITH BIRDSCREEN ON ROOF. CONTRACTOR SHALL FIELD VERIFY EXHAUST IS A MINIMUM 10' AWAY FROM ANY INTAKE PRIOR TO INSTALLATION. DUCTWORK TO BE WELDED STAINLESS STEEL.
- ROUTE 2" V IN FURRED WALL AND UP TO CEILING SPACE. COORDINATE WITH WINDOW.
- EXISTING EQUIPMENT ON FLOOR BELOW. SHOWN FOR REFERENCE ONLY.
- POINT OF CONNECTION TO EXISTING PIPING IN SECOND FLOOR CEILING SPACE.
- P-TRAP SHOWN OFFSET FOR CLARITY.
- EXISTING ACID VENT ROUTES OVERHEAD ON THIRD FLOOR.
- PIPES ARE SHOWN OFFSET FOR CLARITY. ROUTE INSIDE WALL.
- ROUTE NEW ACID WASTE TIGHT TO THE EXTERIOR WALL. COORDINATE WITH OBSTRUCTIONS ABOVE THE CEILING IN FLOOR BELOW. SHOWN OFFSET FOR CLARITY.
- POINT OF CONNECTION BETWEEN NEW AND EXISTING IN THIRD FLOOR CEILING SPACE.
- ROUTE PIPING UP WITHIN CASEWORK CHASE TO PLUMBING CONNECTIONS.
- CONNECT VENT PIPING FROM NEW P-2 FIXTURE AND 3" FD TO EXISTING 4" V AS NOTED.
- PIPES ARE SHOWN OFFSET FOR CLARITY. ROUTE INSIDE NEW DRYWALL.

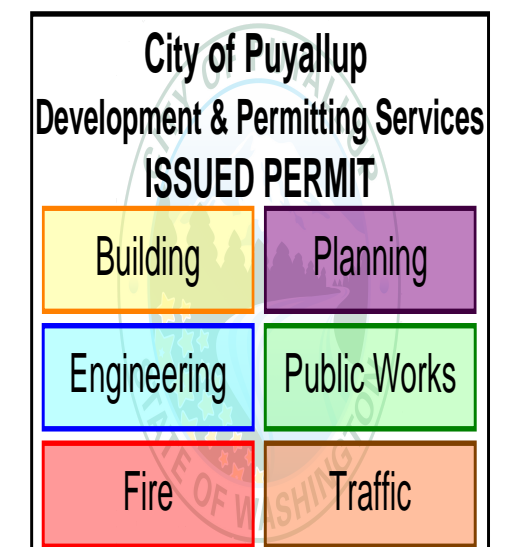


1 01-325 & 01-325A SCIENCE CLASSROOM ENLARGED MECHANICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 01-319A STORAGE ENLARGED MECHANICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

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ELECTRICAL LEGEND AND DRAWING INDEX

Building Permit #: -
Site Permit #: -
Owner's Project #: -
Architect's Project #: 2023106
Drawn By TSV
Checked By BMI

E01-001

GENERAL

- EXISTING ELECTRICAL TO BE REMOVED
EXISTING ELECTRICAL TO REMAIN
NEW ELECTRICAL WORK
MATCHLINE OR PROPERTY LINE
ENLARGED PLAN BOUNDARY
DETAIL/PLAN IDENTIFIER
SECTION IDENTIFIER
ELEVATION IDENTIFIER
REVISION DEFINITION AREA, AREA ENCIRCLED CONTAINS CHANGES MADE SUBSEQUENT TO PREVIOUS ISSUE
REVISION CALLOUT
FLAG NOTE TAG
DEMOLITION NOTE TAG
EQUIPMENT TAG
MECHANICAL EQUIPMENT TAG
NORTH ARROW
LOCATION WHERE PICTURE WAS TAKEN AND DIRECTION

POWER

- SWITCHBOARD/SWITCHGEAR
PANELBOARD, FLUSH-MOUNTED
PANELBOARD, SURFACE-MOUNTED
TRANSFORMER
MOTOR CONNECTION
DISCONNECT SWITCH, NON-FUSED
DISCONNECT SWITCH, FUSED
ENCLOSED CIRCUIT BREAKER
VARIABLE FREQUENCY DRIVE
MANUAL MOTOR STARTER WITH THERMAL OVERLOADS
COMBINATION STARTER/DISCONNECT
MAGNETIC STARTER
EQUIPMENT CONNECTION - CONFIRM CONNECTION WITH EQUIPMENT MANUFACTURER
FIRE/SMOKE DAMPER
PUSHBUTTON CONTROLLER
EMERGENCY POWER OFF PUSHBUTTON

RECEPTACLES

- DEVICE SUBSCRIPTS
SPECIAL RECEPTACLE
DUPLX RECEPTACLE
FOURPLEX RECEPTACLE
SPLIT WIRED DUPLX RECEPTACLE
SIMPLEX RECEPTACLE
CORD DROP CORD RECEPTACLE
RETRACTABLE CORD REEL RECEPTACLE

RACEWAYS AND BOXES

- JUNCTION BOX
FURNITURE WALL FEED OUTLET BOX
PULL BOX
HANDHOLE
VAULT
FLOORBOX
POKE-THRU
POWER POLE, FLOOR TO CEILING
SURFACE METAL RACEWAY
RACEWAY CONCEALED IN WALL OR IN CEILING
RACEWAY RUN BELOW FLOOR OR BELOW GRADE
FLEXIBLE RACEWAY
RACEWAY (CIRCLE DENOTES VERTICAL TRANSITION)
RACEWAY CONTINUATION
RACEWAY STUB WITH BUSHING
RACEWAY SLEEVE WITH BUSHING
FIRE STOPPING SLEEVE
CABLE TRAY, 12"W x 4"H OVERHEAD, UNLESS OTHERWISE NOTED
CABLE TRAY, OVERHEAD LADDER TYPE
HOMERUN TO PANEL
NUMBER OF CONDUCTORS

