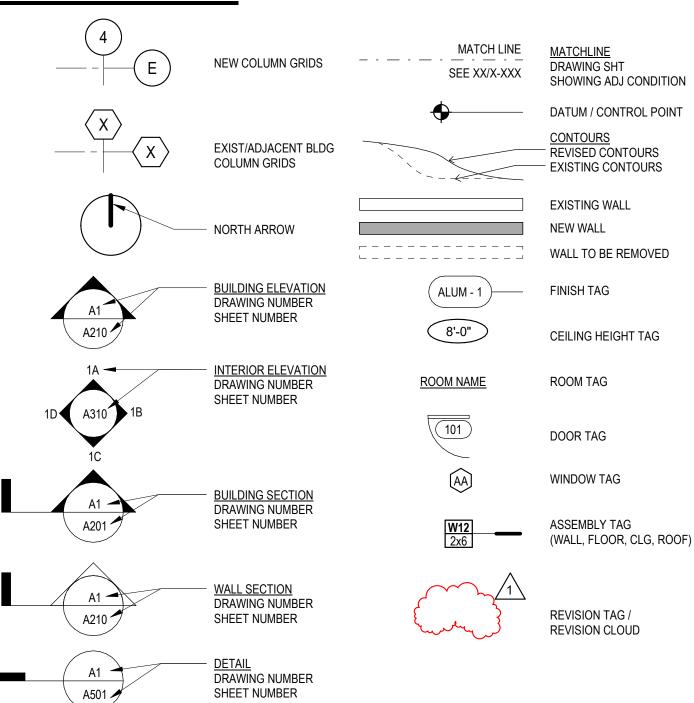
MATERIAL I ECEND

<u>MATERIAL LEG</u>	<u>END</u>
EARTH, UNDISTURBED	
EARTH, COMPACTED FILL	
SAND, GROUT	
POROUS FILL	
CONCRETE	4 4 4 4
CEMENTITIOUS UNDERLAYMENT	
STEEL, OTHER METALS	
PLYWOOD	
WOOD BLOCKING OR SHIM	
WOOD FRAMING, CONTINUOUS	
GLUED-LAMINATED WOOD	
ORIENTED STRAND BOARD	
PARTICLEBOARD	
FINISHED WOOD	
BATT INSULATION	
RIGID INSULATION	
SPRAY FOAM	
CVDCUM WALL DOADD	

SYMBOL LEGEND



GENERAL NOTES

1. GENERAL:

GYPSUM WALL BOARD

- 1.A THE CONTRACTOR SHALL BE GOVERNED BY ALL CONDITIONS AS INDICATED IN THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS.
- 1.B THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY IN THE AREA OF WORK IN ACCORDANCE WITH ALL APPLICABLE SAFETY CODES.
- 1.C THE CONTRACTOR SHALL INDEMNIFY AND HOLD JOHNSTON ARCHITECTS HARMLESS FOR INJURY OR DEATH TO PERSONS OR FOR DAMAGE TO PROPERTY CAUSED BY NEGLIGENCE OF CONTRACTOR, HIS AGENT, EMPLOYEES, OR SUBCONTRACTORS.
- 1.D EACH CONTRACTOR/SUBCONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ADJACENT WORK AND IS RESPONSIBLE FOR THE REPAIR OF SAID DAMAGE AT THEIR OWN EXPENSE.
- 1.E THE CONTRACTOR SHALL REPORT ERRORS AND OMISSIONS TO THE ARCHITECT IMMEDIATELY IN WRITING. DO NOT VARY OR MODIFY THE WORK SHOWN EXCEPT UPON WRITTEN INSTRUCTIONS OF THE ARCHITECT.
- FOR ALL WALL AND CEILING MOUNTED ITEMS. COORDINATE WITH THE ARCHITECT AND/OR OWNER LOCATION OF ALL MOUNTED ITEMS WHICH ARE N.I.C. 1.G ALL CONSTRUCTION SHALL BE STABILIZED AGAINST LATERAL MOVEMENT IN ACCORDANCE WITH

REQUIREMENTS OF THE LATEST ADOPTED EDITION OF THE I.B.C. IN THE LOCAL JURISDICTION

1.F THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WALL BLOCKING AS REQUIRED

- AND IN STRICT ACCORDANCE WITH THE STRUCTURAL DETAILS OF THIS SET OF DRAWINGS. 1.H ALL WORK SHALL BE INSTALLED TRUE, PLUMB, SQUARE, LEVEL AND IN PROPER ALIGNMENT
- 1.I OFFSET STUDS WHERE REQUIRED SO THAT FINISH WALL SURFACES WILL BE FLUSH.
- 1.J MECHANICAL, ELECTRICAL, VERTICAL TRANSPORTATION, & SPRINKLER WORK CONDUCTED UNDER SEPARATE PERMIT & NOT PART OF THIS CONTRACT.
- 1.K INSTALL ALL FIXTURES, EQUIPMENT, AND MATERIALS PER MANUFACTURER'S SPECIFICATION.
- 1.L EACH CONTRACTOR/SUBCONRACTOR SHALL BE RESPONSIBLE FOR LEAVING ALL AREAS CLEAN AND READY FOR THEIR INTENDED USE.
- CONTRACTOR SHALL GUARANTEE ALL WORK AGAINST FAULT OF ANY MATERIAL OR WORKMANSHIP FOR PERIOD OF ONE YEAR AFTER COMPLETION AND ACCEPTANCE. FAULTY WORK SHALL BE REPLACED OR REPAIRED AS REQUIRED AT CONTRACTOR'S EXPENSE.

- 2.A ALL WORK SHALL BE IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING BUT NOT LIMITED TO THE 2018 I.B.C., THE GOVERNING ENERGY CODE AND MECHANICAL CODE WITHIN THE JURISDICTION OF THE PROJECT. IN CASE OF CONFLICT WHERE METHODS OR STANDARDS OF INSTALLATION OR MATERIALS SPECIFIED DO NOT EQUAL OR EXCEED THE REQUIREMENTS OF THE LAWS OR ORDINANCES, THE ORDINANCES SHALL GOVERN. NOTIFY THE ARCHITECT OF ANY CONFLICT.
- 2.B IMPORTANT: IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND EACH AND EVERY SUBTRADE TO ENSURE EVERY ASPECT OF THIS WORK IS IN COMPLIANCE WITH THE PREVAILING CODES.

"WOOD, WOOD DOOR"

WEATHER RESISTIVE BARRIER

WINDOW

WDW

JST

JOIST (S)

KITCHEN

KILOWAT1

- 3.A THESE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF THE ARCHITECT. AUTHORIZED REPRODUCTION MUST BEAR THE NAME OF THE FIRM.
- 3.B IN CASE OF DISCREPANCY OR AMBIGUITY, CONTACT THE ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING WITH ANY WORK.
- 3.C DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION, WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED ONLY SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT.
- 3.D CONTRACTOR SHALL FURNISH SHOP DRAWINGS FOR THE ARCHITECT'S APPROVAL PRIOR TO MANUFACTURE OF ANY CABINET WORK, MILLWORK AND ANY OTHER SPECIAL ITEMS REQUIRING CUSTOM SHOP FABRICATED WORK.
- 3.E DRAWINGS INCLUDE ABBREVIATIONS WHICH ARE IN COMMON USE. THE LIST OF ABBREVIATIONS PROVIDED IS NOT INTENDED TO BE COMPLETE OR REPRESENTATIVE OF CONDITIONS OR MATERIALS SPECIFICALLY USED ON THE PROJECT. THE ARCHITECT WILL DEFINE THE INTENT OF ANY DEFINITION OR TERM IN QUESTION.

- SUPPLEMENTARY DRAWINGS AND SPECIFICATIONS 4.A STRUCTURAL AND FIRE PROTECTION DRAWINGS ARE SUPPLEMENTARY TO THESE DRAWINGS. THE CONTRACTOR SHALL COORDINATE THE WORK OF EACH CONSULTING ENGINEER WITH THESE DRAWINGS OR SPECIFICATIONS AND SHALL NOTIFY THE ARCHITECT OF ALL DISCREPANCIES WITH A WRITTEN REQUEST FOR CLARIFICATION. ANY WORK INSTALLED IN CONFLICT WITH THESE CONTRACT DOCUMENTS SHALL BE CORRECTED SOLELY AT THE EXPENSE OF THE CONTRACTOR.
- 4.B ALL LIGHT GAUGE METAL FRAMING STRUCTURAL ENGINEERING/CALCULATIONS TO BE DELEGATED DESIGN

5. DIMENSIONS:

SPOT ELEVATION

- <u>DO NOT SCALE THESE DRAWINGS.</u> ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE BUT WITHOUT GUARANTEE OF ACCURACY. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR CONDITIONS ADVERSELY AFFECTING THE DESIGN PRIOR TO PROCEEDING WITH THE ITEM OF WORK AFFECTED.
- 5.B DIMENSIONS ON THE PLANS ARE TO FACE OF STRUCTURE, UNLESS OTHERWISE NOTED.

6. COORDINATION:

6.A THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION AND COORDINATION OF THE WORK OF ALL TRADES TO ASSURE COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS.

- 7.A FIRE PROTECTION CONTRACTORS SHALL PROVIDE FIRE PROTECTION DRAWINGS REQUIRED BY GOVERNING AUTHORITY. DRAWINGS SHOULD BE SUBMITTED TO THE ARCHITECT FOR REVIEW.
- 7.B PROVIDE FIRE PROTECTION AT ALL PENETRATIONS OF FIRE RATED ELEMENTS REQUIRED BY THE FIRE OFFICIAL.
- 7.C EXISTING FIRE ALARM SYSTEMS SHALL REMAIN INTACT AND OPERABLE AT ALL TIMES. IF APPLICABLE
- 7.D ALL NEW DETECTORS TO BE COMBINATION SMOKE AND CARBON MONOXIDE ALARMS
- 7.E ALL NEW COMBINATION DETECTORS TO BE HARDWIRED AND INTERCONNECTED.
- 7.F LOCATE COMBINATION DETECTORS IN EACH SLEEPING ROOM, OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, DETECTORS SHALL BE INSTALLED NOT LESS THAN 3 FEET HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB OR SHOWER

- 8.A THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING COMPLIANCE WITH ALL CODES AND OBTAINING ALL NECESSARY PERMITS.
- 8.B ALL DEVIATIONS FROM DIMENSIONED LOCATIONS MUST BE APPROVED BY THE ARCHITECT.
- 8.C THE ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF EACH CORE DRILL WITH THE EXISTING STRUCTURE, PIPING, CONDUIT, ETC. AND SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS OR
- 8.D ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS SHOULD BE CALLED TO THE ATTENTION OF THE ARCHITECT.
- ALL NEW ELECTRICAL/TELEPHONE OUTLETS ARE TO BE MOUNTED VERTICALLY AT 15" AFF UNLESS NOTED. ALL WALL MOUNTED RECEPTACLES LOCATED IN CASEWORK ARE TO BE MOUNTED HORIZONTALLY UNLESS OTHERWISE NOTED.
- 8.F SPECIAL HEIGHTS ARE NOTED ADJACENT TO THE OUTLET.
- 8.G THE ELECTRICAL CONTRACTOR SHALL INCLUDE THE CODE REQUIRED NUMBER, SPACING, AND TYPE OF ELECTRICAL OUTLETS IN THEIR BID PROPOSAL AND PROVIDE THOSE FOR THE PROJECT, EVEN IF THOSE OUTLETS ARE IN EXCESS OF WHAT IS INDICATED ON THE DRAWINGS.
- 8.H ALL ELECTRICAL FIXTURES SHALL BE DIMMABLE UNO.

- 9.A ALL HVAC SYSTEMS ARE TO COMPLY WITH ALL APPLICABLE CODES, AND ARE NOT PART OF THIS CONTRACT.
- 9.B THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF ALL OPENINGS FOR MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AS WELL AS SHOP DRAWINGS BEFORE PROCEEDING WITH WORK.

10. FINISH NOTES:

10.A ALL FINISH MATERIAL COLORS SHALL MATCH ARCHITECT'S CONTROL SAMPLES AND REQUIRE THE ARCHITECT'S APPROVAL PRIOR TO INSTALLATION.

PUYALLUP LIBRARY TEEN ZONE

LIBRARY TENANT IMPROVEMENT



PROJECT INFORMATION					
G001	GENERAL NOTES, ABBREVIATIONS, SYMBOLS	•	•		
G002	FIRE & LIFE SAFETY PLANS	•	•		
G003	ACCESSIBILITY DETAILS	•	•		

ARCHITECT	URAL	
A201	DEMOLITION PLAN	
A202	LEVEL 2 FLOOR PLAN	
4400	SECTIONS	
A601	REFLECTED CEILING DEMO PLAN	
4602	REFLECTED CEILING PLAN	
4700	FINISH SCHEDULE & INTERIOR ELEVATIONS	
4701	INTERIOR ELEVATIONS	
4702	INTERIOR ELEVATIONS	
A801	DOOR SCHEDULE AND ASSEMBLIES	
A900	DETAILS	
4901	SHELF WALL DETAILS	
A902	STUDY ROOM SHELF WALL DETAILS	

M000	GENERAL NOTES, ABBREVIATIONS AND SHEET INDEX	•	•
M001	MECHANICAL LEGEND	•	٦
M100	SCHEDULES	•	١,
M201	LEVEL 2 HVAC DEMOLITION PLAN	•	١,
M202	LEVEL 2 HVAC PLAN	•	٦,

E000	GENERAL NOTES, ABBREVIATIONS AND SHEET INDEX	•	•
E001	ELECTRICAL LEGEND	•	•
E002	LUMINAIRE SCHEDULE	•	•
E201	LEVEL 2 ELECTRICAL DEMOLITION PLAN	•	•
E202	LEVEL 2 ELECTRICAL PLAN	•	ŀ
E301	LEVEL 2 LIGHTING DEMOLITION PLAN	•	Ţ.
E302	LEVEL 2 LIGHTING PLAN	•	٦.
E700	ELECTRICAL PANEL SCHEDULES	•	•

E/00	ELECTRICAL PANEL SCHEDULES	•	•
LIGHTING			
LT101	LUMINAIRE SCHEDULE	•	•
LT102	WASHINGTON STATE ENERGY CODE	•	•
LT202	LEVEL 2 LIGHTING PLAN	•	•

PROJECT INFORMATION

OWNER **PROJECT ADDRESS** PARCEL #S

324 S. MERIDIAN PUYALLUP, WA 98371 1), 5745001180 2). 5745001190 3). 5745001200 4). 5745001210 5). 5745001220

CITY OF PUYALLUP

TENANT IMPROVEMENT TO RENOVATE AND EXPAND THE TEEN AREA OF THE EXISTING LIBRARY

LEGAL DESCRIPTIONS

1). SECTION 28 TOWNSHIP 20 RANGE 04 QUARTER 41 MEEKERS 1ST & 2ND: MEEKERS 1ST & 2ND NE OF SE 28-20-04E L 1 THRU 3 B 19 EXC W 65.5 FT THEREOF TOG/W THAT POR OF VAC 2ND ST SW & ALLEY ABUTT PER ORD #2682 APPROX 7,225 SQ FT DC06/13/02CL

2). SECTION 28 TOWNSHIP 20 RANGE 04 QUARTER 41 MEEKERS 1ST & 2ND: MEEKERS 1ST & 2ND NE OF SE 20-28-04E WLY 65 1/2 FT OF L 1 THRU 3 B 19 TOG/W THAT POR OF VAC ALLEY ABUTT PER ORD #2682 APPROX 5,568 SQ FT DC06/13/02CL

3). SECTION 28 TOWNSHIP 20 RANGE 04 QUARTER 41 MEEKERS 1ST & 2ND: MEEKERS 1ST & 2ND NE OF SE 28-20-04E L 4 THRU 6 B 19 TOG/W THAT POR OF VAC 2ND ST SW PER ORD #2682 APPROX 11,250 SQ FT DC06/13/02CL

4). SECTION 28 TOWNSHIP 20 RANGE 04 QUARTER 41 MEEKERS 1ST & 2ND: MEEKERS 1ST & 2ND NE OF SE 28-20-04E L 7 THRU 9 B 19 TOG/W THAT POR OF VAC 2ND ST SW ABUTT PER ORD #2682 APPROX 11,250 SQ FT EASE OF REC PER ETN 701506 (DC0222RJ6-24-88) DC06/13/02CL

5). SECTION 28 TOWNSHIP 20 RANGE 04 QUARTER 41 MEEKERS 1ST & 2ND: MEEKERS 1ST & 2ND NE OF SE 28-20-04E L 10 THRU 12 B 19 TOG/W THAT POR OF VAC 2ND ST SW & ALLEY ABUTT PER ORD #2682 APPROX 13,244 SQ FT DC06/13/02CL

CONTRACTOR:

COST ESTIMATE:

ADDRESS

ADDRESS

PH: XXXX

CONTACT: XXXX

XXX@XXX.COM

415 1ST AVE, #9671

SEATTLE, WA 98109

PH: (206) 259-2990

MECHANICAL ENGINEER:

SAZAN GROUF

SUITE 1400

DCW COST MANAGEMENT

CONTACT: KATYA GAMARNIK

KATYA@DCWCOST.COM

600 STEWART STREET

CONTACT: PATRICK JUNG

PH: (206) 267-1700

PROJECT TEAM

PUYALLUP PUBLIC LIBRARY 324 S. MERIDIAN PUYALLUP, WA 98371 PH: (253) 841-5454 CONTACT: NICOLE ERICKSON NERICKSON@PUYALLUPWA.GOV

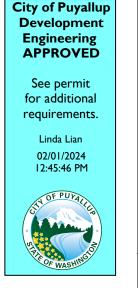
ARCHITECT JOHNSTON ARCHITECTS LLC 3131 WESTERN AVENUE, SUITE 510 SEATTLE, WA 98121 PH: (206) 523-6150 CONTACT: AMBER FRENCH

AFRENCH@JOHNSTONARCHITECTS.COM LIGHTING DESIGNER: DARKLIGHT DESIGN 1511 3RD AVE SUITE 700

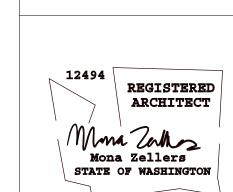
PH: (253) 224-0527 CONTACT: MIKAELA BARTYZEL MIKAELAB@DARKLIGHT-DESIGN.COM

PJUNG@SAZAN.COM Approval of submitted plans is not an approval of omissions or rersights by this office or non compliance with any applicable egulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

he approved construction plans, documents, and all ingineering must be posted on the job at all inspections in a isible and readily accessible location. Full sized legible color plans are required to be provided by e permitee on site for inspection.







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DRAWING ISSUE # DATE DESCRIPTION 1 | 2024-01-17 | 50% CD SET 2 2024-01-26 PERMIT SET

3 2024-03-06 PERMIT CORRECTIONS

City of Puyallup

REVIEWED

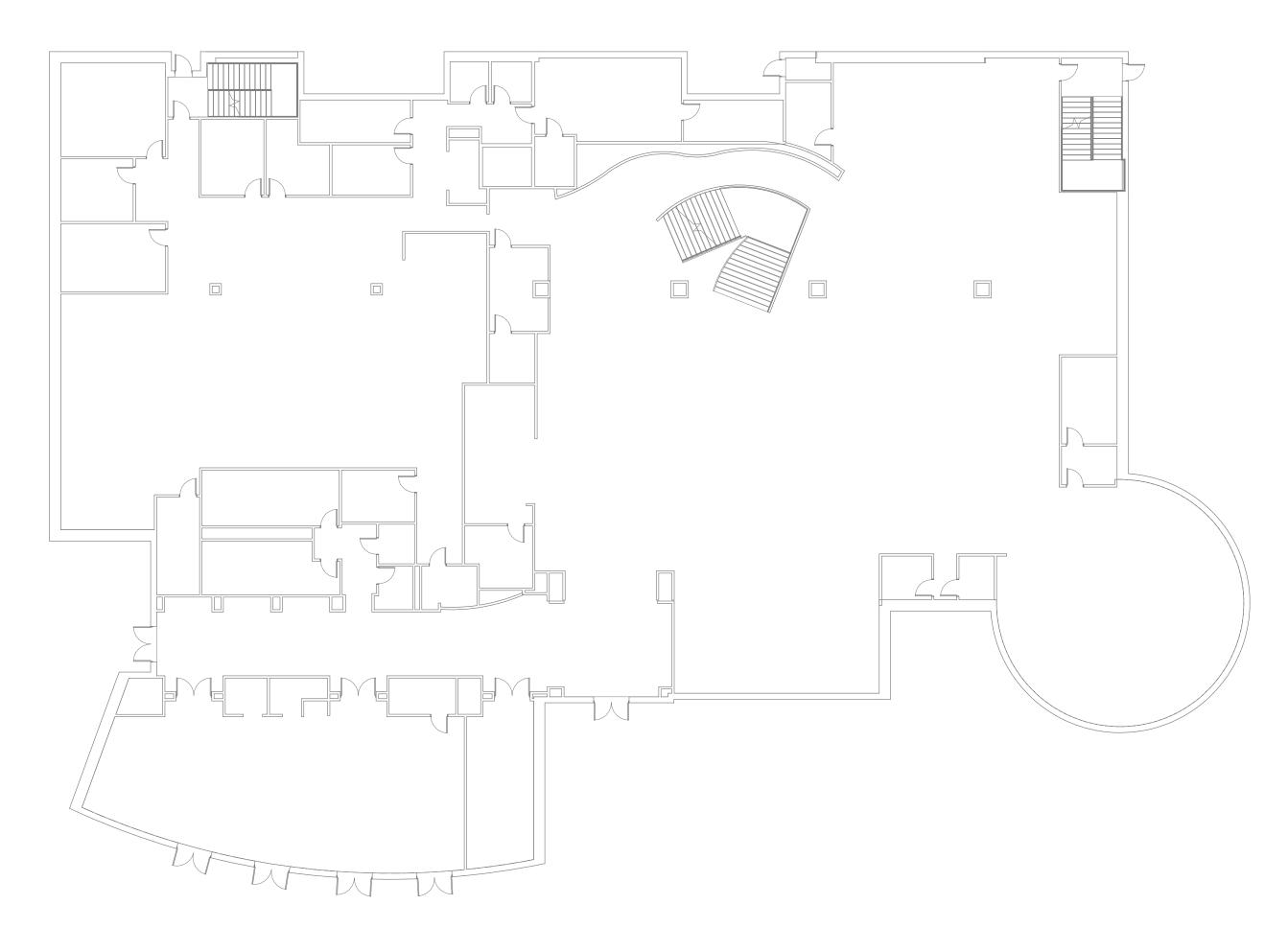
COMPLIANCE

Iopment & Permitting Services **ISSUED PERMIT** Building Planning Public Works Engineering Traffic

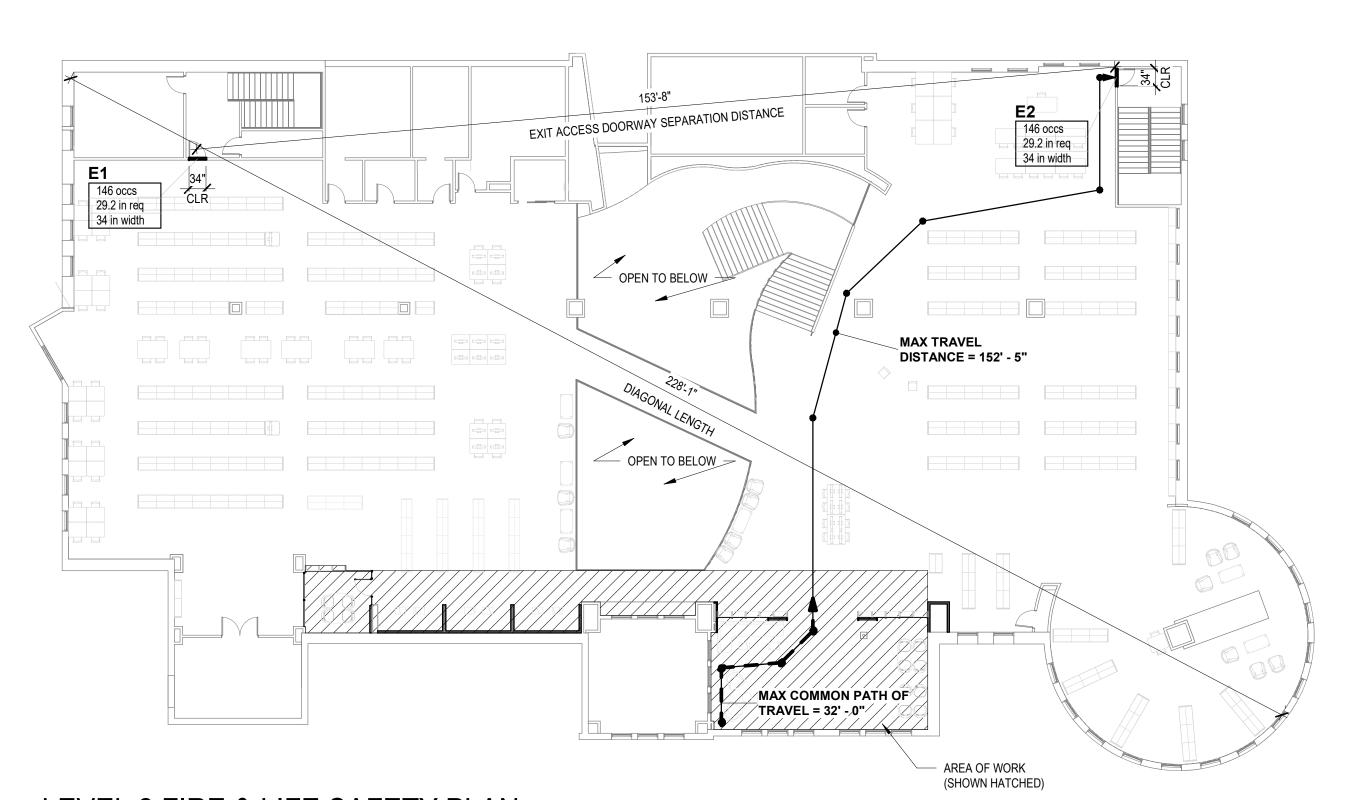
GENERAL NOTES ABBREVIATIONS,

SHEET NO.

PRCTI20240158



LEVEL 1 FIRE & LIFE SAFETY PLAN SCALE: 1/16" = 1'-0"



APPLICABLE CODES

ZONING CODE: PUYALLUP MUNICIPAL CODE **BUILDING CODE:** 2018 INTERNATIONAL BUILDING CODE 2018 WASHINGTON STATE ENERGY CODES (WSEC) **ENERGY CODE:** PLUMBING CODE: 2018 UNIFORM PLUMBING CODE (UPC)

MECHANICAL CODE: 2018 INTERNATIONAL MECHANICAL CODE **ELECTRICAL CODE:** 2020 WASHINGTON CITIES ELECTRICAL CODE 2017 NATIONAL ELECTRICAL CODE FIRE PROTECTION: 2018 INTERNATIONAL FIRE CODE

ACCESSIBILITY: 2009 ICC A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES IBC CHAPTER 11 AND APPENDIX E FOR ACCESSIBILITY

OTHER CODES: 2018 NATIONAL FUEL GAS CODE 2017 LIQUEFIED PETROLEUM GAS CODE AMENDMENTS: 2018 WASHINGTON STATE-WIDE AMENDMENTS

DEFERRED SUBMITTALS

FIRE PROTECTION

SYMBOL LEGEND

DO	OOR#	 	DOOR # (E = EXISTING)		PATH OF EGRESS (MAX TRAVEL DISTANCE)
- OC	CS	-	DOOR OCCUPANTS SERVED		COMMON PATH OF TRAVEL
- IN.	REQ.	-	REQUIRED DOOR WIDTH		
- IN.	WIDTH) -	ACTUAL DOOR WIDTH		

APPROVED PLAN CITY OF PUYALLUP PLANNING DIVISION

APPROVED BY: ARamirez

DATE: 02/15/2024

CASE NO.: PRCTI20240158

CONDITIONS:

BUILDING CODE SUMMARY:

PROJECT ADDRESS:

PUYALLUP, WA 98371

DESCRIPTION: THIS PROJECT IS A PROPOSED RENOVATION OF AN EXISTING PUBLIC LIBRARY. NO CHANGE OF OCCUPANCY IS PROPOSED.

