

PROJECT INFORMATION

PRCTI20230973

ADDRESS:
402 VALLEY AVE. NW
PUYALLUP, WA 98371

TAXPAYER:
PROLOGIS, INC.
12720 GATEWAY DRIVE, SUITE 110
TUKWILA, WA 98168

TAX PARCEL #:
0420215017

PROJECT NUMBER:
24098

PROJECT DESCRIPTION:
TENANT IMPROVEMENT OF EXISTING BUILDING, FULLY CONDITIONED OPEN OFFICE w/ RESTROOMS. REMAINDER OF SPACE "SEMI-HEATED" OPEN WAREHOUSE.

LEGAL DESCRIPTION:
SECTION 21 TOWNSHIP 20 RANGE 04 QUARTER 13 PARCEL "C" OF DBLR 2002-09-18-5002 DESC AS FOLL L1 OF S P 97-09-29-0267 TOGW FOLL BEG AT SE COR OF SD L 1 TH N 27 DEG 09 MIN 43 SEC E 484.53 FT TH S 62 DEG 50 MIN 17 SEC E 45.56 FT S 32 DEG 10 MIN 00 SEC W 486.29 FT TO INTER OF NON-TANG C TO R RAD 3870 FT TH NWLY 3.15 FT THRU A CENT ANGLE OF 00 DEG 02 MIN 48 SEC TO POB ALSO TOGW FOLL DESC PROP BEG AT SE COR OF ABOVE DESC PROP TH N 32 DEG 10 MIN 00 SEC E 486.29 FT TH S 62 DEG 50 MIN 17 SEC 3 127.10 FT TH S 27 DEG 09 MIN 43 SEC W 475.43 FT TO INTER OF NON-TANG C TO R RAD 3870 FT TH NWLY 169.77 FT THRU CENT ANGLE OF 02 DEG 30 MIN 49 SEC TO POB EASE OF REC OUT OF 5-008 & 5-009 SEG 2005-0690 11/02/04CL

PROJECT AREAS:
EXTERIOR FOOTPRINT FULL BUILDING: 72,775 SF
TENANT AREA FOR THIS PERMIT: 21,170 SF

BUILDING CODE COMPLIANCE:

JURISDICTION:
CITY OF PUYALLUP

APPLICABLE CODES:
MUNICIPAL CODE: PUYALLUP MUNICIPAL CODE
ZONING CODE: PUYALLUP ZONING CODE (TITLE 20)
ZONING USE: ML - LIMITED MANUFACTURING ZONE (CHAPTER 20.35)

PERMITTED USE:
ALLOWED UNDER 20.35.010
(1) CONTRACTORS SHOPS OR STORAGE YARDS
(2) WAREHOUSE AND DISTRIBUTION
(8) BUSINESS PARK USES

PARKING USE:
MIXED USE PER 20.55.010
(20) PROFESSIONAL OFFICES (OTHER):
1 PER 300 SF OF GROSS FLOOR AREA
(32) WAREHOUSE AND STORAGE FACILITIES:
1 PER 2,000 SF OF GROSS FLOOR AREA

BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE W/ WASHINGTON STATE AMENDMENTS
FIRE CODE: 2018 INTERNATIONAL FIRE CODE W/ WASHINGTON STATE AMENDMENTS
MECHANICAL CODE: 2018 INTERNATIONAL MECHANICAL CODE W/ WASHINGTON STATE AMENDMENTS
PLUMBING CODE: 2018 UNIFORM PLUMBING CODE W/ WASHINGTON STATE AMENDMENTS
ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE
ENERGY CODE: 2018 WASHINGTON STATE ENERGY CODE

BUILDING CODE INFORMATION:
CONSTRUCTION TYPE: TYPE III-B
OCCUPANCY: BUSINESS GROUP B, STORAGE GROUP S

Required Parking

Number	Name	Area (NET)	Parking USE Classification	Parking Load Factor	Required Parking
105	Room		Not Placed		
(20)	Offices				
101	Open Off.	1,872 SF	(20) Offices	300	6
(32)	Warehouse				
104	Warehouse	17,848 SF	(32) Warehouse	2000	9
None					
102	Men's	224 SF	None		
103	Women's	225 SF	None		
Grand total:	5	20,169 SF			15

15 PARKING SPACES REQUIRED

A side sewer sampling connection is required to be installed on the commercial sanitary side sewer service in accordance with City policy ENG 21-03 and City Standard Detail 04.03.04. The sampling connection retrofit shall be installed on the first cleanout (labeled sewer line B, CO #1 on the as-builts) fronting suite 103 adjacent to the building.

4218 SW Alaska St, Suite G
Seattle, WA 98116

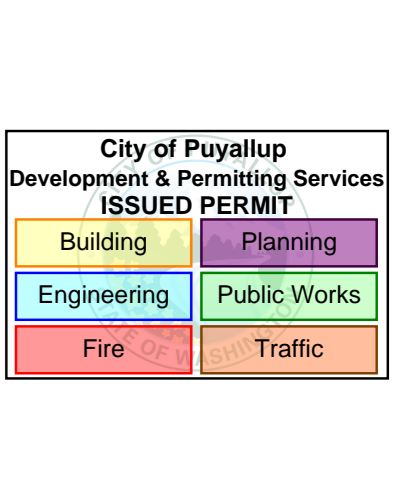
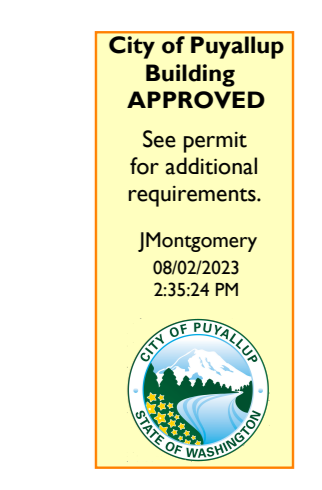
206 . 933 . 1257

www.rhodesarchitecture.com

Tim Rhodes . RA . AIA . Architect



DATE	ISSUE
A	29 June 2023 New Permit Submittal



FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITEE ON SITE FOR ALL INSPECTIONS (MIN. PLAN SIZE 24" X 36")

New Permit Submittal

Drawn By: HCB, KE
Checked By: TR

Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South Puyallup Leasing Tenant Improvements**

Project Address:
402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:
PRCTI20230973

Site Plan

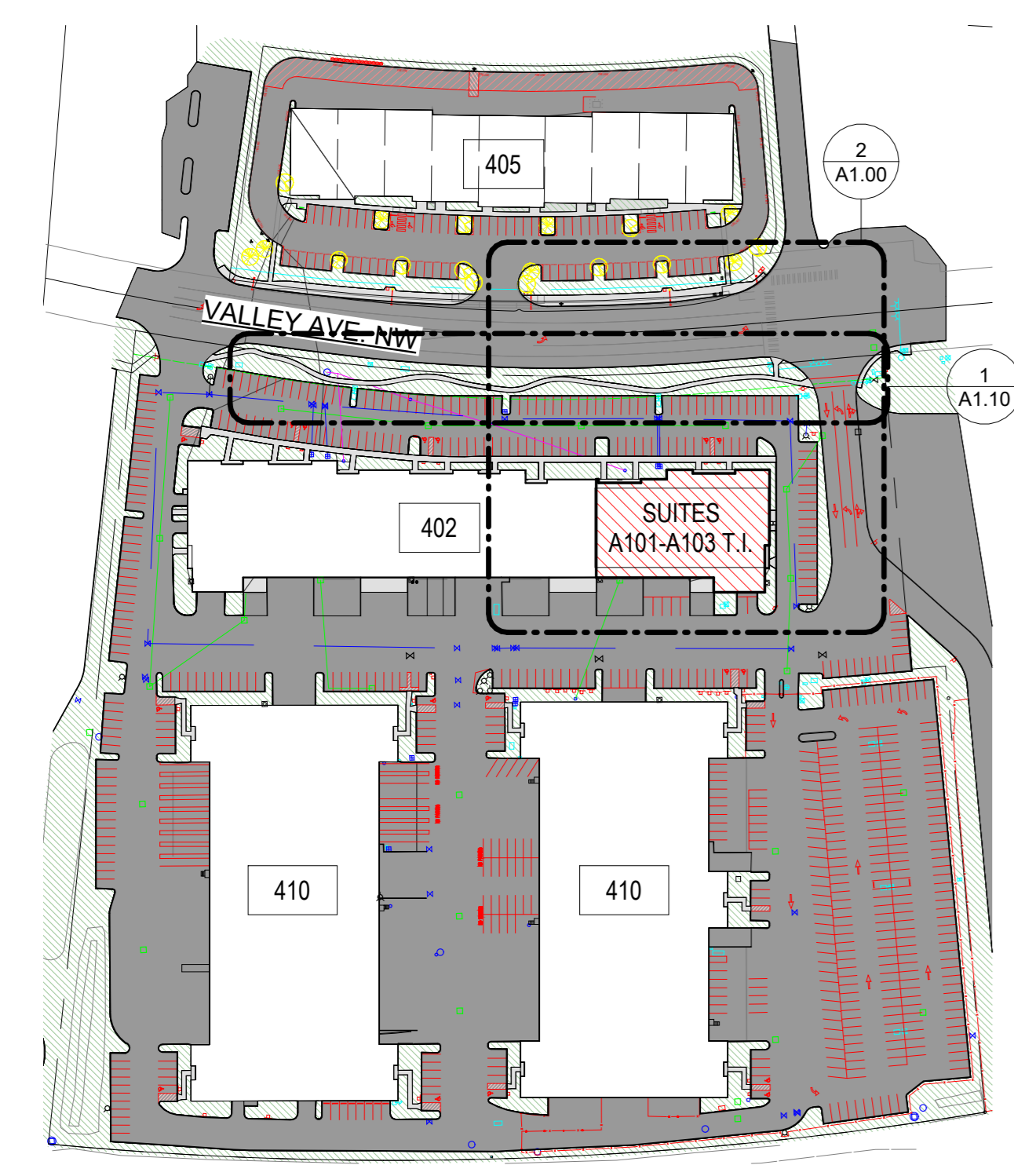
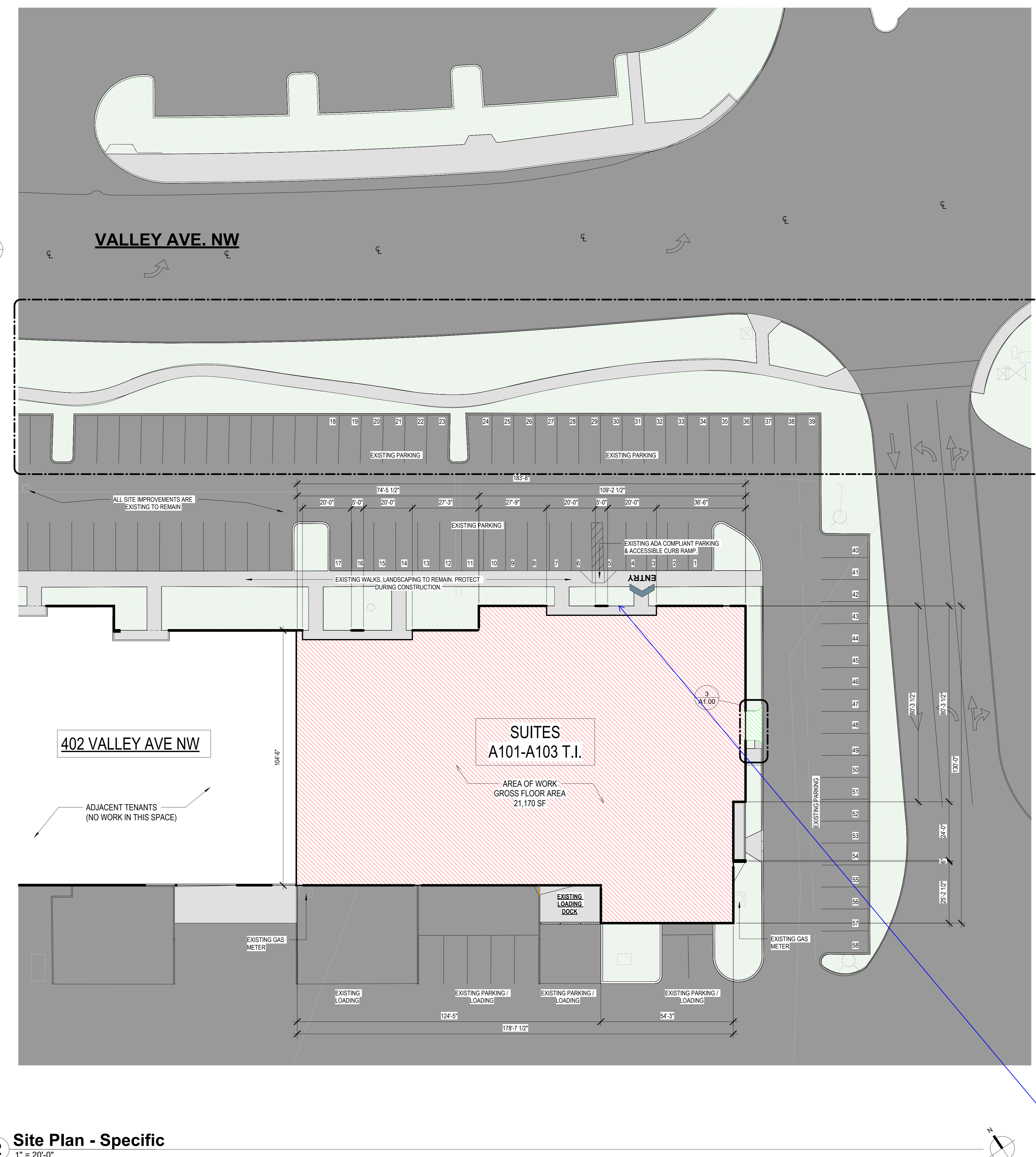
Sheet Number:

A1.00

Project Number: 24098

Date: 29 June 2023

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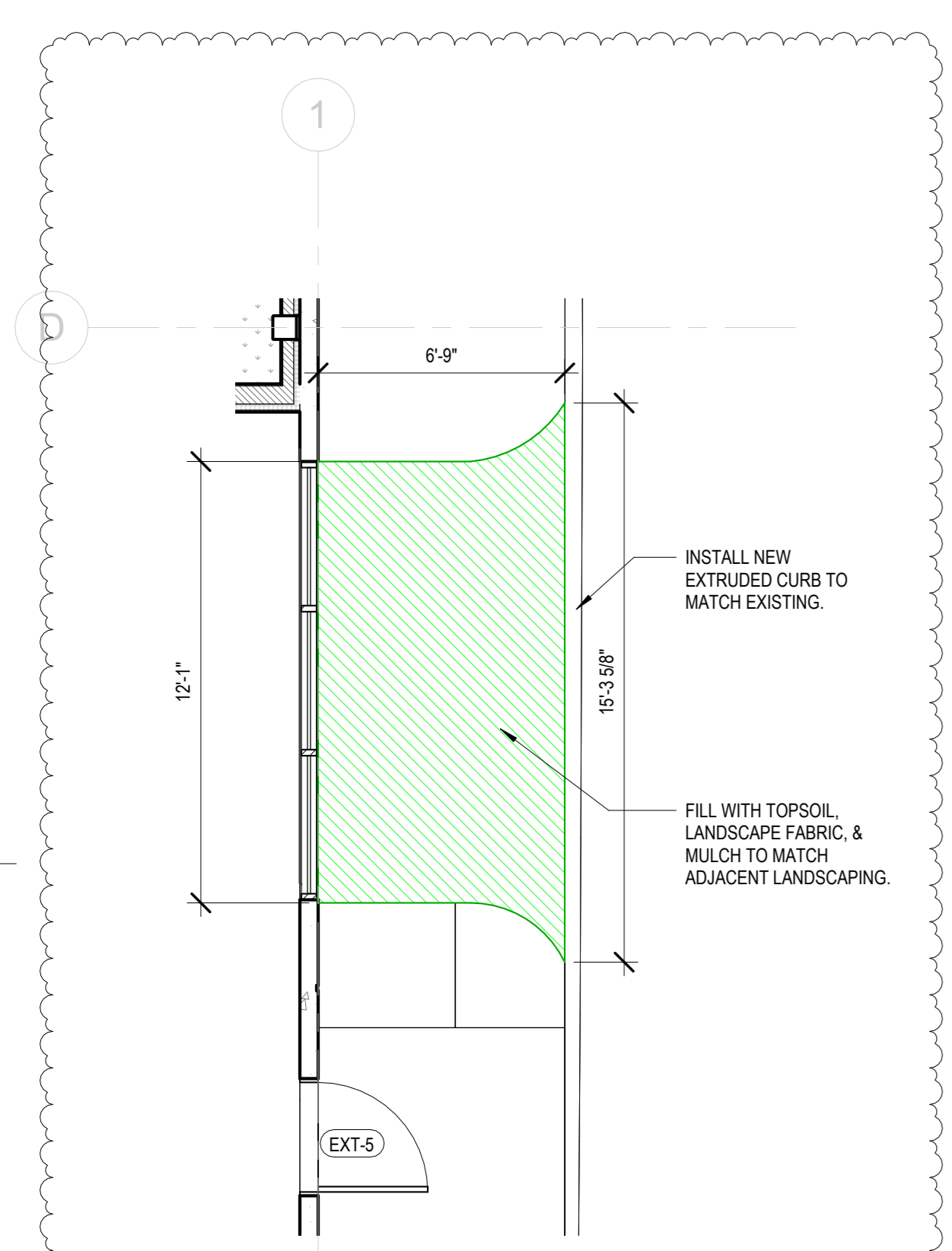


1 Site Plan - General
1" = 160'-0"

SITE AREA LEGEND

NOTE: REFER TO SHEET A6.20 FOR ADDITIONAL MATERIAL INFORMATION

- ASPHALT ROAD PAVEMENT
- SIDEWALKS
- SITE LANDSCAPING
- TENANT IMPROVEMENT AREA
- ACCESSIBLE ROUTE



3 Site Plan - East Detail
1/4" = 1'-0"

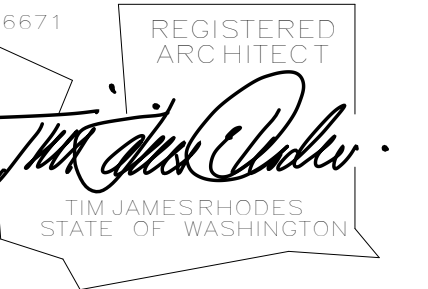
2 Site Plan - Specific
1" = 20'-0"

PARKING - ADJACENT TENANTS

(PER PMC 20.55.010)

TENANT	AREA	PARKING USE	PARKING LOAD	REQ. SPACES
TRU-GREEN (PER PMC 20.55.012 PROVIDE SPACE FOR SERVICE VANS. SERVICE FLEET: 20 VANS)	20,239 sf	MANUF./INDUSTRIAL (16)	1,000	20
REBATH	5,611 sf	MANUF./INDUSTRIAL (16)	1,000	6
STAFFMARK	16,946 sf	WAREHOUSE/STORAGE (32)	2,000	9
SEATTLE DELI PROVISIONS	7,732 sf	WAREHOUSE/STORAGE (32)	2,000	4

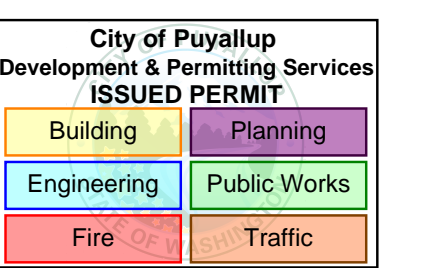
PARKING REQUIRED FOR ADJACENT TENANTS: 59 SPACES
PARKING REQUIRED FOR PERMITTED SPACE: 15 SPACES
TOTAL PARKING REQUIRED: 74 SPACES
(PER PMC 20.55.045 USE OF COMMON PARKING FACILITIES. REDUCTION OF REQUIRED SPACES BY 10% ALLOWED.)
ADJUSTED PARKING REQUIRED: 67 SPACES
PARKING AVAILABLE: 185 SPACES



DEMOLITION PLAN NOTES

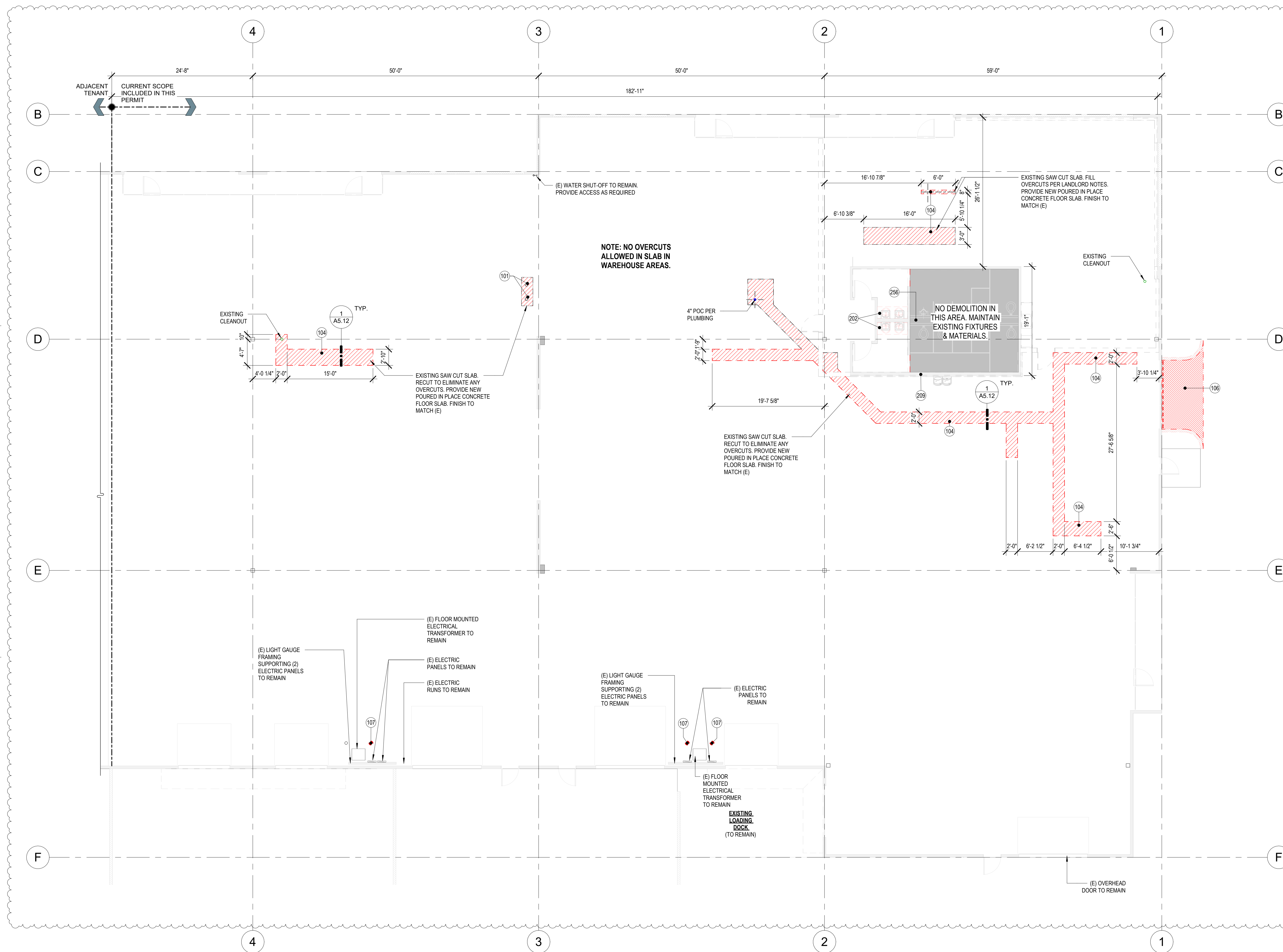
KEY NOTE	DESCRIPTION
100 - SLAB NOTES	
101	REMOVE PLUMBING DRAIN HUBS. FILL & PATCH EXISTING CONCRETE SLAB
104	PROVIDE NEW POURED IN PLACE CONCRETE FLOOR SLAB. FINISH TO MATCH (E)
106	PREP FOR NEW EXTRUDED CONCRETE CURB. TOPSOIL INFILL w/ LANDSCAPE FABRIC & MULCH TO MATCH EXISTING.
107	FILL EXISTING CORED HOLES. PREP FOR NEW BOLLARD PER DETAIL 3/A5.12
200 - LEVEL 1 NOTES	
202	REMOVE VANITIES & SINKS. PREP FOR NEW WALL MOUNTED SINKS.
209	REMOVE GYP. BOARD FROM DEMISING WALLS BETWEEN RESTROOM & WAREHOUSE.
250 - CEILING NOTES	
252	ROOF PENETRATION FOR GAS HEATER VENT
256	REMOVE CEILING MOUNTED WATER HEATER. STORE UNIT FOR RE-USE.
258	EXISTING ROOF TOP UNIT REMOVED BY OWNER.

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LANDLORD NOTES:

- FLOOR PATCHING:
 - MEET REQUIREMENTS OF EXISTING SLAB.
 - DO NOT OVERCUT CORNERS IN WAREHOUSE AREAS.
 - EXISTING OVERCUTS IN OFFICE AREA TO BE FILLED w/ MM-80.
 - AVOID DAMAGE TO ADJACENT SLAB.
 - BACKFILL AND SUBGRADE COMPACTED TO 95% OF MAX. DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.
 - DOWEL NEW SLAB TO EXISTING w/ 1/2" STEEL DOWELS w/ MIN. EMBED OF 8" @ 18" O.C. SECURE WITH EPOXY.
 - INSTALL TWO (2) #4 REBAR HORIZ. IN ALL PLUMBING TRENCHES.
 - STONE EXISTING SAWCUT EDGES TO CREATE 1/8" RADIUS EDGE.
 - INSTALL VAPOR BARRIER IF EXISTING.
 - USE 4,000 p.s.i. (28 DAYS) CONCRETE.
 - PROVIDE 1/8" RADIUS EDGE IN WAREHOUSE AREAS.
 - SAWCUT CONTROL JOINTS TO MATCH EXISTING.
 - APPLY NEW CONCRETE SEAL.
 - INSTALL JOINT FILLER TO MATCH EXISTING (METZGER McGUIRE MM80 or EQUIV.).