ONE-LINE DIAGRAM

- EQUIPMENT ENCLOSURE
BUS
WIRE
TERMINAL / LUG
CONNECTION
DELTA
WYE
CURRENT TRANSFORMER
TRANSFER SWITCH
CIRCUIT BREAKER, FIXED
CIRCUIT BREAKER, DRAWOUT
DISCONNECT SWITCH
FUSED SWITCH
FUZE
FUSED CUTOUTS
CIRCUIT BREAKER WITH GROUND FAULT PROTECTION
CIRCUIT BREAKER WITH SHUNT TRIP OPERATOR
CIRCUIT BREAKER WITH KIRK KEY
FUSED SWITCH WITH GROUND FAULT PROTECTION
MOTOR CONNECTION
GENERATOR
METERING DEVICE
SHUNT TRIP
GROUND FAULT PROTECTION
ELECTRONIC POWER METER
SURGE PROTECTIVE DEVICE
GROUND
AVAILABLE FAULT CURRENT (SYMMETRICAL) TAG
FEEDER TAG
PAD-MOUNT TRANSFORMER
TRANSFORMER
PANELBOARD - MAIN LUGS ONLY
PANELBOARD - MAIN CIRCUIT BREAKER

GROUNDING

- GROUNDING CONDUCTOR
GROUND ROD
GROUNDING BUSBAR
EQUIPMENT GROUNDING CONNECTION
GROUNDING STRAP

DRAWING INDEX

- E01-001 ELECTRICAL LEGEND AND DRAWING INDEX
E01-002 ELECTRICAL ABBREVIATIONS AND GENERAL NOTES
E01-003 ELECTRICAL DRAWING SPECIFICATIONS
E01-103 OVERALL 3RD FLOOR ELECTRICAL FLOORPLAN BUILDING 50-01
E01-901 ELECTRICAL ONE-LINE DIAGRAM & PANEL SCHEDULES

NOT ALL SYMBOLS MAY APPEAR ON THE DRAWINGS

PRCTI20231574

Separate electrical permit is required with Washington State Department of Labor & Industries.
https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspection or Licensing information: Call 1-800-647-0982