324S. MERIDIAN

ZONING: PF - PUBLIC FACILITIES (EXISTING BUILDING)

CONSTRUCTION TYPE: IIA (EXISTING)

NOTE: EXISTING WALLS ARE RATED PER II BUIDLING TYPE, AND NEW INTERIOR PARTITIONS ARE NON-RATED. THERE ARE NO CHANGES PROPOSED TO THE EXISTING EXTERIOR WINDOWS,

DOORS, WALLS, ROOF, OR FLOOR ASSEMBLIES

BUILDING HEIGHT: 65' MAX (EXISTING)

YES

FIRE ALARM: YES

BUILDING AREA:

SPRINKLER:

TOTAL BUILDING AREA (L1+L2) 39,523 SF

PROJECT AREA:

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION

302: OCCUPANCY CLASSIFICATION

OCCUPANCY: LIBRARY - A-3 (NO PROPOSED CHANGE)

CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS

508.3: MIXED OCCUPANCY STRATEGY NON-SEPARATED OCCUPANCIES

CHAPTER 6: TYPES OF CONSTRUCTION

TABLE 601: FIRE-RESISTANCE RATING REQUIREMENTS FOR BUIDING ELEMENTS

EXISTING - TYPE IIA (SPRINKLERED) STRUCTURAL FRAME: BEARING WALLS EXT: BEARING WALLS INT: NON-BEARING WALLS EXT: NON-BEARING WALLS INT: 0 HR FLOORS: ROOF:

CHAPTER 9: FIRE PROTECTION SYSTEMS

• EXISTING CODE REQUIRED FIRE ALARM SYSTEM, FIRE SPRINKLER SYSTEM, AND FIRE EXTINGUISHERS TO REMAIN; NO PROPOSED CHANGES

TYPE: 2A10BC W/ 75' MAX TRAVEL DISTANCE

CHAPTER 10: MEANS OF EGRESS OCCUPANCY LOAD: 581 (PER EXISTING CONDITIONS)

1004.3: POSTING OF OCCUPANT LOAD EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL

BE MAINTAINED BY THE OWERN. PROVIDE (1) SIGN PER ROOM OR SPACE.

1005.3.2: EGRESS DOOR MIN ALLOWABLE WIDTH

• EGRESS WIDTH (INCHES) REQUIRED: 0.2X OCCUPANT LOAD = 0.2x146 = 29.2" • EGRESS WIDTH (INCHES) PROVIDED: 34", SEE PLAN

153'-8", SEE PLAN

1006.2.1: COMMON PATH OF EGRESS

 MAXIMUM COMMON PATH OF TRAVEL: • COMMON PATH OF TRAVEL PROVIDED: 32', SEE PLAN

1006.3.2: MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS PER STORY

 NUMBER OF EXITS REQUIRED: 2 (NO CHANGE) • NUMBER OF EXITS PROVIDED:

1007.1.1: EXIT ACCESS DOORWAYS SEPARATION EXIT SEPARATION REQUIRED: > 1/3 DIAGONAL = 1/3x228.083 = 76.03'

 EXIT SEPARATION PROVIDED: 1017.2: EXIT ACCESS TRAVEL DISTANCE

• MAXIMUM EXIT ACCESS TRAVEL DISTANCE: 250' • EXIT ACCES TRAVEL DISTANCE PROVIDED: 152'-5", SEE PLAN

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LIBRARY UYALLUP SENTER **P** の

TEEN

DRAWING ISSUE # DATE DESCRIPTION 1 2024-01-17 50% CD SET

2 2024-01-26 PERMIT SET

elopment & Permitting Services ISSUED PERMIT Planning Building Public Works Engineering Traffic

SHEET TITLE

FIRE & LIFE SAFETY PLANS

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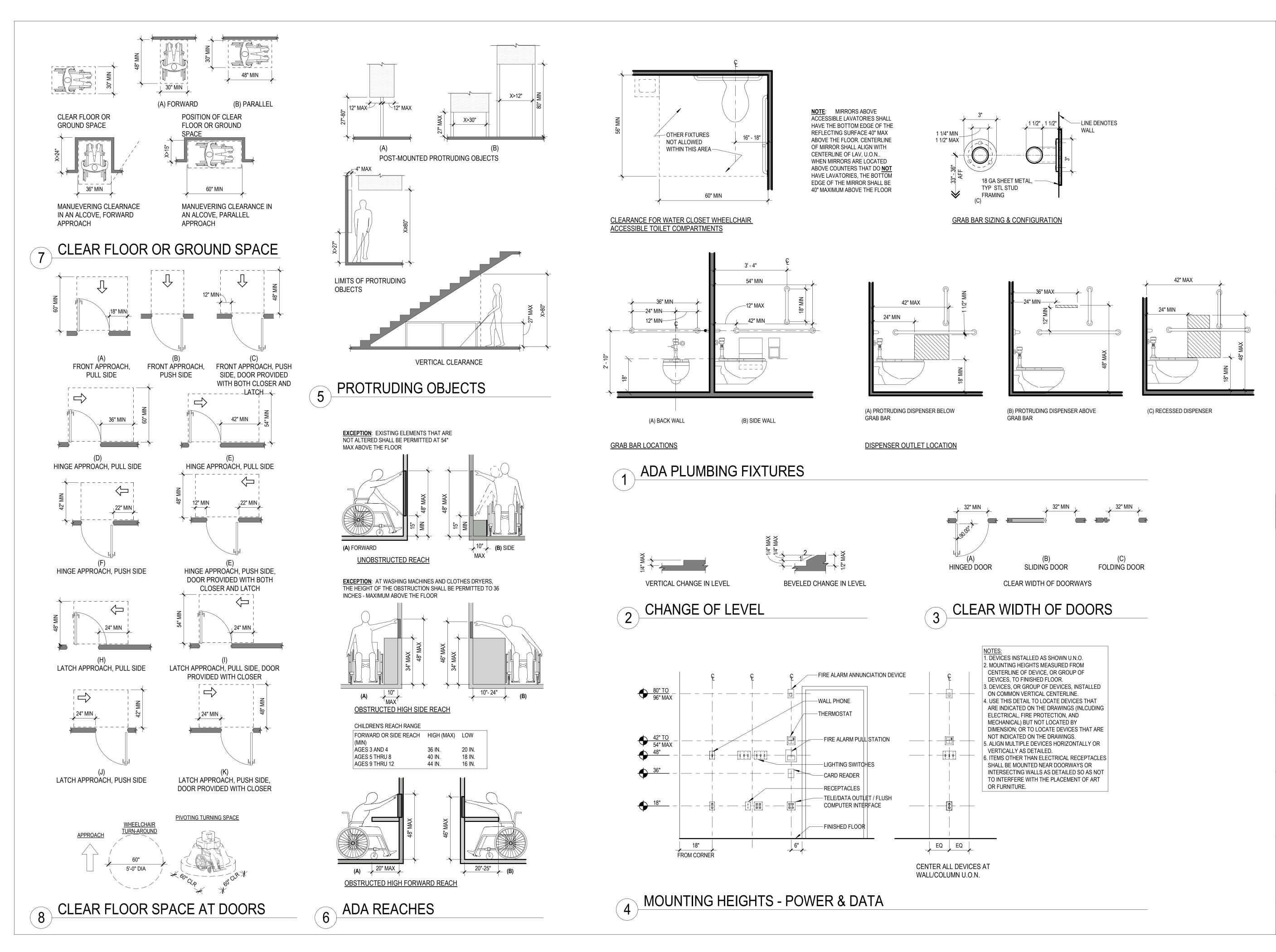
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PRCTI20240158

2 LEVEL 2 FIRE & LIFE SAFETY PLAN

SCALE: 1/16" = 1'-0"



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SRARY TEEN
P, WA 98371

PUYALLUP LIBRARY

BINST SIN STATE

CENTER

324 S MERIDIAN, PUYALLUP, WA 98371

DATE DESCRIPTION
1 2024-01-17 50% CD SET
2 2024-01-26 PERMIT SET

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

SHEET TITLE

ACCESSIBILITY DETAILS

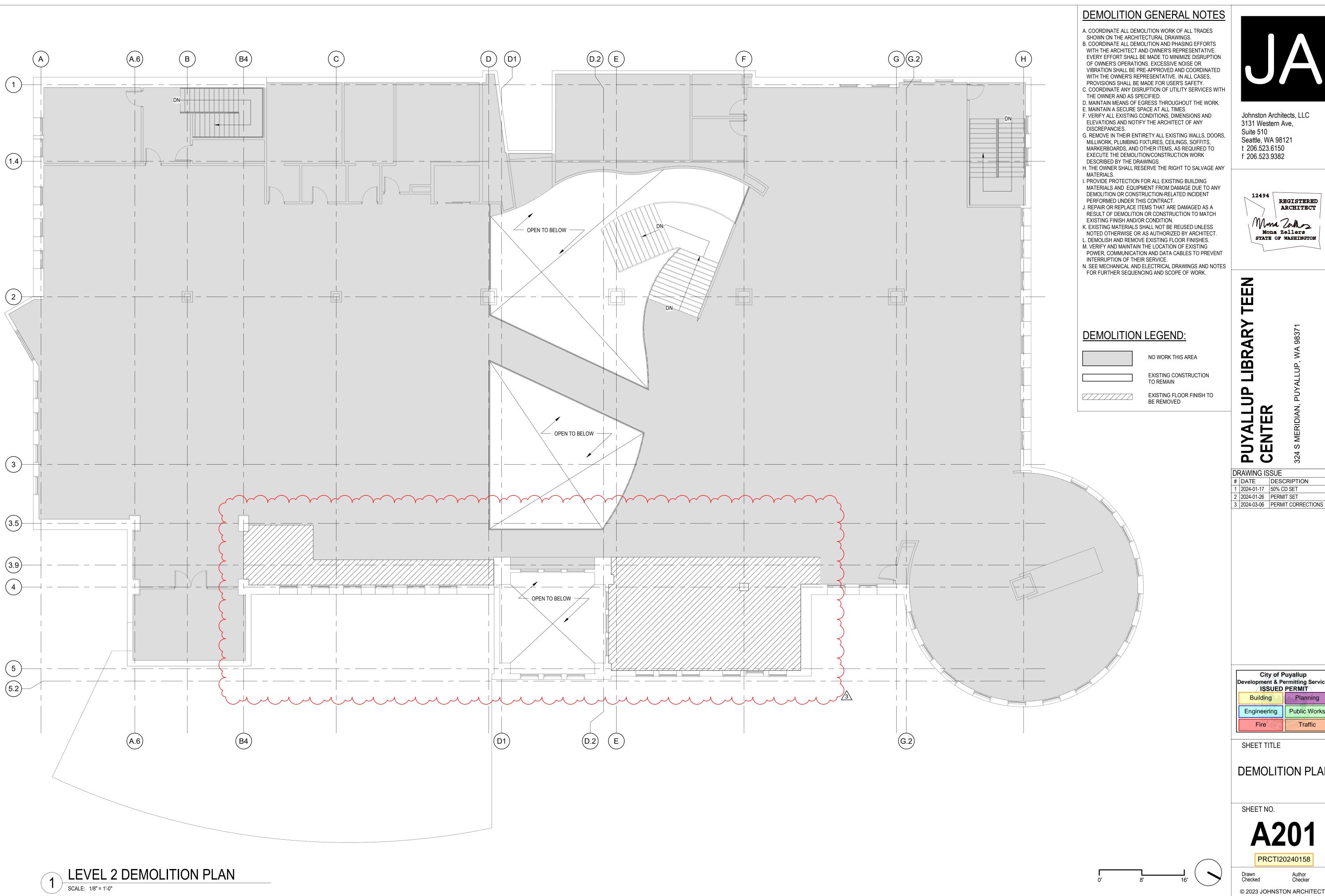
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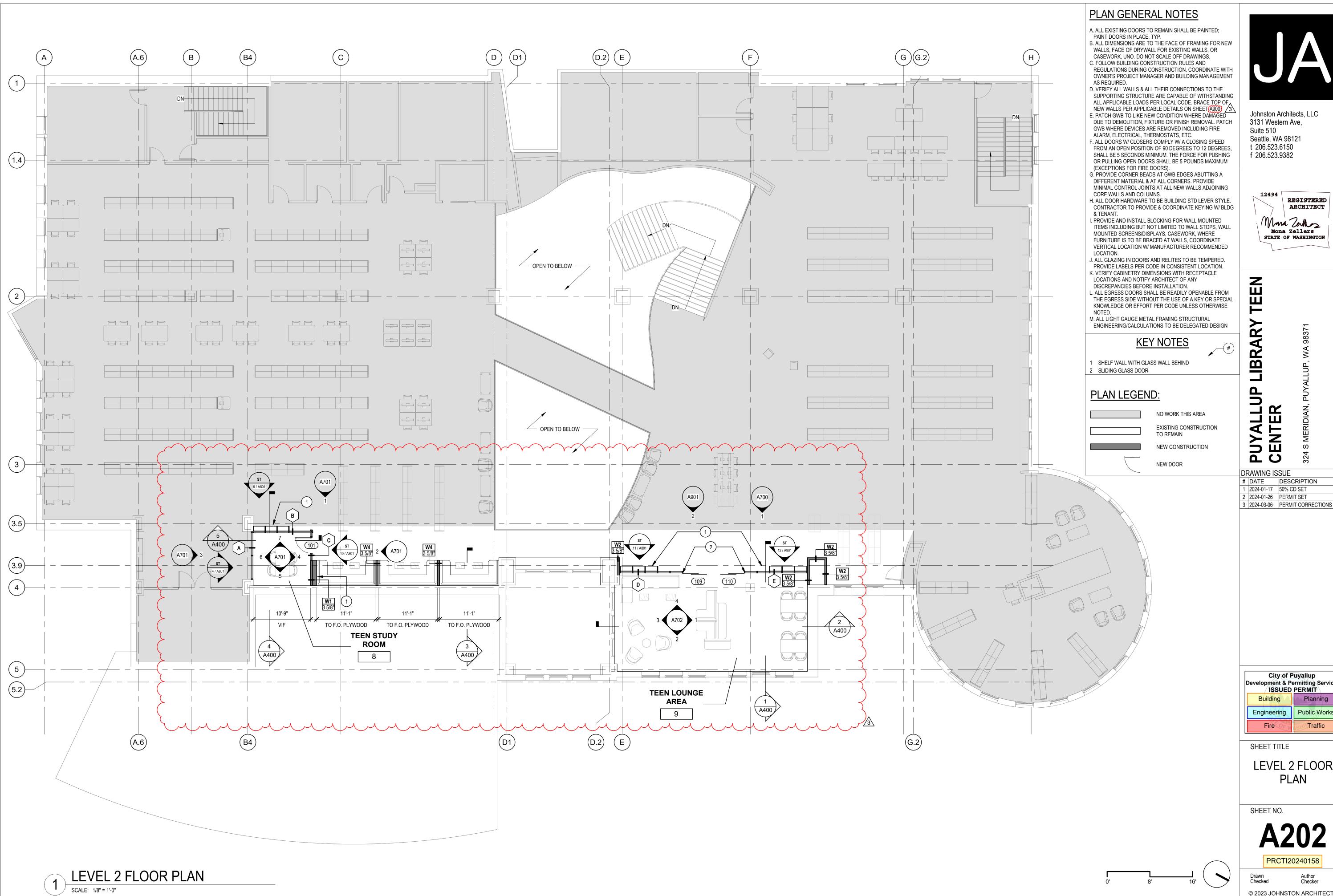
City of Puyallup
evelopment & Permitting Services
ISSUED PERMIT Public Works Engineering Traffic

SHEET TITLE

DEMOLITION PLAN

SHEET NO.

PRCTI20240158



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Public Works

Traffic

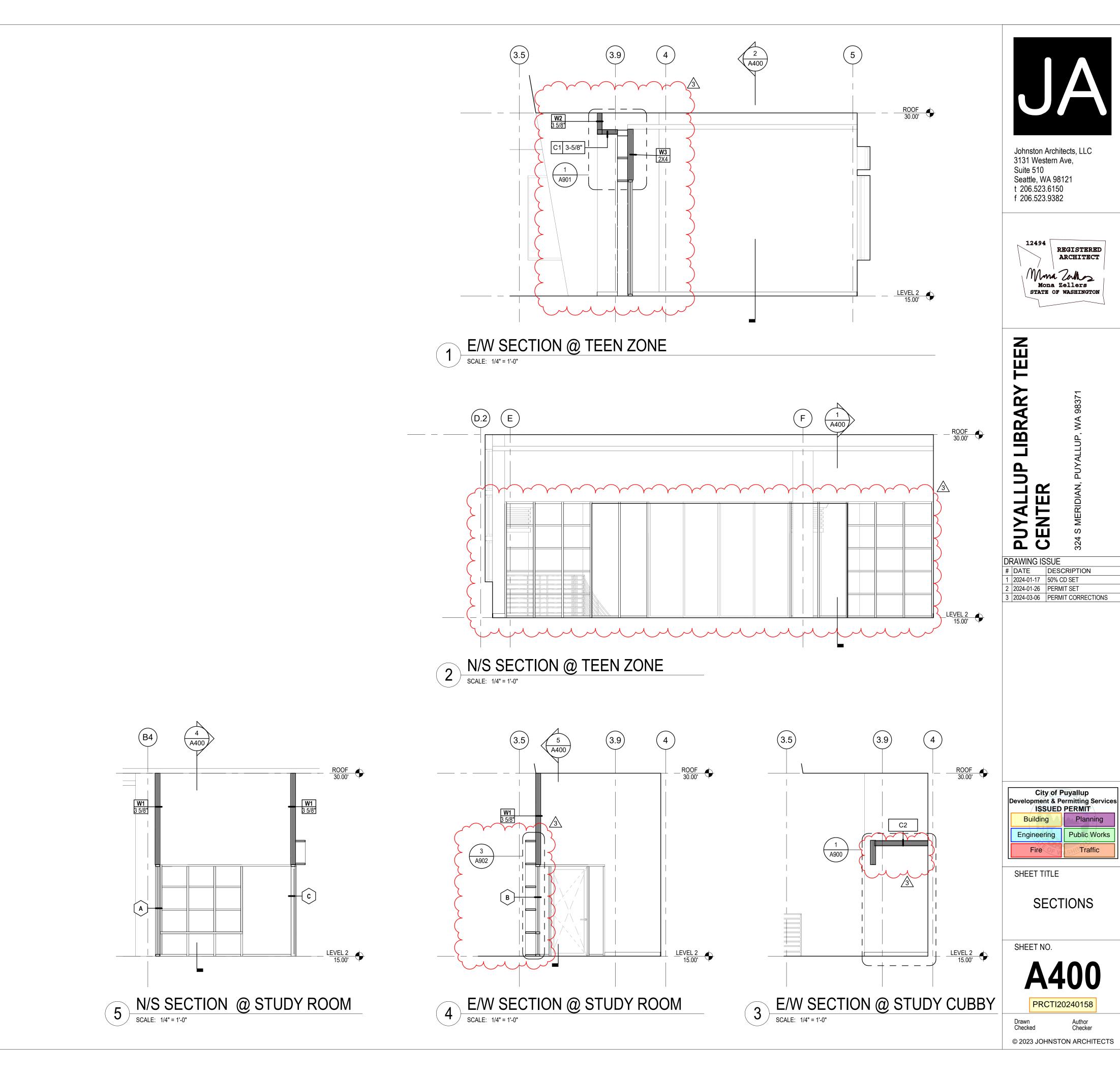
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LEVEL 2 FLOOR PLAN

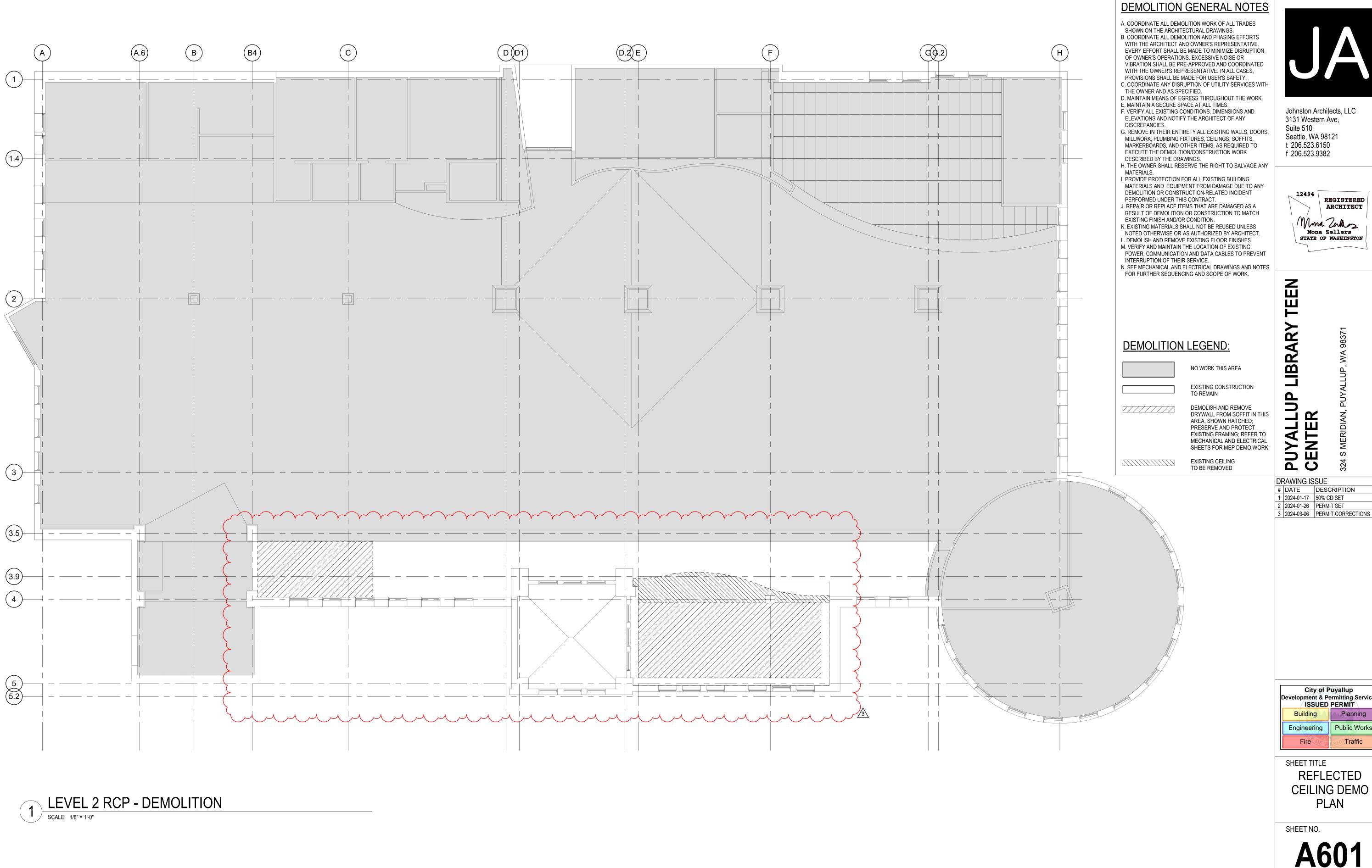
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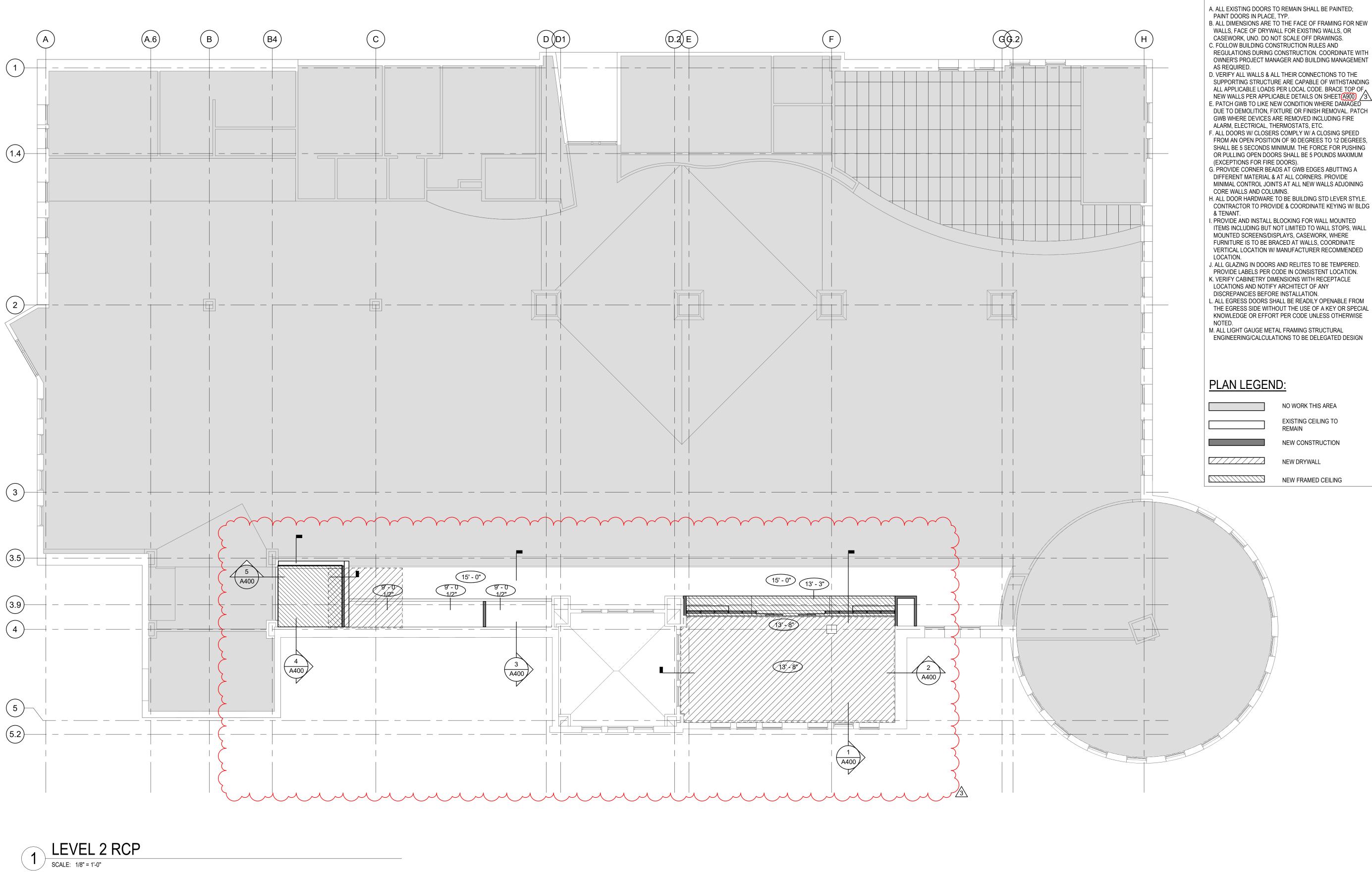
Public Works

Traffic SHEET TITLE REFLECTED **CEILING DEMO**

PLAN

SHEET NO.

PRCTI20240158



PLAN GENERAL NOTES

A. ALL EXISTING DOORS TO REMAIN SHALL BE PAINTED;

B. ALL DIMENSIONS ARE TO THE FACE OF FRAMING FOR NEW

CASEWORK, UNO. DO NOT SCALE OFF DRAWINGS. C. FOLLOW BUILDING CONSTRUCTION RULES AND REGULATIONS DURING CONSTRUCTION. COORDINATE WITH

OWNER'S PROJECT MANAGER AND BUILDING MANAGEMENT

ALL APPLICABLE LOADS PER LOCAL CODE. BRACE TOP OF NEW WALLS PER APPLICABLE DETAILS ON SHEET (A900) 3 E. PATCH GWB TO LIKE NEW CONDITION WHERE DAMAGED DUE TO DEMOLITION, FIXTURE OR FINISH REMOVAL. PATCH

F. ALL DOORS W/ CLOSERS COMPLY W/ A CLOSING SPEED FROM AN OPEN POSITION OF 90 DEGREES TO 12 DEGREES, SHALL BE 5 SECONDS MINIMUM. THE FORCE FOR PUSHING OR PULLING OPEN DOORS SHALL BE 5 POUNDS MAXIMUM

G. PROVIDE CORNER BEADS AT GWB EDGES ABUTTING A DIFFERENT MATERIAL & AT ALL CORNERS. PROVIDE MINIMAL CONTROL JOINTS AT ALL NEW WALLS ADJOINING

CONTRACTOR TO PROVIDE & COORDINATE KEYING W/ BLDG

ITEMS INCLUDING BUT NOT LIMITED TO WALL STOPS, WALL MOUNTED SCREENS/DISPLAYS, CASEWORK, WHERE FURNITURE IS TO BE BRACED AT WALLS, COORDINATE VERTICAL LOCATION W/ MANUFACTURER RECOMMENDED

J. ALL GLAZING IN DOORS AND RELITES TO BE TEMPERED. PROVIDE LABELS PER CODE IN CONSISTENT LOCATION. K. VERIFY CABINETRY DIMENSIONS WITH RECEPTACLE LOCATIONS AND NOTIFY ARCHITECT OF ANY

L. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT PER CODE UNLESS OTHERWISE

ENGINEERING/CALCULATIONS TO BE DELEGATED DESIGN

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LIBRARY

DRAWING ISSUE # DATE DESCRIPTION 1 2024-01-17 50% CD SET 2 2024-01-26 PERMIT SET 3 2024-03-06 PERMIT CORRECTIONS

Johnston Architects, LLC

REGISTERED

ARCHITECT

Mma Zallas

Mona Zellers

STATE OF WASHINGTON

3131 Western Ave,

Seattle, WA 98121

t 206.523.6150

f 206.523.9382

12494

Suite 510

City of Puyallup
evelopment & Permitting Services
ISSUED PERMIT Engineering Public Works

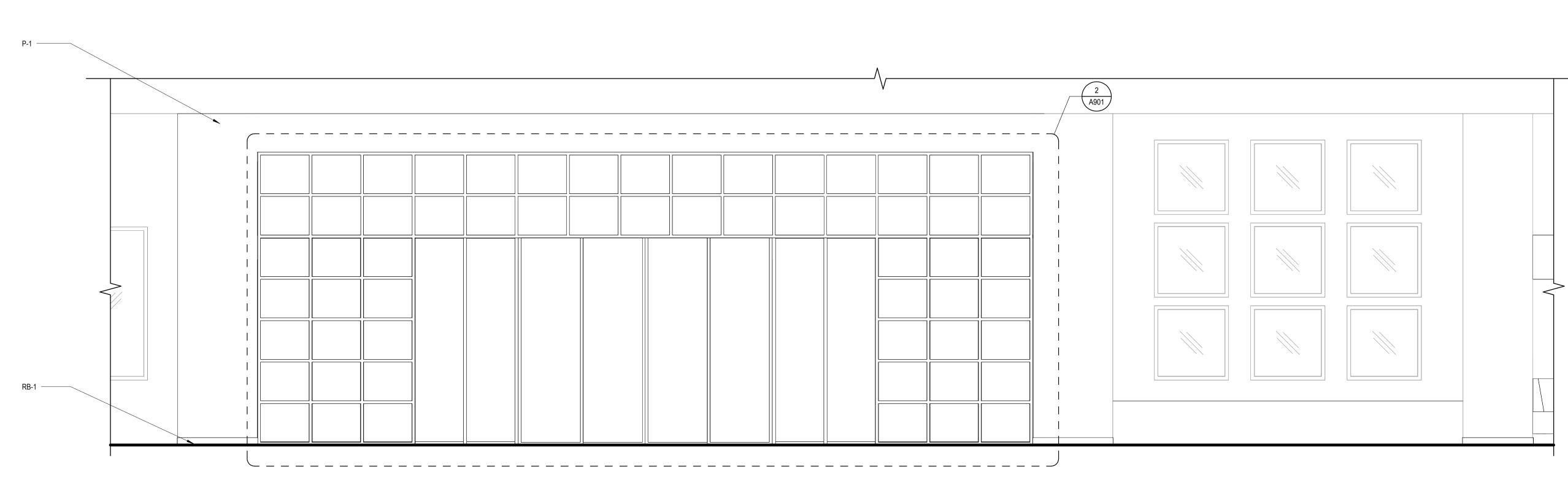
Traffic

SHEET TITLE

REFLECTED **CEILING PLAN**

SHEET NO.