1 Demolition / Slab Sawcutting Plan
1/8" = 1'-0"

PLAN NOTES:

DEMO & SLAB PLAN NOTES:

- ALL DIMENSIONS ARE TO FACE OF CONCRETE / FINISH FACE / GRID LINE (U.N.O.)
- LAYOUT PARTITIONS AND VERIFY ANY COORDINATION ISSUES WITH ARCHITECT PRIOR TO SAWCUTTING.
- THIS PLAN TAKES PRECEDENCE FOR ANY CUTTING OF SLAB.
- IDENTIFY AND NOTE EXISTING SWITCHES, CONTROLS, DEVICES MOUNTED ON EXISTING WALLS AND COLUMNS. COORDINATE REMOVAL AND REPLACEMENT WITH ARCHITECT.

REFER TO THE FOLLOWING SHEETS FOR ADDITIONAL INFORMATION:

PLUMBING: PP101
STRUCTURAL: S3.1

PRCTI20230973

New Permit Submittal

Drawn By: HCB, KE
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Directory:
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Project Name: **CITC South Puyallup Leasing Tenant Improvements**
Project Address:

402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:
Demolition / Slab Sawcutting Plan

Sheet Number:

A1.21

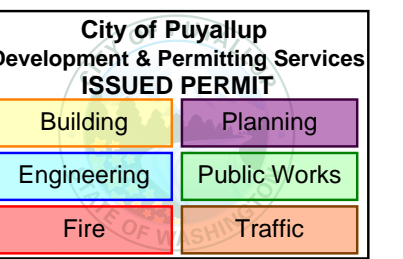
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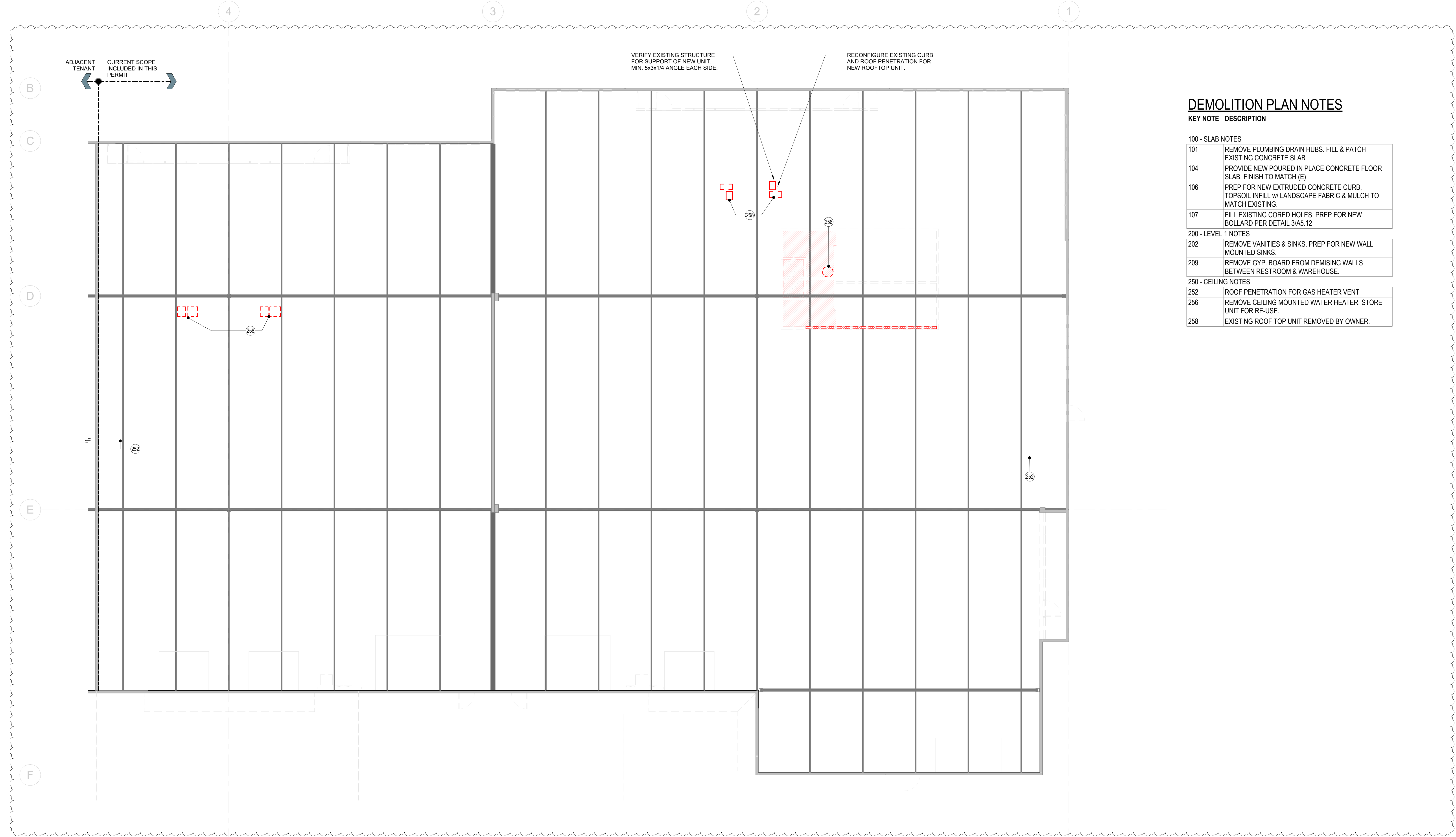


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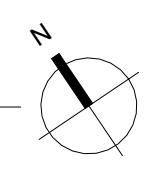


DEMOLITION PLAN NOTES

KEY NOTE	DESCRIPTION
100 - SLAB NOTES	
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250 - CEILING NOTES	
252	ROOF PENETRATION FOR GAS HEATER VENT
256	REMOVE CEILING MOUNTED WATER HEATER. STORE UNIT FOR RE-USE.
258	EXISTING ROOF TOP UNIT REMOVED BY OWNER.



1 Demo - Reflected Ceiling Plan - Level 1
1/8" = 1'-0"



PLAN NOTES:

- ROOF PLAN NOTES:**
- EXISTING ROOFING TO REMAIN. VERIFY EXISTING CONDITIONS & DIMENSIONS.
 - REQUIRED ROOFER:
Tri-Star Roofing, Paul Huppert, 253.939.5506, Tri-starroofing@msn.com
 - G.C. TO COORDINATE WITH ROOFER, MECHANICAL, ELECTRICAL, PLUMBING SUBCONTRACTORS.

REFER TO THE FOLLOWING SHEETS FOR ADDITIONAL INFORMATION:

- DEMOLITION: A1.21
ARCHITECTURAL: A1.40
MECHANICAL: M202

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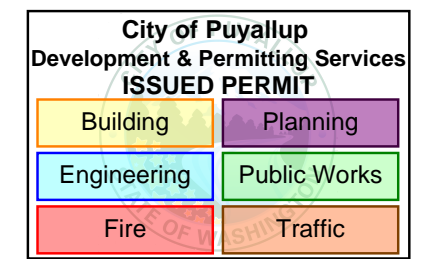
Project Name: **CITC South
Puyallup Leasing
Tenant
Improvements**

Project Address:
402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:
**Demo -
Reflected
Ceiling Plan -
Level 1 Upper**

Sheet Number:
A1.23

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Project Name: **CITC South Puyallup Leasing Tenant Improvements**
Project Address:

402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:

Floor Plan Level 1

Sheet Number:

A1.31

Room Schedule - Area

Name	Area (NET)
(20) Offices	
Open Off.	1,872 SF
(32) Warehouse	
Warehouse	17,848 SF
None	
Men's	224 SF
Women's	225 SF
Grand total:	20,169 SF
GROSS LEASABLE AREA:	21,170 SF

PLUMBING FIXTURE CALCULATIONS

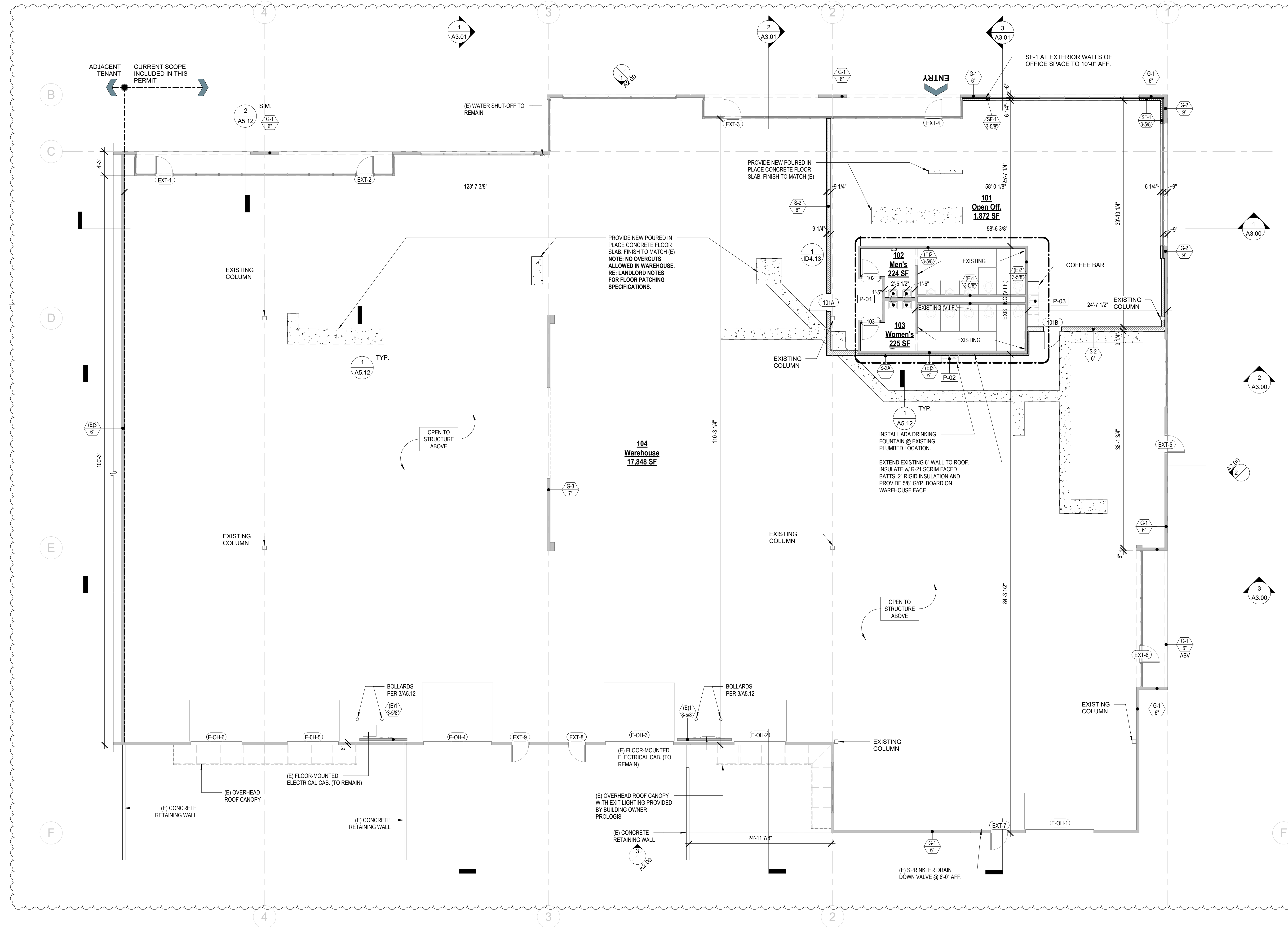
Total Occupant Load: 49
Water Closets: 1 per 25 for first 50 + 1 per 50 above 50 = 2 required.
7 Water Closets and 3 Urinals Provided
Lavatories: 1 per 40 for first 80 and 1 per 80 above 80 = 2 required.
4 Lavatories Provided
Drinking Fountains: 1 for first 150 + 1 per 500 above 150 = 1 required.
1 Drinking Fountain Provided
Sinks (Utility & Kitchen): None required.
1 Sink Provided
Calculations per IBC 2018 (w/ WA Amendments)
Water Closet and Lavatory Numbers per Table 2902.1.
Water Closet / Urinal ratio per 2902.1.1.2.
Drinking Fountain number per 2902.5.1.

LANDLORD NOTES:

- FLOOR PATCHING: MEET REQUIREMENTS OF EXISTING SLAB. DO NOT OVERCUT CORNERS IN WAREHOUSE AREAS.
- EXISTING OVERCUTS IN OFFICE AREA TO BE FILLED w/ MM-80. AVOID DAMAGE TO ADJACENT SLAB.
- BACKFILL AND SUBGRADE COMPACTED TO 95% OF MAX. DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.
- DOVEL NEW SLAB TO EXISTING w/ 1/2" STEEL DOVELS w/ MIN. EMBED OF 6" @ 18" O.C. SECURE WITH EPOXY.
- INSTALL TWO (2) #4 REBAR HORIZ. IN ALL PLUMBING TRENCHES.
- STONE EXISTING SAWCUT EDGES TO CREATE 1/8" RADIUS EDGE.
- INSTALL VAPOR BARRIER IF EXISTING.
- USE 4,000 p.s.i. (@ 28 DAYS) CONCRETE.
- PROVIDE 1/8" RADIUS EDGE IN WAREHOUSE AREAS.
- SAWCUT CONTROL JOINTS TO MATCH EXISTING.
- APPLY NEW CONCRETE SEAL.
- INSTALL JOINT FILLER TO MATCH EXISTING (METZGER MCGUIRE MM80 or EQUIV.).

WALL ASSEMBLIES SCHEDULE

MARK	WIDTH	DESCRIPTION	STC RATING	R-VALUE
Exterior				
G-1	0'-6"	EXISTING 6" TILT-UP WALL		
G-2	0'-9"	EXISTING 9" TILT-UP WALL		
Interior				
(E)1	0'-4 3/8"	EXISTING 3-5/8" STEEL STUDS + (1) 5/8" GWB LAYER		
(E)2	0'-5"	EXISTING 3-5/8" STEEL STUDS + 5/8" GWB. EACH SIDE.		
(E)3	0'-7 1/4"	EXISTING 6" STEEL STUDS + 5/8" GWB. EACH SIDE (ASSUMED)		
G-3	0'-7"	EXISTING 7" TILT-UP WALL (V.I.F.)		
S-2	0'-9 1/4"	6" STEEL STUDS W/ BATT INSULATION, 2" RIGID INSULATION ONE SIDE + 5/8" GWB. EACH SIDE	R-13 + R-10cl	
S-2A	0'-2 5/8"	2" RIGID INSULATION + 5/8" GYP. BOARD		10
SF-1	0'-6 1/4"	FURRING - 2" RIGID INSULATION + GAP + 3-5/8" STEEL STUDS, 5/8" GWB.		10
SF-6	0'-2"	2" RIGID INSULATION		10



1 Floor Plan - Level 1
1/8" = 1'-0"

NOTE: OPENING DIMENSIONS ARE NOMINAL. REFER TO RELEVANT DETAILS TO DETERMINE FRAMING AND ROUGH OPENING SIZES.

NOTE: DETAIL CALLOUTS ADDED FOR CONSTRUCTION DOCUMENT SET.

SYMBOLS AND ABBREVIATIONS:

1 View Name 1/8" = 1'-0"	DRAWING TITLE DRAWING SCALE	1A3 10 R/W EXTERIOR ELEV. TAG	STUDENT LOUNGE 150 SF	ROOM TAG	00.00	KEYNOTE TAG
A Column Grid LAYOUT LINES		1A101 INTERIOR ELEVATION TAG	XXXX'	SPOT ELEVATION	101	DOOR TAG
1 SIM A101	BUILDING SECTION	5		LAYOUT STARTING POINT	F1	FLOOR / ROOF TAG
1 SIM A101	WALL SECTION	XX XX				ADA ACCESSIBLE PATH
1 SIM A101	DETAIL REFERENCE	11				ADA CLEAR FLOOR SPACE REQUIRED
						ADA TURNING RADIUS

PLAN NOTES:

- GENERAL PLAN NOTES:**
- ALL G.W.B. IN WALLS AND CEILING TO BE 5/8" (U.N.O.)
 - ALL DIMENSIONS ARE TO FACE OF CONCRETE / FINISH FACE / GRID LINE (U.N.O.)
 - REFER TO DOOR SCHEDULES (A6.00) FOR ALL DOOR TYPES, SIZES, OPERATION.
 - ALL CODE REQUIRED SIGNAGE IS TO BE PROVIDED PER IBC 1013.4 REQUIREMENTS.
 - INCLUDE 2x BLOCKING IN WALLS AT ALL EQUIPMENT, TOILET ACCESSORIES AND CASEWORK FASTENING LOCATIONS PER INTERIOR ELEVATIONS.

REFER TO THE FOLLOWING SHEETS FOR ADDITIONAL INFORMATION:

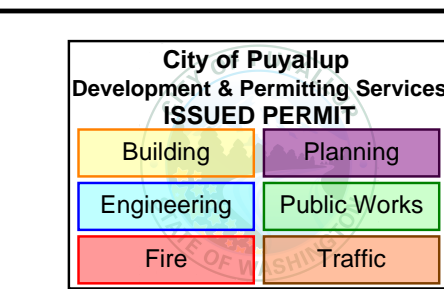
- EGRESS PLANS / ROOM SCHEDULE: G0.45
ACCESSIBILITY NOTES: G0.40, G0.41, G0.42, G.44
WALL ASSEMBLIES: A5.50
CEILING ASSEMBLIES: A5.70
DOOR SCHEDULES & TYPES: A6.00
SCHEDULES & MATERIALS: ID6.20

WALL LEGEND:

- EXISTING WALL TO REMAIN
- NEW WALL FRAMING W/ FINISH



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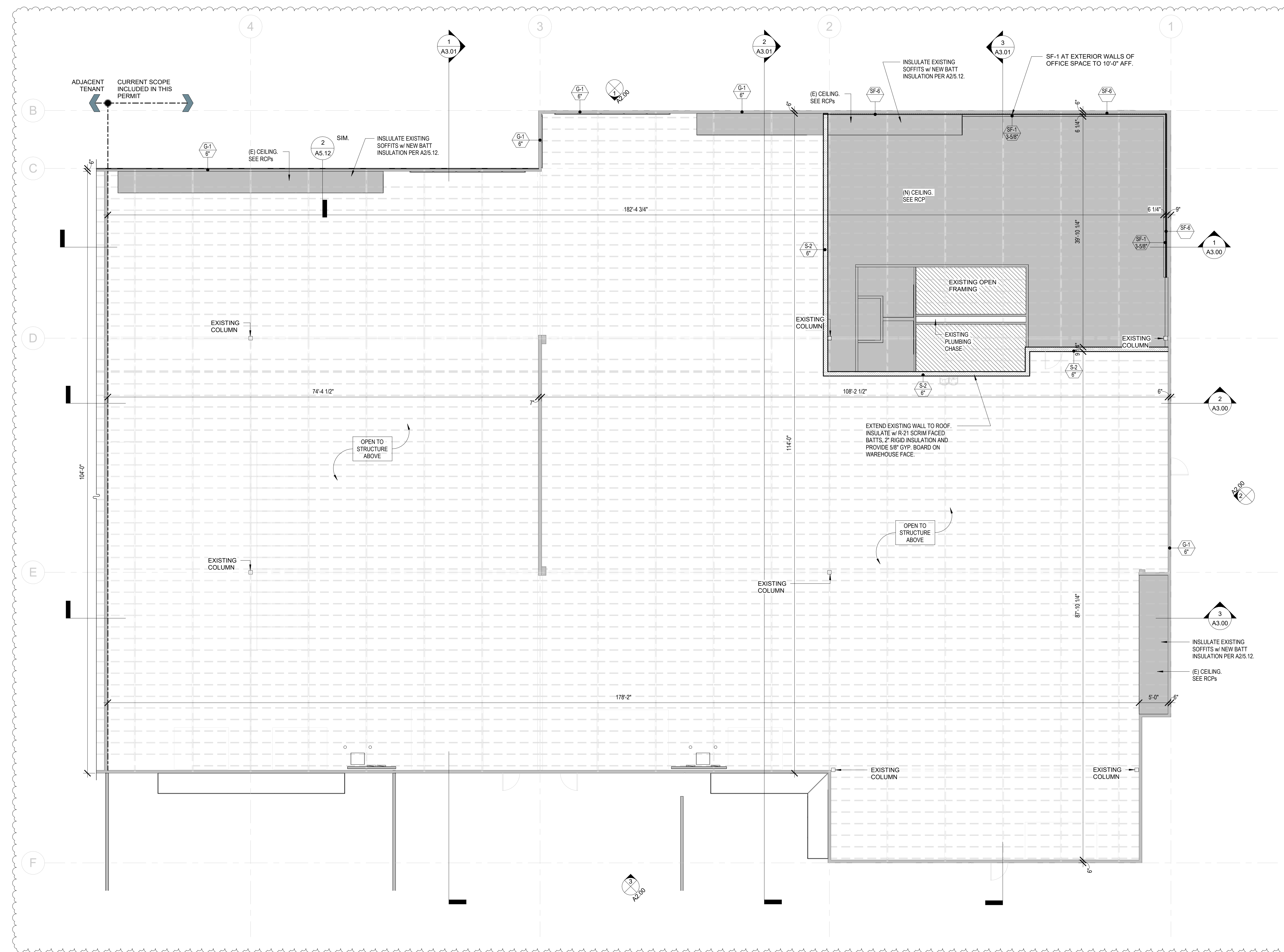
402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:

Floor Plan Level 1 - Upper

Sheet Number:

A1.32



CEILING / SOFFIT SCHEDULE

TYPE MARK	ASSEMBLY DESCRIPTION
ACT-2	TYPICAL ACOUSTIC CEILING ASSEMBLY
CL-4	EXISTING ROOM LID W/ INTERIOR CEILING FINISH. CLEAN AND REPAINT.
ES-1	EXTERIOR SOFFIT (REPLACE INSULATION w/ R-39 PER WSEC NOTES G0.10)

WALL ASSEMBLIES SCHEDULE

MARK	WIDTH	DESCRIPTION	STC RATING	R - VALUE
Exterior				
G-1	0'-6"	EXISTING 6" TILT-UP WALL		
G-2	0'-9"	EXISTING 9" TILT-UP WALL		
Interior				
(E)1	0'-4 3/8"	EXISTING 3-5/8" STEEL STUDS + (1) 5/8" GWB LAYER		
(E)2	0'-5"	EXISTING 3-5/8" STEEL STUDS + 5/8" GWB. EACH SIDE.		
(E)3	0'-7 1/4"	EXISTING 6" STEEL STUDS + 5/8" GWB. EACH SIDE (ASSUMED)		
G-3	0'-7"	EXISTING 7" TILT-UP WALL (V.I.F.)		
S-2	0'-9 1/4"	6" STEEL STUDS W/ BATT INSULATION, 2" RIGID INSULATION ONE SIDE + 5/8" GWB. EACH SIDE	R-13 + R-10ci	
S-2A	0'-2 5/8"	2" RIGID INSULATION + 5/8" GYP. BOARD		10
SF-1	0'-6 1/4"	FURRING - 2" RIGID INSULATION + GAP + 3-5/8" STEEL STUDS, 5/8" GWB.		10
SF-6	0'-2"	2" RIGID INSULATION		10

1 Floor Plan - Level 1 Upper
1/8" = 1'-0"

SYMBOLS AND ABBREVIATIONS:

1 View Name 1/8" = 1'-0"	DRAWING TITLE DRAWING SCALE	1/A3 10 Ref EXTERIOR ELEV. TAG	STUDENT LOUNGE 150 SF ROOM TAG	00.00.00 KEYNOTE TAG
A COLUMN GRID LAYOUT LINES		1/A101 Ref INTERIOR ELEVATION TAG	101 DOOR TAG	F1 FLOOR / ROOF TAG
1 SIM BUILDING SECTION		XXXX SPOT ELEVATION	LAYOUT STARTING POINT	ADA ACCESSIBLE PATH
1 SIM WALL SECTION		11 WALL TAG	11 WALL TAG w/ STUD DEPTH	ADA CLEAR FLOOR SPACE REQUIRED
1 SIM DETAIL REFERENCE		11 STOREFRONT / CURTAINWALL TAG		ADA TURNING RADIUS

PLAN NOTES:

- GENERAL PLAN NOTES:**
- ALL G.W.B. IN WALLS AND CEILING TO BE 5/8" (U.N.O.)
 - ALL DIMENSIONS ARE TO FACE OF CONCRETE / FINISH FACE / GRID LINE (U.N.O.)
 - REFER TO DOOR SCHEDULES (A6.00) FOR ALL DOOR TYPES, SIZES, OPERATION.
 - ALL CODE REQUIRED SIGNAGE IS TO BE PROVIDED PER IBC 1013.4 REQUIREMENTS.
 - INCLUDE 2x BLOCKING IN WALLS AT ALL EQUIPMENT, TOILET ACCESSORIES AND CASEWORK FASTENING LOCATIONS PER INTERIOR ELEVATIONS.