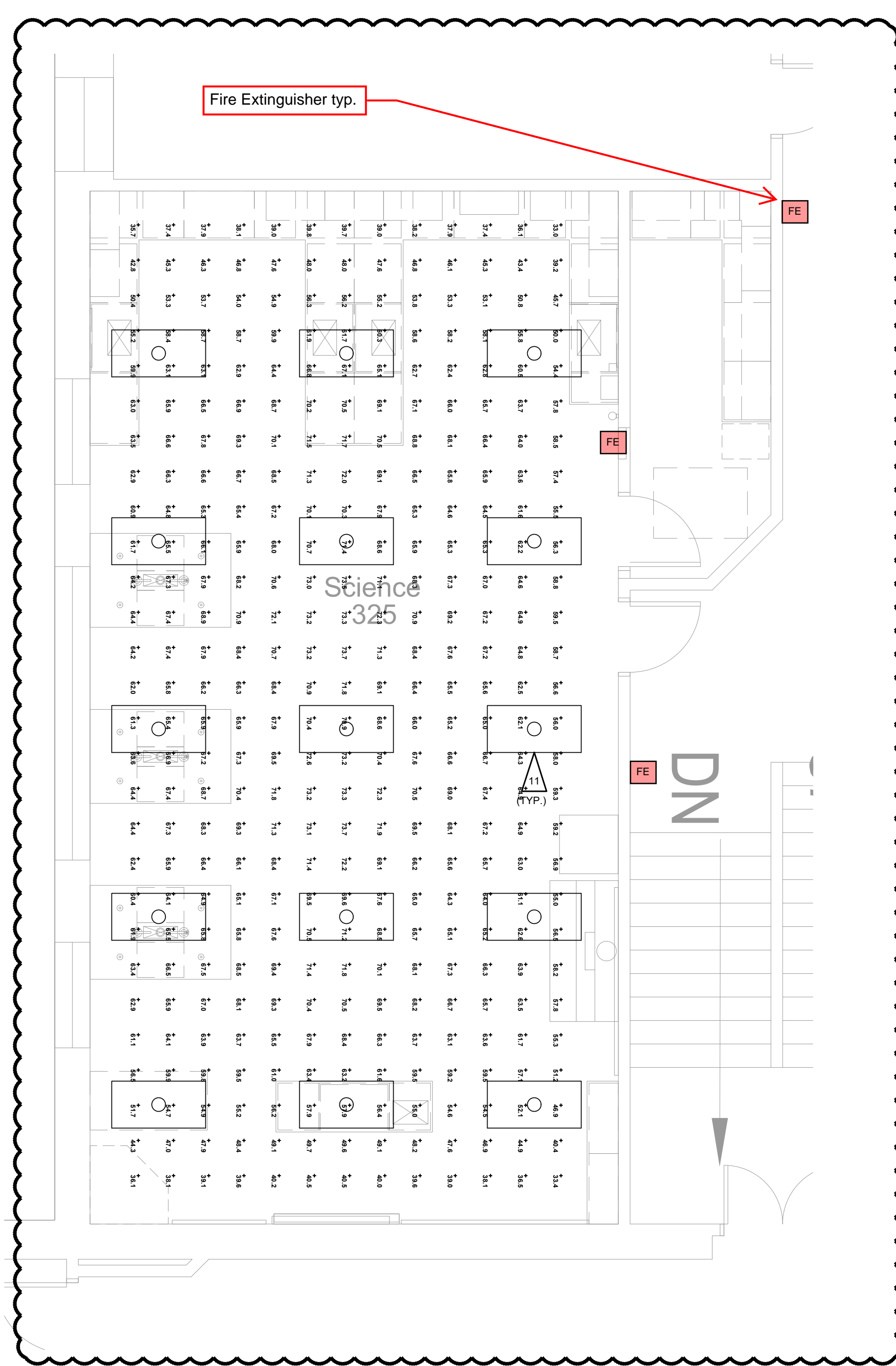


SHEET NOTES PRCTI20231574

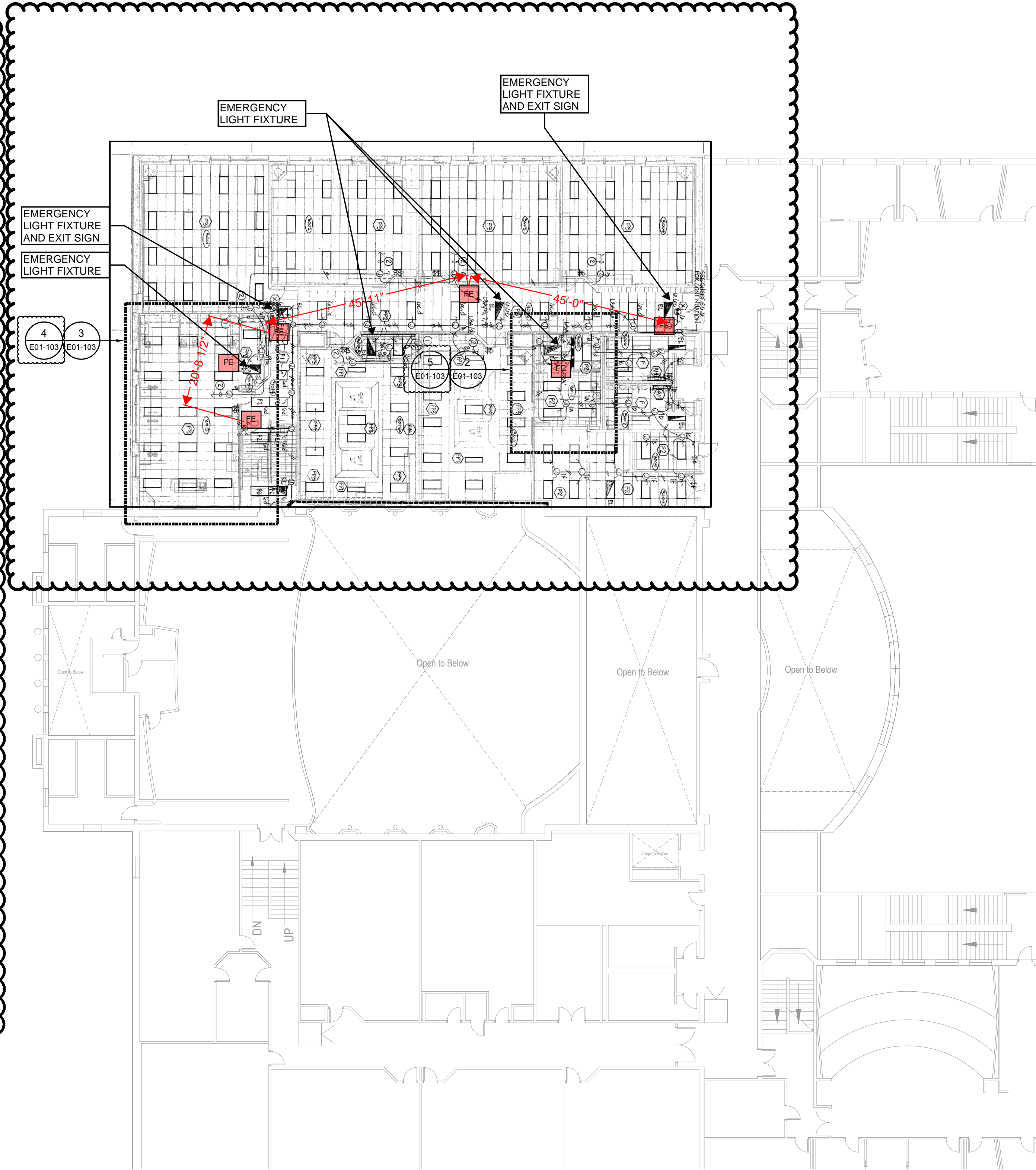
- ELECTRICAL ITEMS SHOWN ARE DIAGRAMMATIC BASED ON AVAILABLE RECORD DRAWINGS AND SITE WALKS DURING THE DESIGN PERIOD. NOT ALL SYSTEM COMPONENTS ARE SHOWN. FIELD VERIFY DEVICE LOCATIONS AND QUANTITIES PRIOR TO COMMENCING WORK. REROUTE EXISTING-TO-REMAIN DEVICE CONDUIT AND WIRING AS REQUIRED TO SUPPORT REMODEL ACTIVITIES.
- SEE DRAWING SPECIFICATIONS ON SHEET E01-003 FOR ADDITIONAL INFORMATION.
- SEE PANEL SCHEDULES, AND ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- ALL NEW RECEPTACLES INDICATED ON THIS SHEET SHALL BE TAMPER RESISTANT TYPE.
- PROVIDE ADHESIVE BROTHER LABEL WITH CIRCUIT IDENTIFICATION AT ALL NEW RECEPTACLES E.G. R3A-42.