SHELF WALL - EAST

SCALE: 3/8" = 1'-0"

MATERIALS & FINISHES LEGEND

SPEC. SECTIONS NOTED BELOW FOR REFERENCE

SECTION 06 41 00 - ARCHITECTURAL WOOD CASEWORK

WOOD CONTROL SAMPLES WD-1 SPECIES: WHITE BIRCH CUT: TBD

FINISH: BONA NATURAL WV-1 PRODUCT: BALTIC BIRCH PLYWOOD

CUT: TBD FINISH: BONA NATURAL

SECTION 09 51 00 - ACOUSTICAL CEILINGS FELT PANELING

PET-1 MANUFACTURER: FSORB PRODUCT: PET PANELS COLOR:TBD SIZE: TBD THICKNESS: TBD

INSTALLATION: PER MANUF.

SECTION 09 65 00 - RESILIENT FLOORING RESILIENT BASE

RB-1 MANUFACTURER: TBD TYPE: TBD PROFILE: TBD SIZE: TBD COLOR: TBD

SECTION 09 68 13 – TILE CARPETING

CPT-1 MANUFACTURER: TBD STYLE: TBD COLOR: TBD SIZE: TBD DYE METHOD: TBD PRIMARY BACKING: TBD PILE HEIGHT: TBD INSTALLATION: TBD

SECTION 09 91 23 - INTERIOR PAINTING INTERIOR PAINT

CONTACT:

P-1 MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7566 WESTHIGHLAND WHITE SHEEN: EGGSHELL

P-2 MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7674 PEPPERCORN SHEEN: EGGSHELL

STN-1 MANUFACTURER: TBD COLOR: TBD

	ROOM FINISH SCHEDULE											
ROOM NO.	ROOM NAME	FLOOR	BASE	NORTH	WAL EAST	LL FINISH SOUTH	WEST	CASEWORK FINISH	COUNTERTOP FINISH	CEILING FINISH	WINDOW TREATMENT	NOTES
01	TEEN STUDY ROOM	CPT-1	RB-1	P-1, PET-1	P-1, PET-1	P-1, PET-1	PET-1			P-1	-	
02	TEEN STUDY CUBBIES	CPT-1	RB-1	WV-1	WV-1	WV-1	WV-1			P-1	-	
03	TEEN LOUNGE AREA	CPT-1	RB-1	P-1	P-1	P-1	WV-1			PET-1	-	

ROOM FINISH SCHEDULE MATERIAL DESIGNATIONS

ACOUSTICAL CEILING TILE

ACOUSTICAL WOOD CEILING CORNER GUARD

CARPET TILE DRAPERY FABRIC

FABRIC GROUT

PAINT PLASTIC LAMINATE QUARTZ SOLID SURFACING

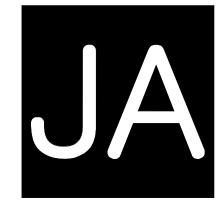
RESILIENT BASE

RESILIENT FLOORING PLANK ROLLER SHADE

STN STAIN TILE

WOOD

WALL COVERING WV WOOD VENEER



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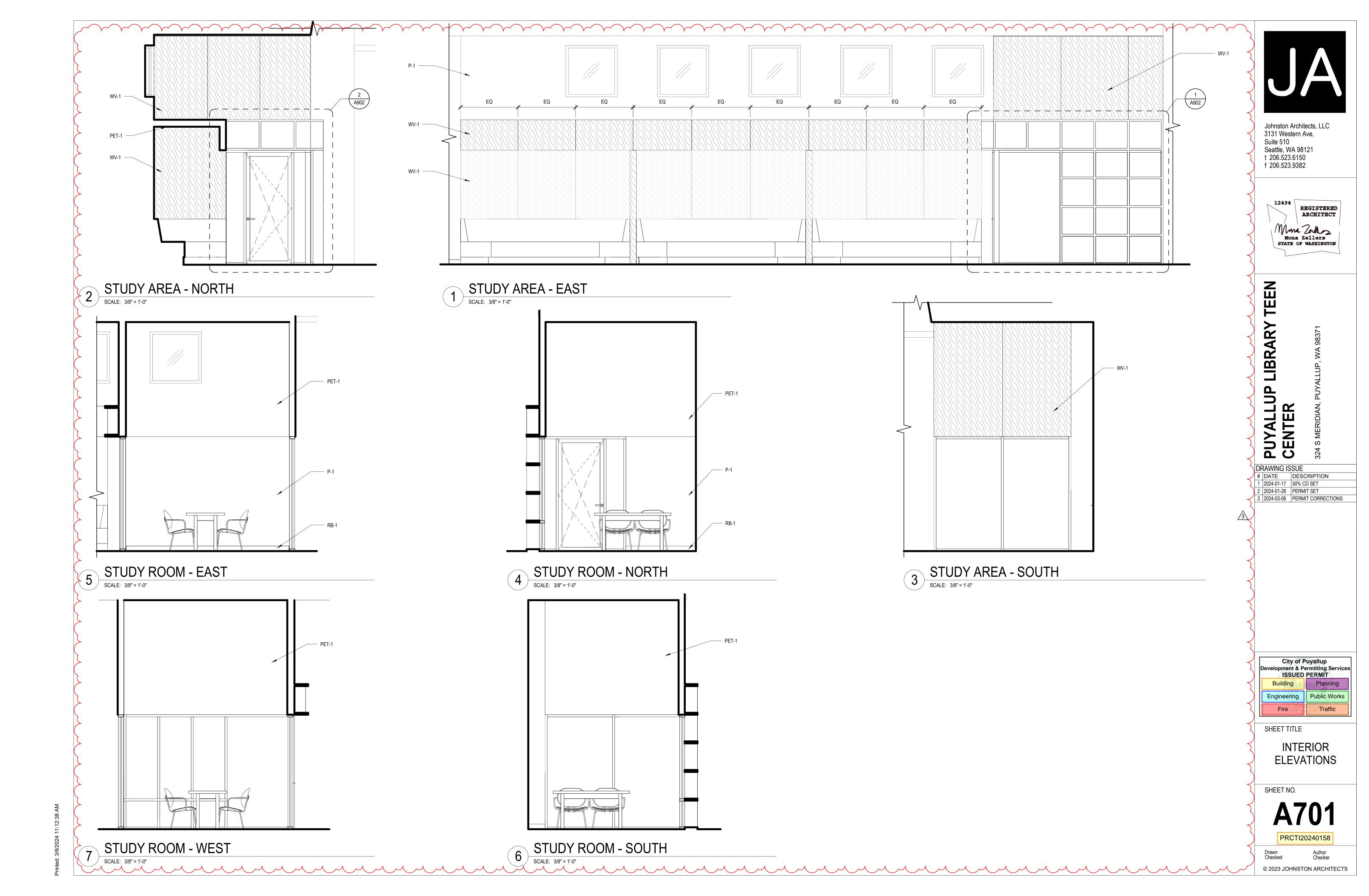
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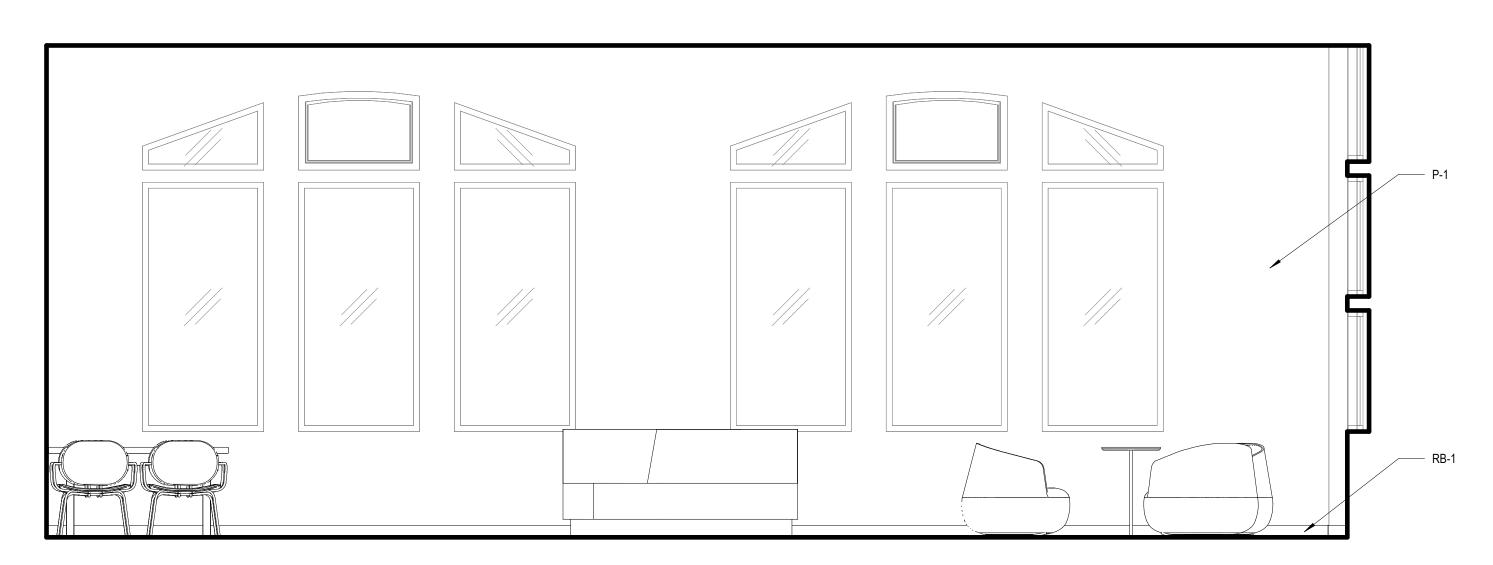
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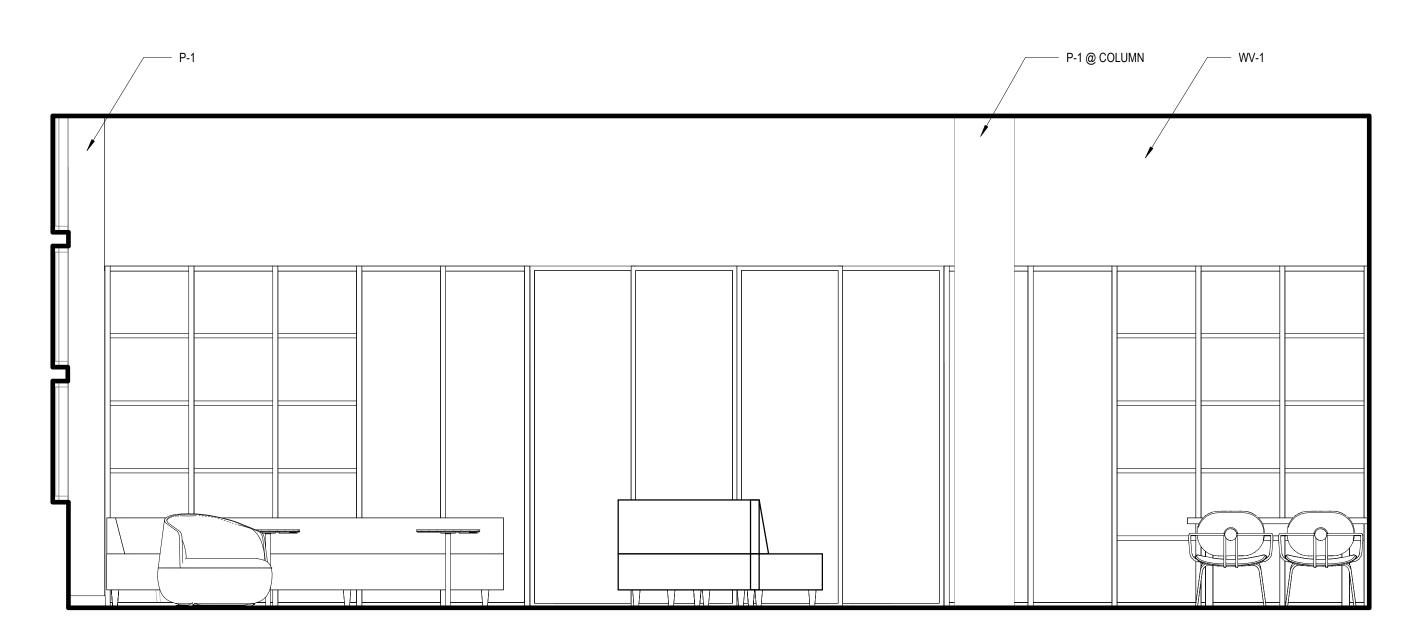
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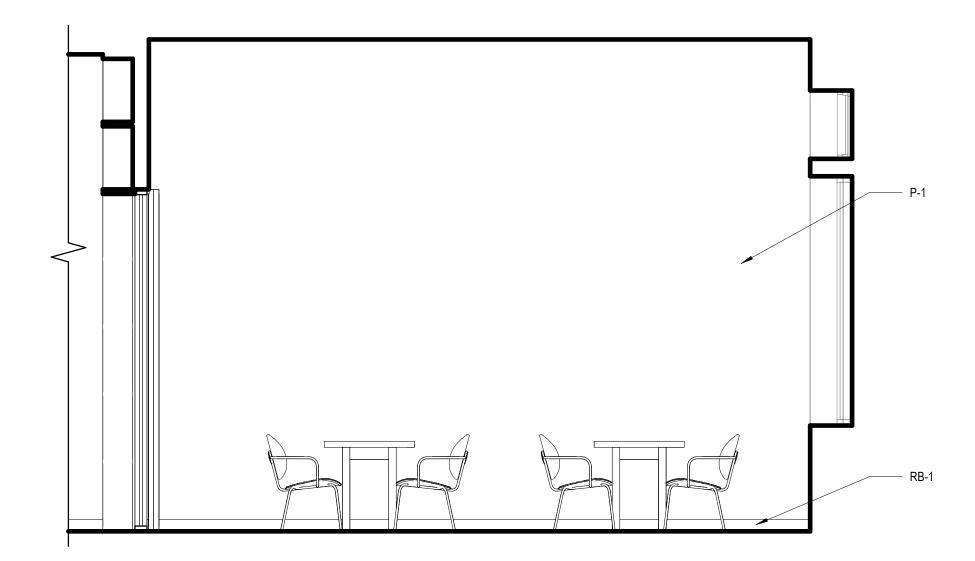


2 TEEN LOUNGE - EAST
SCALE: 3/8" = 1'-0"

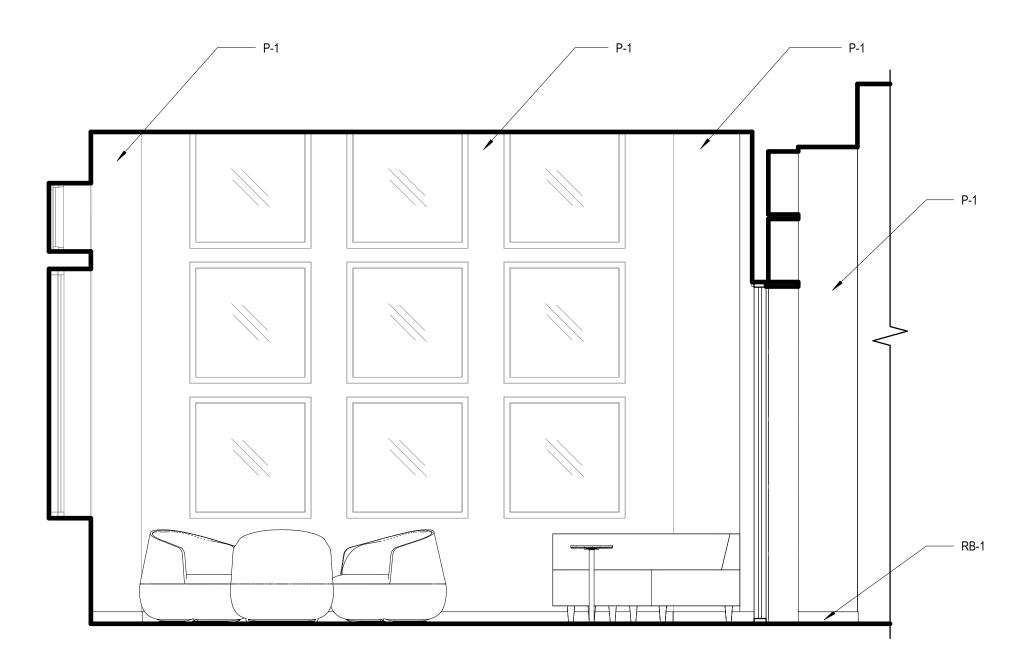


TEEN LOUNGE - WEST

SCALE: 3/8" = 1'-0"

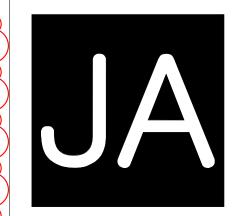


1 TEEN LOUNGE - NORTH
SCALE: 3/8" = 1'-0"



3 TEEN LOUNGE - SOUTH

SCALE: 3/8" = 1'-0"



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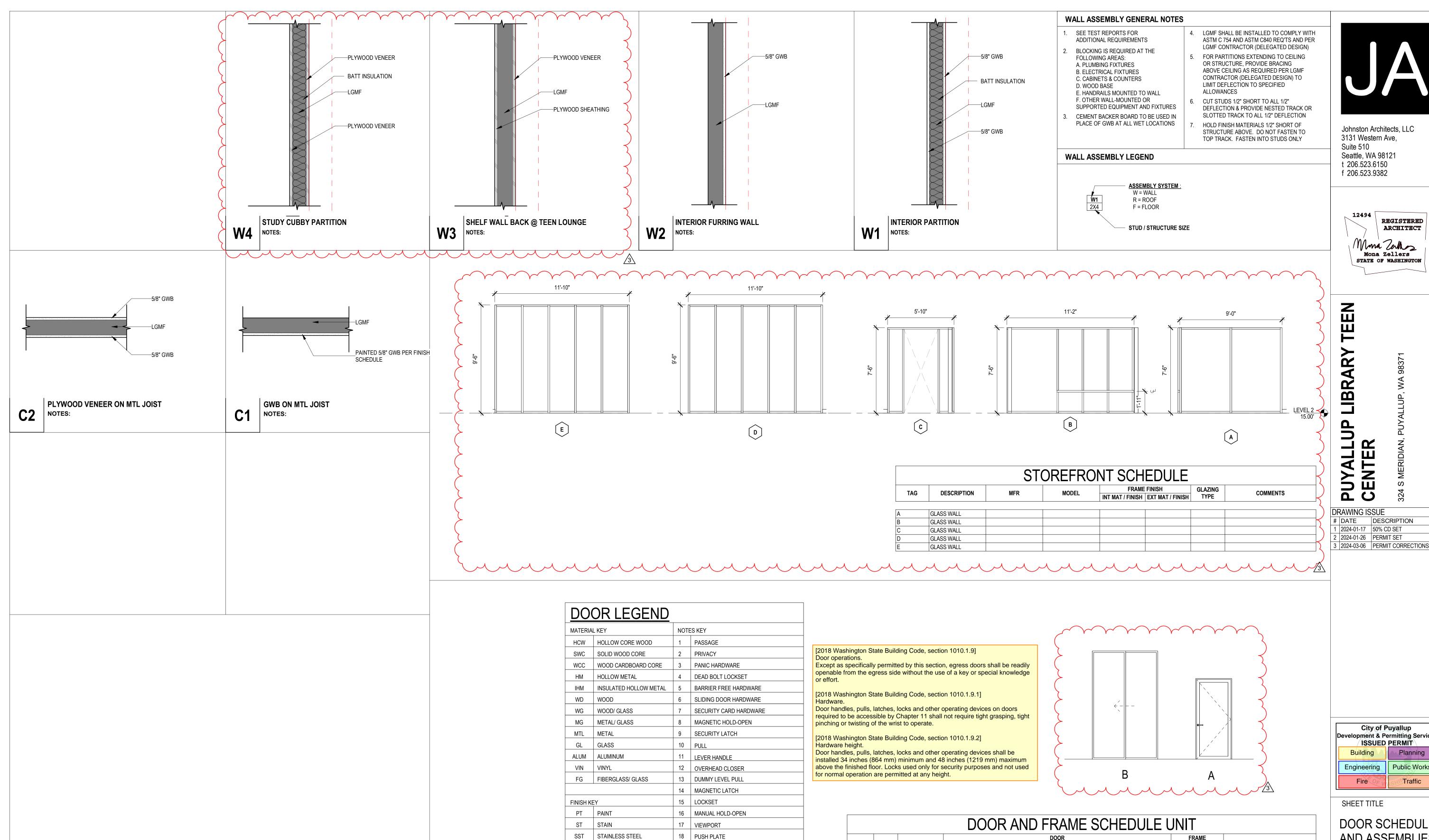
INTERIOR ELEVATIONS

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F FIN FACTORY FINISH

WV WOOD VENEER

19 KICK PLATE

26 STOREFRONT

20 TEMPERED GLASS 21 WEATHER STRIPPING

22 BOTTOM GASKET (HARD SURFACE)

24 ASTRAGAL GASKET (DOUBLE DOORS) 25 AUTOMATIC CLOSING BY ACTUATION OF SMOKE DETECTORS PER IBC 715.4.8.3

23 BOTTOM GASKET (CARPET)

27 GARAGE DOOR ACTIVATOR

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٨		Engineering	Public Works
А)	Eiro	Troffic

COMMENTS

TEMPERED GLASS

TEMPERED GLASS

TEMPERED GLASS

ROUGH OPENING

HEIGHT

9' - 4 1/2"

9' - 4 1/2"

TYPE MATL

WIDTH

WIDTH

5' - 10"

В

HEIGHT

9' - 6 1/2"

9' - 6 1/2"

2' - 11 3/4" 7' - 4 1/4" 0' - 1 3/4"

THK

0' - 1 3/4"

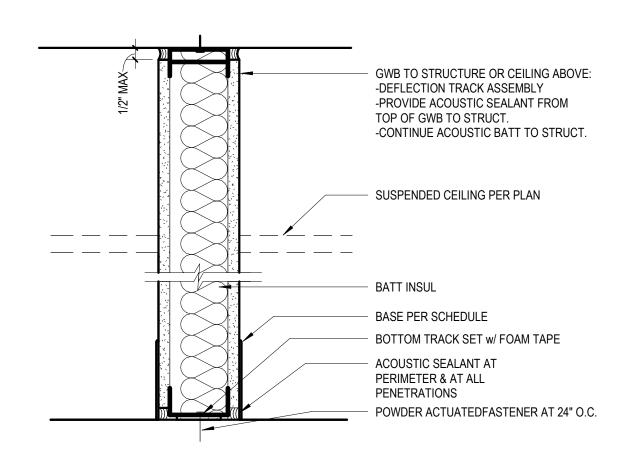
0' - 1 3/4" | 7' - 1"

DOOR SCHEDULE AND ASSEMBLIES

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PARTITION ATTACHMENT

EXISTING
STRUCTURE

EXISTING
STRUCTURE

FINISHED GWB

MTL STUD

METAL

CORNER BEAD

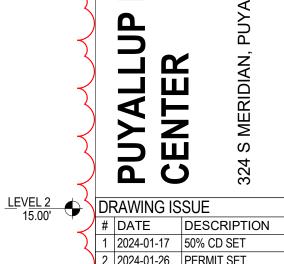
EXISTING GWB SOFFIT

SPUICE MTL STUD FRAMING AS NEEDED

NEW SOFFIT AT EXISTING CEILING

SCALE: 1 1/2" = 1'-0"

EXISTING EXTERIOR WALL ASSEMBLY **GWB PANEL** LIGHT GAUGE METAL FRAMING CLEAT-FASTENED BALTIC BIRCH PLYWOOD W/ BONA NATURAL FINISH FACE-FASTENED BALTIC BIRCH
PLYWOOD W/ BONA NATURAL FINISH PET FELT, ADHESIVELY ATTACHED PENDANT FIXTURE PER LIGHTING BALTIC BIRCH PLYWOOD W/ BONA NATURAL FINISH WHERE OCCURS; ORIENT GRAIN VERTICALLY TO MATCH, TYP. CLEAT-FASTENED BALTIC BIRCH PLYWOOD W/ BONA NATURAL FINISH RETURN 3" MIN AT BACK OR HIDDEN SIDE OF CUSHION; ATTACH CUSHIONS W/ HOOK-AND-LOOP FASTENER, TYP PLYWOOD BACKING WOOD BLOCKING FOR SUPPORT PROVIDE POWER IN FACE OF BENCH, SEE ELECTRICAL DRAWINGS