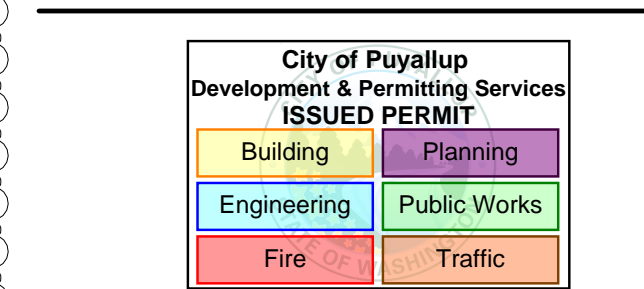
REFER TO THE FOLLOWING SHEETS FOR ADDITIONAL INFORMATION:

- EGRESS PLANS / ROOM SCHEDULE: G0.45
ACCESSIBILITY NOTES: G0.40, G0.41, G0.42, G.44
WALL ASSEMBLIES: A5.50
CEILING ASSEMBLIES: A5.70
DOOR SCHEDULES & TYPES: A6.00
SCHEDULES & MATERIALS: ID6.20

WALL LEGEND:

- EXISTING WALL TO REMAIN
- NEW WALL FRAMING W/ FINISH

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Sheet Title:

Reflected Ceiling Plan - Level 1

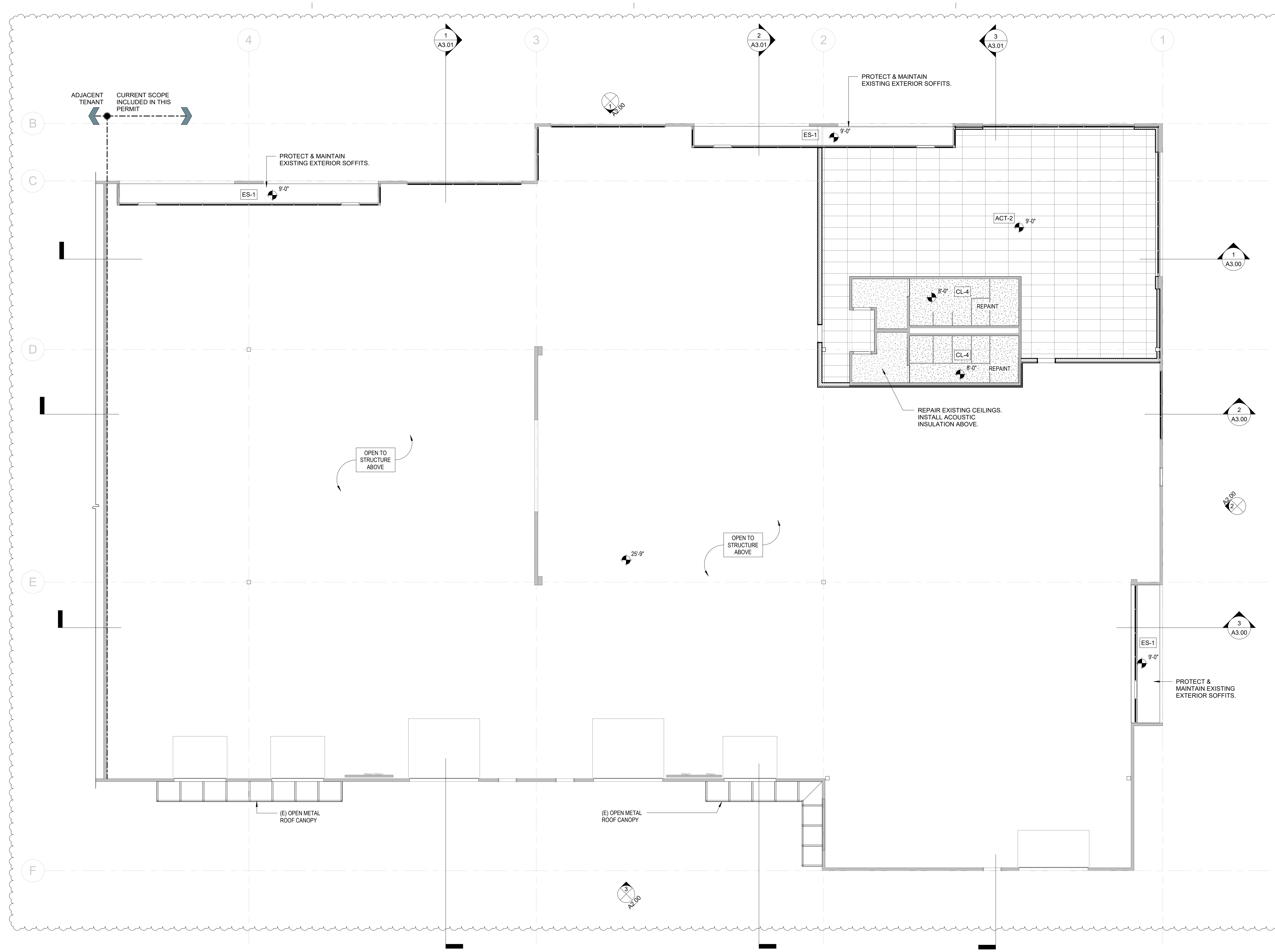
Sheet Number:

A1.33

Project Number: 24098

Date: 29 June 2023

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1 Reflected Ceiling Plan - Level 1
1/8" = 1'-0"

CEILING / SOFFIT SCHEDULE

TYPE MARK	ASSEMBLY DESCRIPTION
ACT-2	TYPICAL ACOUSTIC CEILING ASSEMBLY
CL-4	EXISTING ROOM LID W/ INTERIOR CEILING FINISH. CLEAN AND REPAINT.
ES-1	EXTERIOR SOFFIT (REPLACE INSULATION w/ R-39 PER WSEC NOTES G0.10)

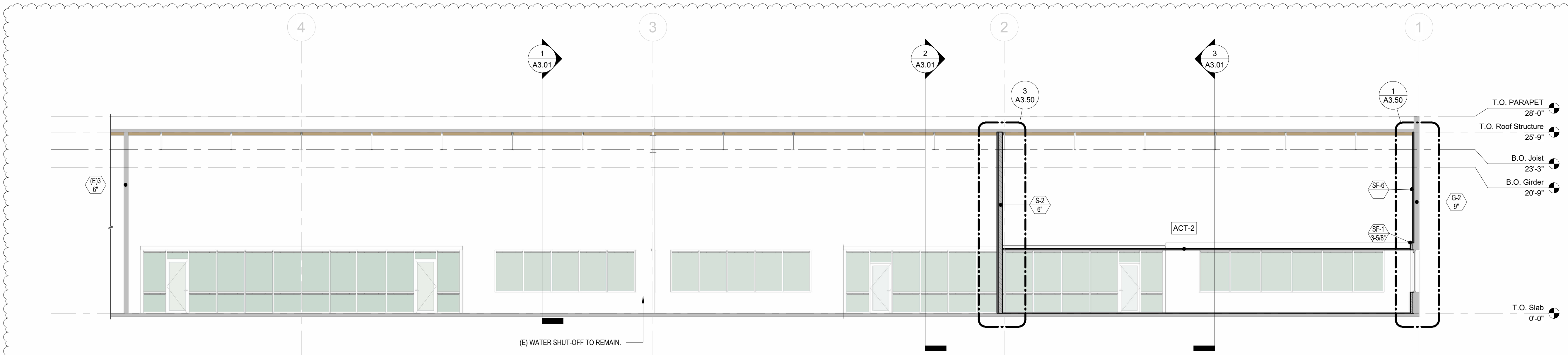
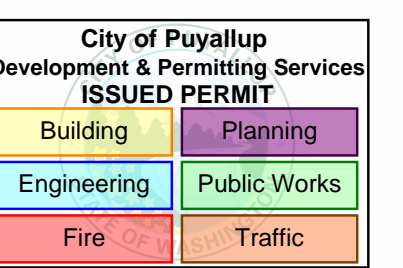
WALL ASSEMBLIES SCHEDULE

MARK	WIDTH	DESCRIPTION	STC RATING	R - VALUE
Exterior				
G-1	0'-6"	EXISTING 6" TILT-UP WALL		
G-2	0'-9"	EXISTING 9" TILT-UP WALL		
Interior				
(E)1	0'-4 3/8"	EXISTING 3-5/8" STEEL STUDS + (1) 5/8" GWB LAYER		
(E)2	0'-5"	EXISTING 3-5/8" STEEL STUDS + 5/8" GWB. EACH SIDE.		
(E)3	0'-7 1/4"	EXISTING 6" STEEL STUDS + 5/8" GWB. EACH SIDE (ASSUMED)		
G-3	0'-7"	EXISTING 7" TILT-UP WALL (V.I.F.)		
S-2	0'-9 1/4"	6" STEEL STUDS W/ BATT INSULATION, 2" RIGID INSULATION ONE SIDE + 5/8" GWB. EACH SIDE		R-13 + R-10ci
S-2A	0'-2 5/8"	2" RIGID INSULATION + 5/8" GYP. BOARD		10
SF-1	0'-6 1/4"	FURRING - 2" RIGID INSULATION + GAP + 3-5/8" STEEL STUDS, 5/8" GWB.		10
SF-6	0'-2"	2" RIGID INSULATION		10

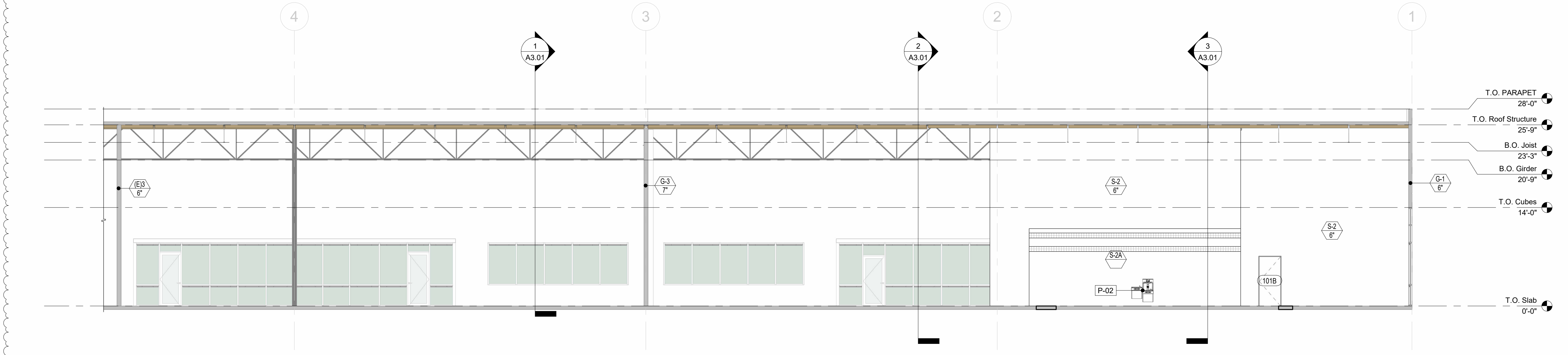


DATE ISSUE

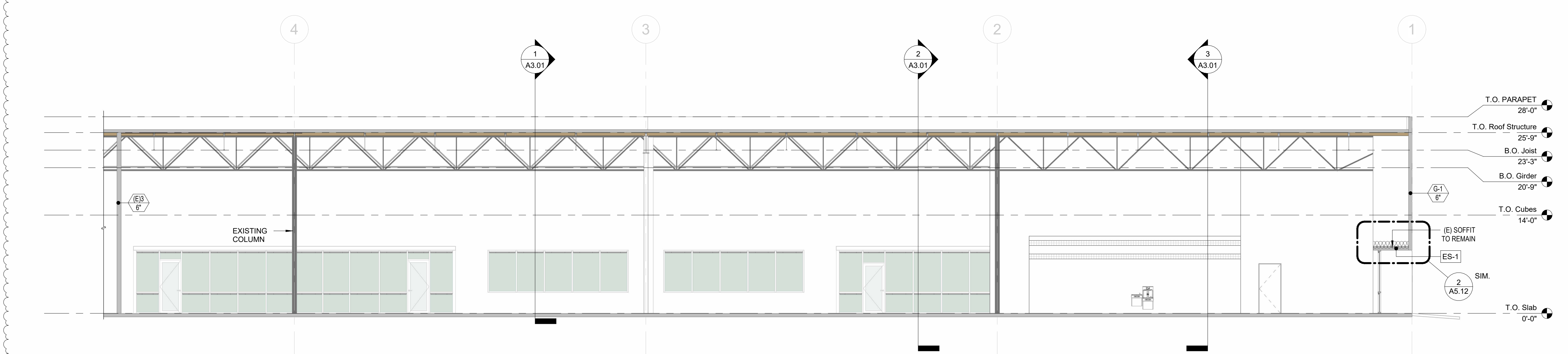
A 29 June 2023 New Permit Submittal



1 Section E/W 1 - Looking North
1/8" = 1'-0"



2 Section E/W 2 - Looking North
1/8" = 1'-0"



3 Section E/W 3 - Looking North
1/8" = 1'-0"

CEILING / SOFFIT SCHEDULE

TYPE MARK	ASSEMBLY DESCRIPTION
ACT-2	TYPICAL ACOUSTIC CEILING ASSEMBLY
CL-4	EXISTING ROOM LID W/ INTERIOR CEILING FINISH. CLEAN AND REPAIR.
ES-1	EXTERIOR SOFFIT (REPLACE INSULATION w/ R-39 PER WSEC NOTES G0.10)

WALL ASSEMBLIES SCHEDULE

MARK	WIDTH	DESCRIPTION	STC RATING	R - VALUE
Exterior				
G-1	0'-6"	EXISTING 6" TILT-UP WALL		
G-2	0'-9"	EXISTING 9" TILT-UP WALL		
Interior				
(E)1	0'-4 3/8"	EXISTING 3-5/8" STEEL STUDS + (1) 5/8" GWB LAYER		
(E)2	0'-5"	EXISTING 3-5/8" STEEL STUDS + 5/8" GWB. EACH SIDE.		
(E)3	0'-7 1/4"	EXISTING 6" STEEL STUDS + 5/8" GWB. EACH SIDE (ASSUMED)		
G-3	0'-7"	EXISTING 7" TILT-UP WALL (V.I.F.)		
S-2	0'-9 1/4"	6" STEEL STUDS W/ BATT INSULATION, 2" RIGID INSULATION ONE SIDE + 5/8" GWB. EACH SIDE	R-13 + R-10ci	
S-2A	0'-2 5/8"	2" RIGID INSULATION + 5/8" GYP. BOARD	10	
SF-1	0'-6 1/4"	FURRING - 2" RIGID INSULATION + GAP + 3-5/8" STEEL STUDS, 5/8" GWB.	10	
SF-6	0'-2"	2" RIGID INSULATION	10	

PRCTI20230973

New Permit Submittal

Drawn By: HCB, KE
Checked By: TR

Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South Puyallup Leasing Tenant Improvements**
Project Address:

402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:

Building Sections E/W

Sheet Number:

A3.00

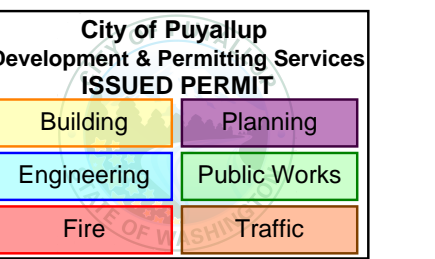
Project Number: 24098

Date: 29 June 2023

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△	DATE	ISSUE
A	29 June 2023	New Permit Submittal



New Permit Submittal

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Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South
Puyallup Leasing
Tenant
Improvements**
Project Address:

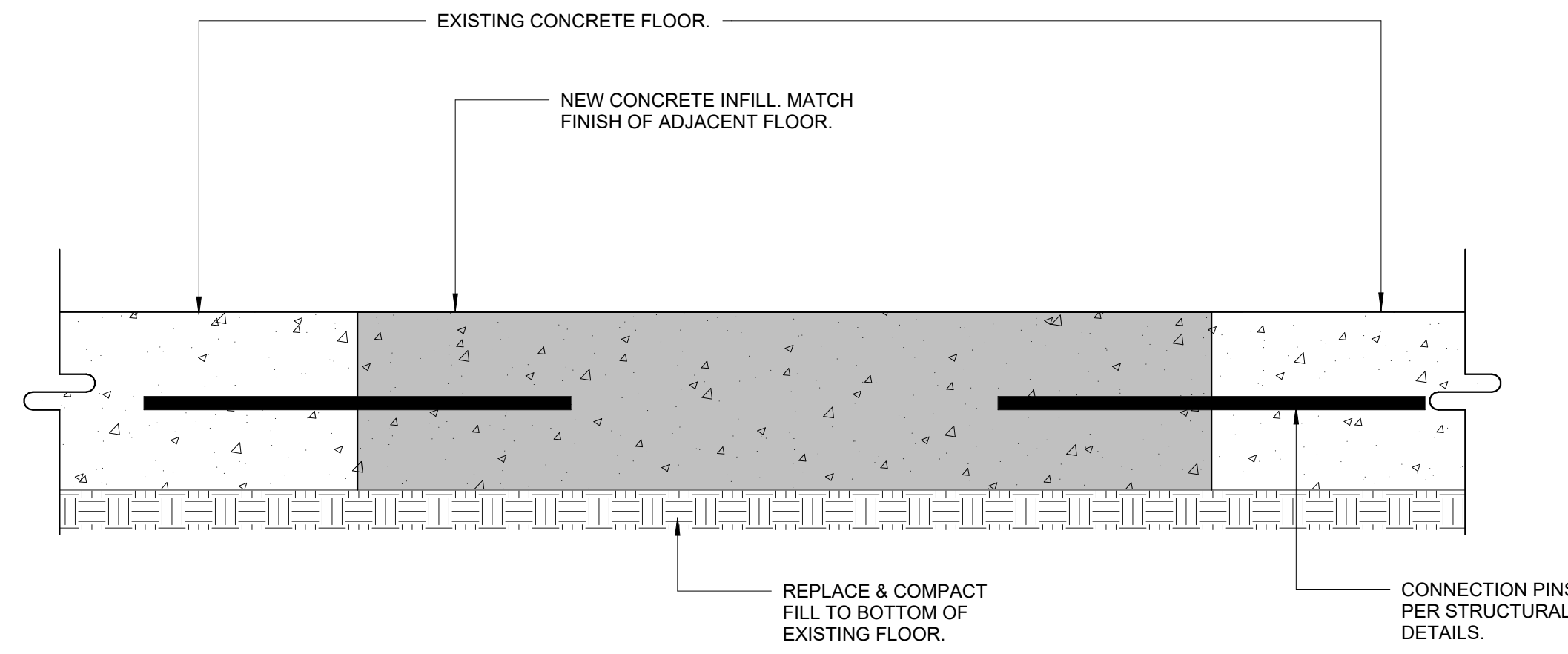
402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:
PRCTI20230973

Section Details

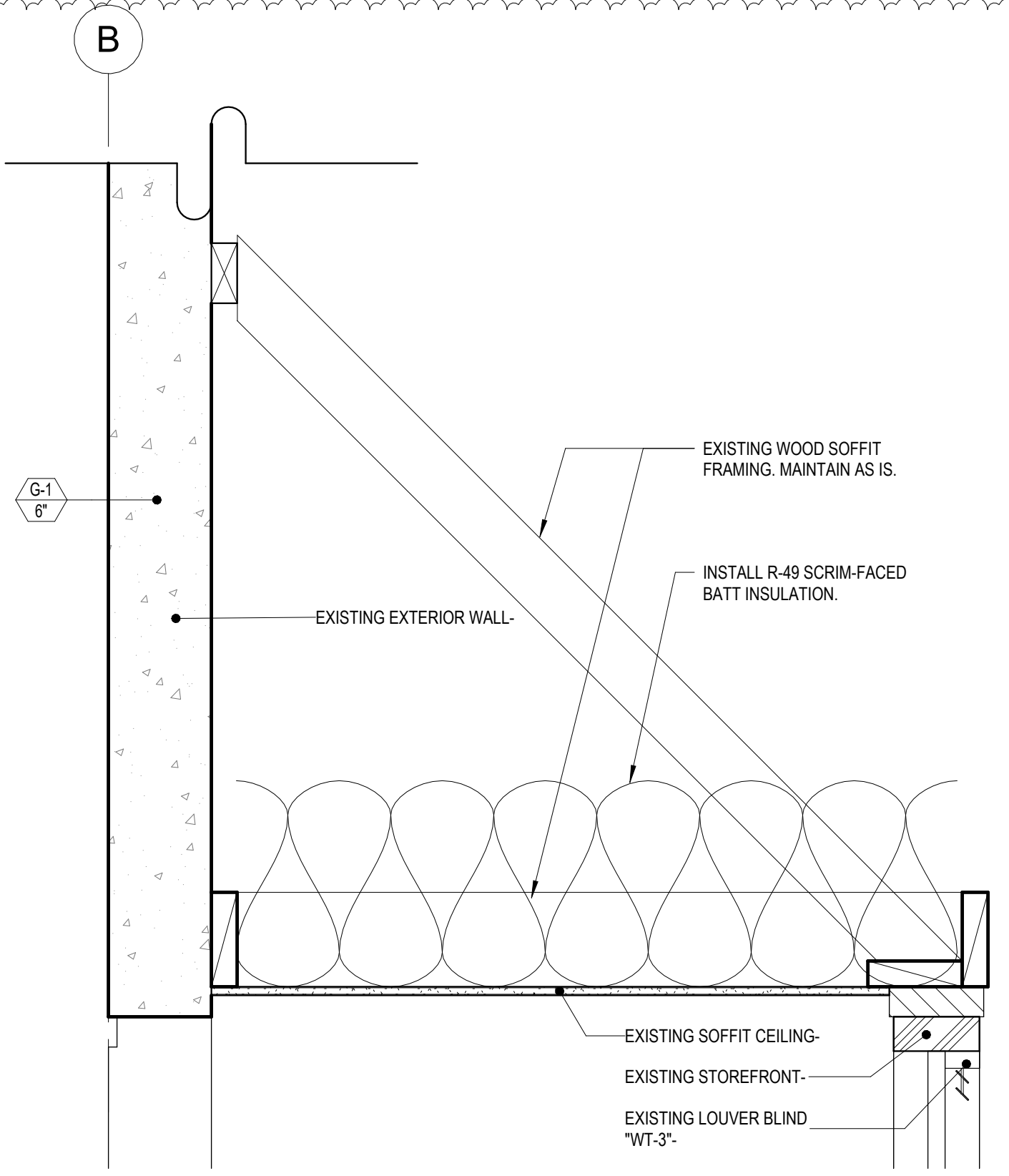
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A5.12

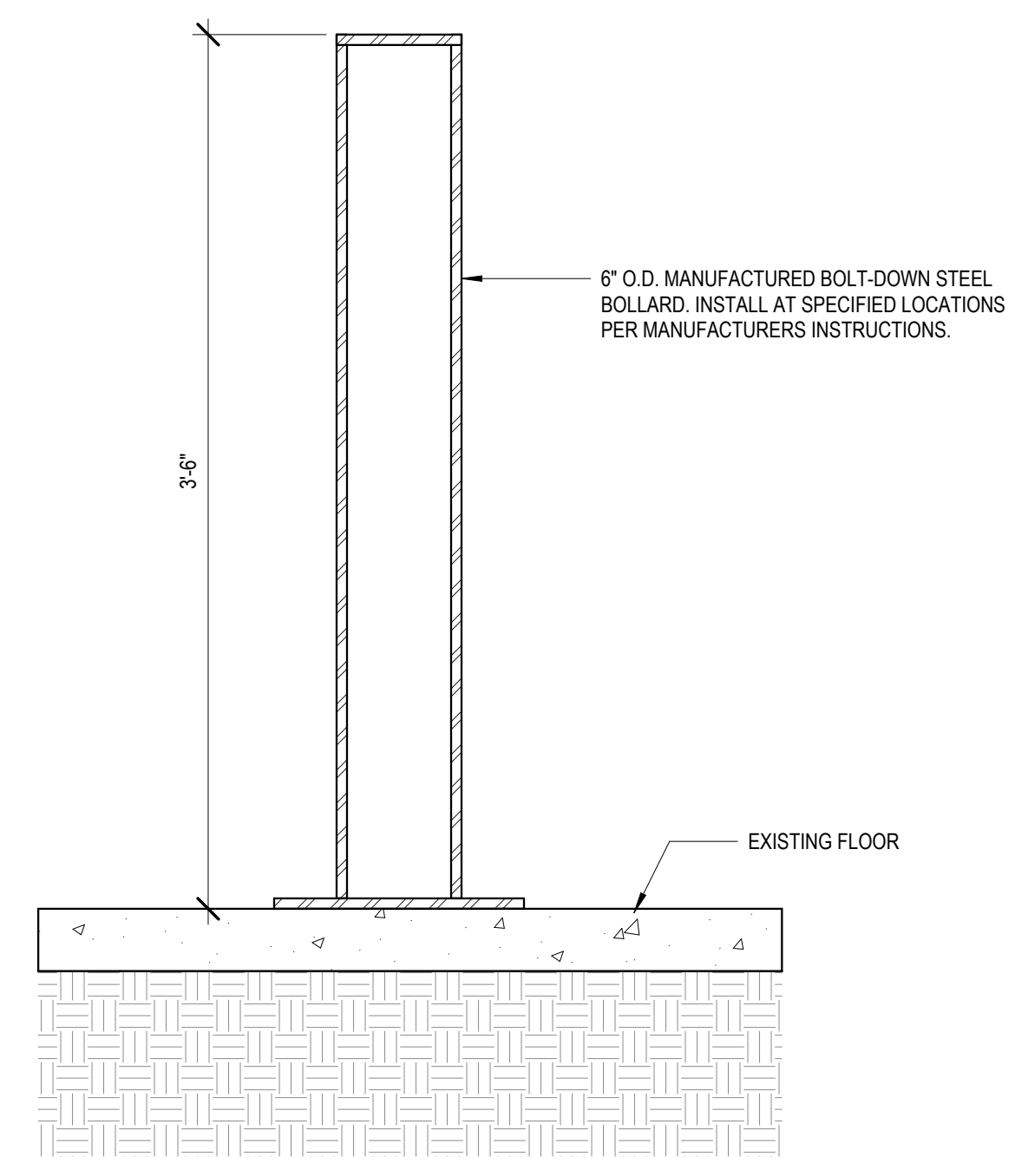


NOTE: FLOOR PATCHING TO MEET SPECIFICATIONS PER LANDLORD NOTES.