FLAG NOTES

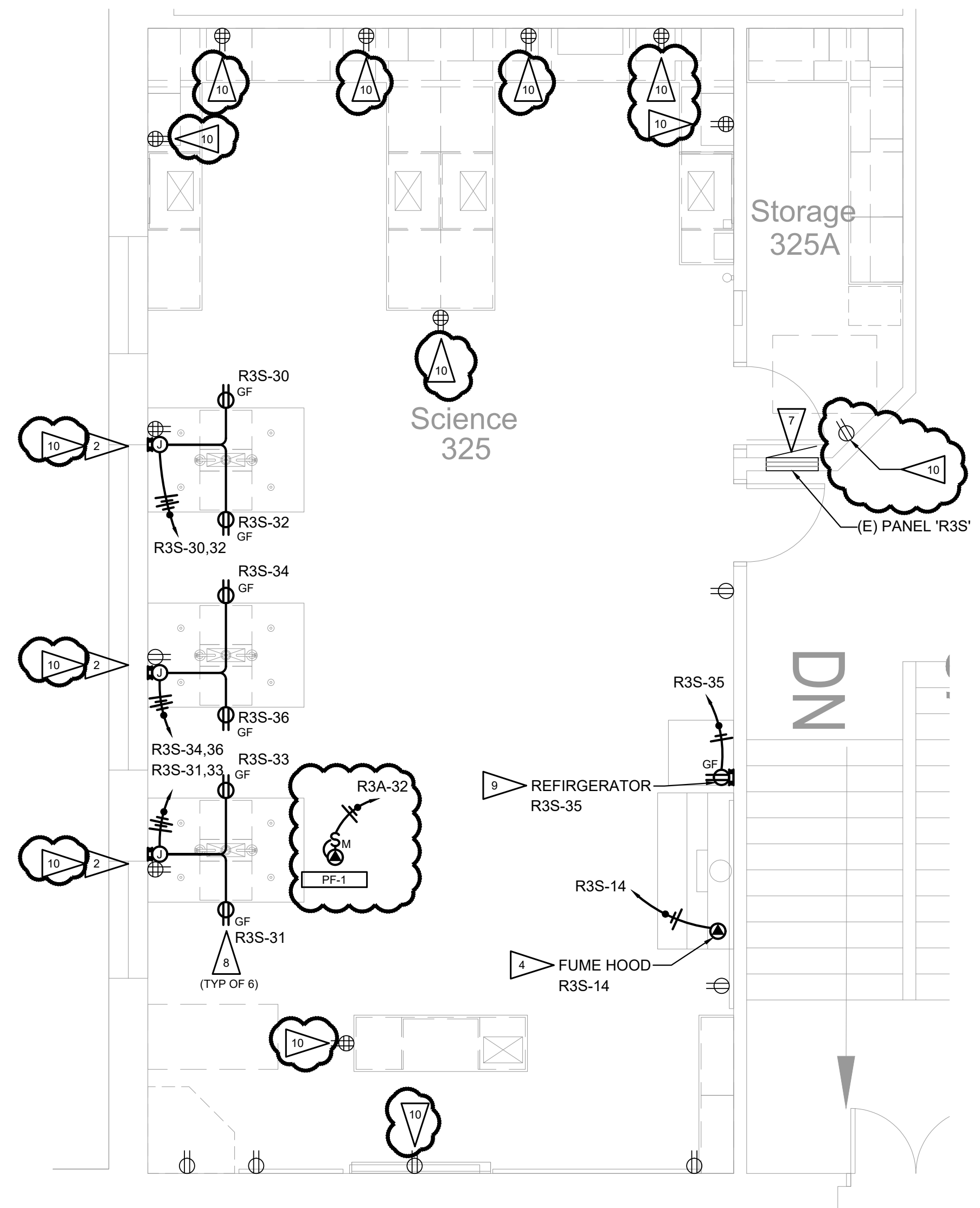
- REMOVE EXISTING RECEPTACLE AND PROVIDE NEW RECEPTACLE INSTALLED IN EXISTING ROUGH-IN. CONNECT NEW RECEPTACLE TO EXISTING CIRCUIT.
- PROVIDE V700 WIREMOLD FROM ACCESSIBLE CEILING TO ELEVATION WHERE JUNCTION BOX CAN BE CUT INTO OFCI CASEWORK. PROVIDE SMR JUNCTION BOX CUT INTO CASEWORK AND TRANSITION TO MC CABLE WITHIN CASEWORK. PROVIDE JUNCTION BOX ABOVE ACCESSIBLE CEILING AND PROVIDE CONDUIT AND CONDUCTORS FROM ACCESSIBLE CEILING TO EXISTING PANELBOARD.
- INTERCEPT EXISTING BRANCH CIRCUIT CONDUCTORS AND PROVIDE V700 WIREMOLD AND CONDUCTORS BETWEEN EXISTING ROUGH-IN LOCATIONS TO MAINTAIN EXISTING CIRCUITING. PROVIDE VERTICAL TRANSITIONS TO ROUTE ABOVE NEW DOOR.
- PROVIDE CONDUIT, CONDUCTORS, AND APPURTENANCES REQUIRED FOR A COMPLETE AND FUNCTIONAL FUME HOOD SYSTEM. PROVIDE CONDUIT AND CONDUCTORS TO CONNECT SALVAGED FUME HOOD TO EXISTING PANELBOARD. WHERE RACEWAYS ARE EXPOSED ON WALL PROVIDE V700 WIREMOLD.
- PROVIDE V700 WIREMOLD VERTICALLY AT EXISTING WALL AND #12 AWG GROUNDING CONDUCTOR FROM EQUIPMENT GROUNDING CONNECTOR TO BUILDING STEEL. TRANSITION TO CONDUIT ABOVE EXISTING ACCESSIBLE CEILING AND PROVIDE CONDUIT AND CONDUCTORS TO BUILDING STEEL.
- SEE ARCHITECTURAL ELEVATIONS FOR GOGGLE CABINET HEIGHT. LOCATE RECEPTACLE 6" ABOVE TOP OF GOGGLE CABINET FROM TO THE BOTTOM OF THE RECEPTACLE AND LOCATE CENTERED BETWEEN CABINETS. PROVIDE V700 SMR VERTICALLY TO ABOVE ACCESSIBLE CEILING AND TRANSITION TO CONDUIT BACK TO EXISTING PANELBOARD.
- COORDINATE CUTTING AND PATCHING OF EXISTING WALL TO ACCOMMODATE INSTALLATION OF NEW HOMERUN CONDUITS WITH DIVISION 09 CONTRACTOR.
- UNINSTALL CASEWORK FURNISHED GFCI RECEPTACLE AND PROVIDE BLACK GFCI WIRING DEVICE.
- PROVIDE V700 WIREMOLD FROM ACCESSIBLE CEILING TO +18" DIRECTLY ADJACENT TO RELOCATED FUME HOOD. PROVIDE CONDUIT AND CONDUCTORS FROM ACCESSIBLE CEILING TO EXISTING PANELBOARD INDICATED.
- PROVIDE REPLACEMENT TAMPER-RESISTANT GFCI TYPE RECEPTACLE AT EXISTING LOCATION. FIELD VERIFY EXISTING RECEPTACLE CONFIGURATION PRIOR TO ROUGH-IN.
- DEMOLISH EXISTING (3) T8 FLUORESCENT LAMPS AND PROVIDE (3) NEW 4100K T8 FLUORESCENT LAMPS TO MATCH EXISTING.
- DEMOLISH EXISTING (3) T8 FLUORESCENT LAMPS AND PROVIDE (2) NEW 4100K T8 FLUORESCENT LAMPS TO MATCH EXISTING.