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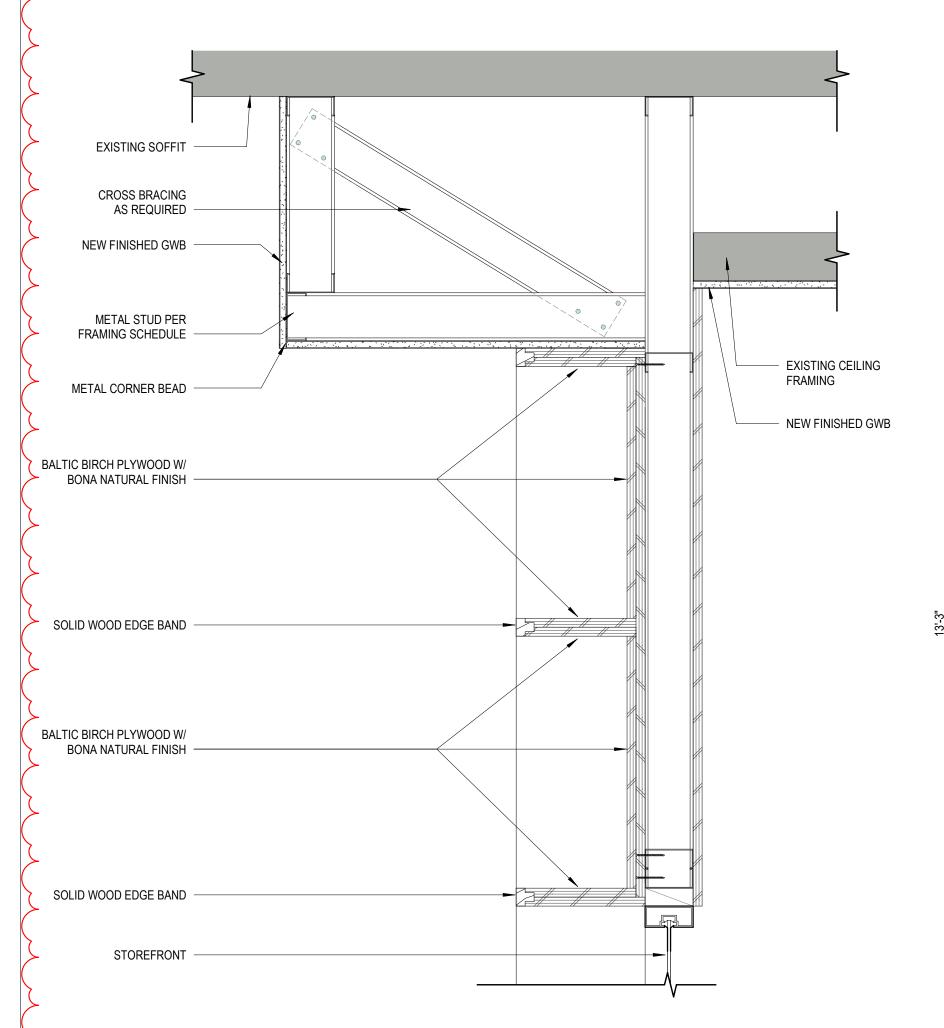
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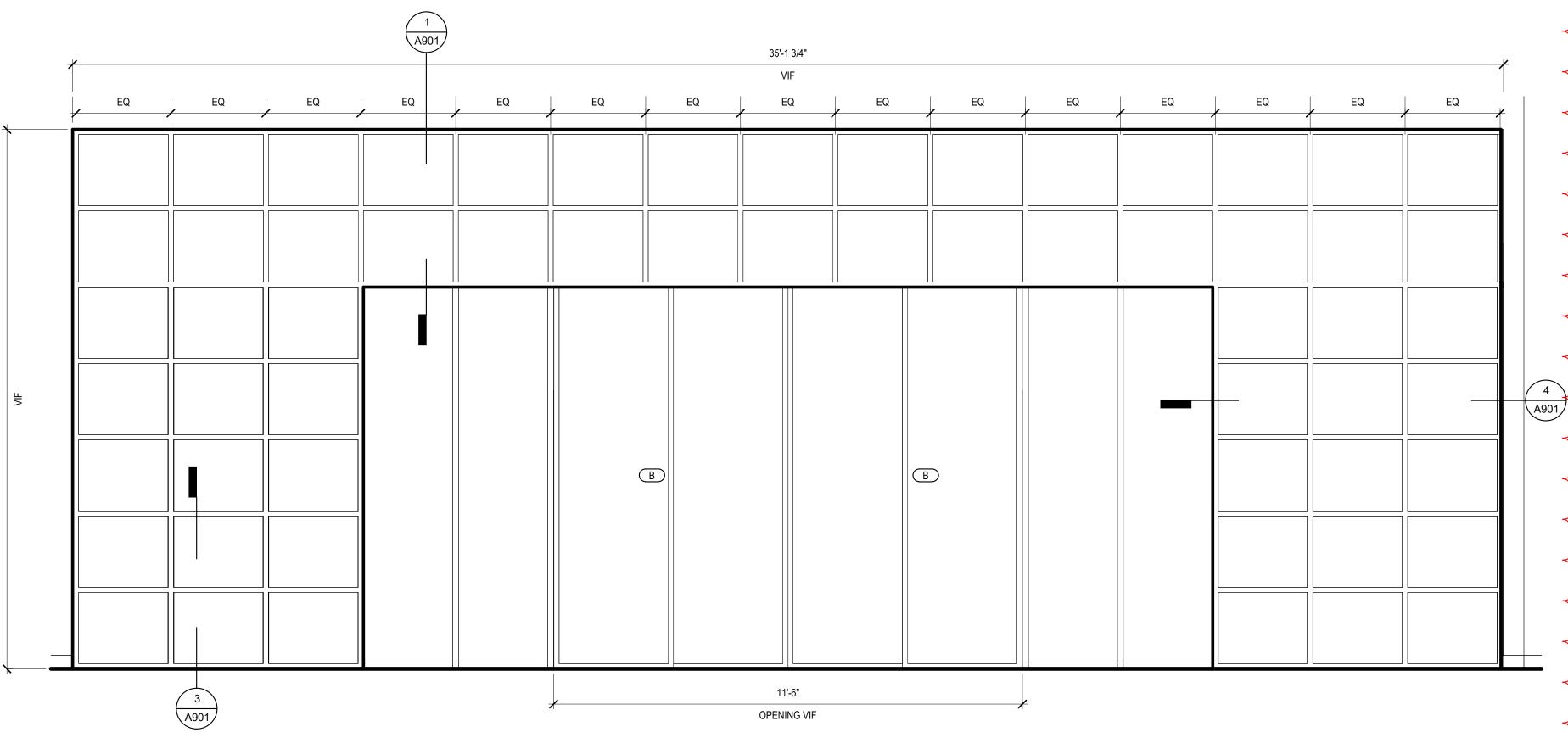
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STUDY CUBBY

SCALE: 1" = 1'-0"





SHELF WALL HEADER @ LOUNGE SCALE: 1 1/2" = 1'-0"

STOREFRONT

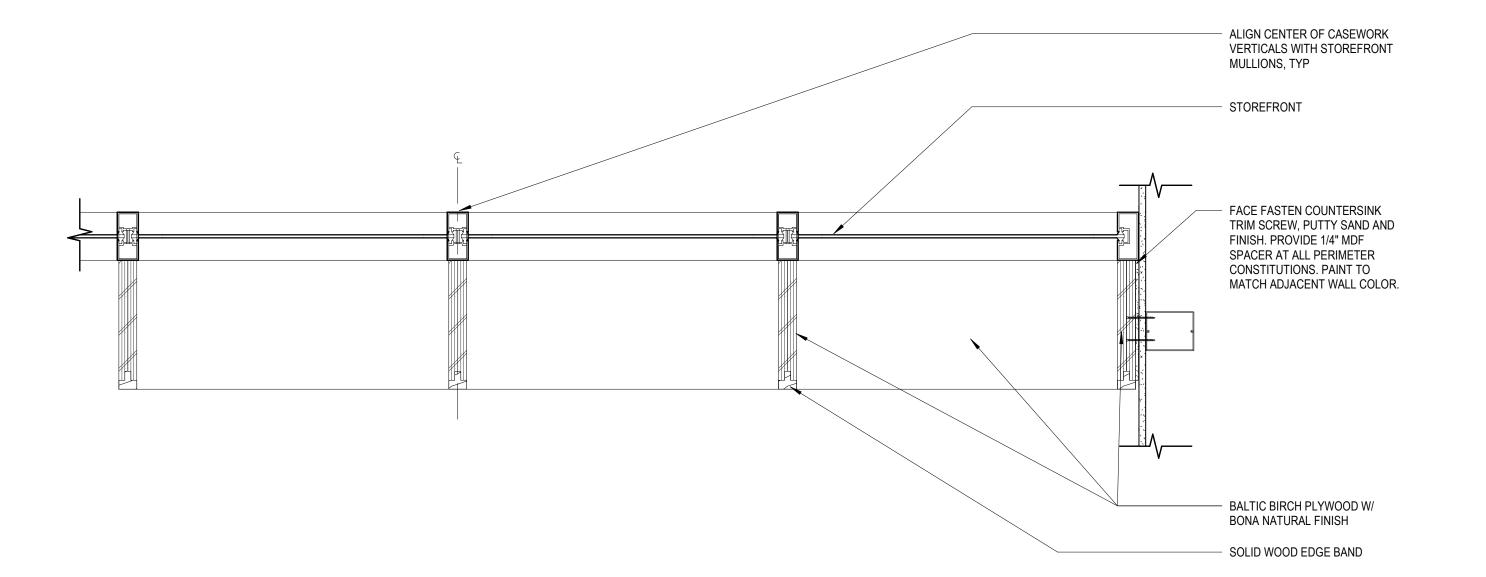
SOLID WOOD EDGE BAND

BALTIC BIRCH PLYWOOD W/
BONA NATURAL FINISH

FACE FASTEN COUNTERSINK
TRIM SCREW, PUTTY SAND
AND FINISH, PROVIDE 1/4"
MDF SPACER AT ALL
PERIMETER CONSTITUTIONS.
PAINT TO MATCH ADJACENT

2 LOUNGE SHELF WALL ELEVATION

SCALE: 1/2" = 1'-0"

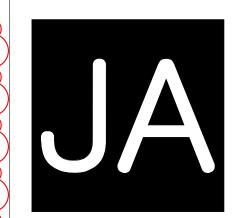


SHELF WALL FOOTER @ LOUNGE

SCALE: 1 1/2" = 1'-0"

4 LOUNGE SHELF WALL PLAN DETAIL

SCALE: 1 1/2" = 1'-0"



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SHELF WALL DETAILS

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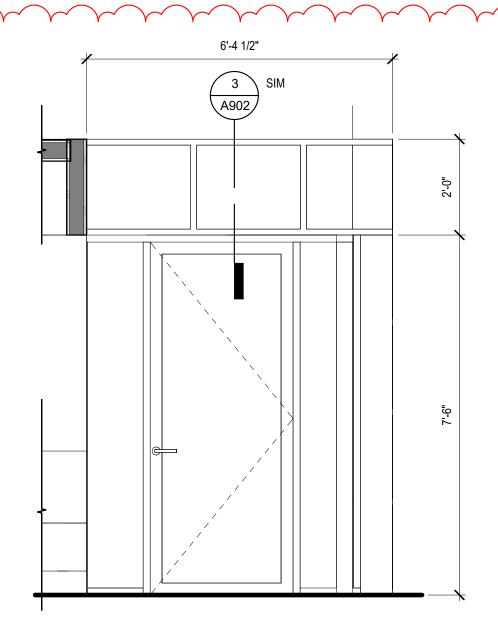
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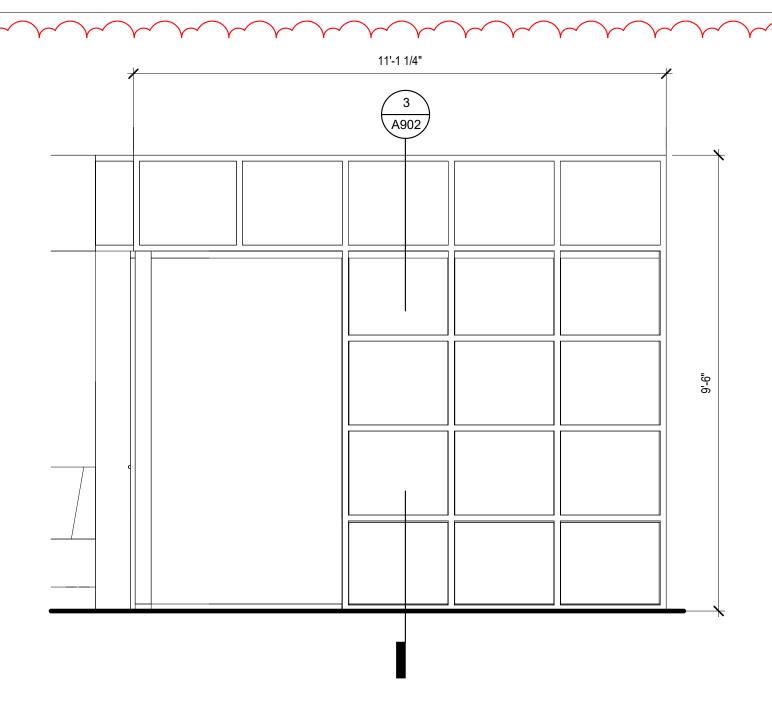
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STOREFRONT COLOR

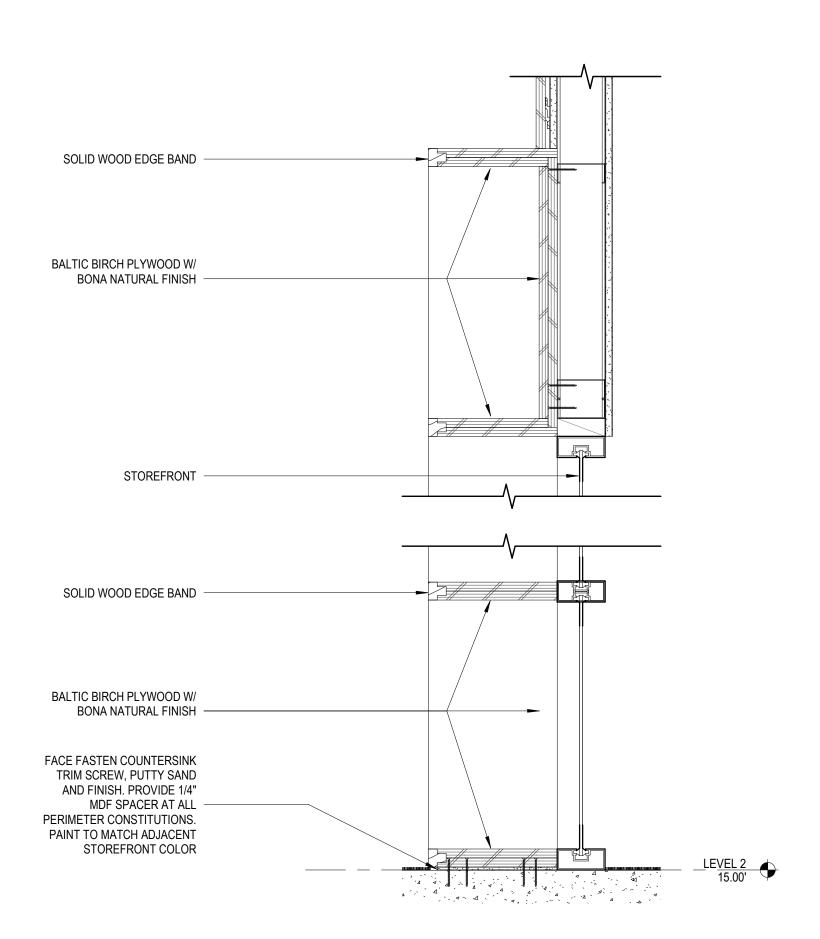




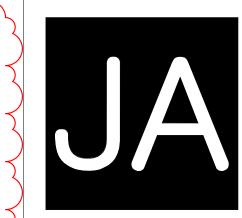


1 STUDY ROOM SHELF WALL - WEST ELEVATION

SCALE: 1/2" = 1'-0"







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SHEET TITLE STUDY ROOM SHELF WALL **DETAILS**

SHEET NO.

Fire



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GENERAL NOTES

- 1. THE SCOPE OF THE MECHANICAL WORK CONSISTS OF WORK SHOWN ON THE PLANS AND AS DESCRIBED IN THE SPECIFICATIONS. IN CASE OF CONFLICT, THE SPECIFICATIONS SHALL GOVERN. PROVIDE A COMPLETE & FUNCTIONAL SYSTEM
- 2. PERFORM ALL WORK IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES. OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND PAY FOR ALL FEES REQUIRED BY AUTHORITIES HAVING JURISDICTION. PAY ALL ROYALTIES OR FEES REQUIRED IN CONNECTION WITH THE USE OF PATENTED DEVICES AND SYSTEMS.
- 3. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR GENERAL CONSTRUCTION INCLUDING LOUVERS, CONCRETE EQUIPMENT PADS, FLASHING DETAILS, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM ELEVATIONS, LOCATE MECHANICAL DEVICES SUCH AS TEMPERATURE SENSORS, HUMIDISTATS, PANELS, ETC. SO THAT THEY DO NOT CONFLICT WITH GENERAL CONSTRUCTION (WAINSCOT, DOOR HARDWARE, ETC.) NOR WITH ELECTRICAL SYSTEM (LIGHT SWITCHES, SPEAKERS, OUTLETS, ETC.).
- 4. COORDINATE WITH OTHER TRADES:
- A. REFER TO ELECTRICAL DRAWINGS AND CONFIRM ELECTRICAL CHARACTERISTICS SHOWN FOR MECHANICAL EQUIPMENT (VOLTAGE, PHASE, HZ, ETC). MATCHES THAT OF THE MECHANICAL EQUIPMENT PROVIDED.
 B. PROVIDE ADEQUATE CLEARANCE OF MECHANICAL WORK FROM ELECTRICAL EQUIPMENT. MAINTAIN MINIMUM ACCESS OF 6-INCHES ABOVE CABLE TRAYS AND 18-INCHES TO THE SIDE OF CABLE TRAYS. CLEARANCE ABOVE CABLE TRAY SHOULD BE 1/2 THE WIDTH AND NOT LESS THAN 6-INCHES WHEN RUNNING PARALLEL WITH CABLE TRAY. AND NOT LESS THAN 6-INCHES WHEN RUNNING PERPENDICULAR TO THE CABLE TRAY.
- 5. ARRANGE EQUIPMENT SO THAT ACCESS CLEARANCES INDICATED BY DRAWINGS, REQUIRED BY CODES, OR RECOMMENDED BY MANUFACTURER ARE PROVIDED.
- INSTALL MATERIALS AND SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND ACCEPTED SUBMITTALS. INSTALL MATERIAL IN PROPER RELATION TO ADJACENT CONSTRUCTION AND WITH UNIFORM APPEARANCE FOR EXPOSED WORK.
- 7. THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, DUCTWORK, AND PIPING WILL BE INSTALLED AND REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE MECHANICAL WORK.
- 8. COMPLY WITH WASHINGTON STATE ENERGY CODE SECTION C408.1.3 DOCUMENTATION REQUIREMENTS INCLUDING ALL LOCAL JURISDICTION AMENDMENTS. INCLUDE THE DEVELOPMENT OF CONSTRUCTION AND ASBUILT DRAWINGS, PROJECT MANUALS, AND SYSTEM BALANCING REPORTS.
- 9. PURSUANT TO SECTION C408.1.3 OF THE WASHINGTON STATE ENERGY CODE, THE HVAC CONTROL SYSTEM SHALL BE TESTED TO ENSURE THAT THE CONTROL DEVICES, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED, AND OPERATE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
- 10. THE COMMISSIONING SPECIFICATION, INCLUDING ALL FUNCTIONAL TEST PROCEDURES, SHALL BE PROVIDED AND ENFORCED BY THE CONTRACTOR.
- 11. PROVIDE SEISMIC RESTRAINT IN ACCORDANCE WITH IBC AND ASCE STANDARD 7. SUBMIT CALCULATIONS BY LICENSED STRUCTURAL ENGINEER. PRODUCTS MAY CONFORM TO SMACNA SEISMIC RESTRAINT GUIDELINES.
- 12. PROVIDE A SINGLE SUBMITTAL OF ALL MECHANICAL EQUIPMENT AS SPECIFIED. AS A MINIMUM, SUBMIT PRODUCT DATA FOR ALL EQUIPMENT AND FIXTURES LISTED IN ACCOMPANYING SCHEDULES FOR APPROVAL.
- 13. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- 14. ARRANGEMENT OF SYSTEMS INDICATED ON THE DRAWINGS IS DIAGRAMMATIC, AND INDICATES THE MINIMUM REQUIREMENTS FOR PLUMBING AND MECHANICAL WORK. ADJUST TERMINAL UNIT LOCATIONS, BASED ON FIELD MEASUREMENTS, TO AVOID INSTALLATION ABOVE DESKS. SITE CONDITIONS SHALL DETERMINE THE ACTUAL ARRANGEMENT OF THE WORK. TAKE FIELD MEASUREMENTS BEFORE PREPARING SHOP DRAWINGS, OBTAIN APPROVAL OF SHOP DRAWINGS BEFORE BEGINNING FABRICATION. BE RESPONSIBLE FOR ACCURACY OF DIMENSIONS AND LAYOUT. OVERHEAD PIPING AND DUCTWORK SHALL BE ARRANGED TO OBTAIN MAXIMUM HEAD ROOM.
- 15. CLEAN AND PROTECT WORK FROM DAMAGE. RESTORE DAMAGED FINISHES. COVER ENDS OF PIPING AND DUCTWORK NOT ACTIVELY BEING WORKED ON.
- 16. MODIFY AND EXTEND EXISTING SERVICE TO ACCOMMODATE NEW WORK. RELOCATE EXISTING COMPONENTS AS REQUIRED FOR NEW SYSTEM. COORDINATE WITH BUILDING MANAGEMENT.
- 17. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS, WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- 18. DO NOT CUT STRUCTURAL ELEMENTS WITHOUT PRIOR WRITTEN APPROVAL
- 19. CONCEAL PIPING AND DUCTWORK TO THE GREATEST EXTENT POSSIBLE.
- 20. INSTRUCT OWNER IN PROPER OPERATION OF SYSTEMS.
- 21. DRAWINGS DO NOT SHOW ALL OFFSETS WHICH MAY BE REQUIRED. MAKE OFFSETS WITH FITTINGS USING THE LEAST ANGLE OF OFFSET POSSIBLE. DUCTWORK & PIPING SHALL BE ROUTED TO AVOID ALL STRUCTURAL SUPPORTS, AND COORDINATED WITH WORK OF OTHER TRADES.
- 22. MATERIALS, METHODS, AND INSTALLATION SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE FOLLOWING CODES AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
- 2018 INTERNATIONAL BUILDING CODE (IBC)
- 2018 INTERNATIONAL BUILDING CODE (IBC)
 2018 INTERNATIONAL MECHANICAL CODE (IMC)
- 2018 INTERNATIONAL FIRE CODE
- 2018 WASHINGTON STATE ENERGY CODE (WSEC) WITH LOCAL AMENDMENTS 2019 NFPA 13
- 23. ALL DEVICES THAT UTILIZE ELECTRICITY SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT DISABLING THE FUNCTION OF A FIRE-RESISTANCE-RATED ASSEMBLY OR REMOVING PERMANENT CONSTRUCTION, OTHER APPLIANCES, VENTING SYSTEMS OR ANY OTHER PIPING OR DUCTS NOT CONNECTED TO THE APPLIANCE BEING INSPECTED, SERVICED, REPAIRED OR REPLACED. A LEVEL WORKING SPACE NOT LESS THAN 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE.

24. THE CONTRACTOR SHALL PROVIDE A COMMISSIONING REPORT FOR THE MECHANICAL SYSTEM SHOWING THE INTERIOR SPACE WILL REMAIN BALANCED WITH THE NEW/ADJUSTED DIFFUSERS AND GRILLES.

REMODEL CONSTRUCTION NOTES

- DEMOLITION: WORK REQUIRED IS NOTED ON PLANS. VERIFY WITH ON SITE CONDITION AND OWNER. SALVAGE EQUIPMENT FOR OWNER'S USE AS NOTED.
- 2. COORDINATE INTERRUPTIONS OF SERVICES PASSING THROUGH WORK AREA TO MINIMIZE DISRUPTION IN ADJACENT SPACES. COORDINATE WITH BUILDING OWNER.
- 3. INSTALL NEW WORK GENERALLY AS SHOWN. ADEQUATE SPACE HAS BEEN VERIFIED TO THE DEGREE POSSIBLE, BUT MAY REQUIRE MINOR RELOCATION OF SMALL CONDUIT AND CEILING WIRE. COORDINATE EXTENT OF RELOCATION WITH GENERAL CONSTRUCTION WORK.
- 4. COORDINATE WORK WITH GENERAL CONSTRUCTION TO MINIMIZE DUST & DUST MIGRATION.

ENERGY CODE MECHANICAL NOTES

- HEAT PUMPS HAVING SUPPLEMENTARY ELECTRIC RESISTANCE HEAT SHALL HAVE CONTROLS THAT, EXCEPT DURING DEFROST, PREVENT SUPPLEMENTARY HEAT OPERATION WHEN THE HEAT PUMP CAN MEET THE HEATING LOAD.
- 2. WHERE USED TO CONTROL BOTH HEATING AND COOLING, ZONE THERMOSTATIC CONTROLS SHALL PROVIDE A TEMPERATURE RANGE OR DEADBAND OF AT LEAST 5°F WITHIN WHICH THE SUPPLY OF HEATING AND COOLING ENERGY TO THE ZONE IS CAPABLE OF BEING SHUT OFF OR REDUCED TO A MINIMUM.
- 3. EACH HVAC SYSTEM SHALL HAVE CONTROLS THAT VARY THE START-UP TIME OF THE SYSTEM TO JUST MEET THE TEMPERATURE SET POINT AT TIME OF OCCUPANCY.
- 4. EACH ZONE SHALL BE PROVIDED WITH THERMOSTATIC SETBACK CONTROLS THAT ARE CONTROLLED BY EITHER AN AUTOMATIC TIME CLOCK OR PROGRAMMABLE CONTROL SYSTEM.
- 5. BOTH OUTDOOR AIR SUPPLY AND EXHAUST SHALL BE EQUIPPED WITH NOT LESS THAN CLASS I MOTORIZED DAMPERS.
- 6. WHERE A HUMIDITY CONTROL DEVICE EXISTS IT SHALL BE SET TO MAINTAIN A DEADBAND OF AT LEAST 10% RELATIVE HUMIDITY WHERE NO ACTIVE HUMIDIFICATION OR DEHUMIDIFICATION TAKES PLACE.
- DEMAND CONTROLLED VENTILATION (DCV) SHALL BE INCLUDED FOR SPACES LARGER THAN 500 FT2 FOR SIMPLE SYSTEMS AND SPACES LARGER THAN 150 FT2 FOR MULTIPLE ZONE SYSTEMS.
- 8. ALL LONGITUDINAL AND TRANSVERSE JOINTS, SEAMS AND CONNECTIONS OF LOW-PRESSURE SUPPLY AND RETURN DUCTS SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS (ADHESIVES), MASTIC-PLUS-EMBEDDED-FABRIC SYSTEMS OR TAPES INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

EXCEPTION(S):

- A. CONTINUOUSLY WELDED AND LOCKING-TYPE LONGITUDINAL JOINTS AND SEAMS ON DUCTS OPERATING AT STATIC PRESSURES LESS THAN 2 INCHES W.G. PRESSURE CLASSIFICATION.
- 9. PROVIDE AN OPERATING AND MAINTENANCE MANUAL TO THE BUILDING OWNER.
- 10. ALL EQUIPMENT WITHIN THE SCOPE OF THIS PROJECT ARE EXISTING EQUIPMENT, TO BE RE-BALANCED AS INDICATED ON THE DRAWINGS. EXISTING EQUIPMENT WILL NOT BE RELOCATED OR ALTERED IN ANY WAY.

SHEETMETAL NOTES

- 1. PERFORM ALL SHEETMETAL WORK IN ACCORDANCE WITH CURRENT SMACNA STANDARDS.
- 2. DUCT SEALING SHALL MEET REQUIREMENTS LISTED IN CHAPTER 6 OF IMC AND WASHINGTON STATE ENERGY CODE WITH LOCAL AMENDMENTS. IN ADDITION, PROVIDE SEAL CLASS A FOR ALL DUCTWORK.
- 3. CONSTRUCT DUCTS WITH G-90 OR BETTER GALVANIZED STEEL (ASTM 527) LFQ.
- 4. CONSTRUCT RECTANGULAR DUCTWORK TO MEET ALL FUNCTIONAL CRITERIA DEFINED IN CHAPTER 11, OF THE SMACNA HVAC DUCT CONSTRUCTION STANDARDS. PROVIDE DIAGONAL CREASING OR BEADING ON ALL PANELS WIDER THAN 18-INCHES, AND PANELS LESS THAN 18 GAGE. CONSTRUCT ROUND AND FLAT OVAL DUCTWORK IN ACCORDANCE WITH CHAPTER 3 OF SMACNA HDCS.
- 5. DUCTMATE, METU, OR W.D.C.I. DUCT CONNECTION SYSTEMS ARE ACCEPTABLE. DUCTS CONSTRUCTED USING THESE SYSTEMS WILL REFER TO THE MANUFACTURER'S GUIDELINES FOR SHEET GAGE, INTERMEDIATE REINFORCEMENT SIZE AND SPACING, AND JOINT REINFORCEMENTS.
- 6. PROVIDE COLLARS WHEREVER AN EXPOSED DUCT PASSES THROUGH A WALL, SLAB, OR CEILING:1-INCH WIDE, 18-GAGE ANGLE WITH MITERED CORNERS & SEAL WITH FIBERGLASS AND MASTIC.
- 7. SPIN-IN FITTINGS SHALL BE CONICAL TYPE WITH VOLUME DAMPER, AND QUADRANT; FLEX MASTER ELGEN OR EQUIVALENT.
- 8. ELBOWS IN RECTANGULAR OR SQUARE DUCTWORK SHALL HAVE AN INSIDE RADIUS EQUAL TO DIMENSION OF ELBOW IN THE PLANE OF THE TURN.
- 9. ELBOWS IN ROUND DUCTWORK SHALL HAVE THE INSIDE RADIUS EQUAL TO DIMENSION OF ELBOW IN THE PLANE OF THE TURN. USE SEGMENTED, STANDING SEAM, PLEATED, OR STAMPED ELBOWS. ADJUSTABLE ELBOWS ARE ALLOWED IF RADIUS CONFORMS TO ABOVE.
- 10. SQUARE CORNER INSERTS (TURNING VANES) SHALL BE SMACNA FIG. 4.3 DOUBLE THICKNESS, RUNNER TYPE 2 WITH 2-1/8-INCH SPACING.
- 11. VOLUME DAMPERS ARE NOT SHOWN GENERALLY. INCLUDE A DAMPER IN THE DUCT TO EACH SUPPLY, EXHAUST, OR RETURN OPENING; ALSO IN EACH BRANCH DUCT WHERE THREE OR MORE OPENINGS ARE ASSOCIATED WITH THE BRANCH. LOCATE DAMPERS AT A POINT WHERE THE DUCT IS ACCESSIBLE; AS FAR FROM THE OUTLET AS POSSIBLE. DO NOT PROVIDE VOLUME DAMPER ON SUPPLY DUCTWORK UPSTREAM OF TERMINAL UNITS. DAMPERS SHALL BE RUSKIN MD25 OR MDRS25.
- 12. THOROUGHLY CLEAN ALL DEBRIS FROM THE INSIDE OF ALL DUCTWORK AND PLENUMS.
- 13. MECHANICAL DRAWINGS SHOW APPROXIMATE LOCATIONS FOR GRILLES AND DIFFUSERS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS. AFTER SHOP DRAWINGS ARE COMPLETED VERIFY EXACT LOCATION OF GRILLES AND DIFFUSERS IN THE FIELD. ENSURE THAT DIFFUSER AND GRILLE FRAMES MATCH CEILING TYPES AND FINISH PRIOR TO ORDERING.
- 14. CONNECT FLEXIBLE DUCTS TO METAL DUCTS WITH A SLIP JOINT MADE USING FIRE RESISTANT MASTIC AND CLAMP, IDEAL "SNAP-LOCK" OR VENTLOCK "SURETIGHT NO. 670" AT EACH END. SUPPORT IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS. DO NOT INSTALL WITH ABRUPT BENDS OR OFFSETS. MAXIMUM LENGTH 5-FEET. LOW PRESSURE INSULATED FLEXIBLE DUCT SHALL BE THERMAFLEX MK-E. HIGH PRESSURE INSULATED FLEXIBLE DUCT SHALL BE THERMAFLEX MK-C.