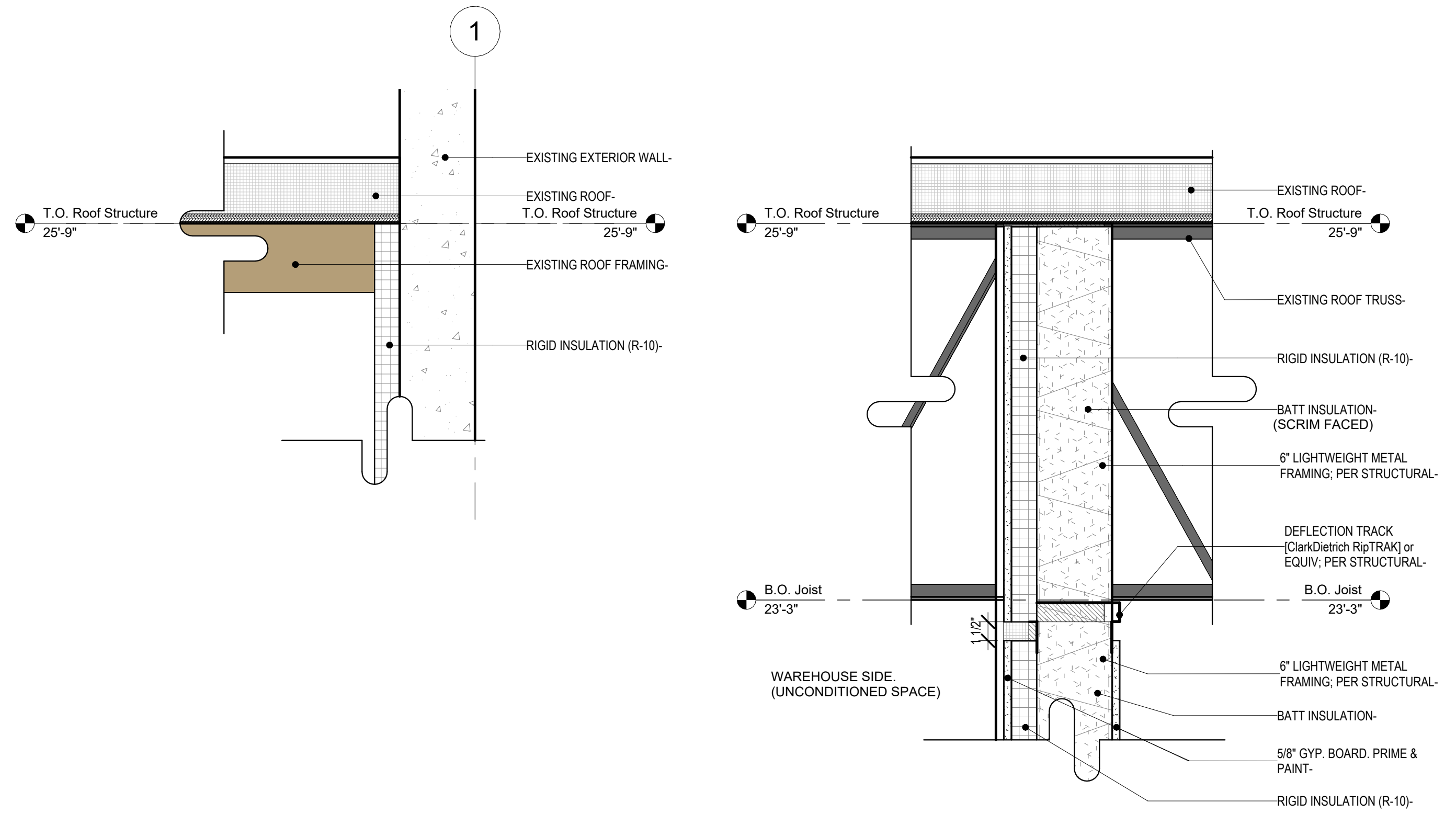
1 Typ. Slab Sawcut Detail
3" = 1'-0"



2 Existing Soffit (North) Section Detail
1 1/2" = 1'-0"

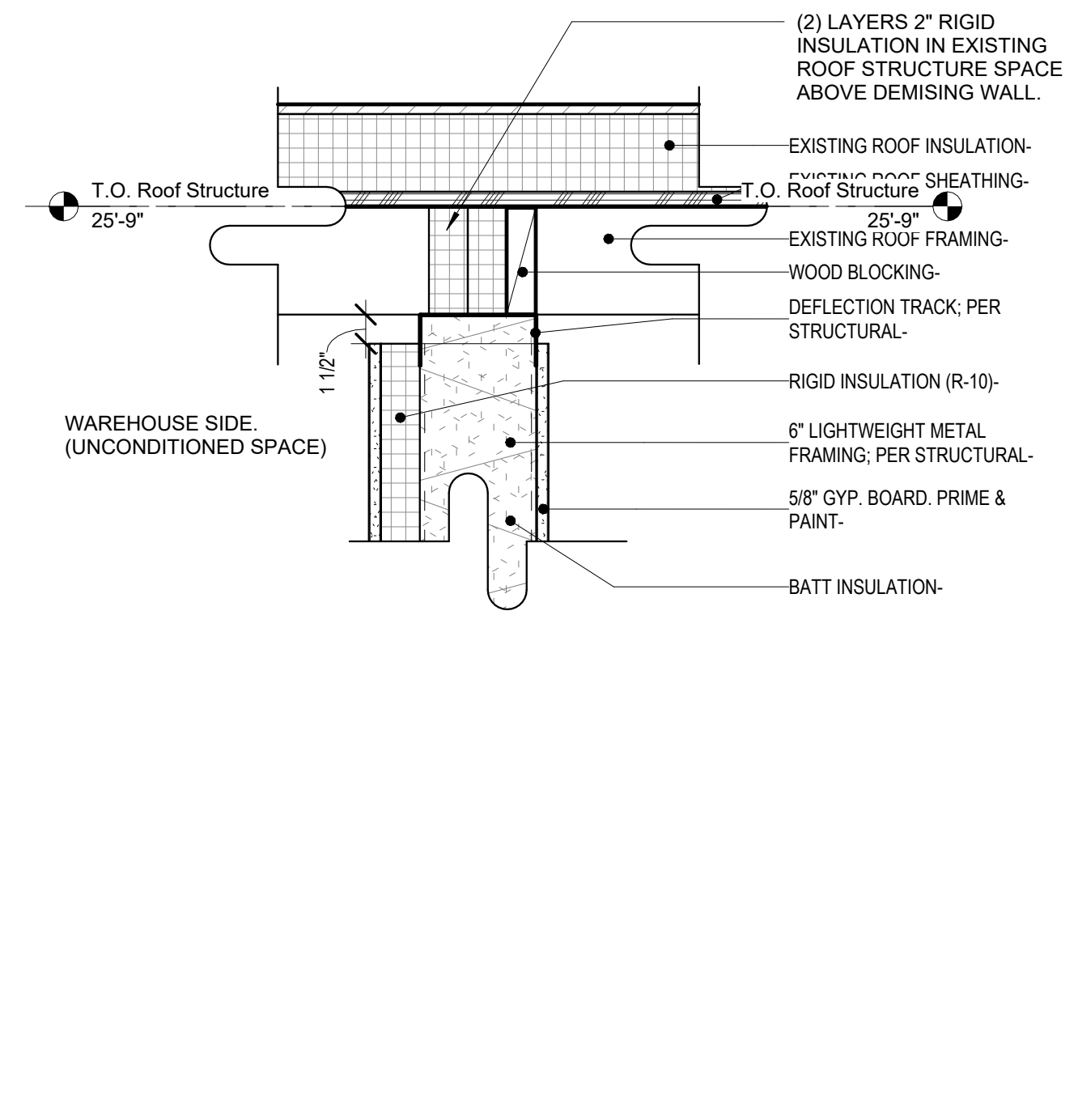


3 Bollard Detail, Typ.
1 1/2" = 1'-0"

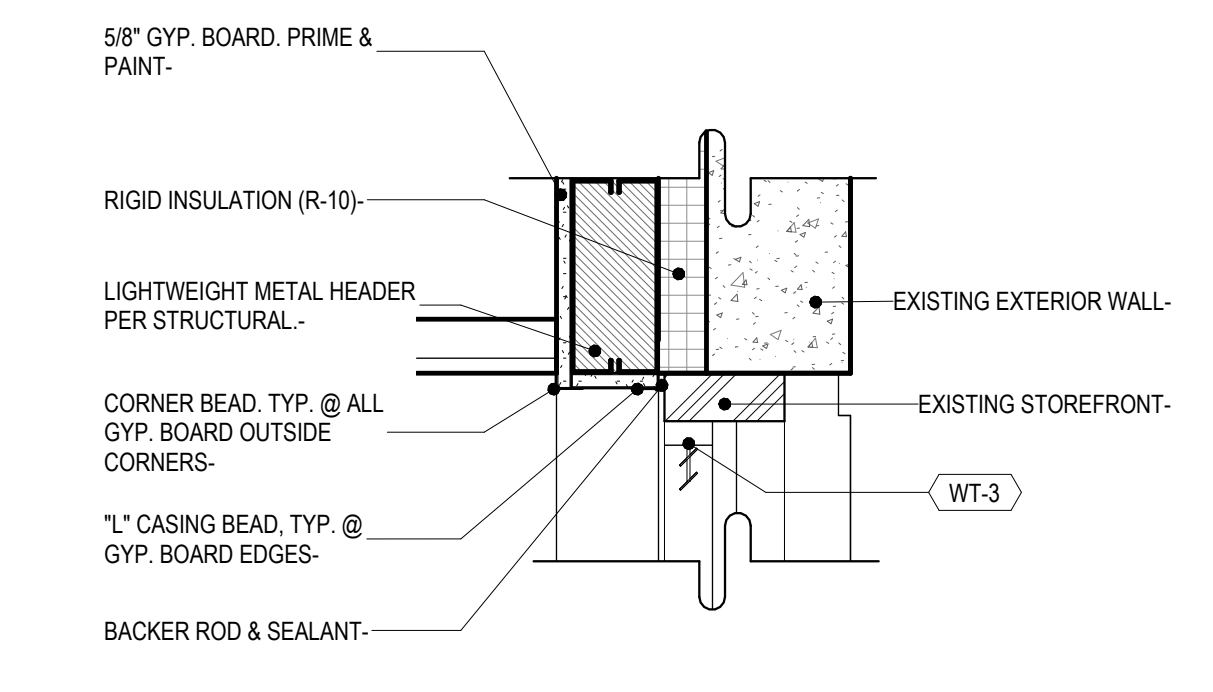


4 Furring Wall @ Roof Detail (Typ.)
1 1/2" = 1'-0"

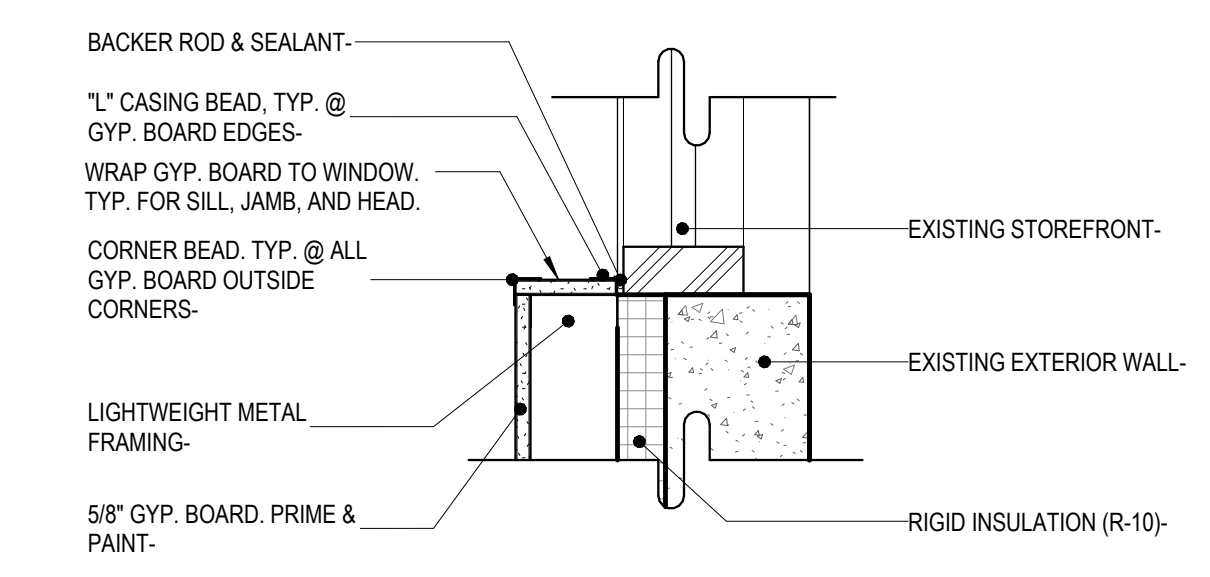
5 Demising Wall Detail @ Roof (E-W)
1 1/2" = 1'-0"



6 Demising Wall Detail @ Roof (N-S)
1 1/2" = 1'-0"



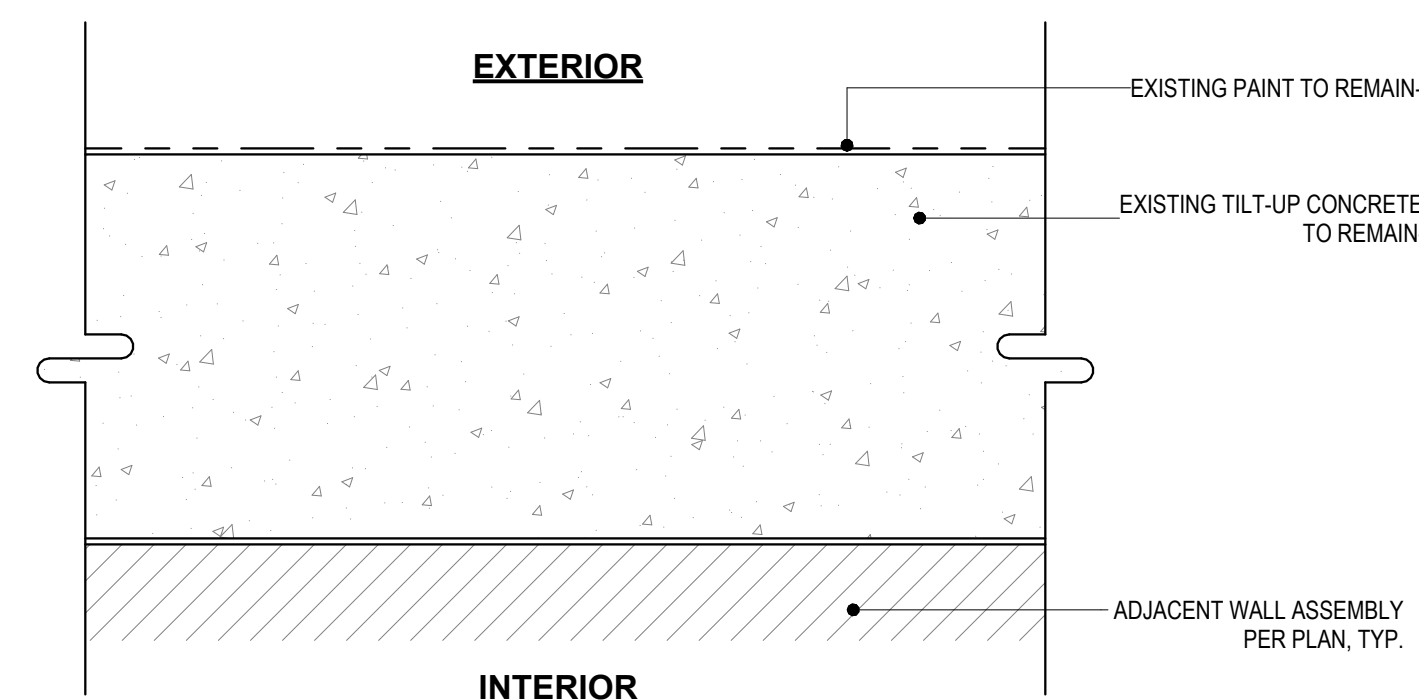
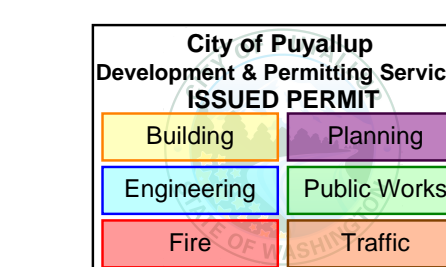
7 Existing Storefront Head, TYP.
1 1/2" = 1'-0"



8 Existing Storefront Wall Sill, TYP.
1 1/2" = 1'-0"



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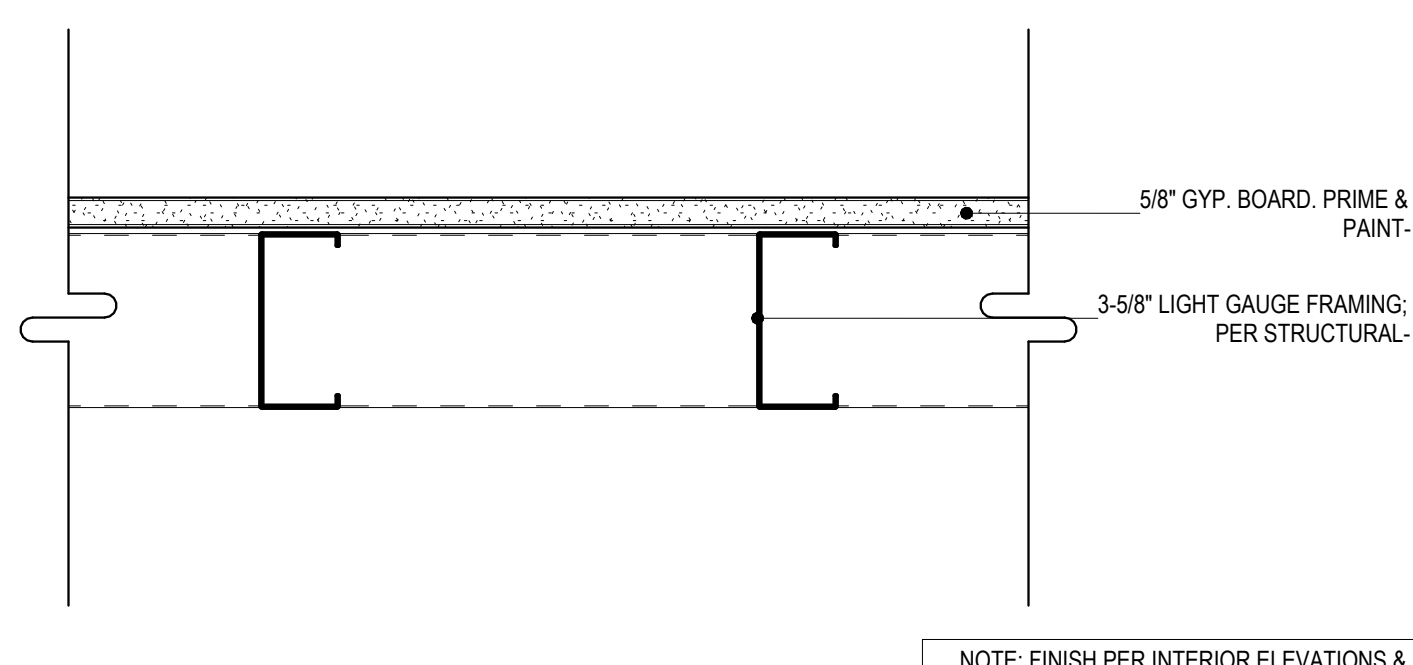


WALL TYPE - G1 / G2

MARK	WIDTH	DESCRIPTION	R-VALUE	STC RATING
Exterior				
G-1	6"	EXISTING 6" TILT-UP WALL		
G-2	9"	EXISTING 9" TILT-UP WALL		

1 G-1 / G-2 - Existing Tilt-Up Concrete Wall

3" = 1'-0"

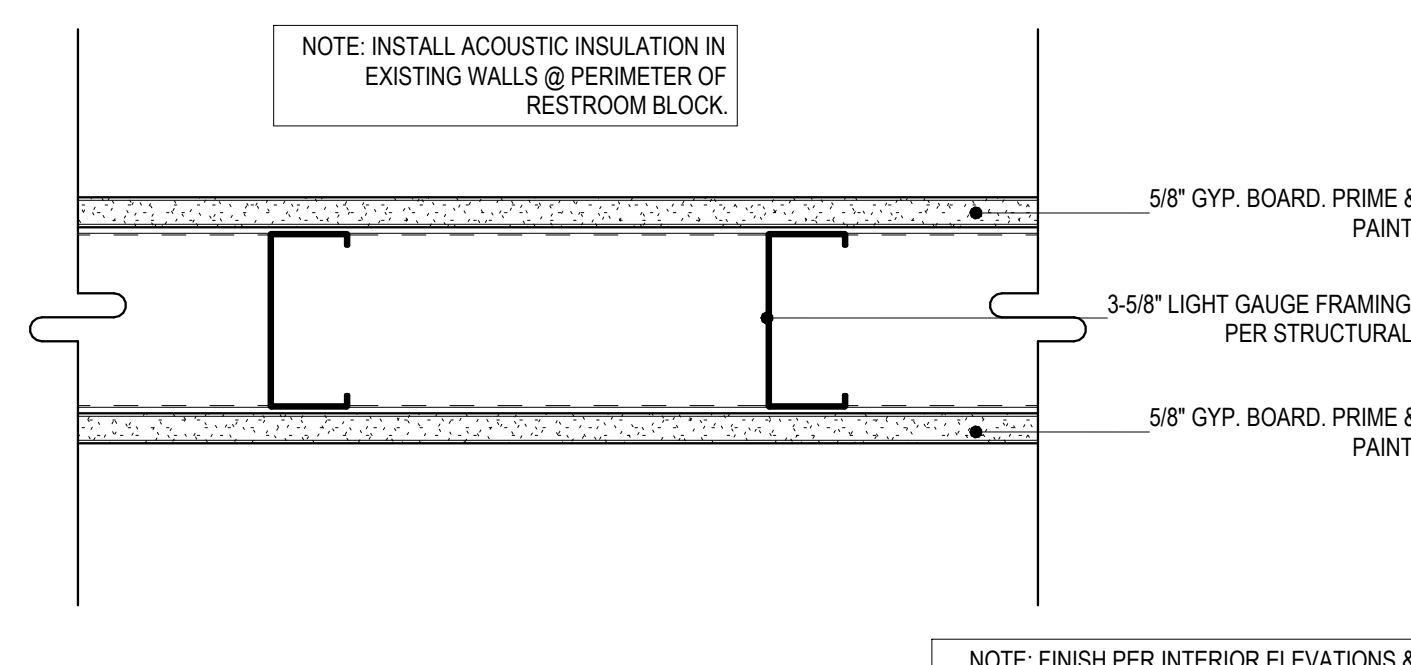


WALL TYPE - (E)1

MARK	WIDTH	DESCRIPTION	R-VALUE	STC RATING
Interior				
(E)1	4 3/8"	EXISTING 3-5/8" STEEL STUDS + (1) 5/8" GWB LAYER		

2 (E)1 - Existing 3-5/8" Stud Wall + (1) GWB

3" = 1'-0"

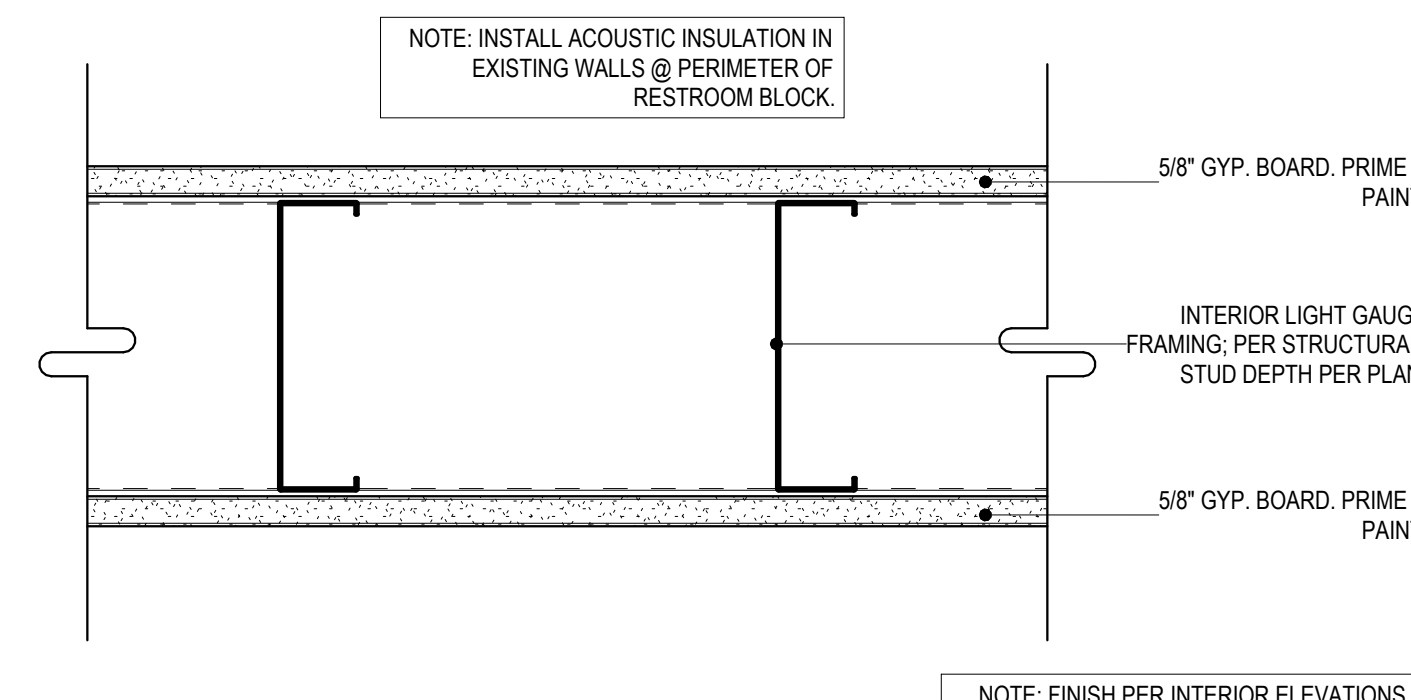


WALL TYPE - (E)2

MARK	WIDTH	DESCRIPTION	R-VALUE	STC RATING
Interior				
(E)2	5"	EXISTING 3-5/8" STEEL STUDS + 5/8" GWB. EACH SIDE.		