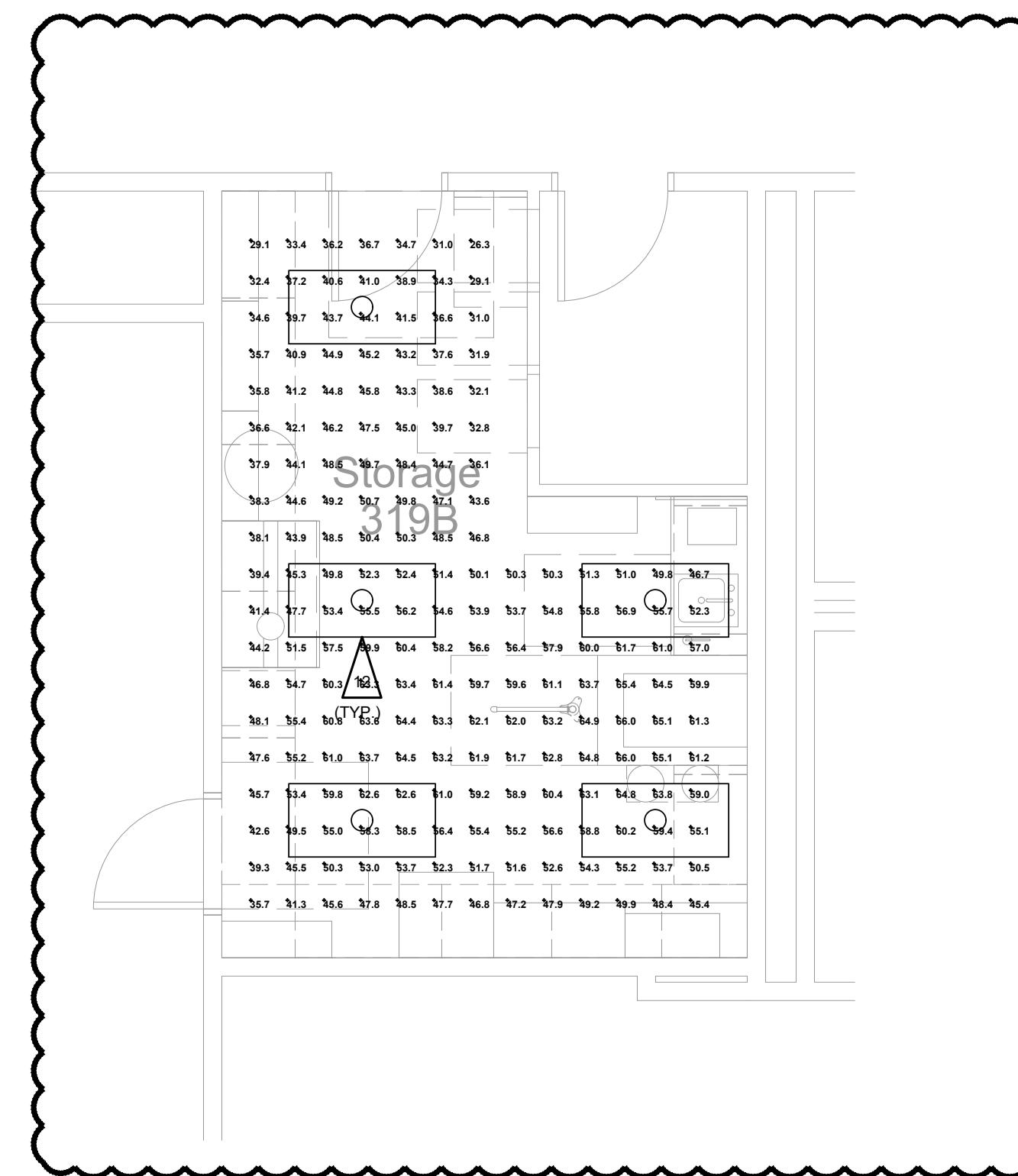
4 ENLARGED LIGHTING FLOORPLAN SCIENCE 325 AND 325A
SCALE: 1/4" = 1'-0"