ABBREVIATIONS

COP

CVTR

CWR

CWS

DCVA

DEG

DMPR

EER

ESP

EWT

EXH

EWC

EXIST

FDC

FLR

FLTR

FOB

GALV

GPM

HWR HWS HOT WATER PUMP

HEATING WATER RETURN

HEATING WATER SUPPLY

COEFFICIENT OF PERFORMANCE

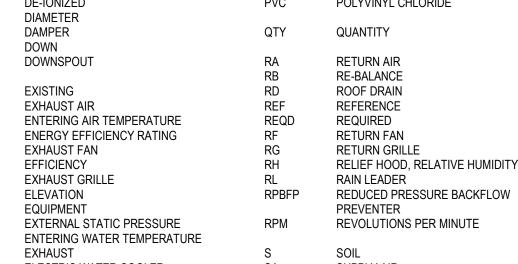
CIRCULATING PUMP

A	AIR, AMP	IDE	DIAMETER, INDIRECT DRAIN
ACU	AIR CONDITIONING UNIT	ΙΕ	INVERT ELEVATION
AFF	ABOVE FINISHED FLOOR	ΪΗ	INTAKE HOOD
AHU	AIR HANDLING UNIT	IN	INCH
AL	ALUMINUM, ACOUSTICAL LINING	INIT	INITIAL
ARRGT	ARRANGEMENT	INT	INTERIOR
ATM	ATMOSPHERE	IPLV	INTEGRATED PART LOAD VALUE
ВС	BLOWER COIL	KW	KILOWATT
BDD	BACKDRAFT DAMPER	KWH	KILOWATT HOURS
BFF	BELOW FINISHED FLOOR		
BFP	BACKFLOW PREVENTER	L	LENGTH
BHP	BRAKE HORSEPOWER	LAT	LEAVING AIR TEMPERATURE
BLDG	BUILDING	LB	POUND, LINEAR BAR
BOB	BOTTOM OF BEAM	LBS	POUNDS
BOD	BOTTOM OF DUCT	LD	LINEAR DIFFUSER
BOS	BOTTOM OF STEEL	LWT	LEAVING WATER TEMPERATURE
BTUH	BRITISH THERMAL UNITS PER HOUR		
		MAX	MAXIMUM
CAP	CAPACITY	MBH	THOUSAND BTU PER HOUR
CC	COOLING COIL	MCA	MINIMUM CIRCUIT AMPACITY
CD	CEILING DIFFUSER	MD	MANUAL DAMPER
CFM	CUBIC FEET PER MINUTE	MECH	MECHANICAL
CHR	CHILLED WATER RETURN	MFR	MANUFACTURER
CHS	CHILLED WATER SUPPLY	MIN	MINIMUM
CI	CAST IRON	MOCP	
CLG	CEILING, COOLING	MOD	MOTOR OPERATED DAMPER
CNTFGL	CENTRIFUGAL	MTR	MOTOR
CO	CLEANOUT		
CONC	CONCRETE	NC	NORMALLY CLOSED
COND	CONDENSATE	NEG	NEGATIVE
CONT	CONTINUE, CONTROL	NIC	NOT IN CONTRACT
COMP	COMPRESSOR	NO	NUMBER, NORMALLY OPEN

OUTDOOR AIR CONDENSATE RETURN UNIT **CONDENSING UNIT** OC ON CENTER CUBIC FEET OUTSIDE DIAMETER OPNG CONSTANT VOLUME OPFNING CONVERTER ORD OVERFLOW ROOF DRAIN COLD WATER ORL OVERFLOW RAIN LEADER CONDENSER WATER RETURN **CONDENSER WATER SUPPLY** PUMP. PLUMBING PRESSURE DROP DECIBELS PHASE DRY BULB POC POINT OF CONNECTION DOUBLE CHECK VALVE ASSEMBLY POS **POSITIVE** PUMPED RETURN DEGREE PRESSURE/TEMPERATURE DRINKING FOUNTAIN PVC DE-IONIZED POLYVINYL CHLORIDE QTY QUANTITY

NTS

NOT TO SCALE

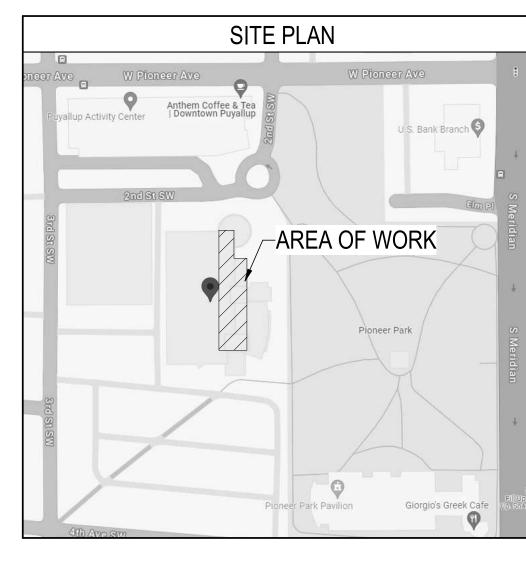


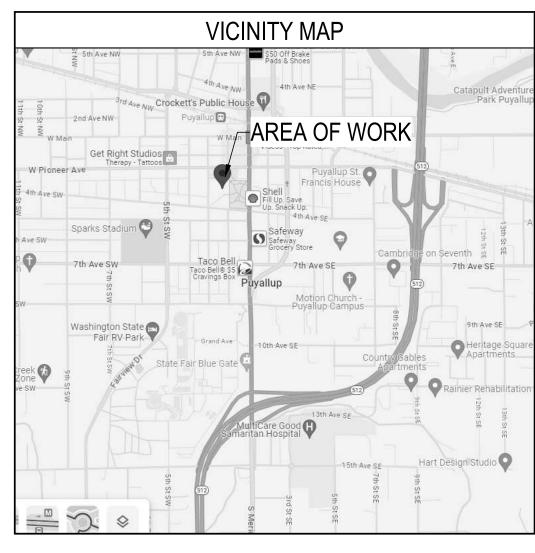
EXHAUST	S	SOIL
ELECTRIC WATER COOLER	SA	SUPPLY AIR
EXISTING	SD	STORM DRAIN, SMOKE DAMPER
EXPANSION	SENS	SENSIBLE
EXTERIOR, EXTERNAL	SEER	SEASONAL ENERGY EFFICIENCY RATIN
	SF	SUPPLY FAN, SQUARE FEET
FAHRENHEIT, FIRE LINE	SG	SUPPLY GRILLE
FIRE DAMPER, FLOOR DRAIN	SL	SOUNDLINING
FIRE DEPARTMENT CONNECTION	SP	STATIC PRESSURE
FULL LOAD AMPS	SPR	SPRINKLER
FLOOR	SS	STAINLESS STEEL, SANITARY SEWER
FILTER	STP	STANDPIPE
FLOW METER		
FLAT ON BOTTOM	T	THERMOSTAT
FLAT OVAL	TEMP	TEMPERATURE
FLAT ON TOP	TG	TRANSFER GRILLE

FILTER	STP STANDPIPE	
FLOW METER		
FLAT ON BOTTOM	T THERMOSTAT	
FLAT OVAL	TEMP TEMPERATURE	
FLAT ON TOP	TG TRANSFER GRILL	.E
FEET PER MINUTE	TOD TOP OF DUCT	
FEET PER SECOND	TOT TOTAL	
FIRE SMOKE DAMPER	TP TRAP PRIMER, TO	OTAL PRESSURE
FEET, FAN TERMINAL	TSP TOTAL STATIC PR	RESSURE
FACE VELOCITY	TU TERMINAL UNIT	
	TYP TYPICAL	
GAGE		
GALLONS	UH UNIT HEATER	
GALVANIZED	UON UNLESS OTHERV	VISE NOTED
GALLONS PER MINUTE		
GALVANIZED	0 0	VISE NOTED

	V	VEINT, VOLT
HUMIDIFIER, HEIGHT	VA	VALVE
HOSE BIBB	VAV	VARIABLE AIR VOLUME
HEATING COIL	VEL	VELOCITY
HEAD	VFD	VARIABLE FREQUENCY DRIVE
HEAT EXCHANGE	VTR	VENT THROUGH ROOF

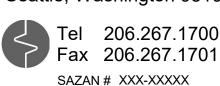
HAND-OFF-AUTOMATIC HORSEPOWER, HEAT PUMP WASTE, WATER, WATT, WIDTH HIGH PRESSURE STEAM WB WET BULB HTG HEATING WG WATER GAGE WATER HEATER, WALL HYDRANT HOT WATER HW WH HWC HOT WATER CIRCULATING WTR WATER





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GENERAL NOTES,
ABBREVIATIONS
AND SHEET INDEX

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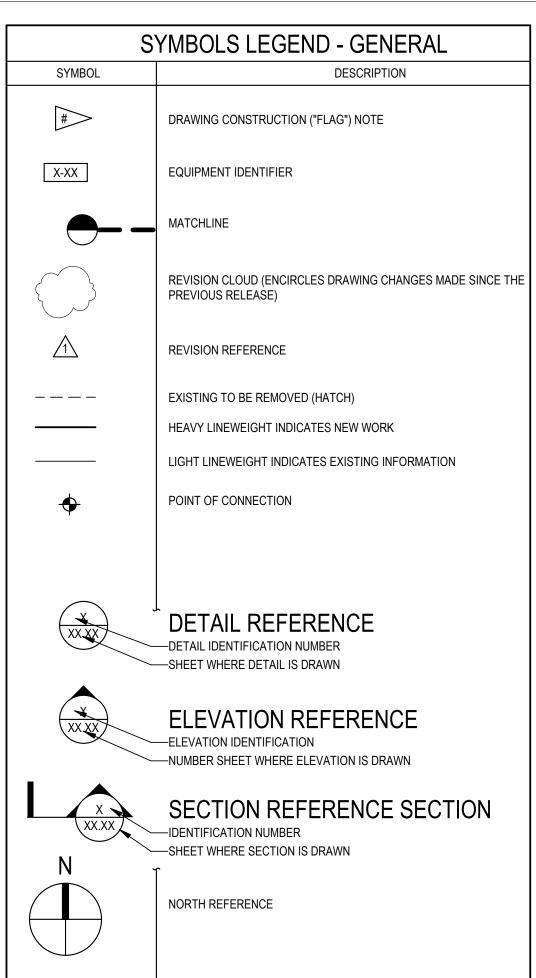
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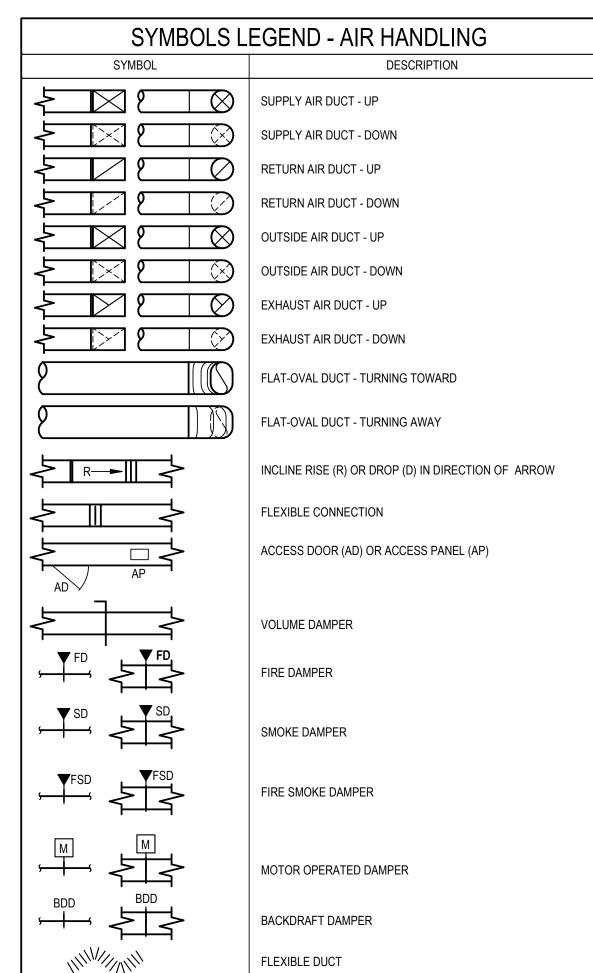
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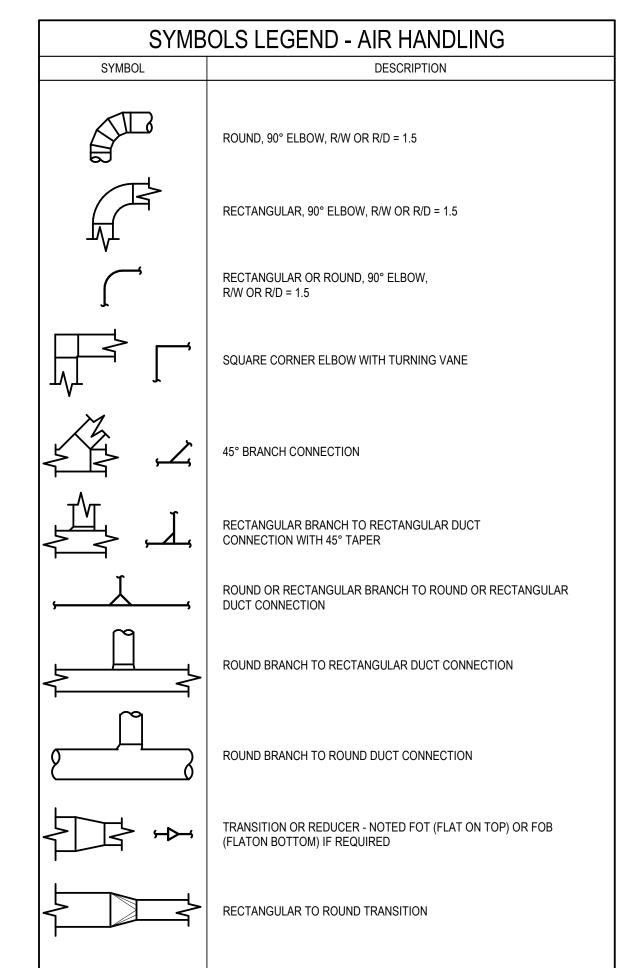
M000 GENERAL NOTES, ABBREVIATIONS AND SHEET INDEX
M001 MECHANICAL LEGEND
M100 SCHEDULES
M201 LEVEL 2 HVAC DEMOLITION PLAN

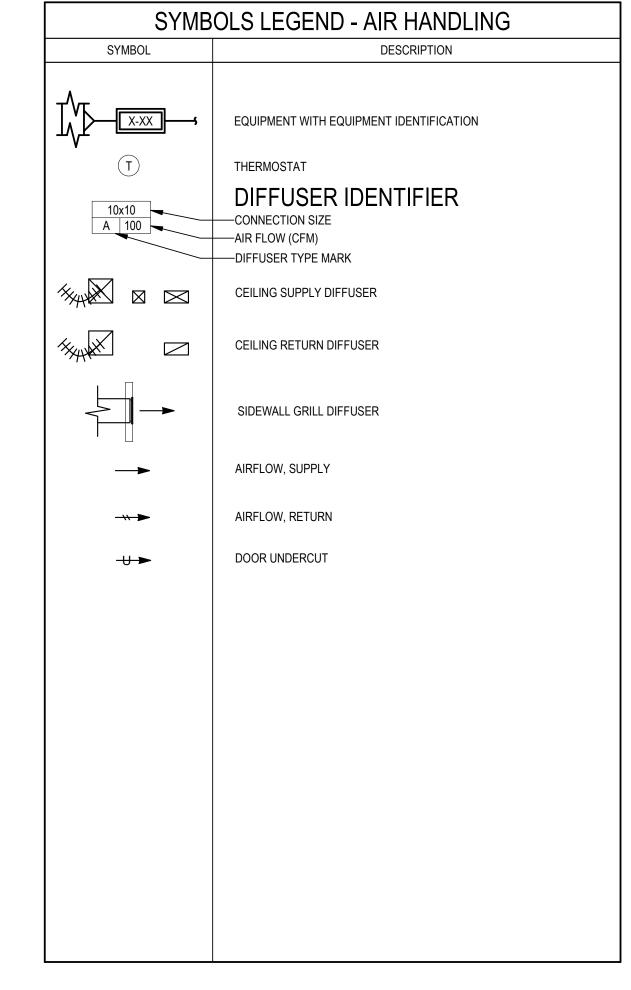
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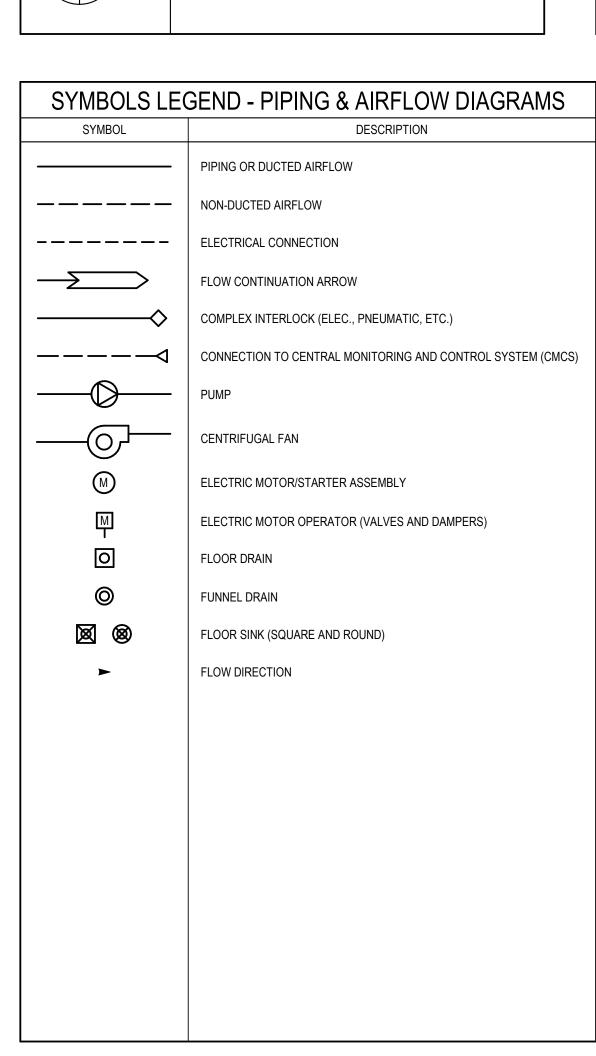
LEVEL 2 HVAC PLAN







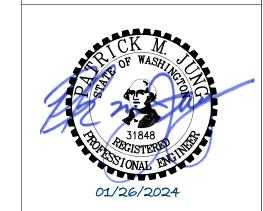






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MECHANICAL LEGEND

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	HYDRONIC HEAT PUMP SCHEDULE														
MARK	ARK UNIT SUPPLY FAN		Y FAN	MOTOR	COOL	ING	HEATING	TING WATER		PIPE	FILTER	DUCT	CONS.	WATER FURNACE	REMARKS
2-6	HORIZ-3	840	0.5"	0.5	31883	24263	24263	8	9	1-1/4"	450	28x17	10x11	EM 036	W/ WATER ECONOMIZER
2-7	HORIZ-2	640	0.5"	0.5	21862	16637	16637	5.5	10	1"	450	28x17	10x11	EM 024	W/ WATER ECONOMIZER
2-10	HORIZ-2	1400	0.5"	1	44636	33968	33968	11.5	10	1-1/4"	583	41x19	14x14	EM 048	W/ WATER ECONOMIZER
2-11	HORIZ-2	1400	0.5"	1	44636	33968	33968	11.5	10	1-1/4"	583	41x19	14x14	EM 048	W/ WATER ECONOMIZER
~2\f2\mathread{72}	HORIZA-	~8Hb~	~%5"\~	~45~	~34883~	~24263 ~	~24263~~	~~	~~	\	450~	~28×47~	~4Qx44~	TEMON TO THE TEMPON THE TEMPON TO THE TEMPON TO THE TEMPON TO THE TEMPON TO THE TEMPON	WHY WATER ECONOMIZER Y
2-16	HORIZ-3	900	0.5"	0.5	31883	24263	24263	8	9	1-1/4"	514	36x12	14x14	EM 036	W/ WATER ECONOMIZER
W	سس	ستس	ست	ست	ست	ستس	ست	سس	سس	ست	ست	ست	ست	mini	

DIFFUSER-GRILLE SCHEDULE

	DIFFUSER-GRILLE SCHEDULE														
				BASIS OF	DESIGN		MANUALIM COLIND DDECOLIDE								
EQUIP. NO		LOCATION	SERVICE	MANUFACTURER	SERIES	DESCRIPTION	MAXIMUM SOUND PRESSURE (dBA)	REMARKS							
	CD-1	CEILING	SUPPLY DIFFUSER	TITUS	MCD	4-WAY ADJUSTABLE, MODULAR CORE DIFFUSER		1,2,3							
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		RETURN GRILLE	~~#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	~~50F~~	THE GEOGRAFE RETURN OR WILE TO THE SECOND OF	m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							
7	RG-2	CEILING	RETURN GRILLE	TITUS	50F	EGGCRATE RETURN GRILLE		1,3,5							
4	REMARKS: VVV														

1. SEE MECHANICAL FLOOR PLANS FOR DUCT SIZE AND CFM

2. STEEL, WHITE, ROUND NECK, SEE MECHANICAL FLOOR PLANS FOR NECK SIZE

3. BORDER TO MATCH CEILING TYPE

5. STEEL, WHITE, CORE ONLY IN ACT, 1/2"X1/2"X1/2" GRID

	VAV DIFFUSER SCHEDULE													
	EQUIP. NO	LOCATION	SERVICE	BASIS OF DE	SIGN	DESCRIPTION	SIZE WXL	INLET SIZE	AIRFLOW MIN	AIRFLOW	MIN INLET SP	MAX INLET SP (IN WG)	MAXIMUM SOUND	REMARKS
		LOCATION	SERVICE	MANUFACTURER	SERIES	DESCRIPTION	(INxIN)	(IN)	(CFM)	MAX (CFM)	(IN WG)			KLIVIAKKO
	CD-2	CEILING	SUPPLY DIFF.	THERMAFUSER	TF-HC	VAV DIFFUSER	24x24	6/8/10	45	250	0.05	0.25	<15 - 34 NC	1,2

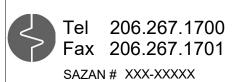
REMARKS:

1. BORDER FOR HARD CEILINGS, STEEL, WHITE FINISH

2. INTEGRAL THERMOSTAT

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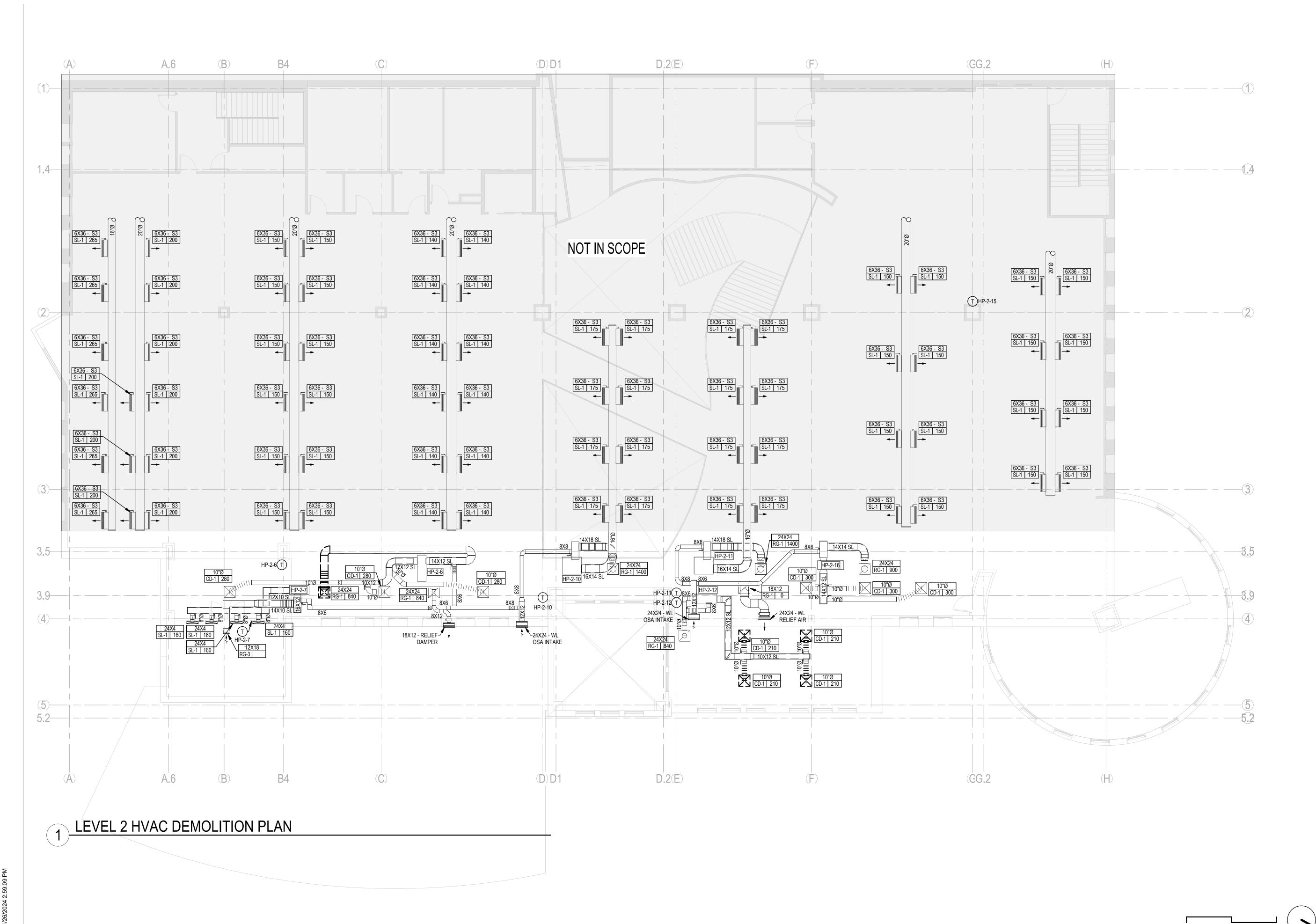
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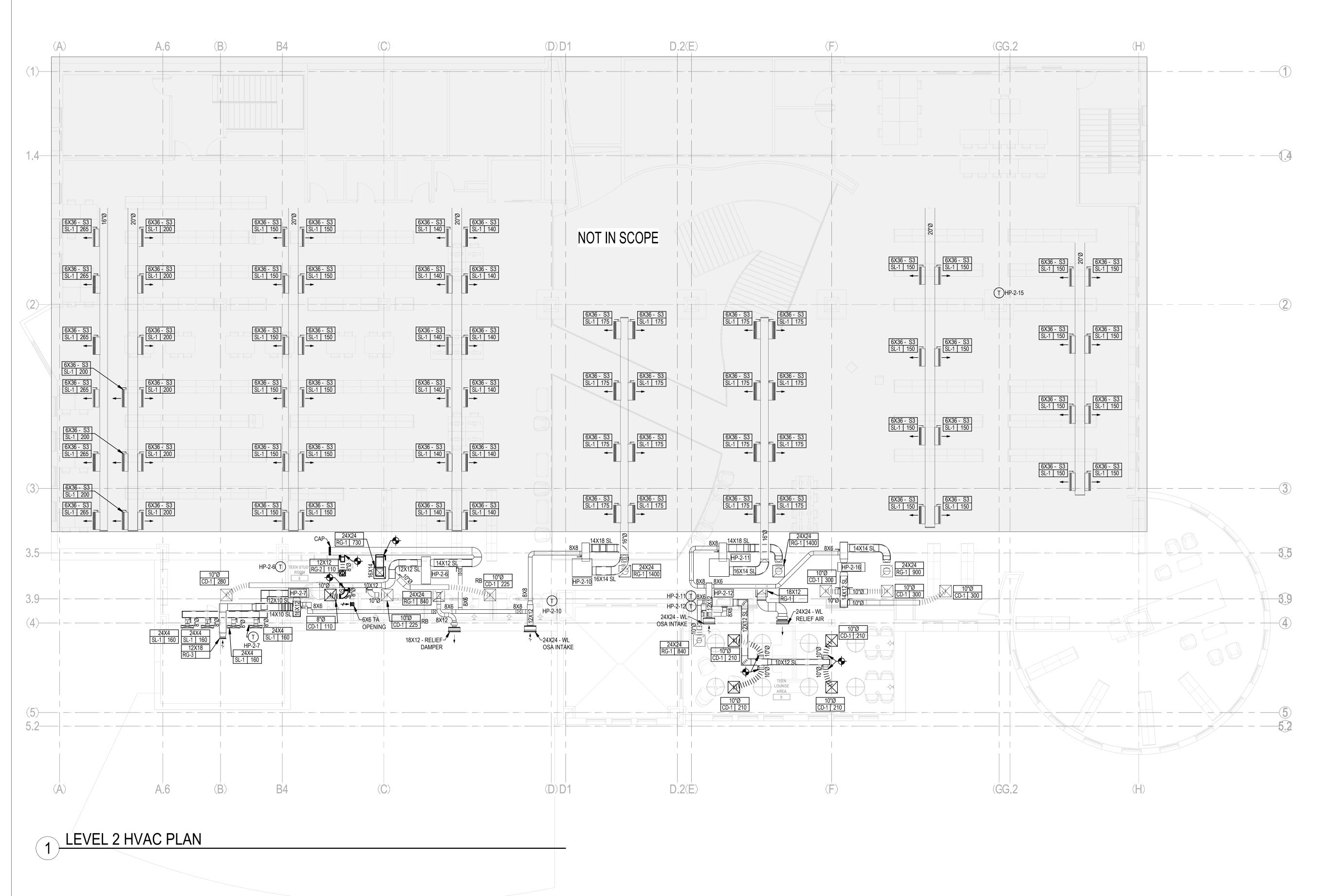
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SHEET TITLE

LEVEL 2 HVAC **DEMOLITION PLAN** 

SHEET NO.