3 (E)2 - Existing 3-5/8" Stud Wall + (2) GWB

3" = 1'-0"

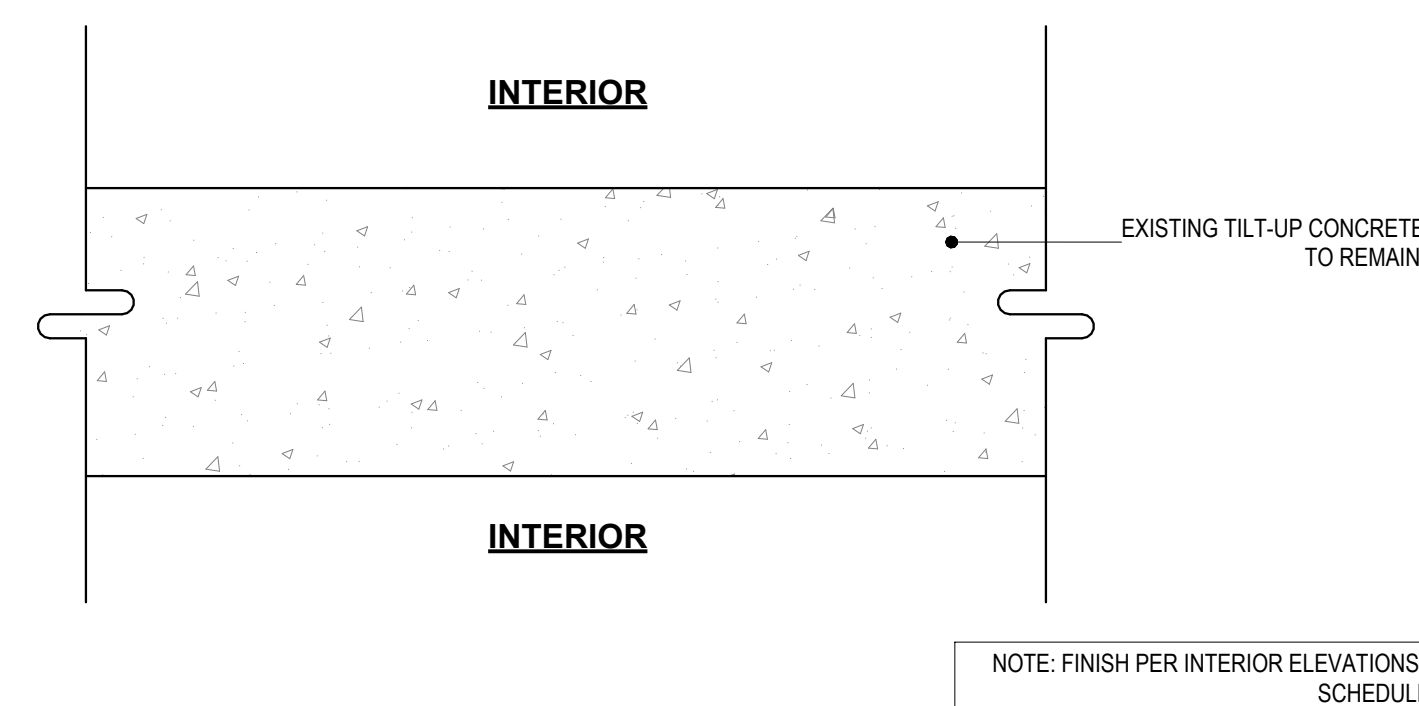


WALL TYPE - (E)3

MARK	WIDTH	DESCRIPTION	R-VALUE	STC RATING
Interior				
(E)3	7 1/4"	EXISTING 6" STEEL STUDS + 5/8" GWB. EACH SIDE (ASSUMED)		

4 (E)3 - Existing 6" Stud Wall + (2) GWB

3" = 1'-0"

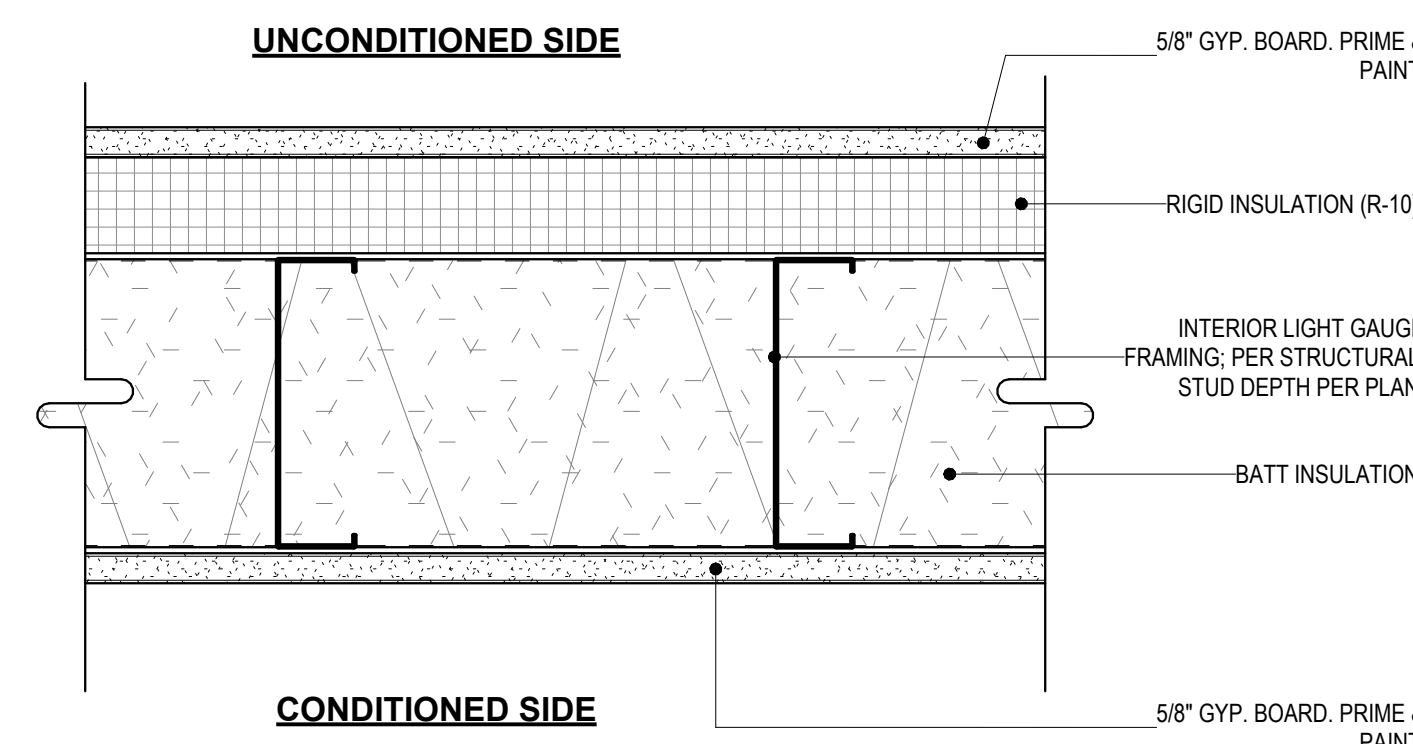


WALL TYPE - G3

MARK	WIDTH	DESCRIPTION	R-VALUE	STC RATING
Interior				
G-3	7"	EXISTING 7" TILT-UP WALL (V.I.F.)		

5 G-3 - Existing 7" Tilt-Up Concrete Wall

3" = 1'-0"

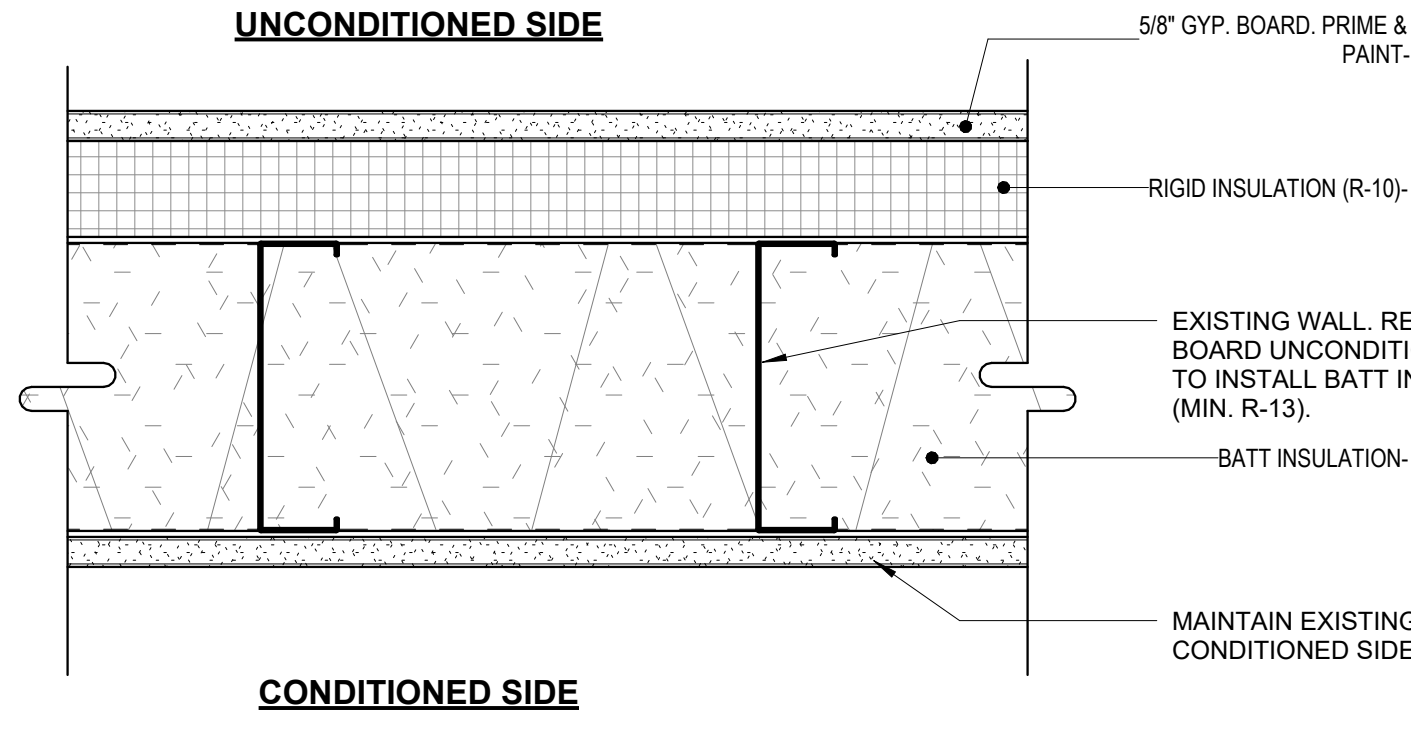


WALL TYPE - S-2

MARK	WIDTH	DESCRIPTION	R-VALUE	STC RATING
Interior				
S-2	0'-9 1/4"	6" STEEL STUDS W/ BATT INSULATION, 2" RIGID INSULATION ONE SIDE + 5/8" GWB. EACH SIDE	R-13 + R-10ci	

6 S-2 - 6" Stud Demising Wall

3" = 1'-0"

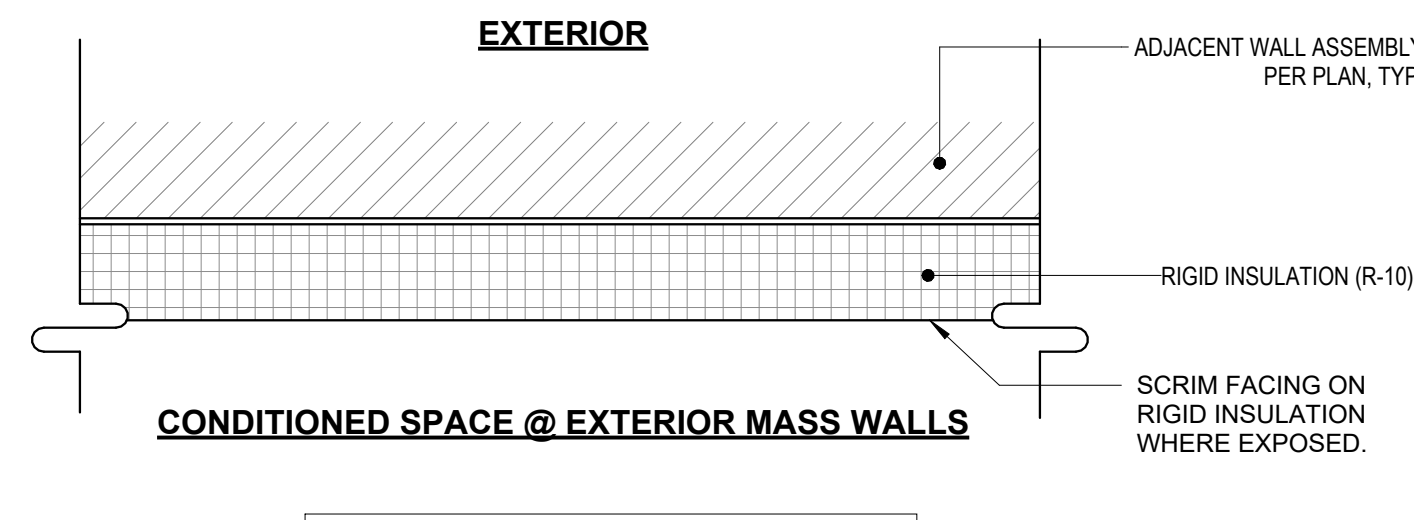


WALL TYPE - S-2A

MARK	WIDTH	DESCRIPTION	R-VALUE	STC RATING
Interior				
S-2A	0'-2 5/8"	2" RIGID INSULATION + 5/8" GYP. BOARD	10	

7 S-2A - Demising Wall @ Existing

3" = 1'-0"



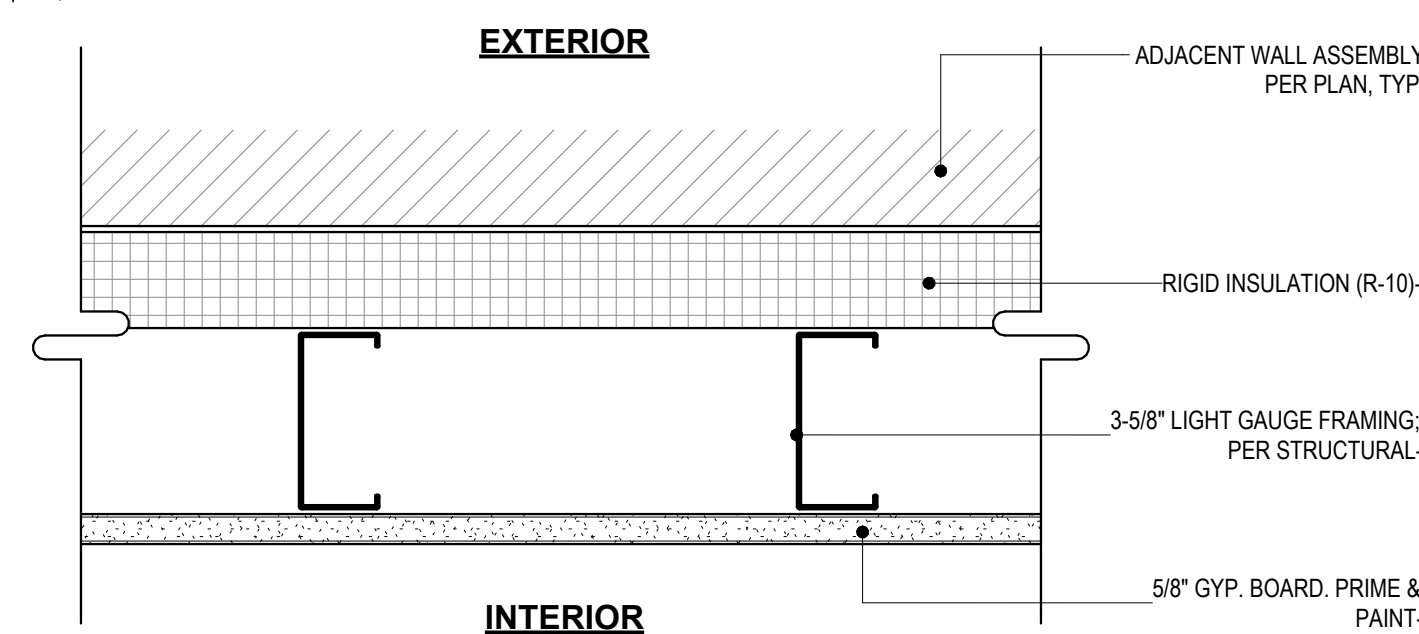
WALL TYPE - SF-6

MARK	R-VALUE	FIRE RATING	STC RATING
Interior			
SF-6	10		

8 SF-6 - Furring 2" Rigid Insul.

3" = 1'-0"

NOTE: GYP. BOARD FOR CONDITIONED SIDE OF S-2 WALLS CAN BE OMITTED ABOVE 9'-6" (ABOVE SUSPENDED CEILING) IN LIEU OF HORIZONTAL STRAPPING @ 4'-0" O.C. PER STRUCTURAL NOTES.



FASTEN RIGID INSULATION TO EXTERIOR CONCRETE WALL w/ "RAMSET LF" (or EQUIV.) FASTENERS @ 16" O.C

WALL TYPE - SF-1

MARK	WIDTH	DESCRIPTION	R-VALUE	STC RATING
Interior				
SF-1	6 1/4"	FURRING- 2" RIGID INSULATION + GAP + 3-5/8" STEEL STUDS, 5/8" GWB.	10	

9 SF-1 - Furring 2" Rigid Insul. + Studs

3" = 1'-0"

PRCTI20230973

New Permit Submittal

Drawn By: HCB, KE
Checked By: TR

Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South Puyallup Leasing Tenant Improvements**

Project Address:
402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:

Wall Assembly Types

Sheet Number:

A5.50

Project Number: 24098

Date: 29 June 2023

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CITC South Puyallup Leasing Tenant Improvements

402 Valley Ave NW, Puyallup, WA 98371 Suites 101 - 104
New Permit Submittal - 29 June 2023



PROJECT DIRECTORY:

OWNER:

CITC OF WASHINGTON
1930 116TH AVE NE
BELLEVUE, WA 98004

CONTACT: HALENE SIGMUND
HALENE@CITCWA.COM
(425) 454-2483 (PH)

ARCHITECT:

RHODES ARCHITECTURE + LIGHT
4218 SW ALASKA ST, SUITE G
SEATTLE, WA 98116
(206) 933-1257
RHODESARCHITECTURE.COM

CONTACT:
TIM RHODES, (PRINCIPAL) AIA
TIM@RHODESARCHITECTURE.COM
(206) 427-4167 (PH)

KEVIN EBERSOLE (PM), RA, NCARB
KEVIN@RHODESARCHITECTURE.COM
(425) 770-4289 (PH)

GENERAL CONTRACTOR:

RAFN COMPANY
1721 132ND AVE NE
BELLEVUE, WA 98005
WWW.RAFN.COM

CONTACT: DARCY TSUJIKAWA
DARCY@RAFN.COM
(206) 790-5875 (PH)

WASHINGTON BUSINESS LICENSE:
600-275-503
RESELLER PERMIT #: A15550423
PUYALLUP BUSINESS LICENSE:
(VALID THRU SEPT 30 2023)

STRUCTURAL ENGINEER:

SWENSON SAY FAGET ENGINEERING
932 BROADWAY AVENUE
TACOMA, WA 98402
WWW.SWENSONSAYFAGET.COM

CONTACT: RYAN REICHMAN, P.E.
(253) 284-9470 (PH)
(253) 284-9471 (FAX)
RREICHMAN@SWENSONSAYFAGET.COM

ELECTRICAL + LIGHTING (DESIGN / BUILD):

SEA-TAC ELECTRIC
7056 S 220TH ST
KENT, WA 98032
WWW.SEATACELECTRIC.COM

CONTACT: COREY MCKINNON
COREY.MCKINNON@SEATACELECTRIC.COM
(253) 867-2354 (PH)

MECHANICAL (DESIGN / BUILD):

MCS
6426 18TH STREET E
FIFE, WA 98424
MECHANICALCONTROLSERVICES.COM

CONTACT: HVAC DOUBLE CHECK
INFO@HVACDOUBLECHECK.COM
(206) 249-6154 (PH)

PLUMBING (DESIGN / BUILD):

COMFORT SYSTEMS NORTHWEST
18702 NORTH CREEK PKWY #110
BOTHELL, WA 98011
WWW.COMFORTSYSTEMSUSANORTHWEST.COM

CONTACT: SCOTT GUSTAFSON
SGUSTAFSON@CSUSANW.COM
(425) 883-9224 (PH)

PROJECT INFORMATION

ADDRESS:
402 VALLEY AVE. NW
PUYALLUP, WA 98371

TAXPAYER:
PROLOGIS, INC.
12720 GATEWAY DRIVE, SUITE 110
TUKWILA, WA 98168

TAX PARCEL #:
0420215017

PROJECT NUMBER:
24098

PROJECT DESCRIPTION:
TENANT IMPROVEMENT OF EXISTING BUILDING, FULLY CONDITIONED OPEN OFFICE W/ RESTROOMS, REMAINDER OF SPACE "SEMI-HEATED" OPEN WAREHOUSE.

LEGAL DESCRIPTION:
SECTION 21 TOWNSHIP 20 RANGE 04 QUARTER 13 PARCEL "C" OF DBLR 2002-09-18-5002 DESC AS FOLL L1 OF S P 97-09-29-0267 TOG/W FOLL BEG AT SE COR OF SD L 1 TH N 27 DEG 09 MIN 43 SEC E 484.53 FT TH S 62 DEG 50 MIN 17 SEC E 45.56 FT S 32 DEG 10 MIN 00 SEC W 486.29 FT TO INTER OF NON-TANG C TO R RAD 3870 FT TH NWLY 3.15 FT THRU A CENT ANGLE OF 00 DEG 02 MIN 48 SEC TO POB ALSO TOG/W FOLL DESC PROP BEG AT SE COR OF ABOVE DESC PROP TH N 32 DEG 10 MIN 00 SEC E 486.29 FT TH S 62 DEG 50 MIN 17 SEC 3.122 10 FT TH S 27 DEG 09 MIN 43 SEC W 475.43 FT TO INTER OF NON-TANG C TO R RAD 3870 FT TH NWLY 169.77 FT THRU CENT ANGLE OF 02 DEG 30 MIN 49 SEC TO POB EASE OF REC OUT OF 5-008 & 5-009 SEG 2005-0690 11/02/04CL

PROJECT AREAS:
EXTERIOR FOOTPRINT FULL BUILDING: 72,775 SF

TENANT AREA FOR THIS PERMIT: 21,170 SF

BUILDING CODE COMPLIANCE:

JURISDICTION:
CITY OF PUYALLUP

APPLICABLE CODES:
MUNICIPAL CODE: PUYALLUP MUNICIPAL CODE

ZONING CODE: PUYALLUP ZONING CODE (TITLE 20)

ZONING USE: ML - LIMITED MANUFACTURING ZONE (CHAPTER 20.35)

PERMITTED USE: ALLOWED UNDER 20.35.010
(1) CONTRACTORS SHOPS OR STORAGE YARDS
(2) WAREHOUSE AND DISTRIBUTION
(8) BUSINESS PARK USES

PARKING USE: MIXED USE PER 20.55.010
(20) PROFESSIONAL OFFICES (OTHER):
1 PER 300 SF OF GROSS FLOOR AREA
(32) WAREHOUSE AND STORAGE FACILITIES:
1 PER 2,000 SF OF GROSS FLOOR AREA

BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE
W/ WASHINGTON STATE AMENDMENTS

FIRE CODE: 2018 INTERNATIONAL FIRE CODE
W/ WASHINGTON STATE AMENDMENTS

MECHANICAL CODE: 2018 INTERNATIONAL MECHANICAL CODE
W/ WASHINGTON STATE AMENDMENTS

PLUMBING CODE: 2018 UNIFORM PLUMBING CODE
W/ WASHINGTON STATE AMENDMENTS

ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE

ENERGY CODE: 2018 WASHINGTON STATE ENERGY CODE

BUILDING CODE INFORMATION:

CONSTRUCTION TYPE: TYPE III-B
OCCUPANCY: BUSINESS GROUP B, STORAGE GROUP S

ENERGY CODE INFORMATION:

COMPLIANCE: PRESCRIPTIVE PATH (REFER TO WSEC ENVELOPE COMPLIANCE SUMMARY)

TENANT IMPROVEMENT OF EXISTING BUILDING, FULLY CONDITIONED OPEN OFFICE W/ RESTROOMS, REMAINDER OF SPACE "SEMI-HEATED" OPEN WAREHOUSE.

MIN. INSULATION VALUES C402.1.3:

BUILDING ROOF:	R-39 INSULATION ENTIRELY ABOVE DECK (EXISTING)
ATTIC AND OTHER:	R-49
WALLS (MASS):	R-9.5 CONTINUOUS INSULATION (NEW)
WALLS (STEEL FRAMED):	R-13 + R-10 CONTINUOUS INSULATION
SLAB (UNHEATED):	R-10 PERIMETER (EXISTING)
	R-10 PERIMETER (EXISTING)

*NOTE: PER C402.1.1.2 SEMI-HEATED SPACES THAT DO NOT INCLUDE ELECTRIC RESISTANCE HEAT ARE NOT REQUIRED TO COMPLY WITH THE OPAQUE WALL INSULATION PROVISIONS.

TABLE C303.1.3(1):

VERTICAL GLAZING: U=0.80 METAL, DOUBLE PANE (EXISTING)

PROVIDE OCCUPANCY SENSORS AT ALL LOCATIONS WHERE REQUIRED BY WSEC SECTION C402.2. SEE LIGHTING BELOW.

PROVIDE AUTOMATIC CONTROLS TO TURN OFF LIGHTS DURING UNOCCUPIED HOURS AS REQUIRED BY WSEC SECTION C406.2. SEE LIGHTING BELOW.

LIGHTING:

ALL AREAS ENCLOSED BY WALLS OR FULL-HEIGHT PARTITIONS ARE REQUIRED TO HAVE AT LEAST ONE MANUAL CONTROL FOR LIGHTING.

EACH AREA REQUIRED TO HAVE MANUAL CONTROLS SHALL ALSO HAVE A CONTROL TO REDUCE LIGHTING BY 50% IN A REASONABLE UNIFORM ILLUMINATION PATTERN, OR PROVIDE AN OCCUPANCY SENSOR DEVICE.

OCCUPANCY SENSOR ARE REQUIRED IN: RESTROOMS, WAREHOUSE, AND ANY ROOM 300 SF OR LESS ENCLOSED BY FULL HEIGHT WALLS. THE SENSORS SHALL TURN OFF THE LIGHT WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE.

SYSTEMS OPERATION TRAINING:

MAINTENANCE STAFF TRAINING REQUIRED BY C103.6.4 SHALL INCLUDE AT MINIMUM:
1. REVIEW OF MANUALS AND PERMANENT CERTIFICATE.
2. HANDS-ON DEMONSTRATION OF ALL NORMAL MAINTENANCE PROCEDURES, NORMAL OPERATING MODES, AND ALL EMERGENCY SHUTDOWN AND START-UP PROCEDURES.
3. TRAINING COMPLETION REPORT.