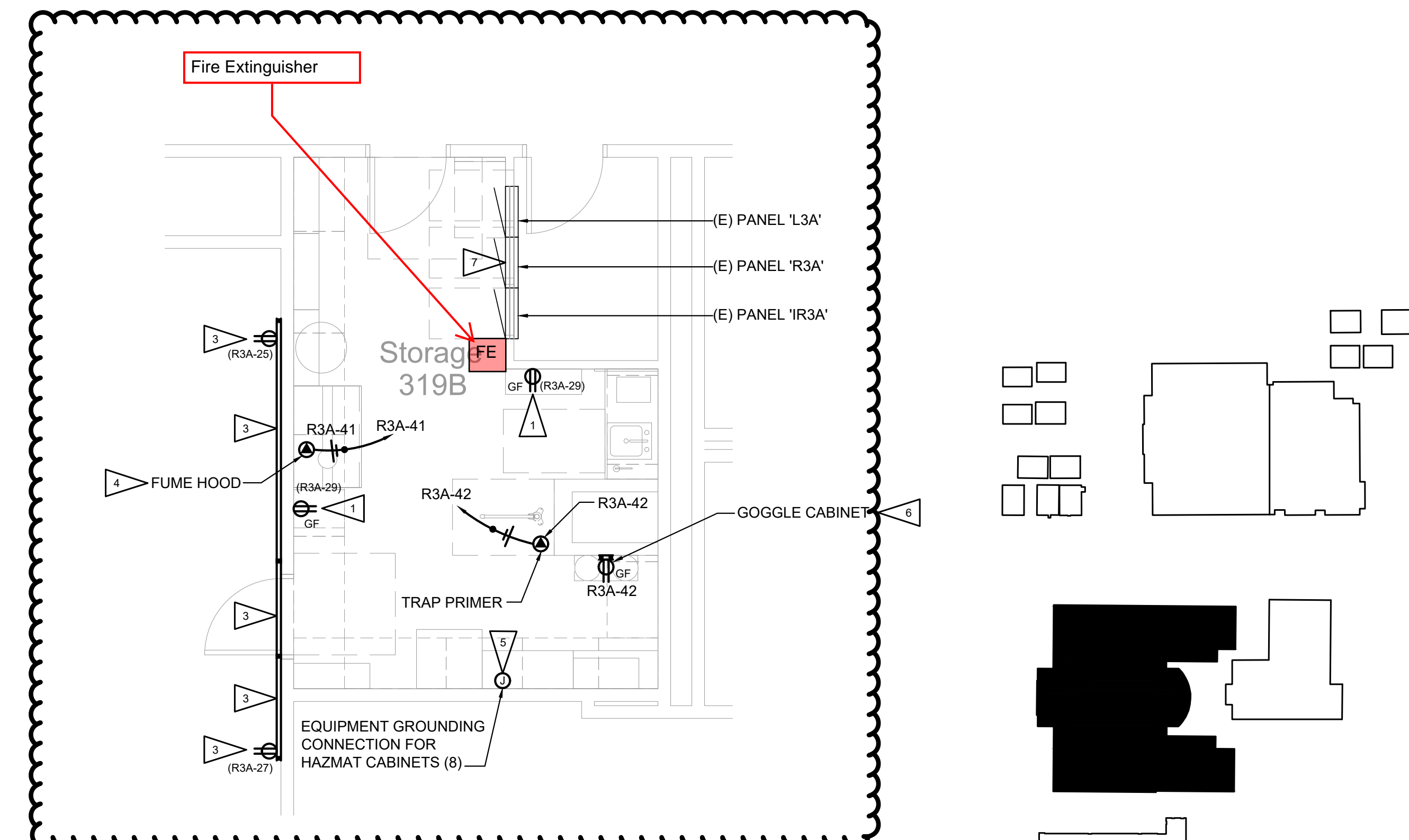
1 OVERALL 3RD FLOOR FLOORPLAN BUILDING 50-01
SCALE: 1/16" = 1'-0"



3 ENLARGED ELECTRICAL FLOORPLAN SCIENCE 325 AND 325A
SCALE: 1/4" = 1'-0"



5 ENLARGED LIGHTING FLOOR PLAN STORAGE 319B
SCALE: 1/2" = 1'-0"



2 ENLARGED ELECTRICAL FLOOR PLAN STORAGE 319B
SCALE: 1/2" = 1'-0"

SHEET NOTES:

1. NEW BREAKERS SHALL MATCH EXISTING PANEL MANUFACTURER AND AIC RATING.
2. AVAILABLE FAULT CURRENT AT MDP-2 IS BASED UPON RECORD DRAWINGS.

PUYALLUP HS 600A PRIMARY SWITCH DEMAND CALCULATION:

EXISTING 600A SWITCH:
 12-MONTH PEAK DEMAND = 594kW
 594kW @ .90 POWER FACTOR = 660kVA
 660kVA X 125% = 825kVA

REVISED 600A SWITCH:
 ADJUSTED DEMAND = 825kVA
 ADDED DEMAND = 4kVA
 TOTAL DEMAND = ADJUSTED + ADDED = 829kVA
 829kVA(12.470V x SQRT(3)) = 38.5A

NEW CALCULATED DEMAND DOES NOT EXCEED THE AMPACITY OF THE FEEDERS OR BUS SUPPLYING POWER TO THESE LOADS.