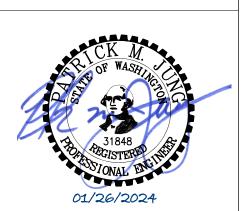




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LEVEL 2 HVAC PLAN

SHEET NO.



# **DEMOLITION NOTES**

- A. THE EXISTING CONDITIONS SHOWN WERE TAKEN FROM AVAILABLE RECORD INFORMATION. FIELD VERIFY ALL CONDITIONS THAT MAY AFFECT CONSTRUCTION. IF ANY DISCREPANCIES ARE DISCOVERED, NOTIFY THE ENGINEER IN WRITING AND REQUEST DIRECTION PRIOR TO COMMENCING WORK.
- B. EXISTING LIGHT FIXTURES SHALL BE CAREFULLY REMOVED (DO NOT DAMAGE) AND RETURNED TO THE OWNER.
- C. ANY AND ALL EQUIPMENT HAVING ELECTRICAL CONNECTIONS THAT REQUIRE DISCONNECTING AND/OR RECONNECTING AS A RESULT OF CONSTRUCTION SHALL BE INCLUDED AS A PART OF THIS CONTRACT.
- D. THE EXISTING ELECTRICAL DEVICES, CONDUIT, AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION SHALL BE RELOCATED UNLESS OTHERWISE NOTED. LOCATION IS TO BE AS CLOSE AS POSSIBLE TO THE ORIGINAL LOCATION.
- E. ALL CIRCUITS, CONDUIT AND WIRE THAT ARE NOT TO REMAIN IN SERVICE SHALL BE REMOVED BACK TO THE FIRST ACCESSIBLE JUNCTION BOX WHERE IT SHALL BE TIED OFF AND LABELED AS SPARE WITH CIRCUIT NUMBER INDICATED.
- F. REMOVE ALL ABANDONED WIRE AND CABLING.

## GENERAL NOTES

- 1. SYMBOLS LEGENDS ARE PROVIDED FOR REFERENCE PURPOSES ONLY. THE SYMBOLS REPRESENT THE TYPE OF DEVICES THAT MAY BE REQUIRED IN THE WORK; QUANTITIES AND LOCATIONS ARE AS SHOWN ON THE PLAN SHEETS.
- 2. PROVIDE 3/4" CONDUIT & #12 CONDUCTORS UNLESS NOTED OTHERWISE. PROVIDE ONE NEUTRAL CONDUCTOR FOR EACH UNGROUNDED CONDUCTOR OF SINGLE PHASE LINE-NEUTRAL BRANCH CIRCUITS. DO NOT SHARE NEUTRAL CONDUCTORS.
- 3. EACH FEEDER AND BRANCH CIRCUIT CONDUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH NFPA 70, ARTICLE 250.
- 4. ALL ELECTRICAL EQUIPMENT IN PORTIONS OF THE BUILDING NOT BEING REMODELED SHALL BE LEFT IN WORKING CONDITION. RESTORE ANY CIRCUITS INTERRUPTED.
- 5. ALL NEW LIGHT FIXTURES AND FIXTURES IN AREAS ADJACENT DEMOLITION & CONSTRUCTION AREAS ARE TO BE THOROUGHLY CLEANED IMMEDIATELY PRIOR TO NOTICE OF SUBSTANTIAL COMPLETION.
- 6. THE FOLLOWING IS PART OF THIS PROJECT AND ALL COSTS PERTAINING THERETO SHALL BE INCLUDED IN THE BASE BID:
- A. NEW ELECTRICAL EQUIPMENT AND APPARATUS SHALL BE COORDINATED AND CONNECTED INTO THE EXISTING SYSTEM AS REQUIRED.
- B. POWER WIRING AND CABLE INSTALLATIONS SHALL BE CONCEALED ABOVE ACCESSIBLE CEILINGS AND IN WALLS. EXPOSED WIRING SHALL BE INSTALLED IN APPROVED SURFACE METAL RACEWAY WHERE INDICATED.
- C. WHERE EXISTING CONDUITS ARE INDICATED FOR REUSE, FIELD VERIFY INTEGRITY OF REUSED RACEWAYS PRIOR TO INSTALLATION OF CONDUCTORS. PROVIDE NEW RACEWAYS WHERE EXISTING ARE UNUSABLE.
- D. LOCATIONS OF ALL WALL MOUNTED DEVICES SUCH AS SWITCHES, RECEPTACLES, AND OUTLETS ARE SHOWN DIAGRAMMATICALLY. DETERMINE EXACT DEVICE LOCATIONS IN FIELD; COORDINATE INSTALLATIONS WITH FIXED CASEWORK, DOORS AND RELITES.
- E. PROVIDE PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS AS REQUIRED. PROVIDE SUITABLE FIRE RATED MATERIALS AND SEAL ALL CEILING, FLOOR, AND WALL PENETRATIONS TO MATCH FIRE RATING OF SURFACES PENETRATED.

# LIGHTING AND RECEPTACLE NOTES

- LIGHTING SYSTEMS SHALL BE PROVIDED WITH CONTROLS AS ZONED ON THE LIGHTING PLANS. SWITCHING AND DIMMING ZONES ARE INDICATED ADJACENT TO EACH FIXTURE.
- 2. MANUAL CONTROLS SHALL ALLOW OCCUPANTS TO UNIFORMLY REDUCE ILLUMINATION LEVELS AT LEAST 50%. EXCEPTION: CORRIDORS, RESTROOMS, LOBBIES, MECHANICAL, ELECTRICAL, AND INFORMATION TECHNOLOGY (IDF) ROOMS CONTROLLED BY OCCUPANCY SENSORS.
- 3. EACH AREA THAT IS REQUIRED TO HAVE A MANUAL CONTROL SHALL ALSO HAVE AUTOMATIC TIME SWITCH CONTROL. PROVIDE TIMED OVERRIDE SWITCHES THAT WILL SERVE A MAXIMUM AREA OF 2500 SF IN LOCATIONS SHOWN ON PLANS. EXCEPTIONS:
- A. EMERGENCY EGRESS LIGHTING CONTROLLED BY OCCUPANCY SENSORS.
  B. LIGHTING IN SPACES CONTROLLED BY OCCUPANCY SENSORS.
- 4. LUMINAIRES PROVIDING MEANS OF EGRESS ILLUMINATION AND HAVING BOTH NORMAL AND EMERGENCY POWER SOURCES SHALL BE CONTROLLED BY A COMBINATION OF U.L. 924 LISTED EMERGENCY RELAYS AND OCCUPANCY SENSORS THAT ENABLES THE LIGHTING TO BE SHUT OFF WHEN THE AREAS SERVED ARE UNOCCUPIED AND AUTOMATICALLY ILLUMINATES IN THE EVENT OF NORMAL POWER SOURCE FAILURE.
- 5. THE MAXIMUM LIGHTING POWER THAT MAY BE CONTROLLED FROM A SINGLE SWITCH OR AUTOMATIC CONTROL SHALL NOT EXCEED THAT WHICH IS PROVIDED BY A 20 AMPERE CIRCUIT LOADED TO NOT MORE THAN 80
- 6. PROVIDE FUNCTIONAL TESTING OF AUTOMATIC LIGHTING CONTROLS. SUBMIT WRITTEN PROCEDURES FOR FUNCTIONAL TESTING OF ALL AUTOMATIC CONTROLS WITH DESCRIPTION OF THE EXPECTED SYSTEM RESPONSE

### **ABBREVIATIONS**

<u>ABBRE</u>	<u>EVIATIONS</u>		
@ A/C A (AMP)	AT AIR CONDITIONING(ER) AMPERE	MAG MAN MAT	MAGNETIC MANUAL MATERIAL
AC ADJ	ABOVE COUNTER, ALTERNATING CURRENT ADJUSTABLE	MAX MCA MCB	MAXIMUM MINIMUM CIRCUIT AMPACITY MAIN CIRCUIT BREAKER
ADJT	ADJACENT	MECH	MECHANICAL
AFF AHJ	ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION	MEZZ MG	MEZZANINE MOTOR GENERATOR
AIC ALT	AMPERE INTERRUPTING CAPACITY ALTERNATE	MIN MISC	MINIMUM MISCELLANEOUS
ANN	ANNUNCIATOR	MLO	MAIN LUG ONLY
ARCH ATS	ARCHITECT; ARCHITECTURAL AUTOMATIC TRANSFER SWITCH	MOCP	MAXIMUM OVERCURRENT PROTECTION
AUTO	AUTOMATIC	MS	MAGNETIC STARTER
AUX AWG	AUXILIARY AMERICAN WIRE GAUGE	MTD MTG	MOUNTED MOUNTING
BKBD	BACKBOARD	MTR	MOTOR
BKR BLDG	BREAKER BUILDING	N N/A	NORTH; NEUTRAL NOT APPLICABLE
		NC	NORMALLY CLOSED
C CAP	CONDUIT CAPACITY	NEC NEMA	NATIONAL ELECTRICAL CODE NATIONAL ELECTRICAL
CB CKT	CIRCUIT BREAKER		MANUFACTURERS ASSOCIATION NATIONAL ELECTRICAL SAFETY CODE
CLG	CIRCUIT CEILING	NESC NEUT	NEUTRAL
CLR COL	CLEAR COLUMN	NFPA NIC	NATIONAL FIRE PROTECTION ASSOC. NOT IN CONTRACT
COM	COMMUNICATION	NO	NORMALLY OPEN
CPS CT	CYCLES PER SECOND CURRENT TRANSFORMER	NTS	NOT TO SCALE
CTL CU	CONTROL COPPER	OC OFCI	ON CENTER OWNER FURNISHED CONTRACTOR
DC		OFOI	INSTALLED OWNER FURNISHED OWNER
DISC SW	DIRECT CURRENT DISCONNECT SWITCH	OL	INSTALLED OVERLOAD
DISC DN	DISCONNECT DOWN	OS	OPTIONAL STANDBY
DWG	DRAWING	P PA	PRIMARY PUBLIC ADDRESS
E	EXIST, EAST	PAR	PARALLEL
EDH EF	ELECTRIC DUCT HEATER EXHAUST FAN	PB PE	PULL BOX PHOTO ELECTRIC
EGC EL	EQUIPMENT GROUNDING CONDUCTOR ELEVATION	PF PH	POWER FACTOR PHASE
ELEC	ELECTRIC(AL)	PIV	POST INDICATOR VALVE
ELEV EM	ELEVATOR EMERGENCY	PNL POC	PANEL POINT OF CONNECTION
EMT ENCL	ELECTRICAL METALLIC TUBING	PWR PDZ	POWER PRIMARY DAYLIGHT ZONE
ENTR	EMERGENCY ELECTRICAL METALLIC TUBING ENCLOSURE ENTRANCE EXTRACE		
EPO	EMERGENCY POWER OFF	QTY	QUANTITY
EQUIP/EQP EWC	EQUIPMENT ELECTRIC WATER COOLER	R (R) RAD	RELOCATE (D) RADIUS
EWH	ELECTRIC WATER HEATER	RECPT	RECEPTACLE
	EXHAUST EXTERIOR	REF RLA	REFRIGERATOR RATED LOAD AMPS
EXIST	EXISTING	RPM	REVOLUTIONS PER MINUTE
F FA	FAHRENHEIT/FUSE FIRE ALARM	S SC	SOUTH SECURITY
FAA	FIRE ALARM ANNUNCIATOR	SD	SMOKE DETECTOR
FAP FC	FIRE ALARM PANEL FOOTCANDLE	SECT SF	SECTION SUPPLY FAN
FCU FD	FAN COIL UNIT FIRE DAMPER	SHT SPEC	SHEET SPECIFICATION
FDR	FEEDER	SPL	SPECIAL
FIXT FLA	FIXTURE FULL LOAD AMPS	SQ STOR	SQUARE STORAGE
FSD	FIRE/SMOKE DAMPER	SPD SW	SURGE PROTECTION DEVICE SWITCH
GEC	GROUNDING ELECTRODE CONDUCTOR	SWBD	SWITCHBOARD
GEN GFI	GENERATOR GROUND FAULT CIRCUIT INTERRUPTER	SYM SYS	SYMMETRICAL SYSTEM
GFR	GROUND FAULT RELAY	Т	THERMOSTAT
H HOA	HEIGHT HAND OFF AUTOMATIC	TB TC	TERMINAL BOX TIME CLOCK
HOR	HORIZONTAL	TEL	TELEPHONE
HP HR	HORSEPOWER HOUR	TV TYP	TELEVISION TYPICAL
HT HW	HEIGHT HOT WATER	UFC	UNIFORM FIRE CODE
HZ	HERTZ	UG	UNDERGROUND
IBC	INTERNATIONAL BUILDING CODE	UH UL	UNIT HEATER UNDERWRITERS LABORATORIES
IC	INTERCOM	UON UV	UNLESS OTHERWISE NOTED
IES IEEE	ILLUMINATING ENGINEERING SOCIETY INSTITUTE OF ELECTRICAL AND ELECTRONIC		UNIT VENTILATOR
IG	ENGINEERS ISOLATED GROUND	V VAV	VOLT VARIABLE AIR VOLUME
IMC	INTERMEDIATE METAL CONDUIT	VEL VM	VELOCITY VOLTMETER
INI		VIVI	
IN	INCH	VOL	VOLUME
IN JB			VOLUME WATT, WEST
JB KCMIL	INCH JUNCTION BOX THOUSAND CIRCULAR MILLS	VOL W W/	WATT, WEST WITH
JB KCMIL KVA KVAR	JUNCTION BOX  THOUSAND CIRCULAR MILLS KILOVOLT AMPERES KILOVOLT AMPERES REACTIVE	VOL W W/ W/O WH	WATT, WEST WITH WITHOUT WATER HEATER
JB KCMIL KVA	JUNCTION BOX THOUSAND CIRCULAR MILLS KILOVOLT AMPERES	VOL W W/ W/O	WATT, WEST WITH WITHOUT
JB KCMIL KVA KVAR KW KWH	INCH JUNCTION BOX THOUSAND CIRCULAR MILLS KILOVOLT AMPERES KILOVOLT AMPERES REACTIVE KILOWATT KILOWATT HOUR	VOL W W/ W/O WH WHM WP	WATT, WEST WITH WITHOUT WATER HEATER WATTHOUR METER WEATHERPROOF
JB KCMIL KVA KVAR KW KWH LBS LF	INCH  JUNCTION BOX  THOUSAND CIRCULAR MILLS KILOVOLT AMPERES KILOVOLT AMPERES REACTIVE KILOWATT KILOWATT HOUR  POUNDS LINEAR FEET (FEET)	VOL W W/ W/O WH WHM WP X XFMR	WATT, WEST WITH WITHOUT WATER HEATER WATTHOUR METER WEATHERPROOF REACTANCE TRANSFORMER
JB KCMIL KVA KVAR KW KWH LBS LF LRA LS	INCH  JUNCTION BOX  THOUSAND CIRCULAR MILLS KILOVOLT AMPERES KILOVOLT AMPERES REACTIVE KILOWATT KILOWATT HOUR  POUNDS LINEAR FEET (FEET) LOCKED ROTOR AMPS LIFE SAFETY	VOL W W/ W/O WH WHM WP X XFMR XMTR	WATT, WEST WITH WITHOUT WATER HEATER WATTHOUR METER WEATHERPROOF  REACTANCE TRANSFORMER TRANSMITTER
JB KCMIL KVA KVAR KW KWH LBS LF LRA	INCH  JUNCTION BOX  THOUSAND CIRCULAR MILLS KILOVOLT AMPERES KILOVOLT AMPERES REACTIVE KILOWATT KILOWATT HOUR  POUNDS LINEAR FEET (FEET) LOCKED ROTOR AMPS	VOL W W/ W/O WH WHM WP X XFMR	WATT, WEST WITH WITHOUT WATER HEATER WATTHOUR METER WEATHERPROOF REACTANCE TRANSFORMER
JB KCMIL KVA KVAR KW KWH LBS LF LRA LS LT	JUNCTION BOX  THOUSAND CIRCULAR MILLS KILOVOLT AMPERES KILOVOLT AMPERES REACTIVE KILOWATT KILOWATT HOUR  POUNDS LINEAR FEET (FEET) LOCKED ROTOR AMPS LIFE SAFETY LIGHT	VOL W W/ W/O WH WHM WP X XFMR XMTR	WATT, WEST WITH WITHOUT WATER HEATER WATTHOUR METER WEATHERPROOF  REACTANCE TRANSFORMER TRANSMITTER

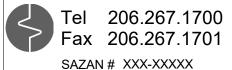
Separate Electrical Permit is required with the Washington State Department of Labor & Industries.

https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection-inspection

https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections or call for Licensing Information: 1-800-647-0982

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Development & Permitting Services
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Building Planning
Engineering Public Works
Fire Traffic

GENERAL NOTES,
ABBREVIATIONS
AND SHEET INDEX

SHEET NO.

**ELECTRICAL SHEET INDEX** 

E000 GENERAL NOTES, ABBREVIATIONS AND SHEET INDEX

E201 LEVEL 2 ELECTRICAL DEMOLITION PLAN

LEVEL 2 LIGHTING DEMOLITION PLAN

E001 ELECTRICAL LEGEND
E002 LUMINAIRE SCHEDULE

E202 LEVEL 2 ELECTRICAL PLAN

E700 ELECTRICAL PANEL SCHEDULES

E302 LEVEL 2 LIGHTING PLAN

E000

PRCTI20240158

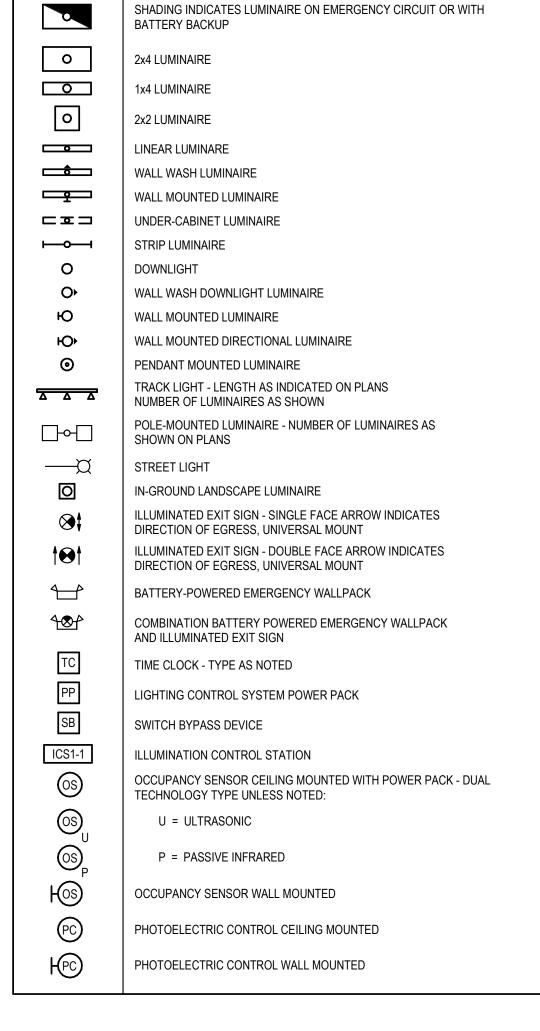
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CVM	IDOLO LECEND COMMUNICATIONS
	IBOLS LEGEND - COMMUNICATIONS
SYMBOL	DESCRIPTION
<b>#</b>	WALL MOUNTED DATA DEVICE. MOUNT AT 18" AFF UNLESS OTHERWISE NOTED. NUMBER INDICATES QUANTITY OF PORTS.
Á#	MUD RING TO ACCOMMODATE PASS THROUGH FOR AUDIOVISUAL CABLING. MOUNT AT 18" AFF UNLESS OTHERWISE NOTED. NUMBER INDICATES NUMBER OF GANG SPACES.
lacksquare	CEILING MOUNTED DATA DEVICE. COORDINATE WITH ARCHITECTURAL CEILING PLANS FOR MOUNTING HEIGHTS UNLESS OTHERWISE NOTED. NUMBER INDICATES QUANTITY OF PORTS.
AP	WIRELESS ACCESS POINT LOCATION. PROVIDE CABLING IN THE QUANTITY INDICATED WITH 10'-0" SERVICE LOOP IN ACCESSIBLE CEILING SPACE.
₩ VP	VIDEO PROJECTOR LOCATION. PROVIDE CABLING IN THE QUANTITY INDICATED WITH 10'-0" SERVICE LOOP IN ACCESSIBLE CEILING SPACE.
<b>□</b> (#) AP	DATA DEVICE MOUNTED IN FLOOR BOX. NUMBER INDICATES QUANTITY OF PORTS. FLOOR BOX PROVIDED BY ELECTRICAL CONTRACTOR. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
<b>©</b>	DATA DEVICE MOUNTED IN POKE-THRU. NUMBER INDICATES QUANTITY OF PORTS. POKE-THRU PROVIDED BY ELECTRICAL CONTRACTOR. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
<b>⊠</b> <#	FLOOR SURFACE MOUNTED DATA DEVICE. NUMBER INDICATES QUANTITY OF PORTS.
#	DATA DEVICE MOUNTED POWER/COMM POLE. NUMBER INDICATES QUANTITY OF PORTS. POWER/COMM POLE PROVIDED BY ELECTRICAL CONTRACTOR. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

S	SYMBOLS LEGEND - GROUNDING											
SYMBOL	DESCRIPTION											
	GROUND CONNECTION GROUND ROD GROUND WELL AIR TERMINAL											

	SYMBOLS LEGEND - FIRE ALARM
YMBOL	DESCRIPTION
ESR FS	FIRE ALARM SYSTEM CONTROL PANEL  ESR - ELEVATOR STATUS/RECALL  FAC - FIRE ALARM COMMUNICATOR  FACP - FIRE ALARM CONTROL PANEL  FAA OR FARA - FIRE ALARM ANNUNCIATOR  HVA - HVAC OR EXHAUST STAIRWELL PRESSURIZATION  LCD - FIRE ALARM LCD ANNUNCIATOR  FIRE ALARM FLOW SWITCH
PS	HI/LO AIR PRESSURE SWITCH
DH	HI/LO AIR PRESSURE SWITCH
VS	VALVE SUPERVISORY SWITCH
(PIV)	POST INDICATOR VALVE SUPERVISORY SWITCH
Ē	FIRE ALARM PULL STATION
- <b>●</b> SD	FIRE/SMOKE DAMPER
—(SD)	SMOKE DAMPER
F⊲	FIRE ALARM HORN ONLY
∑d XX	FIRE ALARM HORN STROBE, XX = CANDELA RATING
S	FIRE ALARM SPEAKER ONLY
<b>⊠</b> ◀ XX	FIRE ALARM SPEAKER STROBE, XX = CANDELA RATING
⊢∞′ _{XX}	FIRE ALARM STROBE ONLY - WALL, XX = CANDELA RATING
×XX	FIRE ALARM STROBE ONLY - CEILING, XX = CANDELA RATING
JF p	FIRE ALARM BELL
3	FIRE FIGHTER PHONE JACK
<b>(</b>	HEAT DETECTOR, RATE OF RISE AND FIXED TEMPERATURE UON F - FIXED TEMPERATURE R - RATE OF RISE ONLY R/C - RATE COMPENSATION
<b>(</b> S <b>)</b>	SMOKE DETECTOR, PHOTOELECTRIC UON BT - BEAM TRANSMITTER BR - BEAM RECEIVER I - IONIZATION
(S)	FIRE ALARM DUCT SMOKE DETECTOR WITH SAMPLING TUBE
$\bigcirc$	FLAME DETECTOR
<b>O</b>	GAS DETECTOR
AIM	ADDRESSABLE INPUT MODULE
AOM>	ADDRESSABLE OUTPUT MODULE
ISO>	ISOLATION MODULE
$\overline{\otimes}$	FIRE ALARM EQUIPMENT CONNECTION
R	RELAY BLOCK



SYMBOLS LEGEND - LIGHTING

Z-XXX-1 ——SWITCH DESIGNATION - MIDDLE DIGITS REFER TO

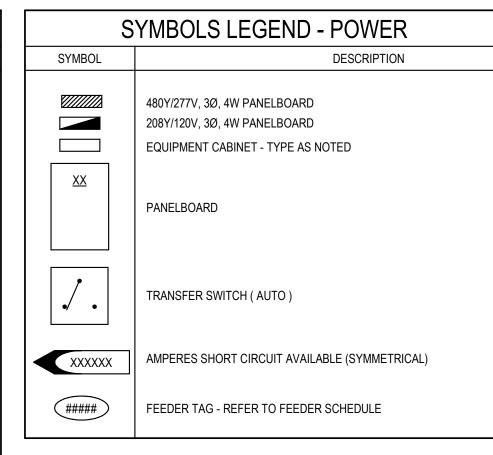
ROOM NUMBER - END DIGITS REFER TO SWITCH LEG

A - 1 PANEL NAME - CIRCUIT NUMBER

INFORMATION. EX: RL1 / A-1 / a / NL

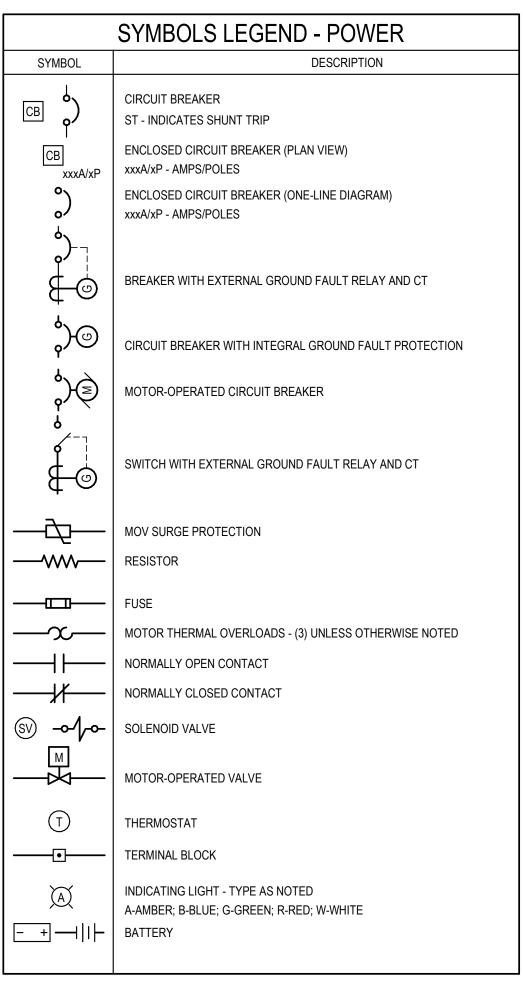
* IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS

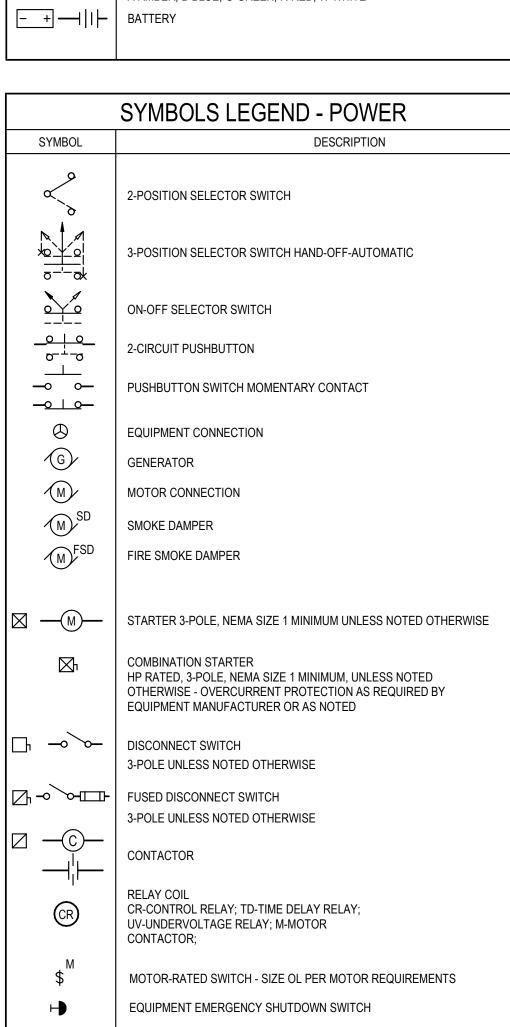
	VAADOLO LEOEND. NUIDOE OALL
S	YMBOLS LEGEND - NURSE CALL
SYMBOL	DESCRIPTION
NCCP	NURSE CALL CONTROL EQUIPMENT PANEL
NCMA	NURSE CALL MASTER STATION - AUDIO
NCMN	NURSE CALL MASTER STATION - NON AUDIO
② ₁	ZONE DOME LIGHT, CEILING MOUNTED (NUMBER DENOTES ZONE)
Φ΄	DOME LIGHT, CEILING MOUNTED
ф	DOME LIGHT, WALL MOUNTED
更	MEDICAL EMERGENCY STATION (MES)
更 _{CB}	CODE BLUE STATION
里	DUTY STATION
S	STAFF STATION
모	IN/OUT PUSH BUTTON
⊢■	TOILET PULL STATION
⊢ <b>=</b> WP	SHOWER PULL STATION
⊢ <b>-</b> A	NURSE CALL ANNUNCIATOR
⊢•	SINGLE PATIENT STATION (PS)
⊢●MES	SINGLE PATIENT STATION (PS) WITH EMERGENCY CALL BUTTON
₩●	DUAL PATIENT STATION (PS)
HI●MES	DUAL PATIENT STATION (PS) WITH EMERGENCY CALL BUTTON

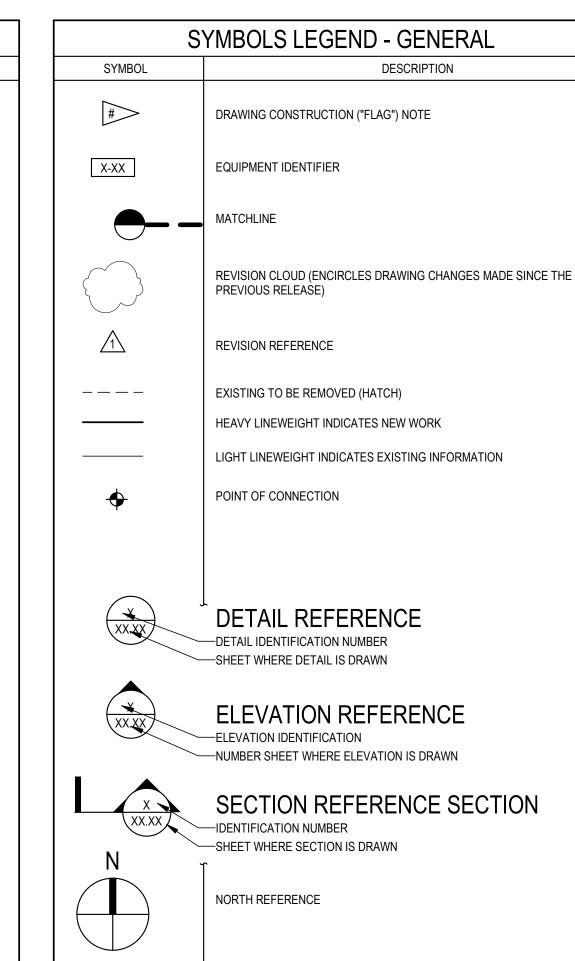


SYMBOLS LEGEND - POWER

SYMBOL	DESCRIPTION
	TRANSFORMER
<b>○</b> ◀ <u></u> <u></u> <u></u> <u></u> <u> </u>	POLE-MOUNTED TRANSFORMER
0	POLE
Δ	DELTA
<u></u>	WYE
<b>—</b>	MEDIUM VOLTAGE CABLE TERMINATOR
<b>→ →</b>	LIGHTNING ARRESTORS
<b> </b> (	SURGE ARRESTORS
<b></b> ₩₩- II	NEUTRAL GROUNDING RESISTOR
M	METER
MM	MICROPROCESSOR CONTROLLED MONITOR REFER TO SPECIFICATIONS FOR METERING VALUES AND PROTECTIVE FUNCTIONS
\$	CURRENT TRANSFORMER
$\rightarrow$	POTENTIAL TRANSFORMER
AM	INDICATING INSTRUMENT AM-AMMETER; VM-VOLTMETER; FM-FREQUENCY METER; kVAR-KILOVAR METER; kWH-KILOWATT HOUR METER; kWH/D-KILOWATT HOUR DEMAND METER
AS	INSTRUMENT SWITCH AS-AMMETER SWITCH; VS-VOLTMETER SWITCH; SS-SYNCHRONIZING SWITCH; SV-SUPERVISORY (LOCAL-REMOTE) SWITCH
	SEPARABLE CONNECTOR
<b>←</b> 52 <b>→</b> >	DRAWOUT AC TYPE POWER CIRCUIT BREAKER









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SHEET TITLE

**ELECTRICAL** LEGEND

SHEET NO.

PRCTI20240158

### LUMINAIRE SCHEDULE

GENERAL NOTES

Provide all mounting hardware, power feeds, accessories, and components as required for a complete operating installation.

Provide run lengths as shown on plans.

Provide all options and elements indicated in schedule. If not part of manufacturer's standard options or offerings, provide modifications as necessary to furnish luminaire with characteristics indicated on schedule.

Verify voltages and control requirements with electrical engineer.

Drivers shall be provided in size and quantity as required to accommodate specified load and dimming type.

Unless otherwise noted, locate drivers in accessible location within manufacturer's recommended distance. Confirm locations with Architect and Lighting Designer prior to installation.

Provide cord and/or cable lengths for pendant mounted luminaires as required to suspend luminaires at mounting heights noted on Luminaire Schedule or in Architect's documentation, whichever requires longest suspension.

### ABBREVIATIONS

LF - linear foot/feet

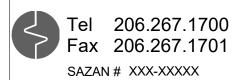
TBD - to be determined UNV - universal voltage

V - volt

			FIXTURE CH	ARACTERISTICS			LEDL	IGHT SOUR	CE		EL	ECTRICAL		NOTES	
TYPE	MANUFACTURER/ SERIES	DESCRIPTION	LOCATION	MOUNTING	OPTICS/ SHIELDING	FINISH	OUTPUT (LUMENS)	CCT (KELVIN)	CRI	WATTS	VOLTAGE	CONTROL	POWER SUPPLY	- NOTES	
CP1	LUXXBOX HEMMI	36" DIAMETER DECORATIVE ACOUSTIC DOME SHAPED PENDANT	TEEN LOUNGE AREA, ENCLOSED STUDY	SUSPENDED - CABLE	ACRYLIC LENS	SHADE , CANOPY, AND CORD COLOR BY ARCHITECT	5133	3000	90+	59 W	UNV	0-10V 1% DIMMING	INTEGRAL	BOTTOM OF LUMINAIRE TO BE MOUNTED AT 9'0"ABOVE FINISHED FLOOR.	
DP1	COOPER, PORTFOLIO	2" DIAMETER CYLINDER DOWNLIGHT	ENCLOSED STUDY	SUSPENDED - CABLE	NARROW FLOOD 25 DEGREE BEAM	TO BE SELECTED BY ARCHITECT	500	3000	90+	7 W	UNV	0-10V 1% DIMMING	REMOTE	BOTTOM OF LUMINAIRE TO BE MOUNTED AT 9'0"ABOVE FINISHED FLOOR. PROVIDE 6'POWER/CORD. DRIVER AND POWER SUPPLY TO BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER.	
LP1	LUXXBOX DASCH	29.5" LONG ACOUSTIC LINEAR PENDANT	NOOKS	SUSPENDED - CABLE	ACRYLIC LENS	SHADE , CANOPY, AND CORD COLOR BY ARCHITECT	1245	3000	90+	16 W	UNV	0-10V 1% DIMMING	REMOTE	DRIVER AND POWER SUPPLY TO BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER.	
LS1	ARTIMIDE ALPHABET OF LIGHT	2" DIAMETER FULLY LUMINOUS LINEAR TUBE LIGHT SYSTEM	SOFFIT CEILING	SURFACE - CEILING, WALL	360° BEAM, DIFFUSED OPAL PMMA	ANODIZED ALUMINUM	636/FT	3000	90+	565W	UNV	0-10V 1% DIMMING	REMOTE	SYSTEM COMPONENT LENGTHS AS INDICATED ON LIGHTING PLANS. SHOP DRAWINGS REQUIRED TO VERIFY FINAL FIXTURE CONFIGURATION. DRIVER(S)/ POWER SUPPLY(IES) SHALL BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER. WATTAGE INDICATES ENTIRE SYSTEM WATTAGE SUM.	
LS1A	ARTIMIDE ALPHABET OF LIGHT	2" DIAMETER FULLY LUMINOUS LINEAR TUBE LIGHT SYSTEM	TEEN LOUNGE WALL	SURFACE - CEILING, WALL	360° BEAM, DIFFUSED OPAL PMMA	ANODIZED ALUMINUM	636/FT	3000	90+	113W	UNV	0-10V 1% DIMMING	REMOTE	SYSTEM COMPONENET LENGTHS AS INDICATED IN ARCHITECTURAL ELEVATIONS. SHOP DRAWINGS REQUIRED TO VERIFY FINAL FIXTURE CONFIGURATION. DRIVER(S)/ POWER SUPPLY(IES) SHALL BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER. WATTAGE INDICATES ENTIRE SYSTEM WATTAGE SUM.	
LS1B	ARTIMIDE ALPHABET OF LIGHT	2" DIAMETER FULLY LUMINOUS LINEAR TUBE LIGHT SYSTEM	ENCLOSED STUDY	SURFACE - CEILING, WALL	360° BEAM, DIFFUSED OPAL PMMA	ANODIZED ALUMINUM	636/FT	3000	90+	51W	UNV	0-10V 1% DIMMING	REMOTE	SYSTEM COMPONENETS AS INDICATED IN ARCHITECTURAL ELEVATIONS. SHOP DRAWINGS REQUIRED TO VERIFY FINAL FIXTURE CONFIGURATION. DRIVER(S)/POWER SUPPLY(IES) SHALL BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER. WATTAGE INDICATES ENTIRE SYSTEM WATTAGE SUM.	
LS2	Q TRAN SLIM	STATIC WHITE 0.6" WIDE, 0.24" DEEP, LED LINEAR EXTRUSTION	NOOKS	SURFACE - WITHIN ARCHITECTURAL DETAIL	DIFFUSED	TO BE SELECTED BY ARCHITECT	129	3000	90+	2W/FT	UNV	0-10V 1% DIMMING	REMOTE	DRIVER AND POWER SUPPLY TO BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER.	
LS2A	Q TRAN SLIM	STATIC WHITE 0.6" WIDE, 0.24" DEEP, LED LINEAR EXTRUSTION	THRESHOLD	SURFACE - WITHIN ARCHITECTURAL DETAIL	CLEAR	TO BE SELECTED BY ARCHITECT	155	3000	90+	2W/FT	UNV	0-10V 1% DIMMING	REMOTE	DRIVER AND POWER SUPPLY TO BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER.	



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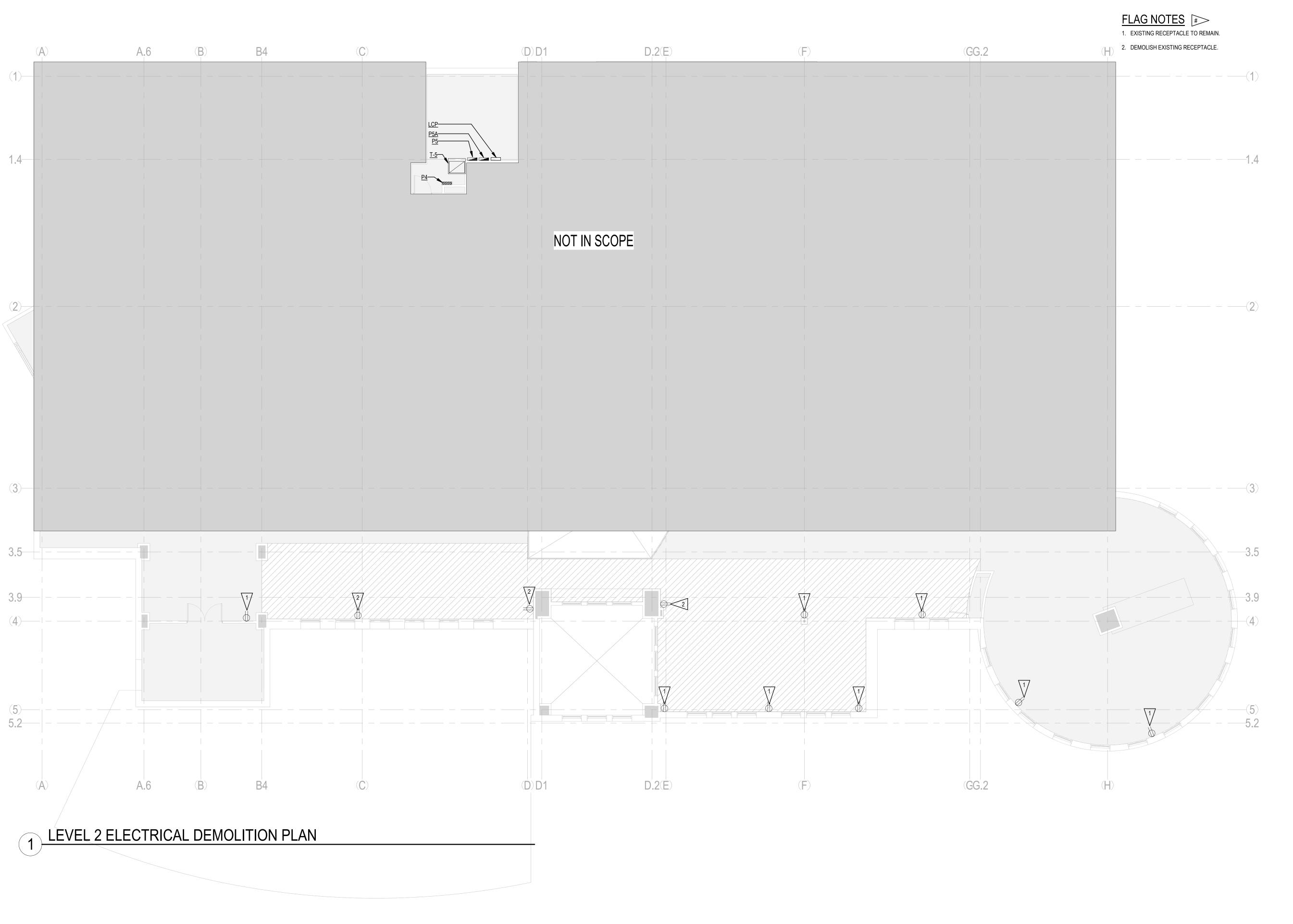
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LEVEL 2

ELECTRICAL

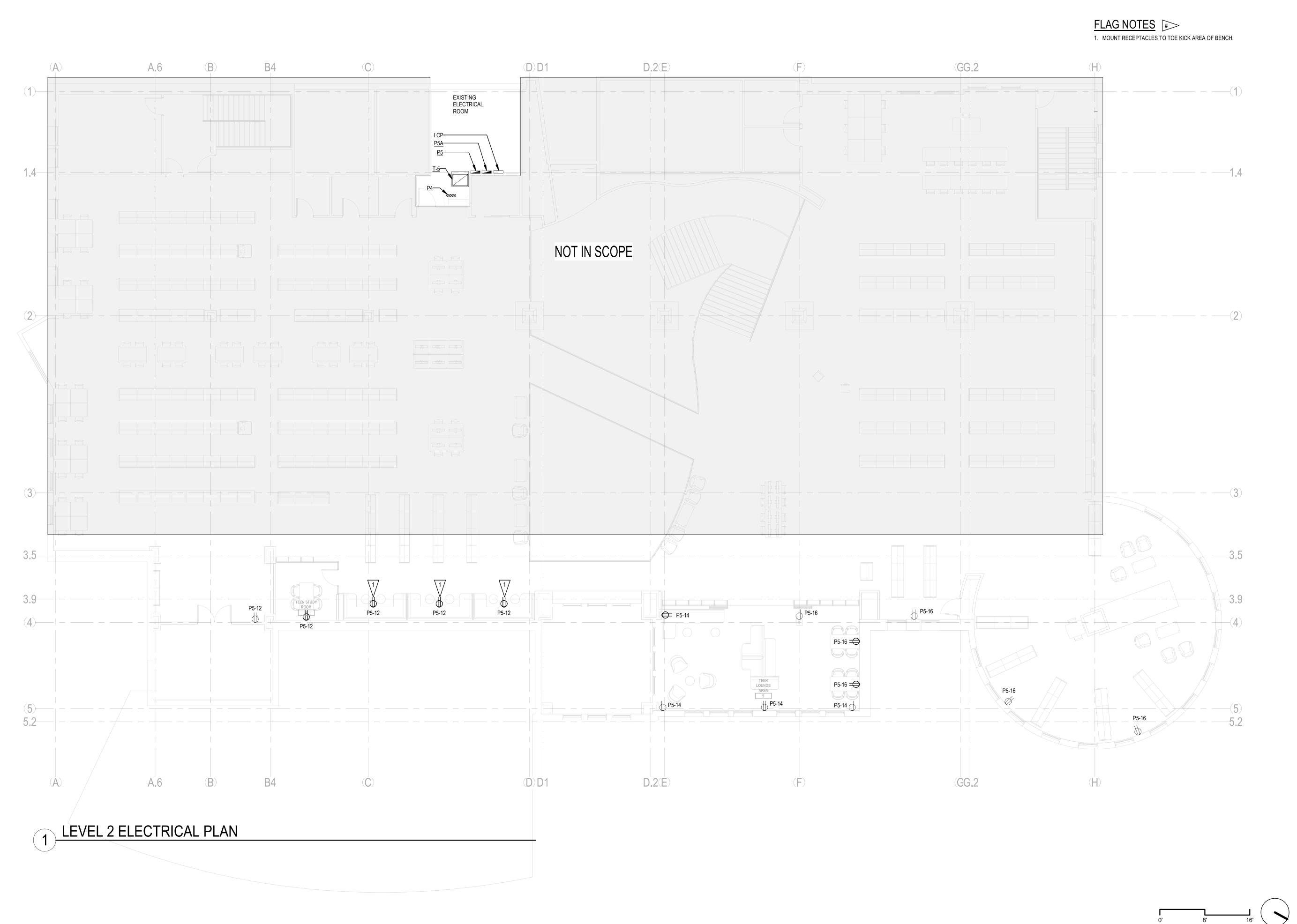
DEMOLITION PLAN

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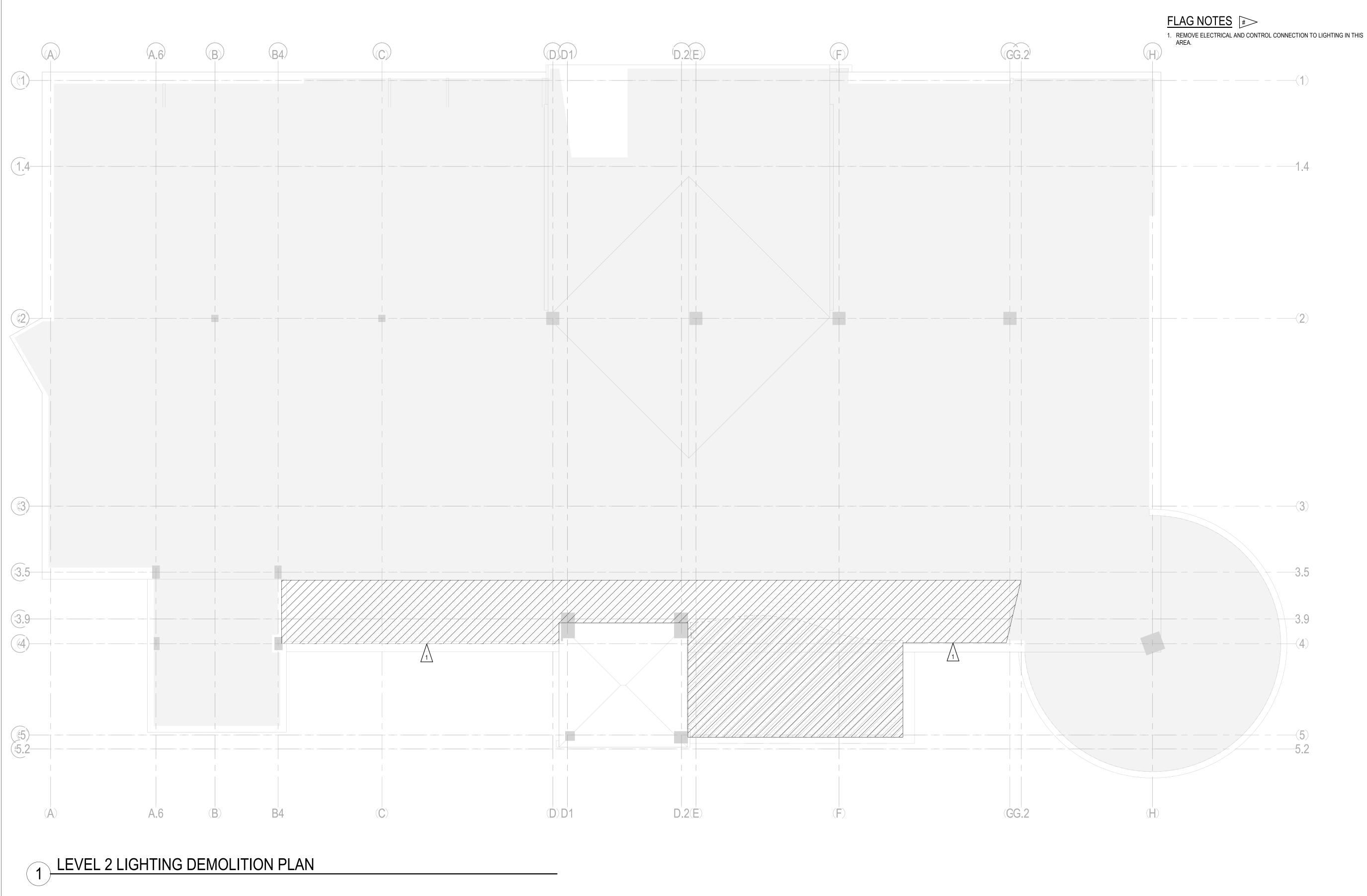
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LEVEL 2 ELECTRICAL PLAN

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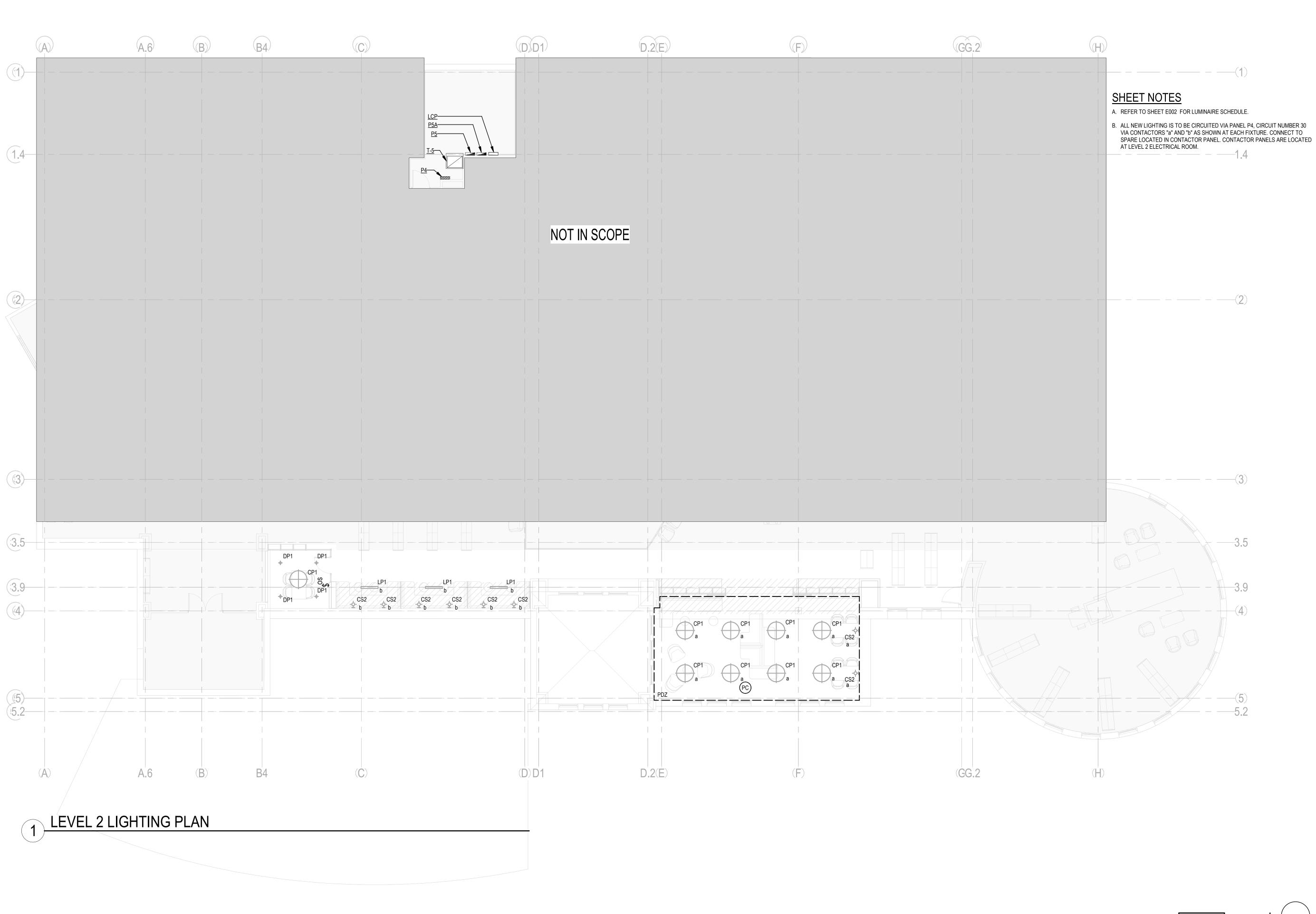
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LEVEL 2 LIGHTING DEMOLITION PLAN

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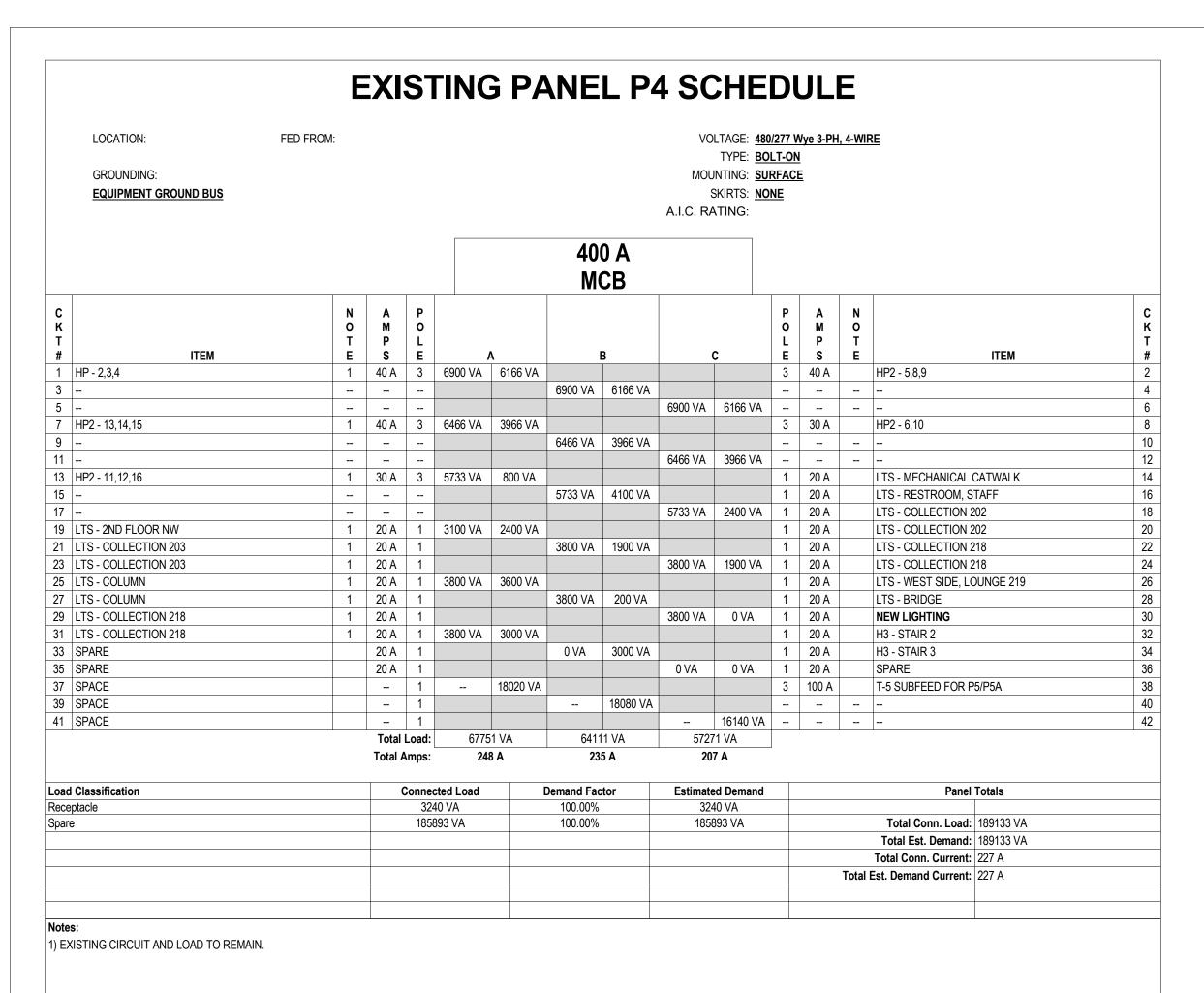
SHEET TITLE

LEVEL 2 LIGHTING PLAN

SHEET NO.