GENERAL PROJECT NOTES:

- THE BUILDING UNDER THIS CONTRACT INCLUDING ALL CONNECTIONS AND INTERCONNECTIONS WITHIN A SYSTEM AND BETWEEN SYSTEMS TO PROVIDE A COMPLETE OPERATING BUILDING/FACILITY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION AND COORDINATION OF ALL "DESIGN-BUILD" CONTRACTORS, SUBCONTRACTORS, AND OTHER TRADES AND SERVICES, AND ANY OTHER PROVISIONS REQUIRED TO PROVIDE THE OWNER WITH A FINISHED, FULLY OPERATING BUILDING UPON COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL REVIEW ALL APPLICABLE BUILDING, ZONING, AND ENERGY CODES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR FULLY COMPLYING WITH THE CURRENT CODES AS AMENDED AND ADOPTED BY LOCAL JURISDICTION. THE CONTRACTOR SHALL COMPLY WITH THE CURRENT EDITIONS OF THE INTERNATIONAL MECHANICAL & NATIONAL ELECTRICAL CODES, WASHINGTON STATE ENERGY CODE, LOCAL JURISDICTION LAND USE CODE, AND ANY OTHER APPLICABLE CODES DURING THE PERFORMANCE OF THE WORK.
- THE CONTRACTOR SHALL PERFORM ALL ASPECTS OF THE WORK IN COMPLIANCE WITH THESE DOCUMENTS UNLESS A CONFLICT WITH THE GOVERNING CODES AND ORDINANCES IS IDENTIFIED. IN THE CASE OF A CONTRACTOR IDENTIFIED AREA OF NON-COMPLIANCE WITH GOVERNING CODES, THE CONTRACTOR SHALL BRING THAT AREA TO THE ATTENTION OF THE ARCHITECT. ANY PERCEIVED ERRORS, OMISSIONS, OR DISCREPANCIES IN THE PROJECT DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT. INTERPRETATION OF THE PROJECT DOCUMENTS SHALL BE DONE BY THE ARCHITECT ONLY.
- THE CONTRACTOR SHALL CORRELATE AND CONFIRM ALL QUANTITIES AND DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL PROJECT DIMENSIONS AND DETAILS PRIOR TO RELATED WORK AND THE FABRICATION OF MATERIALS INSTALLED AS PART OF THIS PROJECT. EXISTING DIMENSIONS AND DETAILS THAT CONFLICT WITH THESE DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. THE CONTRACTOR SHALL, IF REQUIRED, SUPPLY DIMENSIONS AND DETAILS IN DOCUMENTATION OF AREAS OF THE EXISTING CONSTRUCTION THAT VARY FROM THESE DOCUMENTS.
- THE CONTRACTOR SHALL REVIEW AND SIGN ONE SET OF CONSTRUCTION DOCUMENTS AT THE START OF WORK TO SIGNAL HIS ACCEPTANCE OF THE PROJECT CONDITIONS. ONE (1) SIGNED SET OF CONSTRUCTION DOCUMENTS SHALL BE KEPT ON SITE AT ALL TIMES IN A LOCATION ACCESSIBLE TO THE OWNER, THE CONTRACTOR, HIS SUBCONTRACTORS, AND THE ARCHITECT.
- THESE DOCUMENTS SPECIFY SPECIFIC MANUFACTURERS, PRODUCTS, AND ASSEMBLIES. IN ALL CASES, THE PRODUCT SPECIFIED SHALL BE USED OR INCORPORATED INTO THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND FOLLOWING THE MANUFACTURER'S RECOMMENDATIONS FOR THE STORAGE, USE, INSTALLATION, ADJUSTMENT, AND CLEANING OF A PRODUCT USED IN THE PROJECT.
- THE CONTRACTOR SHALL PROVIDE SAMPLES OF ALL FINISHES SPECIFIED FOR THIS PROJECT PRIOR TO ORDERING OR FABRICATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBMISSION OF SHOP DRAWINGS REQUIRED BY THESE DRAWINGS OR THE PROJECT SPECIFICATIONS. SHOP DRAWINGS SHALL BE PROVIDED TO THE ARCHITECT IN A TIMELY MANNER ALLOWING SUFFICIENT TIME FOR SHOP DRAWING REVIEW AND CORRECTION BY THE ARCHITECT AND THE FABRICATION OF THE SPECIFIED PRODUCT IN CONFORMANCE WITH THE OVERALL PROJECT SCHEDULE. DO NOT PROCEED WITH THE FABRICATION OF AN ITEM REQUIRING SHOP DRAWINGS WITHOUT THE ARCHITECT'S REVIEW AND ACCEPTANCE.
- THE ARCHITECT/OWNER WILL SECURE THE MAIN BUILDING PERMIT FOR THIS PROJECT. THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS ARE RESPONSIBLE FOR SECURING & PAYING FOR ALL REQUIRED SUB-PERMITS. THE CONTRACTOR SHALL ARRANGE FOR AND CONDUCT ALL REQUIRED BUILDING, MECHANICAL, ELECTRICAL, AND ENERGY INSPECTIONS AS THE PROJECT PROGRESSES, TAKING CARE TO KEEP PORTIONS OF THE WORK UNCOVERED FOR REVIEW UNTIL THE INSPECTOR HAS APPROVED THAT PORTION OF THE WORK. THE CONTRACTOR SHALL FURNISH CERTIFICATE OF OCCUPANCY FOR THE NEW WORK SUBSEQUENT TO FINAL INSPECTIONS BY LOCAL CODE ENFORCEMENT OFFICIALS.

PLUMBING FIXTURE CALCULATIONS

Total Occupant Load: 49

Water Closets: 1 per 25 for first 50 + 1 per 50 above 50.
= 2 required.

7 Water Closets and 3 Urinals Provided

Lavatories: 1 per 40 for first 80 and 1 per 80 above 80.
= 2 required.

4 Lavatories Provided

Drinking Fountains: 1 for first 150 + 1 per 500 above 150.
= 1 required.

1 Drinking Fountain Provided

Sinks (Utility & Kitchen): None required.
1 Sink Provided

Calculations per IBC 2018 (w/ WA Amendments)
Water Closet and Lavatory Numbers per Table 2902.1,
Water Closet / Urinal ratio per 2902.1.1.2,
Drinking Fountain number per 2902.5.1.

SYMBOLS AND ABBREVIATIONS:

1 View Name 1/8" = 1'-0"	DRAWING TITLE DRAWING SCALE
A	COLUMN GRID LAYOUT LINES
1 SIM A101	BUILDING SECTION
1 SIM A101	WALL SECTION
1 SIM A101	DETAIL REFERENCE
1 SIM A101 Ref	INTERIOR ELEVATION TAG
1 SIM A101 Ref	EXTERIOR ELEV. TAG

ACT C.F.C.I.	ACOUSTICAL TILE CONTRACTOR INSTALLED	N. O.F.C.I.	NEW OWNER FURNISHED CONTRACTOR INSTALLED
CLR C.M.U.	CLEAR CONCRETE MASONRY UNITS	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
DET	DETAIL	RA	RETURN AIR
DIA.	DIAMETER	SA REV.	REVERSE SUPPLY AIR
D.S.	DOWNSPOUT	SHT	SHEET
E	EXISTING	SM	SIMILAR
EQ.	EQUAL	T.O.B.	TOP OF BEARING
E.J.	EXPANSION JOINT	T.O.J.	TOP OF JOIST
FIN	FINISH	T.O.M.	TOP OF MASONRY
FLR	FLOOR	T.O.S.	TOP OF SLAB
G.C.	GENERAL CONTRACTOR	T.O.W.	TOP OF WALL
H.B.	HOSE BIB	V.F.	VERIFY IN FIELD
HR	HOUR		
JT	JOINT		
M.ECH.	MECHANICAL		
MIN.	MINIMUM		

101 STUDENT LOUNGE 150 SE	ROOM TAG
XXXX'	SPOT ELEVATION
1	WALL TAG
1	WINDOW TAG
1	STOREFRONT TAG
MTL	MATERIAL TAG
EX-1a	DOOR TAG
N	NORTH ARROW

DEFERRED PERMIT SUBMITTAL:

FIRE SPRINKLER & ALARM

NOTE:

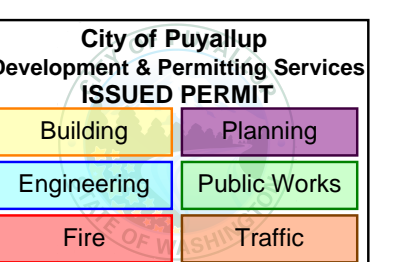
THIS IS A NEW PERMIT TO REPLACE PERMIT #PRCTI20220089.

SCOPE CHANGED TO WAREHOUSE "SEMI-HEATED" SPACE WITH FULLY CONDITIONED OFFICE AND RESTROOMS.

CHANGES FROM PREVIOUS SCOPE AND PERMIT DOCUMENTS HAVE BEEN CLOUDED.

DATE ISSUE

DATE	ISSUE
A	29 June 2023 New Permit Submittal



PRCTI20230973

New Permit Submittal

Drawn By: KE

Checked By: TR

Directory:

Sheet Size: 30" x 42"

Project Name:

CITC South Puyallup Leasing Tenant Improvements

Project Address:

402 Valley Ave NW,
Puyallup, WA 98371
Suites 101 - 104

Sheet Title:

Title Sheet

Sheet Number:

G0.10

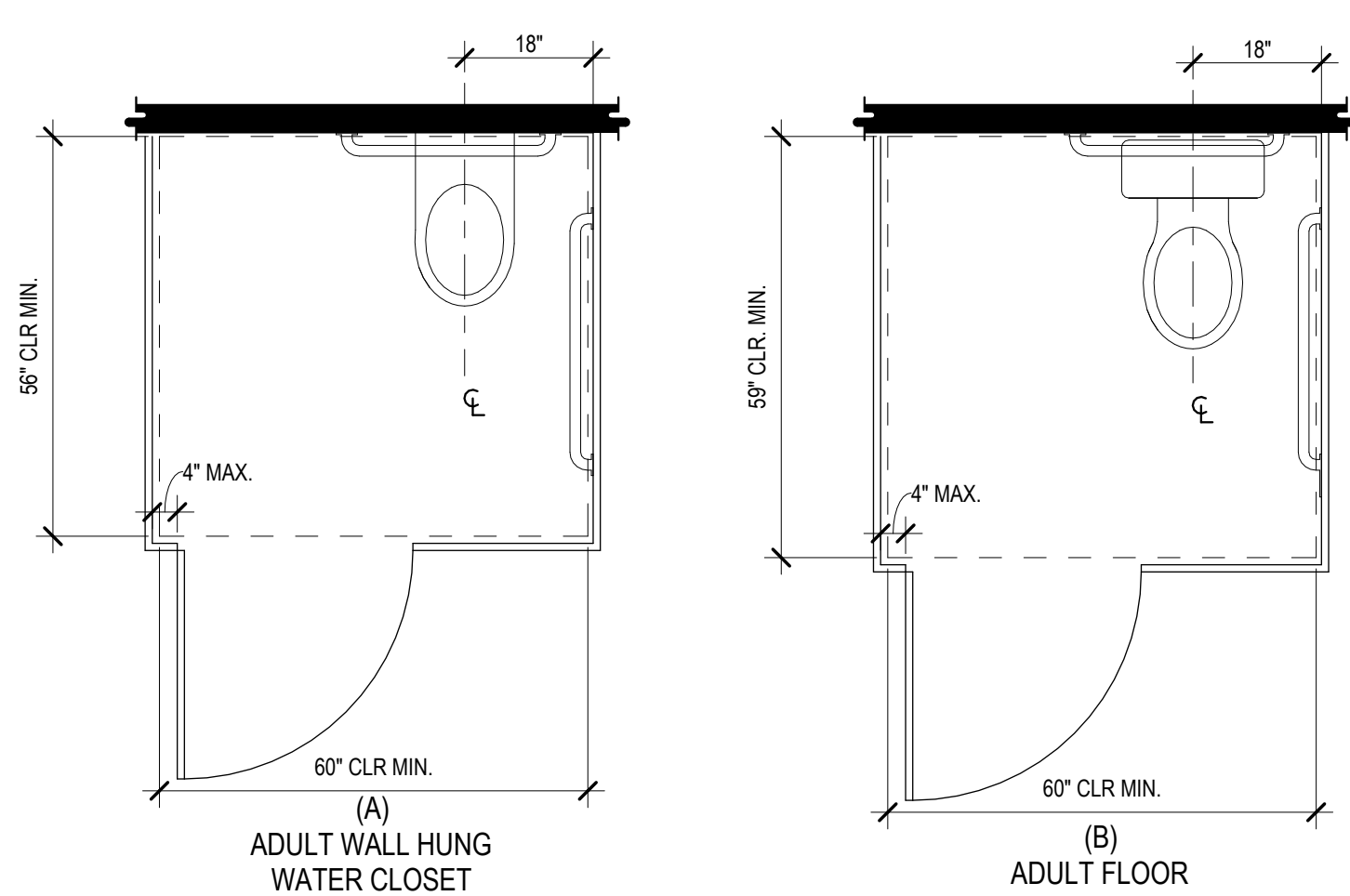
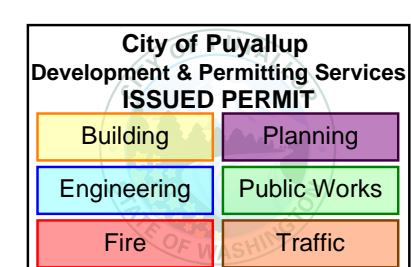
Project Number: 24098

Date: 29 June 2023

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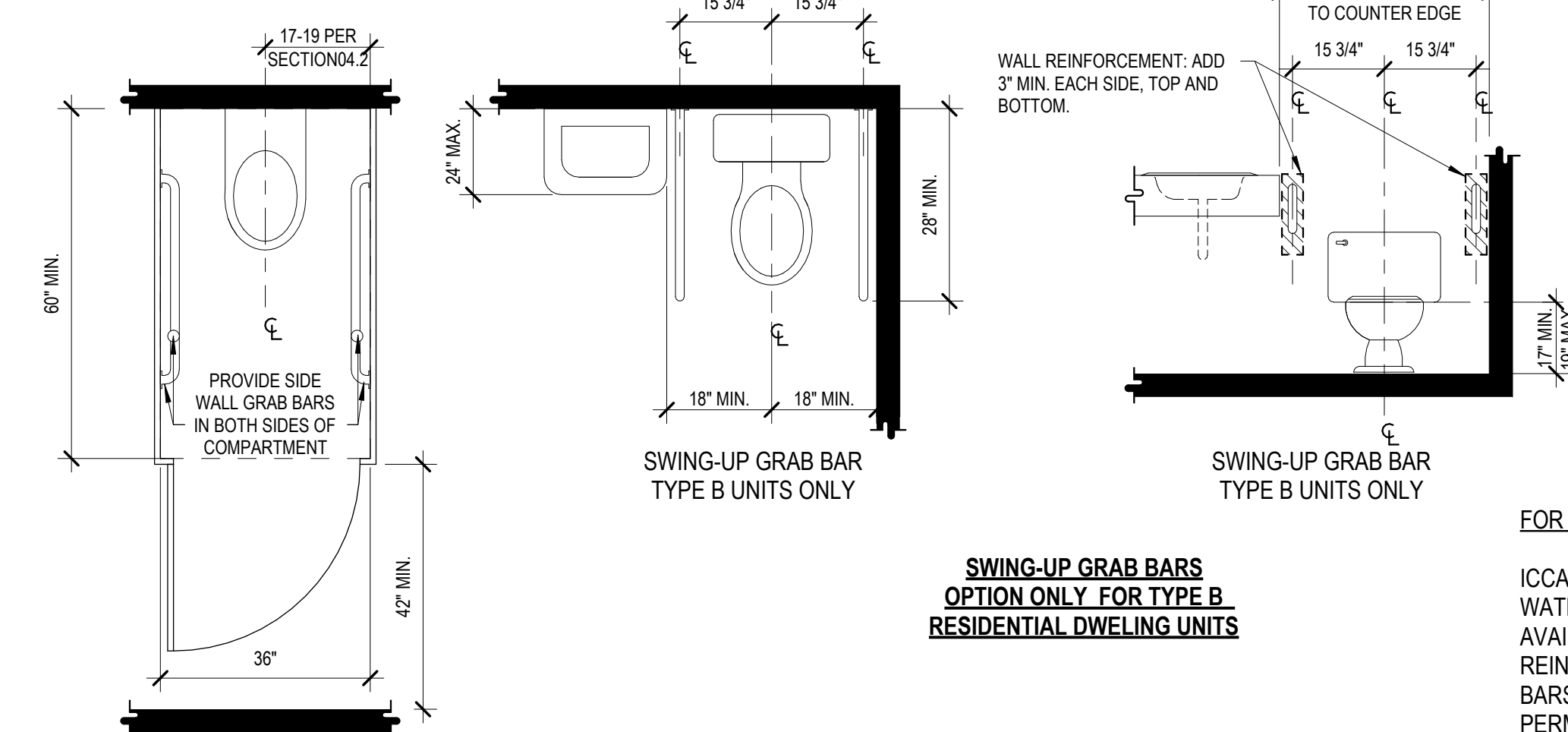
DATE	ISSUE
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WHEEL CHAIR ACCESSIBLE COMPARTMENTS

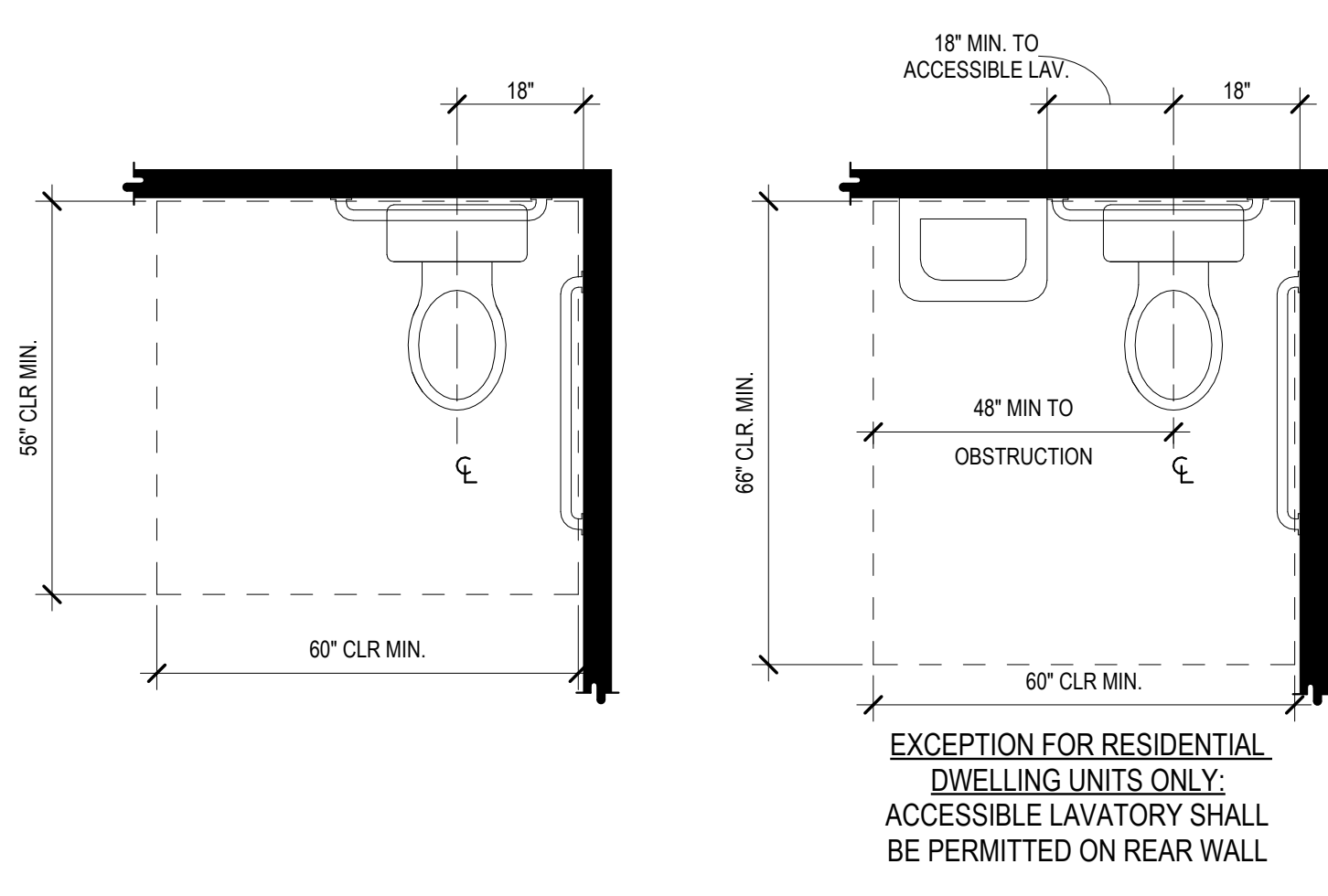
COMPARTMENT DOORS:
DOORS SHALL BE LOCATED IN THE FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. DOOR SHALL BE LOCATED 4" MAXIMUM FROM THE SIDE PARTITION. DOOR SHALL BE SELF CLOSING, AND PROVIDED WITH A COMPLIANT DOOR PULL ON BOTH SIDES OF THE DOOR NEAR THE LATCH.

COMPARTMENT TOE CLEARANCE:
THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE 12" MINIMUM ABOVE FINISHED FLOOR AND 6" DEEP BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORTS MEMBERS.

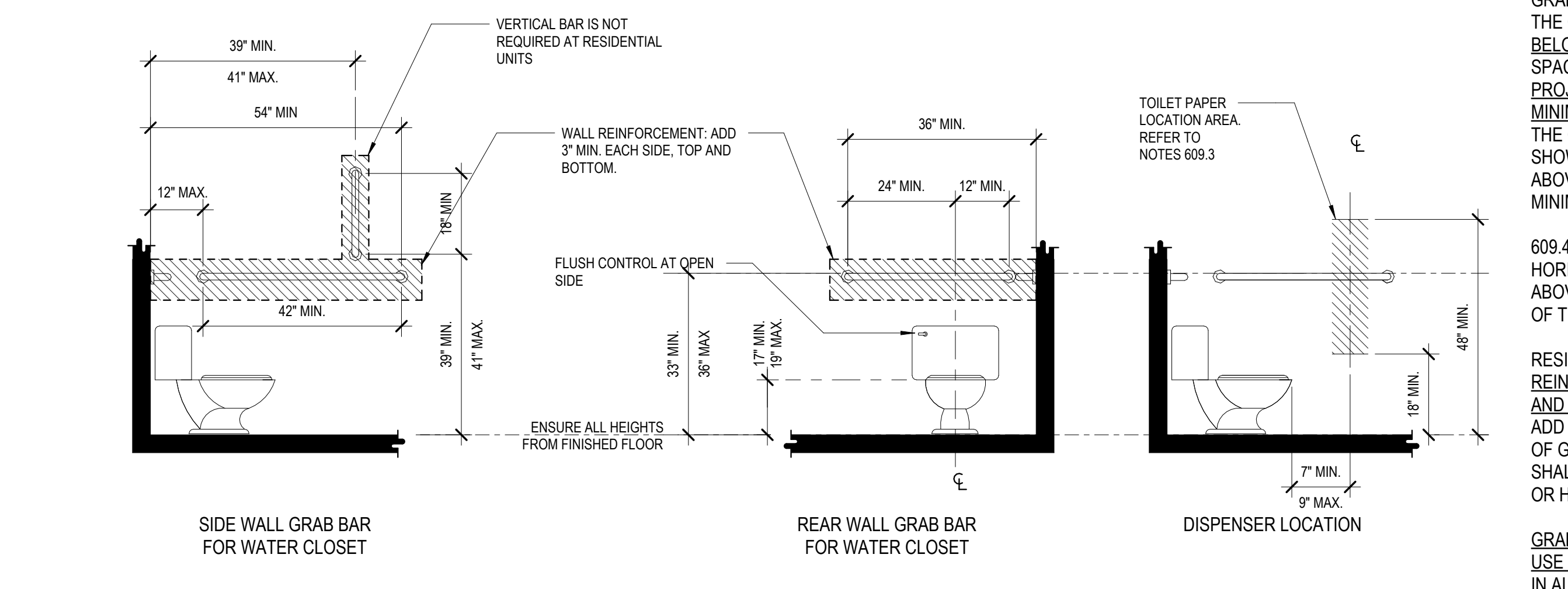


SWING-UP GRAB BARS OPTION ONLY FOR TYPE B RESIDENTIAL DWELING UNITS

FOR TYPE B UNITS ONLY:
ICCA 117.1-209 1004.11.1 EXCEPTION 6: AT WATER CLOSETS WHERE A SIDE WALL IS NOT AVAILABLE FOR A 42" GRAB BAR, REINFORCEMENT FOR TWO SWING-UP GRAB BARS COMPLYING WITH 1004.11.1.1 SHALL BE PERMITTED IN LIEU OF REINFORCEMENT FOR REAR AND SIDE WALL BARS



SIZE OF CLEARANCE AT WATER CLOSETS



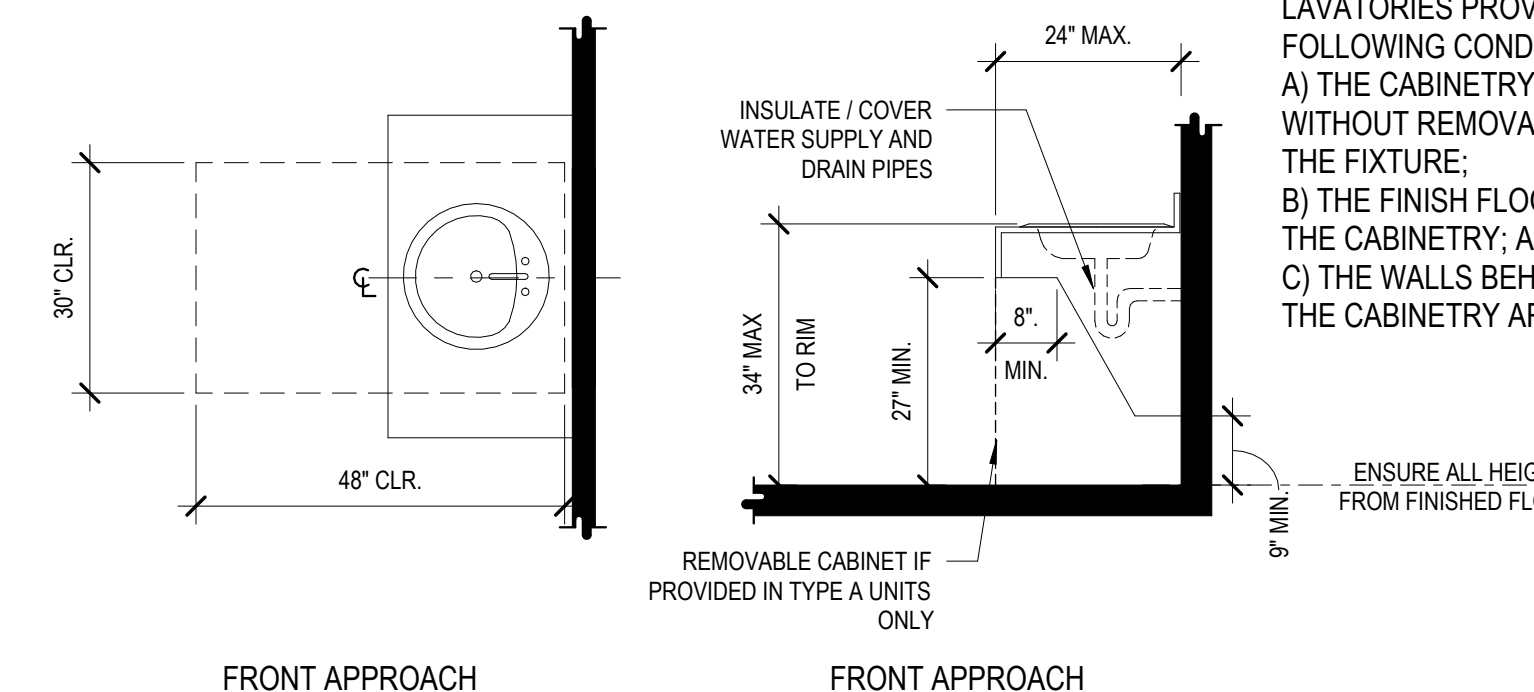
GRAB BAR AND DISPENSER LOCATIONS

NOTES:
609.3 THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1.5". THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1.5". THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12" MINIMUM. EXCEPTION: THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE SHALL BE PERMITTED TO BE 1.5" MINIMUM.