PUYALLUP HS 15KV 200A SWITCH DEMAND CALCULATION:

EXISTING 200A SWITCH:
 12-MONTH PEAK DEMAND = 594kW
 594kW @ .90 POWER FACTOR = 660kVA
 660kVA X 125% = 825kVA

REVISED 200A SWITCH:
 ADJUSTED DEMAND = 825kVA
 ADDED DEMAND = 4kVA
 TOTAL DEMAND = ADJUSTED + ADDED = 829kVA
 829kVA(12.470V x SQRT(3)) = 38.5A

NEW CALCULATED DEMAND DOES NOT EXCEED THE AMPACITY OF THE FEEDERS OR BUS SUPPLYING POWER TO THESE LOADS.

PUYALLUP HS XFMR T1 DEMAND CALCULATION:

EXISTING 2000KVA TRANSFORMER:
 12-MONTH PEAK DEMAND = 594kW
 594kW @ .90 POWER FACTOR = 660kVA
 660kVA X 125% = 825kVA

REVISED 2000KVA SWITCHBOARD:
 ADJUSTED DEMAND = 825kVA
 ADDED DEMAND = 4kVA
 TOTAL DEMAND = ADJUSTED + ADDED = 829kVA

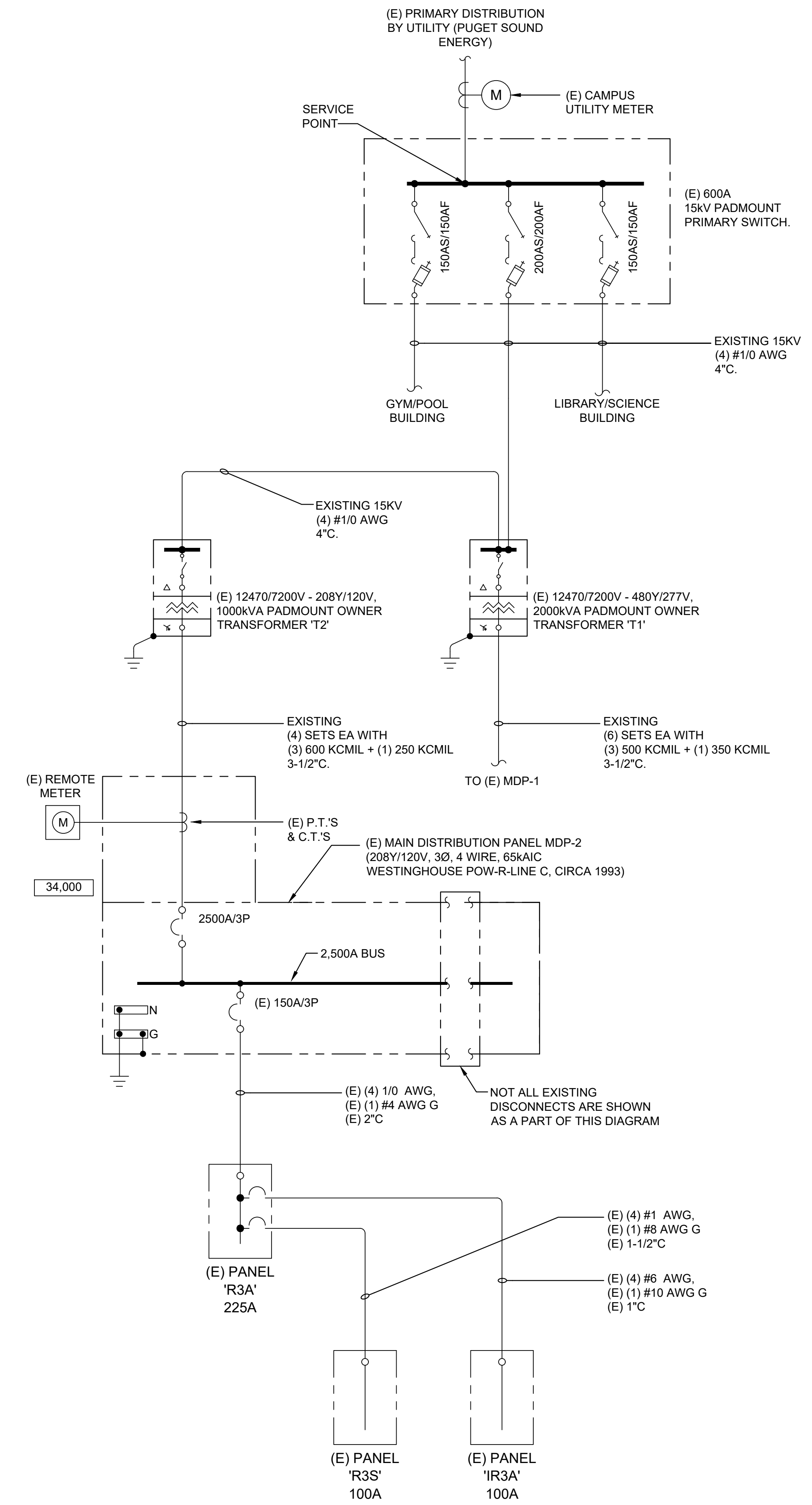
NEW CALCULATED DEMAND DOES NOT EXCEED THE AMPACITY OF THE FEEDERS OR BUS SUPPLYING POWER TO THESE LOADS.

PUYALLUP HS MDP-2 DEMAND CALCULATION:

EXISTING 2500A SWITCHBOARD:
 12-MONTH PEAK DEMAND = 594kW
 594kW @ .90 POWER FACTOR = 660kVA
 660kVA X 125% = 825kVA

REVISED 2500A SWITCHBOARD:
 ADJUSTED DEMAND = 825kVA
 ADDED DEMAND = 4kVA
 TOTAL DEMAND = ADJUSTED + ADDED = 829kVA
 829kVA(208V x SQRT(3)) = 2301A

NEW CALCULATED DEMAND DOES NOT EXCEED THE AMPACITY OF THE FEEDERS OR BUS SUPPLYING POWER TO THESE LOADS.