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EXISTING PANEL P5A SCHEDULE

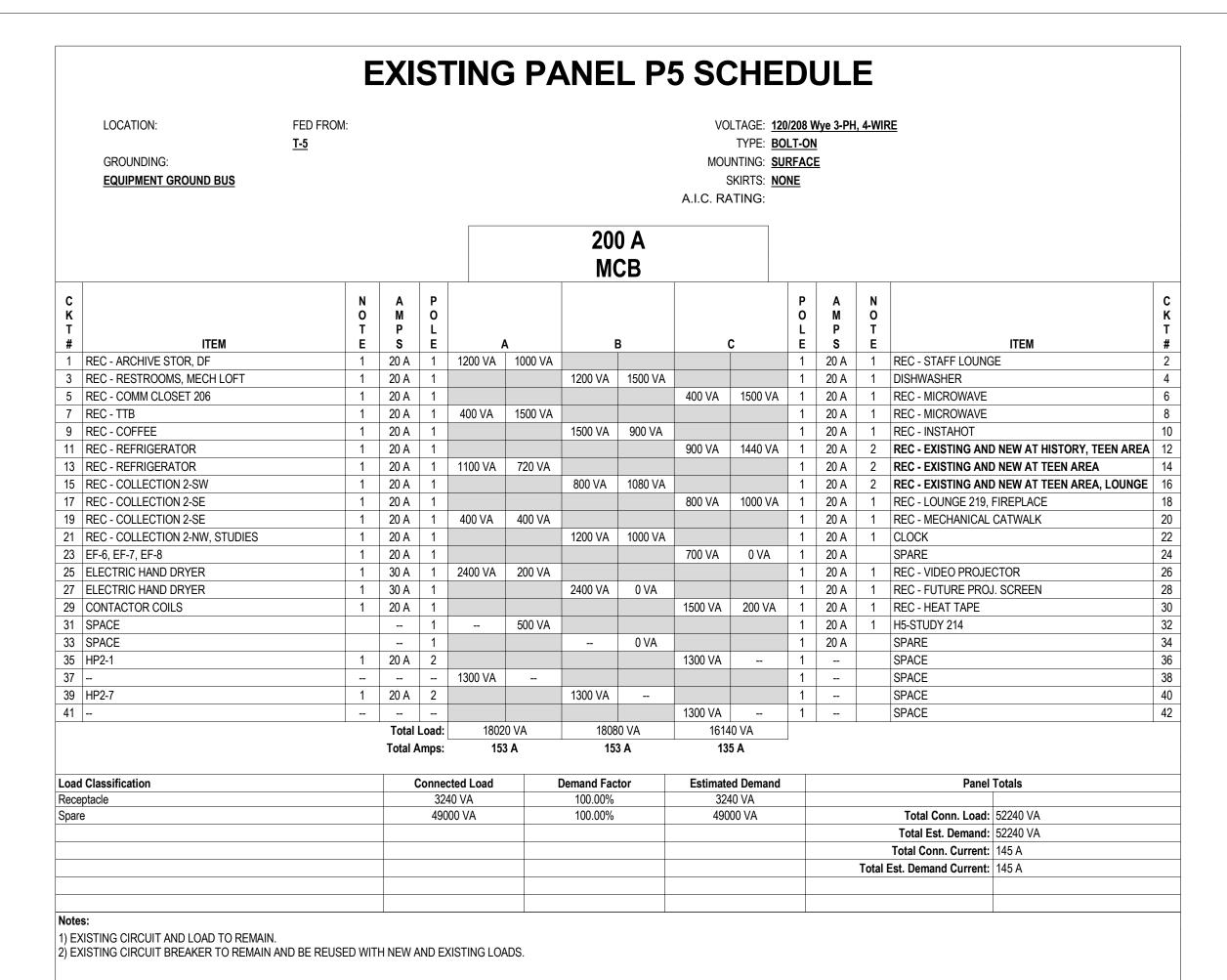
17200 VA

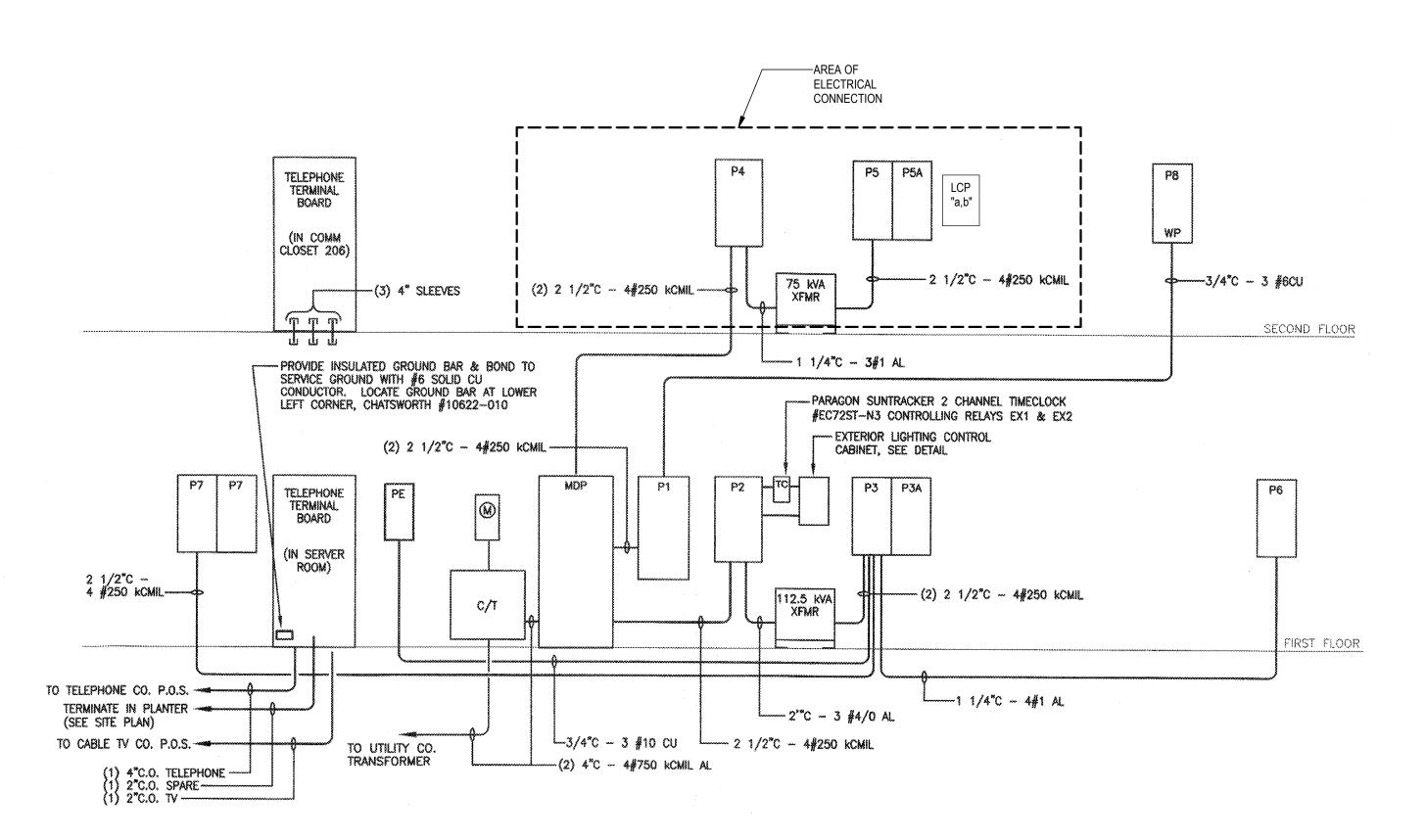
	LOCATION:  GROUNDING:  EQUIPMENT GROUND BUS	FED FROM: P5		VOLTAGE: 120/208 Wye 3-PH, 4-WIRE  TYPE: BOLT-ON  MOUNTING: SURFACE  SKIRTS: NONE  A.I.C. RATING:												
C K T #	ITEM	N C T E	M P	P O L E		MLO B			С		P O L E	A M P S	N O T E	ITEM	C K T #	
1	REC COLLECTION 203 FLOOR	1	20 A	1	800 VA	600 VA					1	20 A	1	REC COLLECTION 202 FLOOR	2	
3	REC COLLECTION 203 FLOOR	1	20 A	1			400 VA	600 VA			1	20 A	1	REC COLLECTION 202 FLOOR	4	
5	REC COLLECTION 202 FLOOR	1	20 A	1					800 VA	400 VA	1	20 A	1	REC COLLECTION 202 FLOOR	6	
7	REC COLLECTION 202 FLOOR	1	20 A	1	800 VA	800 VA					1	20 A	1	REC COLLECTION 202 FLOOR	8	
9	SPARE		20 A	1			0 VA	1000 VA			1	20 A	1	REC COLLECTION 216 FLOOR	10	
11	REC COLLECTION 202 FLOOR	1	20 A	1					800 VA	600 VA	1	20 A	1	REC COLLECTION 216 FLOOR	12	
13	REC COLLECTION 218 FLOOR	1	20 A	1	600 VA	800 VA					1	20 A	1	REC COLLECTION 216 FLOOR	14	
	REC COLLECTION 218 FLOOR	1	20 A	1			600 VA	600 VA			1	20 A	1	REC COLLECTION 216 FLOOR	16	
17	REC COLLECTION 218 FLOOR	1	20 A	1					600 VA	400 VA	1	20 A	1	REC - INFO DESK FLOOR	18	
19	REC COLLECTION 203 FLOOR	1	20 A	1	400 VA	1500 VA					1	20 A	1	REC - INFO DESK COPIER	20	
21	SPARE		20 A	1			0 VA	1500 VA			1	20 A	1	H4 - COLLECTION 203	22	
23	SPARE		20 A	1					0 VA	1500 VA	1	20 A	1	H4 - COLLECTION 203	24	
25	SPARE		20 A	1	0 VA	600 VA					1	20 A	1	LTS - STAIR 1	26	
27	SPARE		20 A	1			0 VA	500 VA			1	20 A	1	LTS - HISTORY ROOM	28	
29	SPARE		20 A	1					0 VA	0 VA	1	20 A		SPARE	30	
31	SPACE			1							1			SPACE	32	
33	SPACE			1							1			SPACE	34	
35	SPACE			1							1			SPACE	36	
37	SPACE			1							1			SPACE	38	
	SPACE			1							1			SPACE	40	
41	SPACE			1							1			SPACE	42	
				l Load:		6900 VA 5200 VA 5100					VA					
	Objection			Amps:		B A		S A		3 A				Powd Total		
Load	Classification	Conne	cted Load		Demand Fac	tor	Estimate	ed Demand				Panel Totals				

17200 VA

Total Conn. Load: 17200 VA

Total Est. Demand: 17200 VA
Total Conn. Current: 48 A
Total Est. Demand Current: 48 A





1 EXISTING ELECTRICAL ONELINE - FOR REFERENCE ONLY

SÄZÄN GROUP

600 Stewart St., Ste. 1400 Seattle, Washington 98101

Tel 206.267.1700 Fax 206.267.1701 SAZAN # XXX-XXXXX



PUYALLUP LIBRARY TEEN
CENTER
324 S MERIDIAN, PUYALLUP, WA 98371

 DRAWING ISSUE

 #
 DATE
 DESCRIPTION

 1
 2024-01-17
 50% CD SET

 2
 2024-01-26
 PERMIT SET

City of Puyallup
evelopment & Permitting Services
ISSUED PERMIT
Building Planning
Engineering Public Works
Fire Traffic

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NO.

E700
PRCTI20240158

Drawn SW Checker
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1) EXISTING CIRCUIT AND LOAD TO REMAIN.

### LUMINAIRE SCHEDULE

**GENERAL NOTES** 

Provide all mounting hardware, power feeds, accessories, and components as required for a complete operating installation.

Provide run lengths as shown on plans.

Provide all options and elements indicated in schedule. If not part of manufacturer's standard options or offerings, provide modifications as necessary to furnish luminaire with characteristics indicated on schedule.

Verify voltages and control requirements with electrical engineer.

Drivers shall be provided in size and quantity as required to accommodate specified load and dimming type.

Unless otherwise noted, locate drivers in accessible location within manufacturer's recommended distance. Confirm locations with Architect and Lighting Designer prior to installation.

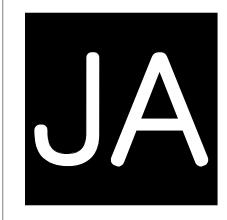
Provide cord and/or cable lengths for pendant mounted luminaires as required to suspend luminaires at mounting heights noted on Luminaire Schedule or in Architect's documentation, whichever requires longest suspension.

### ABBREVIATIONS

LF - linear foot/feet TBD - to be determined

UNV - universal voltage V - volt

			FIXTURE CH	ARACTERISTICS			LEDL	LEDLIGHT SOURCE		IGHT SOURCE ELECTRICAL				
TYPE	MANUFACTURER/ SERIES	DESCRIPTION	LOCATION	MOUNTING	OPTICS/ SHIELDING	FINISH	OUTPUT (LUMENS)	CCT (KELVIN)	CRI	WATTS	VOLTAGE	CONTROL	POWER SUPPLY	NOTES
CP1	LUXXBOX HEMMI	36" DIAMETER DECORATIVE ACOUSTIC DOME SHAPED PENDANT	TEEN LOUNGE AREA, ENCLOSED STUDY	SUSPENDED - CABLE	ACRYLIC LENS	SHADE , CANOPY, AND CORD COLOR BY ARCHITECT	5133	3000	90+	59 W	UNV	0-10V 1% DIMMING	INTEGRAL	BOTTOM OF LUMINAIRE TO BE MOUNTED AT 9'0"ABOVE FINISHED FLOOR.
DP1	COOPER, PORTFOLIO	2" DIAMETER CYLINDER DOWNLIGHT	ENCLOSED STUDY	SUSPENDED - CABLE	NARROW FLOOD 25 DEGREE BEAM	TO BE SELECTED BY ARCHITECT	500	3000	90+	7 W	UNV	0-10V 1% DIMMING	REMOTE	BOTTOM OF LUMINAIRE TO BE MOUNTED AT 9'0"ABOVE FINISHED FLOOR. PROVIDE (POWER/CORD. DRIVER AND POWER SUPPLY TO BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER.
LP1	LUXXBOX DASCH	29.5" LONG ACOUSTIC LINEAR PENDANT	NOOKS	SUSPENDED - CABLE	ACRYLIC LENS	SHADE , CANOPY, AND CORD COLOR BY ARCHITECT	1245	3000	90+	16 W	UNV	0-10V 1% DIMMING	REMOTE	DRIVER AND POWER SUPPLY TO BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER.
LS1	ARTIMIDE ALPHABET OF LIGHT	2" DIAMETER FULLY LUMINOUS LINEAR TUBE LIGHT SYSTEM	SOFFIT CEILING	SURFACE - CEILING, WALL	360° BEAM, DIFFUSED OPAL PMMA	ANODIZED ALUMINUM	636/FT	3000	90+	565W	UNV	0-10V 1% DIMMING	REMOTE	SYSTEM COMPONENT LENGTHS AS INDICATED ON LIGHTING PLANS. SHOP DRAWINGS REQUIRED TO VERIFY FINAL FIXTURE CONFIGURATION. DRIVER(S)/ POWER SUPPLY(IES) SHALL BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER. WATTAGE INDICATES ENTIRE SYSTEM WATTAGE SUM.
LS1A	ARTIMIDE ALPHABET OF LIGHT	2" DIAMETER FULLY LUMINOUS LINEAR TUBE LIGHT SYSTEM	TEEN LOUNGE WALL	SURFACE - CEILING, WALL	360° BEAM, DIFFUSED OPAL PMMA	ANODIZED ALUMINUM	636/FT	3000	90+	113W	UNV	0-10V 1% DIMMING	REMOTE	SYSTEM COMPONENET LENGTHS AS INDICATED IN ARCHITECTURAL ELEVATIONS. SHOP DRAWINGS REQUIRED TO VERIFY FINAL FIXTURE CONFIGURATION. DRIVER(S). POWER SUPPLY(IES) SHALL BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER. WATTAGE INDICATES ENTIRE SYSTEM WATTAGE SUM.
LS1B	ARTIMIDE ALPHABET OF LIGHT	2" DIAMETER FULLY LUMINOUS LINEAR TUBE LIGHT SYSTEM	ENCLOSED STUDY	SURFACE - CEILING, WALL	360° BEAM, DIFFUSED OPAL PMMA	ANODIZED ALUMINUM	636/FT	3000	90+	51W	UNV	0-10V 1% DIMMING	REMOTE	SYSTEM COMPONENETS AS INDICATED IN ARCHITECTURAL ELEVATIONS. SHOP DRAWINGS REQUIRED TO VERIFY FINAL FIXTURE CONFIGURATION. DRIVER(S). POWER SUPPLY(IES) SHALL BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER. WATTAGE INDICATES ENTIRE SYSTEM WATTAGE SUM.
LS2	Q TRAN SLIM	STATIC WHITE 0.6" WIDE, 0.24" DEEP, LED LINEAR EXTRUSTION	NOOKS	SURFACE - WITHIN ARCHITECTURAL DETAIL	DIFFUSED	TO BE SELECTED BY ARCHITECT	129	3000	90+	2W/FT	UNV	0-10V 1% DIMMING	REMOTE	DRIVER AND POWER SUPPLY TO BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER.
LS2A	Q TRAN SLIM	STATIC WHITE 0.6" WIDE, 0.24" DEEP, LED LINEAR EXTRUSTION	SHELVING THRESHOLD DETAIL	SURFACE - WITHIN ARCHITECTURAL DETAIL	CLEAR	TO BE SELECTED BY ARCHITECT	155	3000	90+	2W/FT	UNV	0-10V 1% DIMMING	REMOTE	DRIVER AND POWER SUPPLY TO BE MOUNTED IN NEARBY, CONCEALED FROM VIEW, ACCESSIBLE LOCATION WITHIN DISTANCE TOLERANCES DECTATED BY MANUFACTURER.



Johnston Architects, LLC 3131 Western Ave, Suite 510 Seattle, WA 98121 t 206.523.6150 f 206.523.9382

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1 2024-01-17 50% CD SET 2 2024-01-26 PERMIT SET

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building Planning
Engineering Public Works

Traffic



SHEET TITLE

LUMINAIRE SCHEDULE

SHEET NO.

LT101

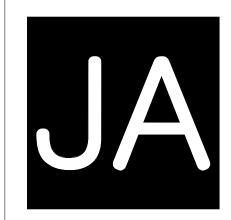
Drawn Author Checked Checker

Project Title Puyallup Libr	eary Teen Zone - 2018 WSEC	Date	Jan 2	6, 2024								
Lighting Power Calculation	ALTERATION - INTERI	IOR LIGHTING (50% or mor	Compliance Verification			COMPLIES						
Compliance Method	Space by sp	pace	LPA Calculation Adj	ustment			none					
Interview I inhting Dances Alberrance Consess by Conses												
Interior Lighting Power Allowance - Space by Space												
General Space Type	Specific Space Type	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)		l Proposed Watts D + Display LPD)	C	ompliance Status				
Conference/meeting/multipurpose		780	0.97	756								
Library	Reading area	161	0.31	50								
Library	Stacks area	650	1.10	715								
	•		Proposed Total LPD			1,521						
		1,521		1,520		COMPLIES						

Proposed Lighting Power Density								
Fixture Type	Fixture ID	Quantity of Fixtures (#F)	Watts or Wattage Limit per Fixture (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)		
Individual Fixtures								
Decorative	CP1	9	59			531		
Horizontal surface-mount	LS1	50	15			729		
Special application	LS2	61	2			92		
Special application	LS2A	61	2			92		
Suspended	LP1	3	16			49		
Suspended	DP1	4	7			29		
					Proposed Total LPD	1,521		

Project Title Puyallup Library Teen Zone - 2018 WSEC Date Jan 26, 2
---------------------------------------------------------------------

Proposed Fixtures Details	ALTERATION - 1	INTERIOR LIGHTING (50% or more	replaced)				
Fixture Type/Application	Fixture ID	<b>Location in Documents</b>	Lamp Type	New or Existing-to-Remain			
ndividual Fixtures							
Decorative	CP1	ALL	LED	New			
	Fixture Description:		Are these fixtures located within a daylight zone?:				
	Do these fixtures require s	pecific application lighting controls?:					
Horizontal surface-mount	LS1	ALL	LED	New			
	Fixture Description:		Are these fixtures located within a daylight zone?:				
	Do these fixtures require s	pecific application lighting controls?:					
Special application	LS2	ALL	LED	New			
	Fixture Description:		Are these fixtures located within a daylight zone?:				
	Do these fixtures require s	pecific application lighting controls?:					
Special application	LS2A	ALL	LED	New			
	Fixture Description:		Are these fixtures located within a daylight zone?:				
	Do these fixtures require s	pecific application lighting controls?:					
Suspended	LP1	ALL	LED	New			
	Fixture Description:		Are these fixtures located within a daylight zone?:				
	Do these fixtures require s	pecific application lighting controls?:					
Suspended	DP1	ALL	LED	New			
	Fixture Description:		Are these fixtures located within a daylight zone?:				
	Do these fixtures require s	pecific application lighting controls?:					



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RY TEEN

PUYALLUP LIBRARY CENTER

DRAWING ISSUE

# DATE DESCRIPTION
2 2024-01-26 PERMIT SET

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



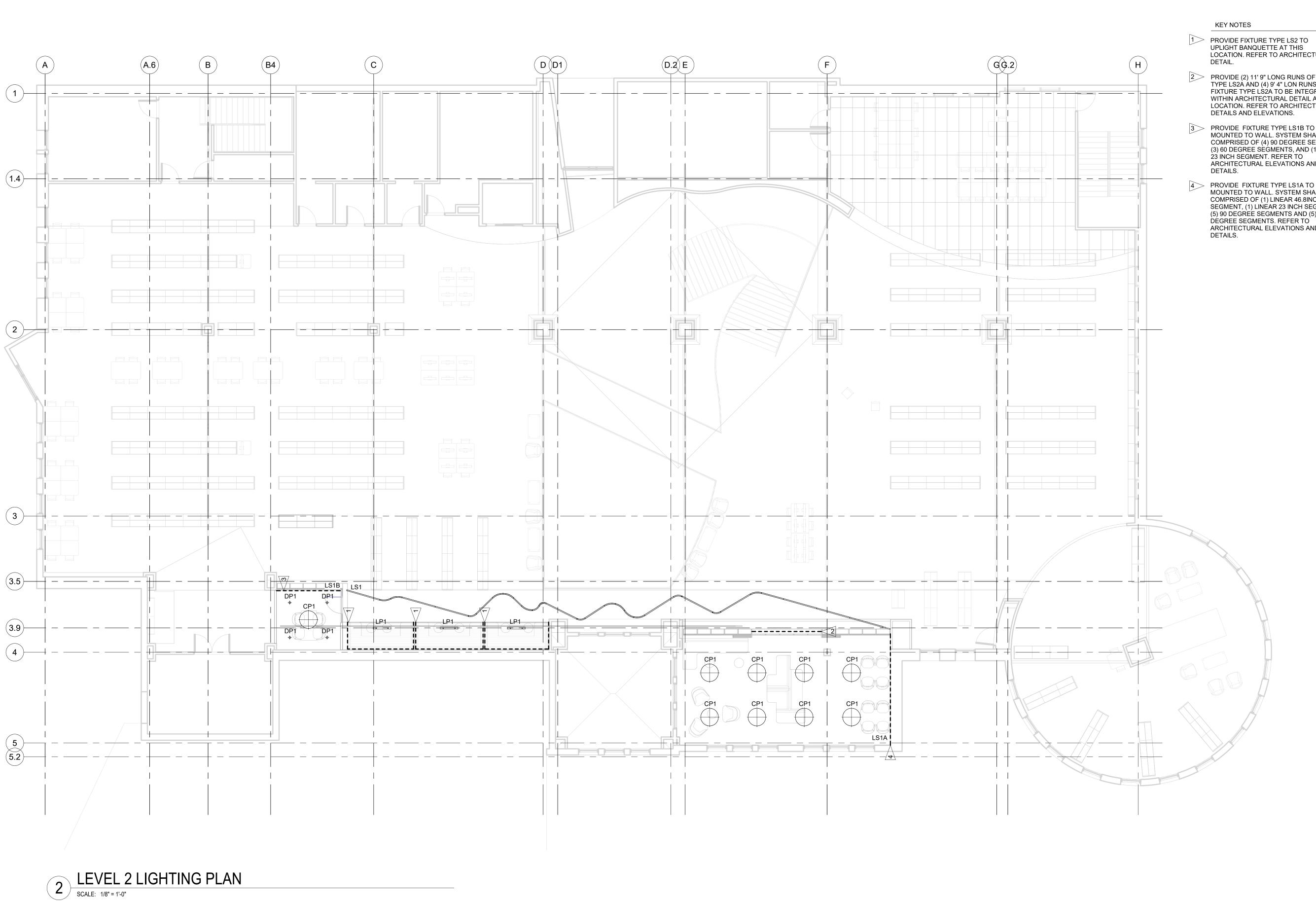
WASHINGTON
STATE ENERGY
CODE

SHEET NO.

LT102

Drawn Author Checked Checke

PRCTI20240158



- LOCATION. REFER TO ARCHITECTURAL
- 2 PROVIDE (2) 11' 9" LONG RUNS OF FIXTURE TYPE LS2À ÁND (4) 9' 4" LON RUNS OF FIXTURE TYPE LS2A TO BE INTEGRATED WITHIN ARCHITECTURAL DETAIL AT THIS LOCATION. REFER TO ARCHITECTURAL DETAILS AND ELEVATIONS.
- 3 PROVIDE FIXTURE TYPE LS1B TO BE MOUNTED TO WALL. SYSTEM SHALL BE COMPRISED OF (4) 90 DEGREE SEGMENTS, (3) 60 DEGREE SEGMENTS, AND (1) LINEAR 23 INCH SEGMENT. REFER TO ARCHITECTURAL ELEVATIONS AND
- 4 PROVIDE FIXTURE TYPE LS1A TO BE MOUNTED TO WALL. SYSTEM SHALL BE COMPRISED OF (1) LINEAR 46.8INCH SEGMENT, (1) LINEAR 23 INCH SEGMENT, (5) 90 DEGREE SEGMENTS AND (5) 60 DEGREE SEGMENTS. REFER TO ARCHITECTURAL ELEVATIONS AND



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> City of Puyallup evelopment & Permitting Services ISSUED PERMIT Engineering **Public Works** Traffic



SHEET TITLE

LEVEL 2 LIGHTING PLAN

SHEET NO.

PRCTI20240158