609.4 GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33" MIN. AND 36" MAX. ABOVE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.

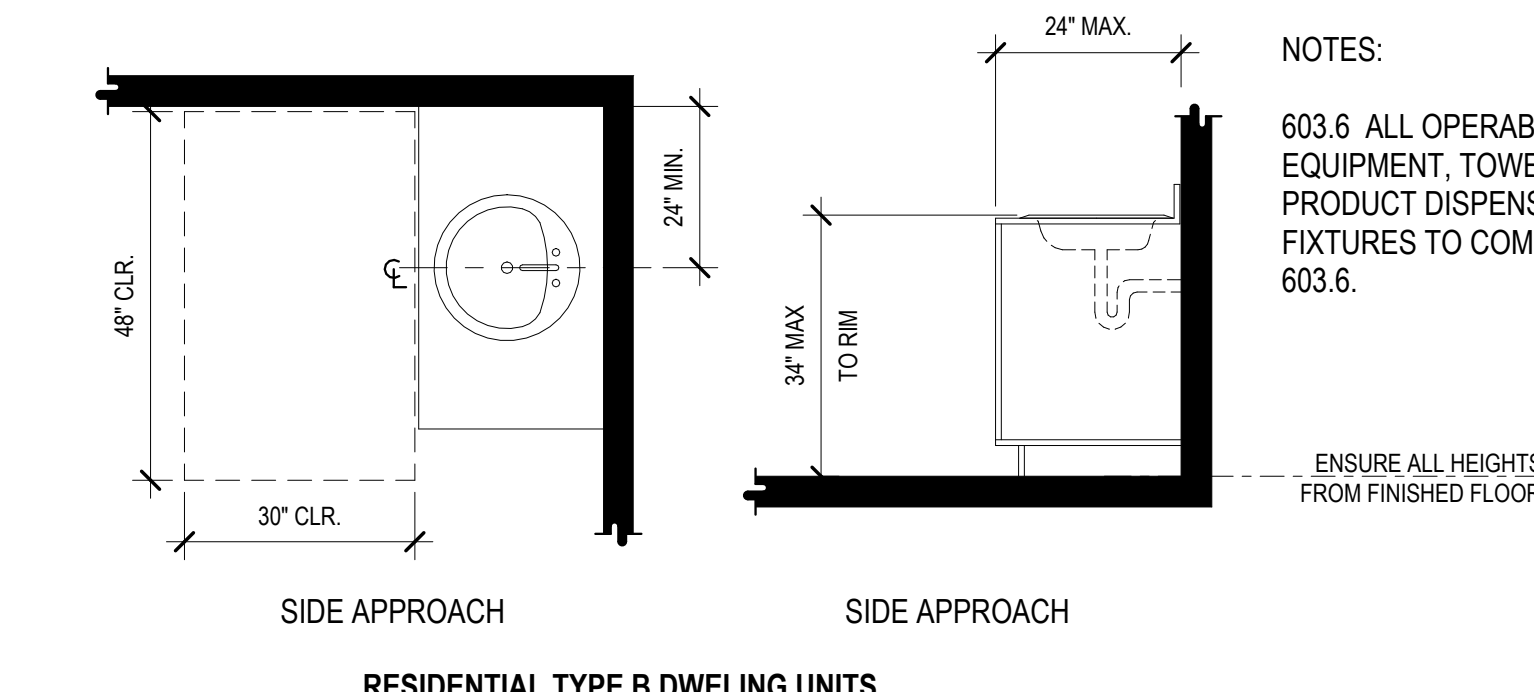
RESIDENTIAL GRAB BARS: INSTALL REINFORCEMENT BLOCKING IN BOTH TYPE A AND TYPE B UNITS. FOR BLOCKING DIMENSIONS ADD 3" MIN. AT EACH SIDE, TOP AND BOTTOM OF GRAB BAR LOCATION. REINFORCEMENT SHALL BE CAPABLE OF SUPPORTING VERTICAL OR HORIZONTAL LOADS OF 300 POUNDS.

GRAB BARS ARE ONLY REQUIRED IN COMMON USE BATHROOMS. REINFORCING IS REQUIRED IN ALL BATHROOMS, INCLUDING RESIDENTIAL UNITS.



COMMERCIAL AND RESIDENTIAL TYPE A DWELING UNITS

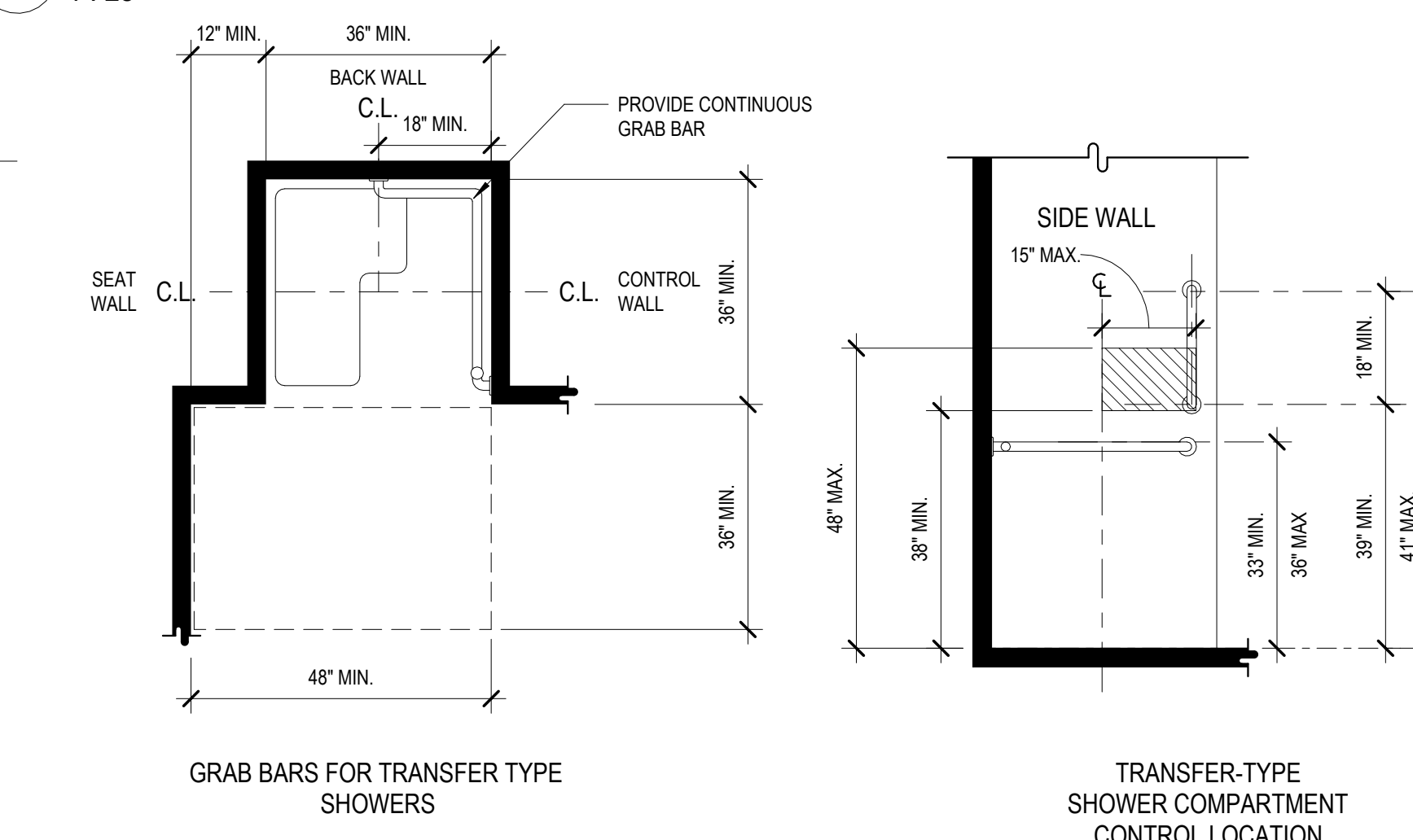
NOTES:
606.2 EXC. 3 IN RESIDENTIAL UNITS, CABINETRY SHALL BE PERMITTED UNDER LAVATORIES PROVIDED THAT ALL OF THE FOLLOWING CONDITIONS ARE MET:
A) THE CABINETRY CAN BE REMOVED WITHOUT REMOVAL OR REPLACEMENT OF THE FIXTURE;
B) THE FINISH FLOOR EXTENDS UNDER THE CABINETRY; AND
C) THE WALLS BEHIND AND SURROUNDING THE CABINETRY ARE FINISHED.



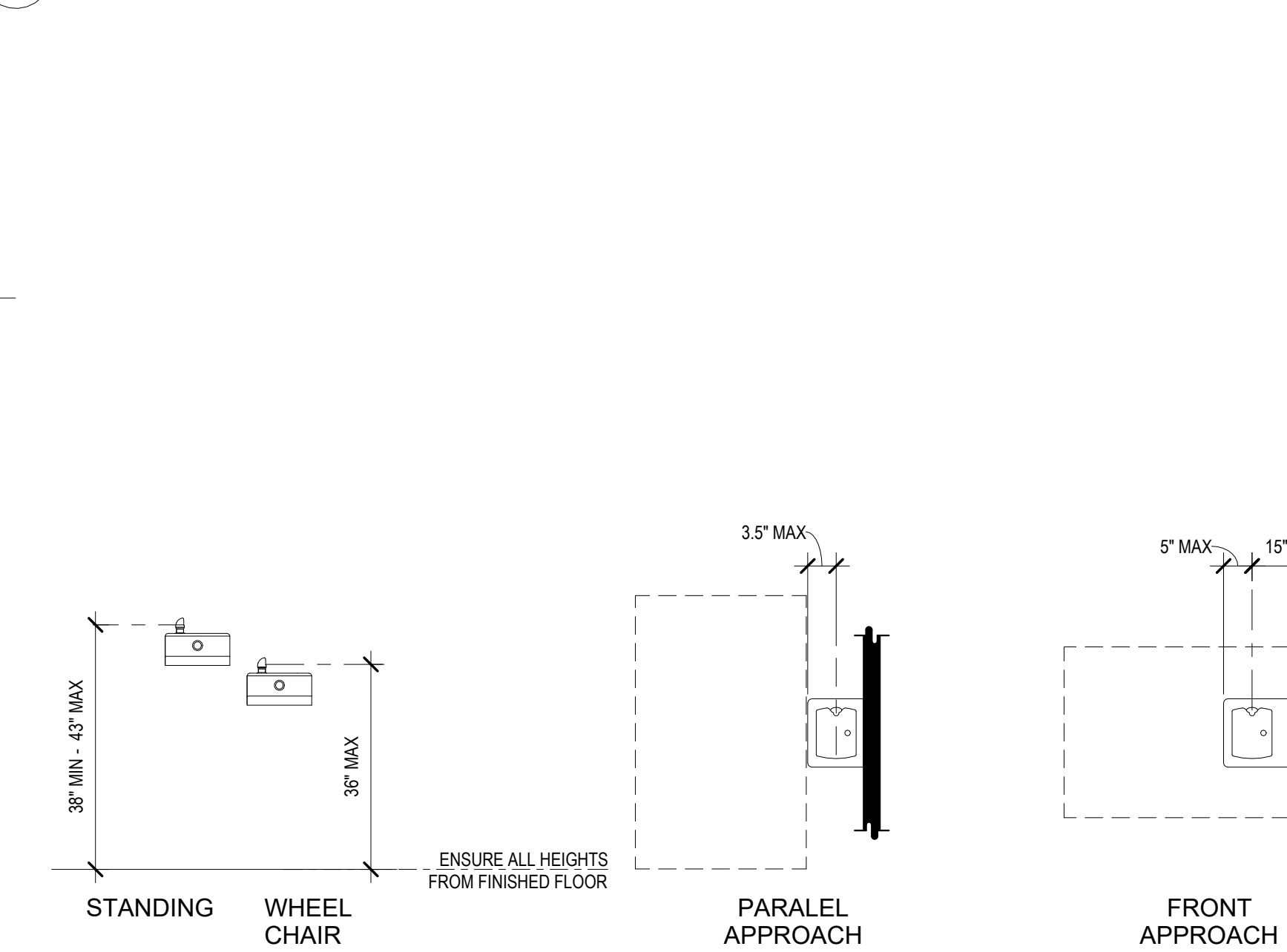
RESIDENTIAL TYPE B DWELING UNITS

NOTES:
603.6 ALL OPERABLE PARTS ON DRYING EQUIPMENT, TOWEL OR CLEANSING PRODUCT DISPENSERS, & DISPOSAL FIXTURES TO COMPLY WITH TABLE 603.6.

1 WATER CLOSET
1 : 25



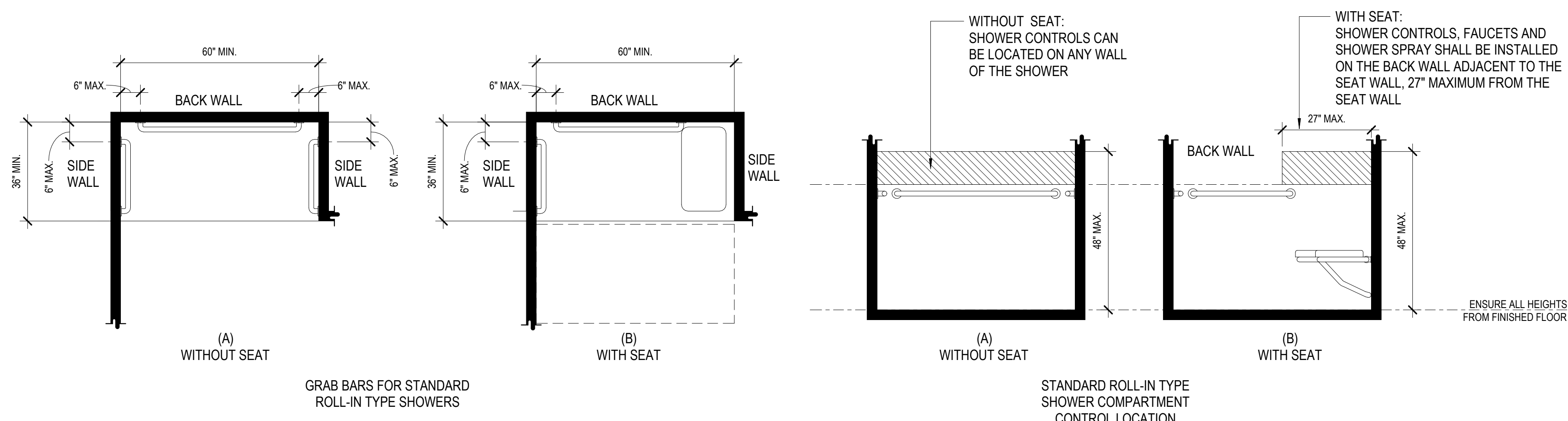
3 ACCESSIBLE TRANSFER TYPE SHOWER
1 : 25



5 DRINKING FOUNTAIN DETAILS
1 : 25



4 ACCESSIBLE ROLL-IN TYPE SHOWER
1 : 25



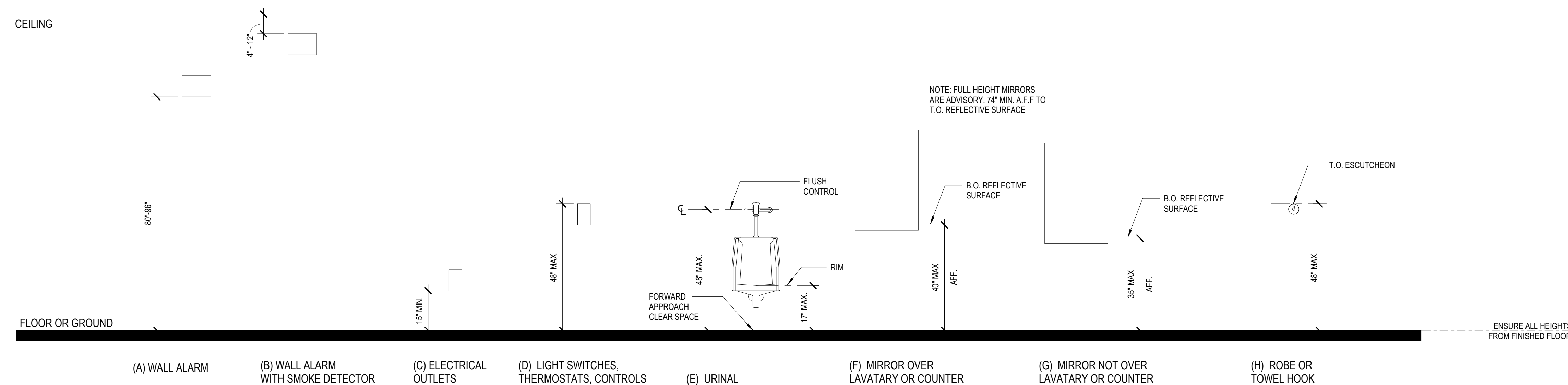
NOTES:
609.3 THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1.5". THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1.5". THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12" MINIMUM. EXCEPTION: THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE SHALL BE PERMITTED TO BE 1.5" MINIMUM.

609.4 GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33" MIN. AND 36" MAX. ABOVE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.

RESIDENTIAL GRAB BARS: INSTALL REINFORCEMENT BLOCKING IN BOTH TYPE A AND TYPE B UNITS. FOR BLOCKING DIMENSIONS ADD 3" MIN. AT EACH SIDE, TOP AND BOTTOM OF GRAB BAR LOCATION. REINFORCEMENT SHALL BE CAPABLE OF SUPPORTING VERTICAL OR HORIZONTAL LOADS OF 300 POUNDS.

GRAB BARS ARE ONLY REQUIRED IN TYPE A UNITS.

6 ACCESSIBLE VARIOUS MOUNTING HEIGHTS
1 : 25



NOTE: FULL HEIGHT MIRRORS ARE ADVISORY 74" MIN. AFF TO T.O. REFLECTIVE SURFACE

PRCTI20230973

New Permit Submittal

Drawn By: HCB, KE
Checked By: TR
Directory:
Sheet Size: 30" x 42"

Project Name: CITC South Puyallup Leasing Tenant Improvements
Project Address:

402 Valley Ave NW, Puyallup, WA 98371 Suites 101 - 104

Sheet Title:

Accessibility Notes

Sheet Number:

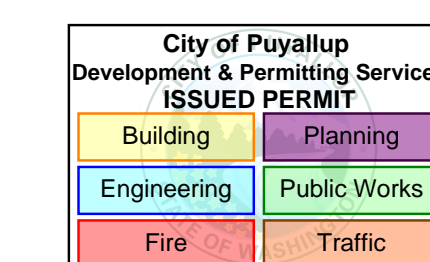
G0.41

ACCESSIBILITY CODES:
• ICC A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
• 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

Project Number: 24098
Date: 29 June 2023
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New Permit Submittal

Drawn By: HCB, KE
 Checked By: TR

Directory:
 Sheet Size: 30" x 42"

Project Name: **CITC South Puyallup Leasing Tenant Improvements**

Project Address:
 402 Valley Ave NW,
 Puyallup, WA 98371 Suites
 101 - 104

Sheet Title:

Accessibility Plan - Level 1

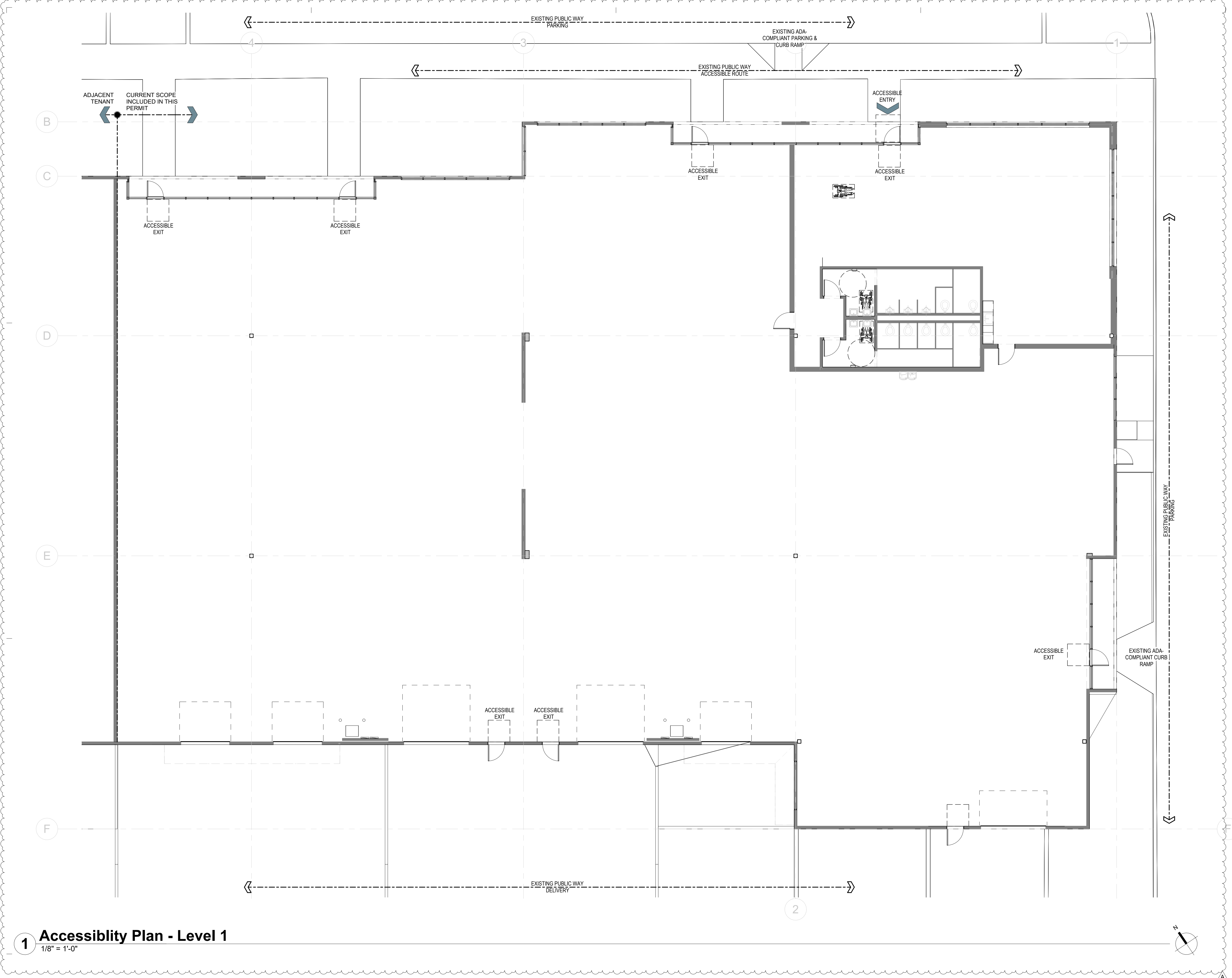
Sheet Number:

G0.44

Project Number: 24098

Date: 29 June 2023

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1 Accessibility Plan - Level 1
 1/8" = 1'-0"

SYMBOLS AND ABBREVIATIONS:

	View Name 1/8" = 1'-0"		DRAWING TITLE		DRAWING SCALE		EXTERIOR ELEV. TAG		ROOM TAG		KEYNOTE TAG
	COLUMN GRID LAYOUT LINES		INTERIOR ELEVATION TAG		STUDENT LOUNGE 150 SF		SPOT ELEVATION		DOOR TAG		FLOOR / ROOF TAG
	BUILDING SECTION		LAYOUT STARTING POINT		WALL TAG		ADA ACCESSIBLE PATH		ADA CLEAR FLOOR SPACE REQUIRED		ADA TURNING RADIUS
	WALL SECTION		STOREFRONT / CURTAINWALL TAG								
	DETAIL REFERENCE										

PLAN NOTES:

GENERAL PLAN NOTES:

1. ALL G.W.B. IN WALLS AND CEILING TO BE 5/8" (U.N.O.)
2. ALL DIMENSIONS ARE TO FACE OF CONCRETE / FINISH FACE / GRID LINE (U.N.O.)
3. REFER TO DOOR & WINDOW SCHEDULES (A6.00 & A6.10) FOR ALL DOOR, WINDOW, & SKYLIGHT TYPES, SIZES, OPERATION, U-VALUES, & REQUIREMENTS FOR SAFETY GLAZING
4. ALL CODE REQUIRED SIGNAGE IS TO BE PROVIDED PER SIGNAGE SHEETS G0.43, AND PER IBC 1013.4 REQUIREMENTS.