PANEL SCHEDULE : 08/25/2023		(E) PANEL 'R3A'				PROJECT: Puyallup HS Misc. Improvements	
CLASSIFICATION: NORMAL		VOLTAGE: 208Y/120V 3Ø, 4-WIRE		SECTION: 1 OF 1		LOCATION: ROOM 3198	
FED FROM: (E) DIST. PANEL MDP-2		MAINS: 225A MAIN LUGS ONLY		TYPE: WESTINGHOUSE POW-R-LINE C PRL1 (CIRCA 1993)		ENCLOSURE: NEMA 1	
MOUNTING: SURFACE		NEUTRAL: 100% RATED		AIC: 10K			
NOTE	ITEM DESCRIPTION	CKT NO.	BREAKER	LOAD (VA)	LOAD (VA)	BREAKER	CKT NO.
	RECEPTACLES ROOM 3006-3011	1	20	1	900	A	3600
	RECEPTACLES ROOM 3004	3	20	1	900	B	2700
	RECEPTACLES ROOM 3004	5	20	1	900	C	2160
	RECEPTACLES ROOM 3003	7	20	1	900	A	2120
	RECEPTACLES ROOM 3003	9	20	1	720	B	1800
	RECEPTACLES ROOM 3002	11	20	1	900	C	2600
	RECEPTACLES ROOM 3002	13	20	1	900	A	720
	RECEPTACLES ROOM 3001	15	20	1	720	B	900
	RECEPTACLES ROOM 3001	17	20	1	360	C	720
	RECEPTACLES ROOM 3001	19	20	1	540	A	720
	RECEPTACLES ROOM 3013A	21	20	1	900	B	900
	RECEPTACLES ROOM 3013A	23	20	1	720	C	900
	RECEPTACLES ROOM 3012	25	20	1	900	A	720
	RECEPTACLES ROOM 3012	27	20	1	720	B	1000
	RECEPTACLES ROOM 3006	29	20	1	900	C	1000
	HP-31	31	20	1	1180	A	20
	HP-12	33	20	2	1450	B	540
	HP-21	37	20	2	1300	A	750
	FUME HOOD	41	20	1	500	C	500
LOAD CALCULATIONS		CONN. (VA)		DEMAND FACTOR		CALC. (VA)	
MISCELLANEOUS CONTINUOUS EQUIPMENT & MISCELLANEOUS LIGHTING		-		125%		-	
LARGEST MOTOR		2900		125%		3625	
MOTORS		6960		100%		6960	
RECEPTACLE		10000		100%		10000	
RECEPTACLES OVER 10VA		22220		50%		11110	
TOTALS:		45,130				34,745	
NOTES:		1. PROVIDE NEW BREAKER IN AVAILABLE SPACE		2.		3.	
		4.		5.			
						HARGIS ENGINEERS, INC. 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: (206) 448-3378 FAX: (206) 448-4450	

PANEL SCHEDULE : 08/25/2023		(E) PANEL 'R3S'				PROJECT: Puyallup HS Misc. Improvements	
CLASSIFICATION: NORMAL		VOLTAGE: 208Y/120V 3Ø, 4-WIRE		SECTION: 1 OF 1		LOCATION: ROOM 325A	
FED FROM: (E) PANEL R3A		MAINS: 40A MAIN CIRCUIT BREAKER		TYPE: WESTINGHOUSE POW-R-LINE C PRL1 (CIRCA 1993)		ENCLOSURE: NEMA 1	
MOUNTING: FLUSH		NEUTRAL: 100% RATED		AIC: 10K			
NOTE	ITEM DESCRIPTION	CKT NO.	BREAKER	LOAD (VA)	LOAD (VA)	BREAKER	CKT NO.
	MAIN BREAKER	1	40	3	A	180	20
	SHUNT TRIP FOR MAIN	7	40	1	C	180	20
	RECEPTACLES ROOM 325	9	20	1	180	B	180
	RECEPTACLES ROOM 325	11	20	1	180	C	180
	RECEPTACLES ROOM 325	13	20	1	150	A	500
	RECEPTACLES ROOM 325	15	20	1	180	B	20
	RECEPTACLES ROOM 325	17	20	1	180	C	180
	RECEPTACLES ROOM 325	19	20	1	150	A	150
	RECEPTACLES ROOM 325	21	20	1	180	B	180
	RECEPTACLES ROOM 325	23	20	1	180	C	180
	RECEPTACLES ROOM 325	25	20	1	150	A	150
	RECEPTACLES ROOM 325	27	20	1	180	B	180
	RECEPTACLES ROOM 325	29	20	1	180	C	180
	SCIENCE WORKSTATION	31	20	1	180	A	180
	SCIENCE WORKSTATION	33	20	1	180	B	180
	REFRIGERATOR	35	20	1	800	C	180
LOAD CALCULATIONS		CONN. (VA)		DEMAND FACTOR		CALC. (VA)	
MISCELLANEOUS CONTINUOUS EQUIPMENT & MISCELLANEOUS LIGHTING		1300		100%		1300	
LARGEST MOTOR		-		125%		-	
MOTORS		5220		100%		5220	
RECEPTACLE		-		50%		-	
TOTALS:		6,520				6,520	
NOTES:		1. PROVIDE NEW BREAKER IN AVAILABLE SPACE		2. NEW LOAD ON EXISTING SPARE BREAKER		3.	
		4.		5.			
						HARGIS ENGINEERS, INC. 1201 THIRD AVENUE, SUITE 600 SEATTLE, WA 98101 PH: (206) 448-3378 FAX: (206) 448-4450	