REFER TO THE FOLLOWING SHEETS FOR ADDITIONAL INFORMATION:

EGRESS PLANS / ROOM SCHEDULE:	G0.45
ACCESSIBILITY NOTES:	G0.40, G0.41, G0.42
WALL ASSEMBLIES:	A5.50
CEILING / SOFFIT ASSEMBLIES:	A5.70
DOOR SCHEDULES & TYPES:	A6.00
WINDOW SCHEDULE & TYPES:	A6.10
SCHEDULES & DIAGRAMS:	ID6.20

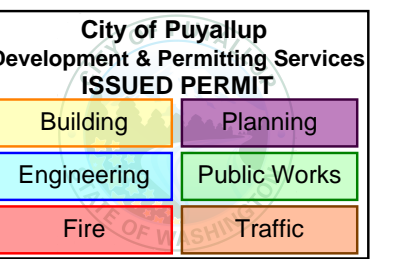
WALL LEGEND:

█ WALL

ACCESSIBILITY CODES:
 • ICC A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
 • 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN



DATE	ISSUE
A	29 June 2023 New Permit Submittal



New Permit Submittal

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Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South
Puyallup Leasing
Tenant
Improvements**

Project Address:

402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:
PRCTI20230973

Egress Plans

Sheet Number:

G0.45

Project Number: 24098

Date: 29 June 2023

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EGRESS LEGEND

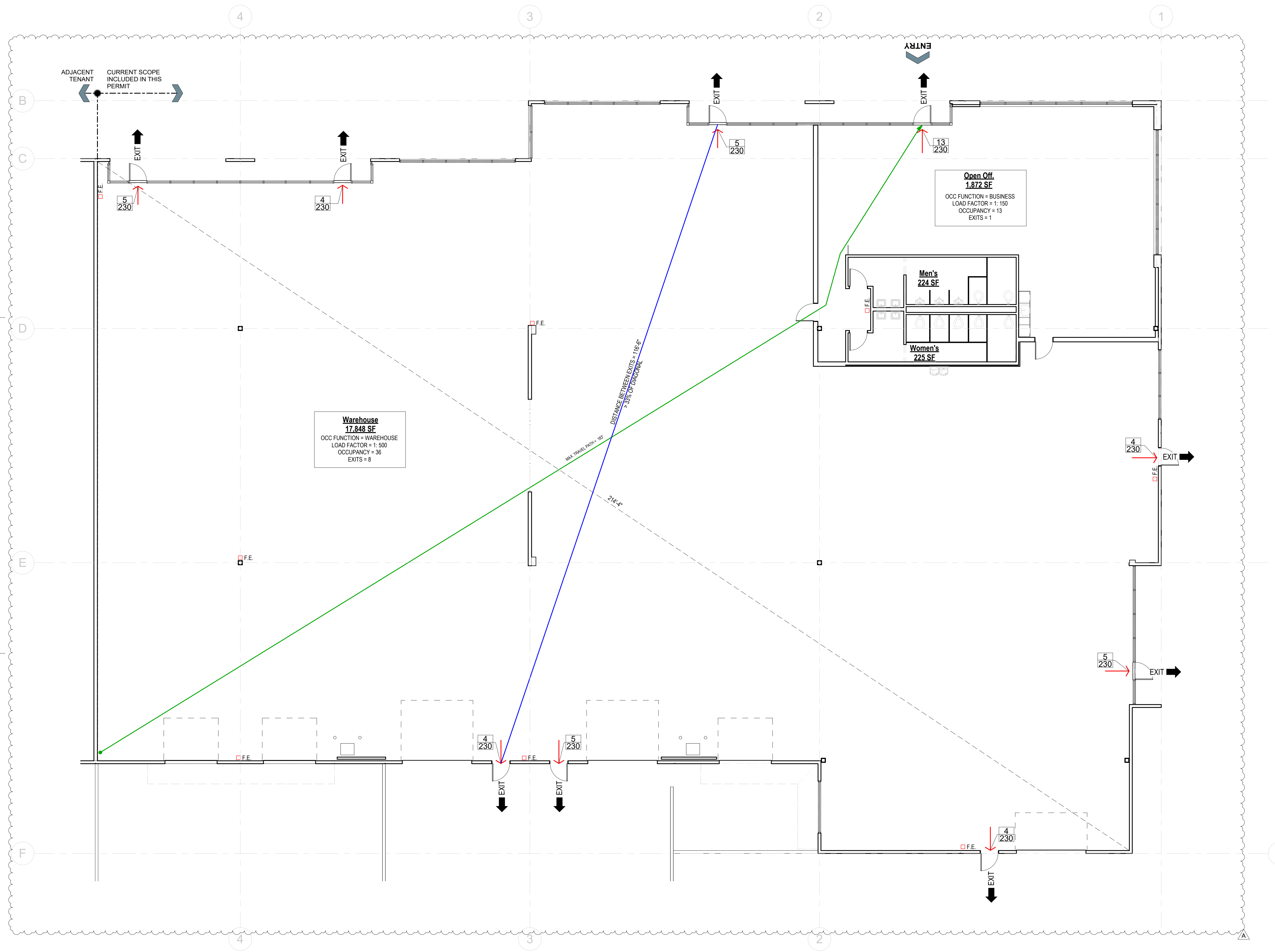
- ASSIGNED OCCUPANT DOOR LOAD DOOR CAPACITY**
0.15 PER INCH OCCUPANT CAPACITY ALLOWED PER IBC 1005.3.2 EX. 1 (TYP. DOOR WIDTH 36" - ASSUMED 34.5" CLR. 1.15 = 230 EXIT CAPACITY)
- COMMON PATH OF TRAVEL (PER IBC 202)**
MAX. TRAVEL DISTANCE TO PRIMARY EXIT ACCESS PATH PER IBC TABLE 1006.2.1 = 100 FT. (SPRINKLERED BUILDING)
- PRIMARY EXIT ACCESS PATH / DIRECTION**
PER IBC SECTION 1016
- TRAVEL DISTANCE 300 FT. MAX.**
- EXIT**
- EXIT SEPARATION**
WHERE 2 EXITS REQD. SEPARATION DISTANCE TO BE GREATER THAN 1/3 OF DIAGONAL DIM. OF AREA SERVED PER IBC 1007.1.1 EX. 2
- PORTABLE FIRE EXTINGUISHER:**
JL INDUSTRIES "Cosmic 5E" or EQUIV. (W/ CABINET [JL INDUSTRIES "Panorama 8136 C70" or EQUIV.])
PORTABLE FIRE EXTINGUISHER LOCATIONS MUST BE INSTALLED PER REQUIREMENTS OF IBC 906 AND CONFIRMED WITH FIRE DEPARTMENT INSPECTOR PRIOR TO INSTALLATION.
- FIRE ALARM PULL STATION**
NOT REQUIRED PER IBC 907.2.2 (EXCEPTION) IF BUILDING IS EQUIPPED THROUGHOUT WITH WITH AUTOMATIC SPRINKLER SYSTEM OCCUPANT NOTIFICATION APPLIANCES ACTIVATE UPON SPRINKLER WATER FLOW.

FIRE BARRIER LEGEND

- 1-HOUR RATED WALL (PER ASSEMBLIES)**

NOTES

1. MEANS OF EGRESS WILL BE ILLUMINATED PER IBC SECTION 1008.
2. EXIT SIGNS WILL BE ILLUMINATED PER IBC SECTION 1013 WITH EMERGENCY POWER SYSTEM PER IBC 1013.6.3.
3. MEANS OF EGRESS SIZING:
 - NO GROUP H NOR I-2 OCCUPANCIES EXIST IN BUILDING.
 - EGRESS COMPONENT (IBC 1005.3.2 EXCEPTION 1) CAPACITY FACTOR OF 0.15 INCH PER OCCUPANT.
4. FIRE PROTECTION NOTES:
 - BUILDING IS TO BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM PER THE REQUIREMENTS OF IBC SECTION 903.
 - PORTABLE FIRE EXTINGUISHERS ARE TO BE INSTALLED PER PLAN AND THE MINIMUM REQUIREMENTS OF IBC SECTION 906.
 - FIRE ALARM AND DETECTION SYSTEMS ARE TO BE DESIGN/ BUILD AND SHALL BE DESIGNED AND INSTALLED PER THE REQUIREMENTS OF IBC SECTION 907
 - BUILDING TO BE EQUIPPED THROUGHOUT WITH AN EMERGENCY VOICE/ ALARM COMMUNICATION SYSTEM AS REQUIRED IN ACCORDANCE WITH SECTION 907.5.2.2.



1 Egress Plan - Level 1

1/8" = 1'-0"

Room Schedule - Occupancy

Number	Name	Area (NET)	Occupancy Load Factor	Max. Occupancy	Occupancy
Business					
101	Open Off.	1,872 SF	150	13	Business
Restroom					
102	Men's	224 SF	0		Restroom
103	Women's	225 SF	0		Restroom
Warehouse					
104	Warehouse	17,848 SF	500	36	Warehouse
Grand total: 4		20,169 SF		49	

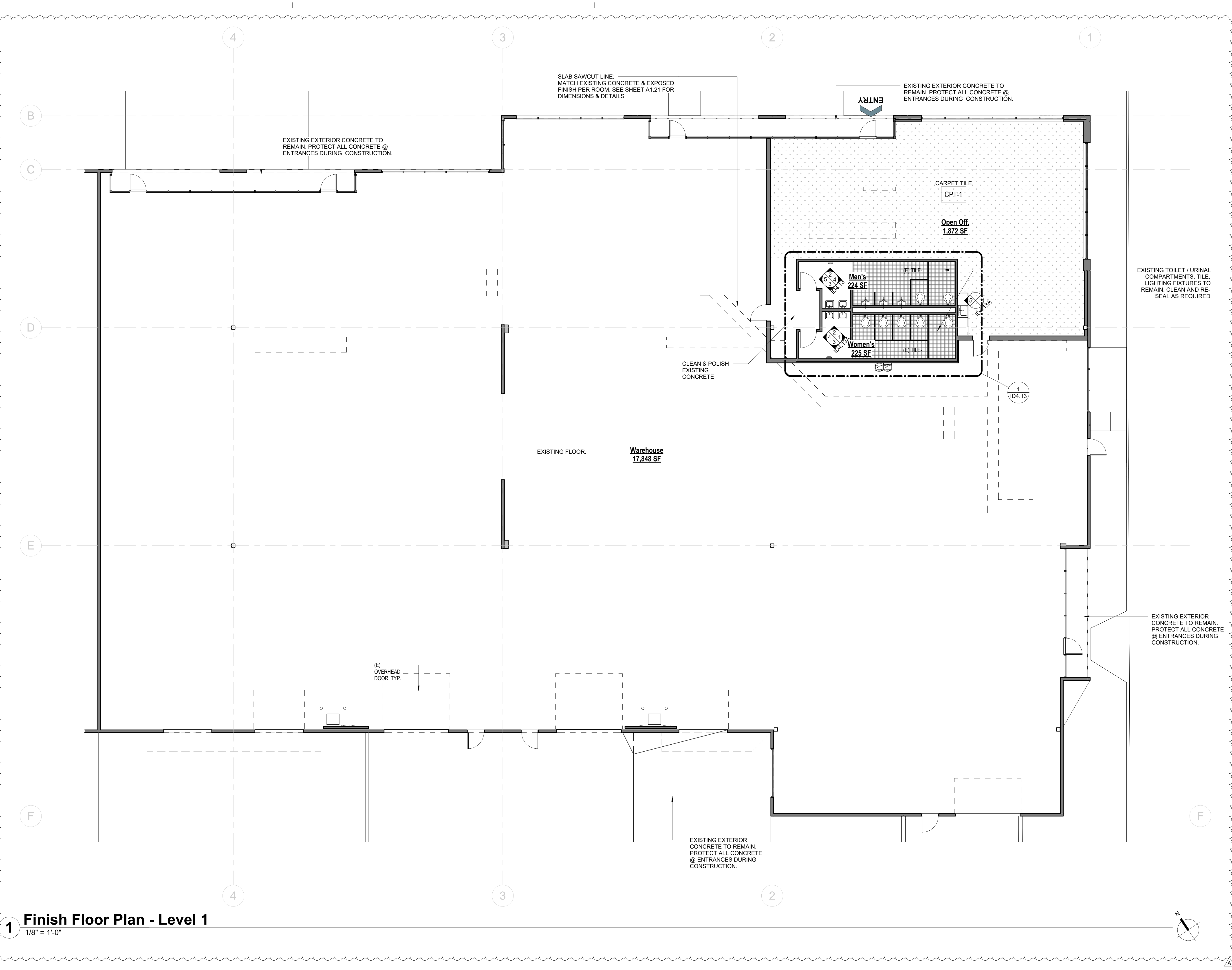
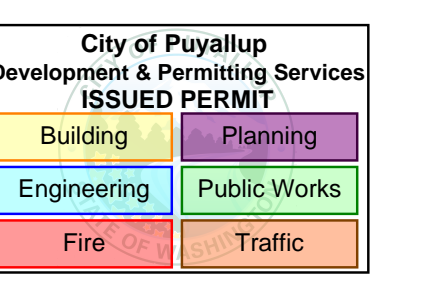
MAX FLOOR AREA PER OCCUPANT

(PER IBC 2018 TABLE 1004.5)

FUNCTION OF SPACE	OCCUPANCY LOAD FACTOR
BUSINESS AREAS	150 GROSS
WAREHOUSE	500 GROSS



△	DATE	ISSUE
A	29 June 2023	New Permit Submittal



1 Finish Floor Plan - Level 1
1/8" = 1'-0"

GENERAL FINISH NOTES:

GENERAL:
1. CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL MATERIALS AND FINISHES.

PRCTI20230973

New Permit Submittal

Drawn By: HCB, KE
Checked By: TR

Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South
Puyallup Leasing
Tenant
Improvements**

Project Address:
**402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104**

Sheet Title:

**Finish Floor
Plan - Level 1**

Sheet Number:

ID1.50

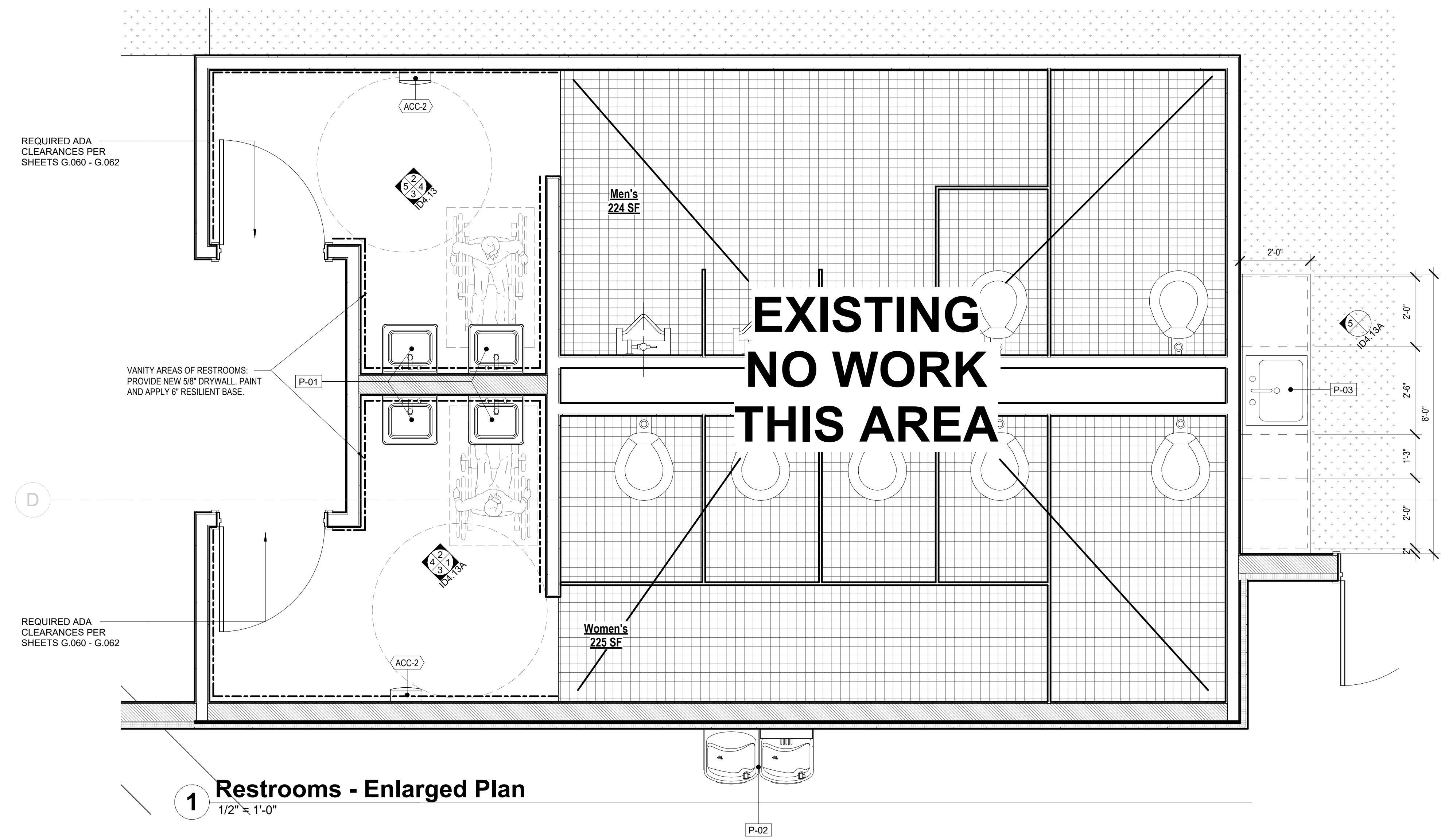
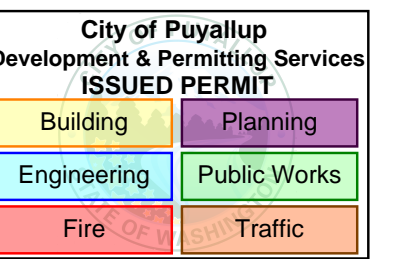
Project Number: 24098

Date: 29 June 2023

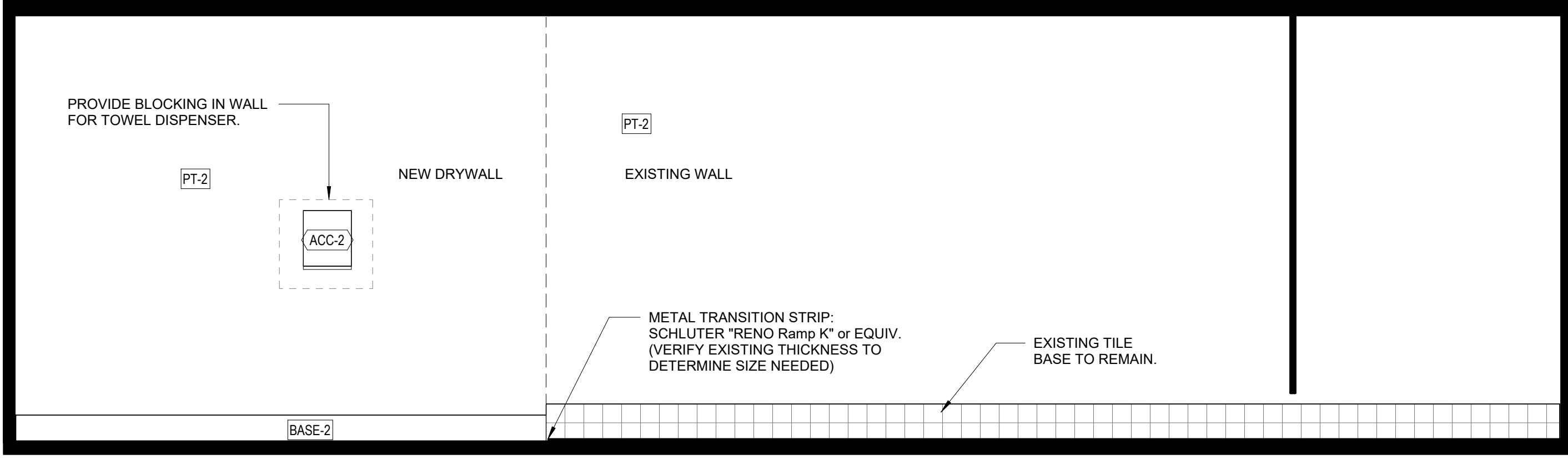
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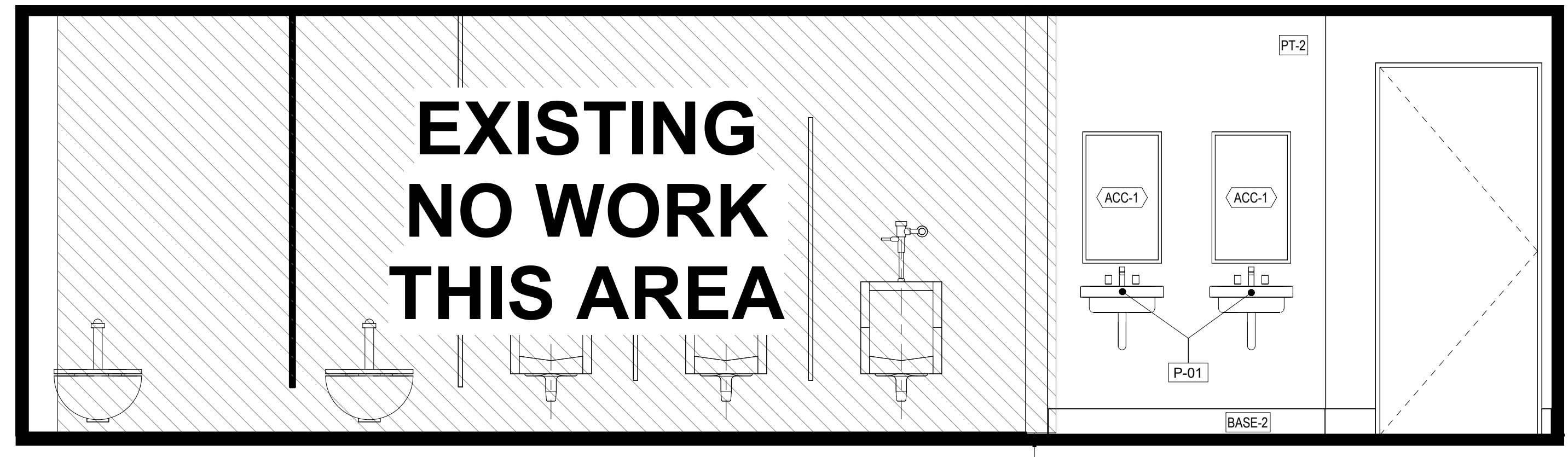
DATE	ISSUE
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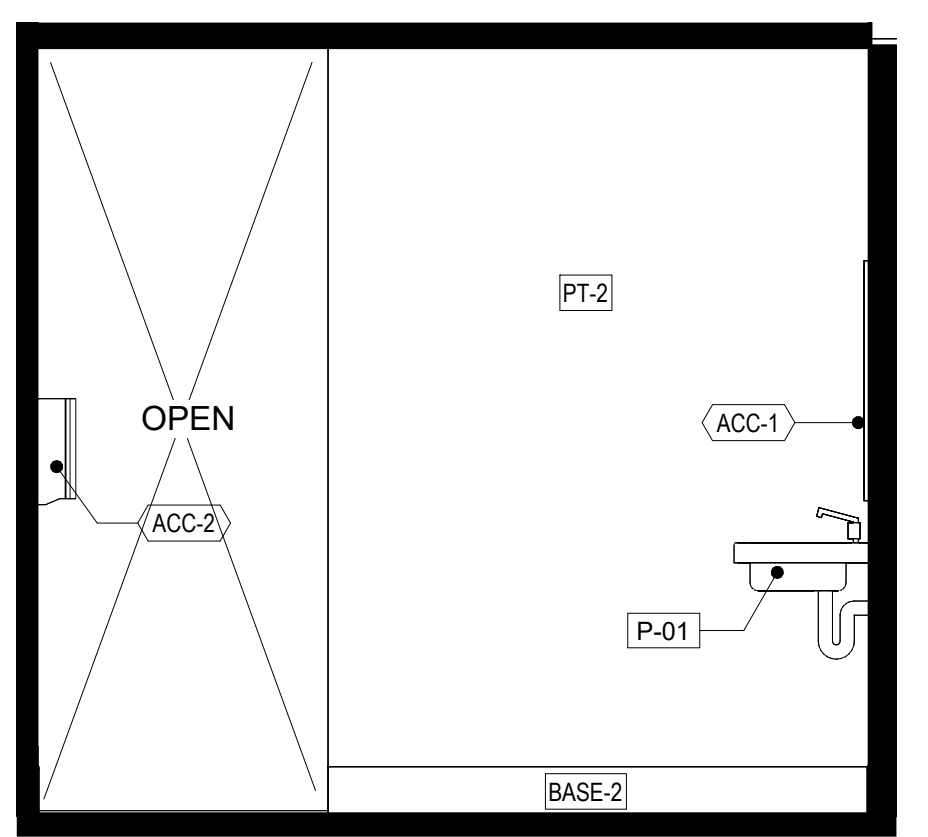
1 Restrooms - Enlarged Plan
1/2" = 1'-0"



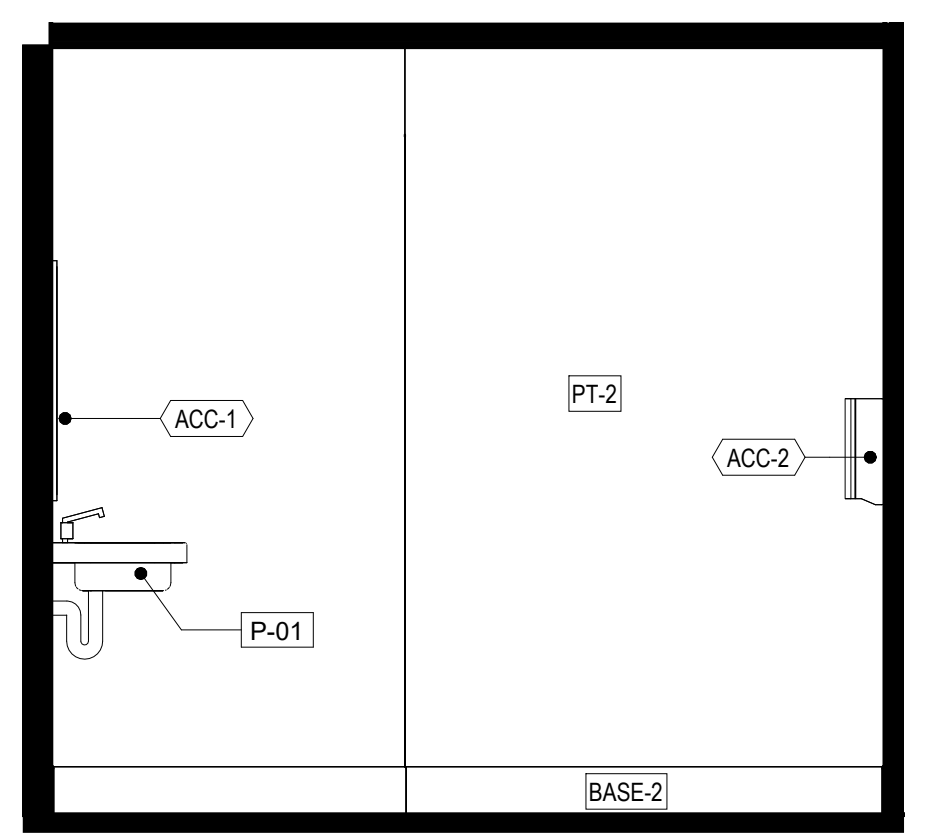
2 102 R.R. Men - North
1/2" = 1'-0"



3 102 R.R. Men - South
1/2" = 1'-0"



4 102 R.R. Men - East
1/2" = 1'-0"



5 102 R.R. Men - West
1/2" = 1'-0"

PRCTI20230973

New Permit Submittal

Drawn By: HCB, KE
Checked By: TR

Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South**
Puyallup Leasing
Tenant
Improvements

Project Address:
402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104

Sheet Title:

Restroom Plan
& Elevations

Sheet Number:

ID4.13

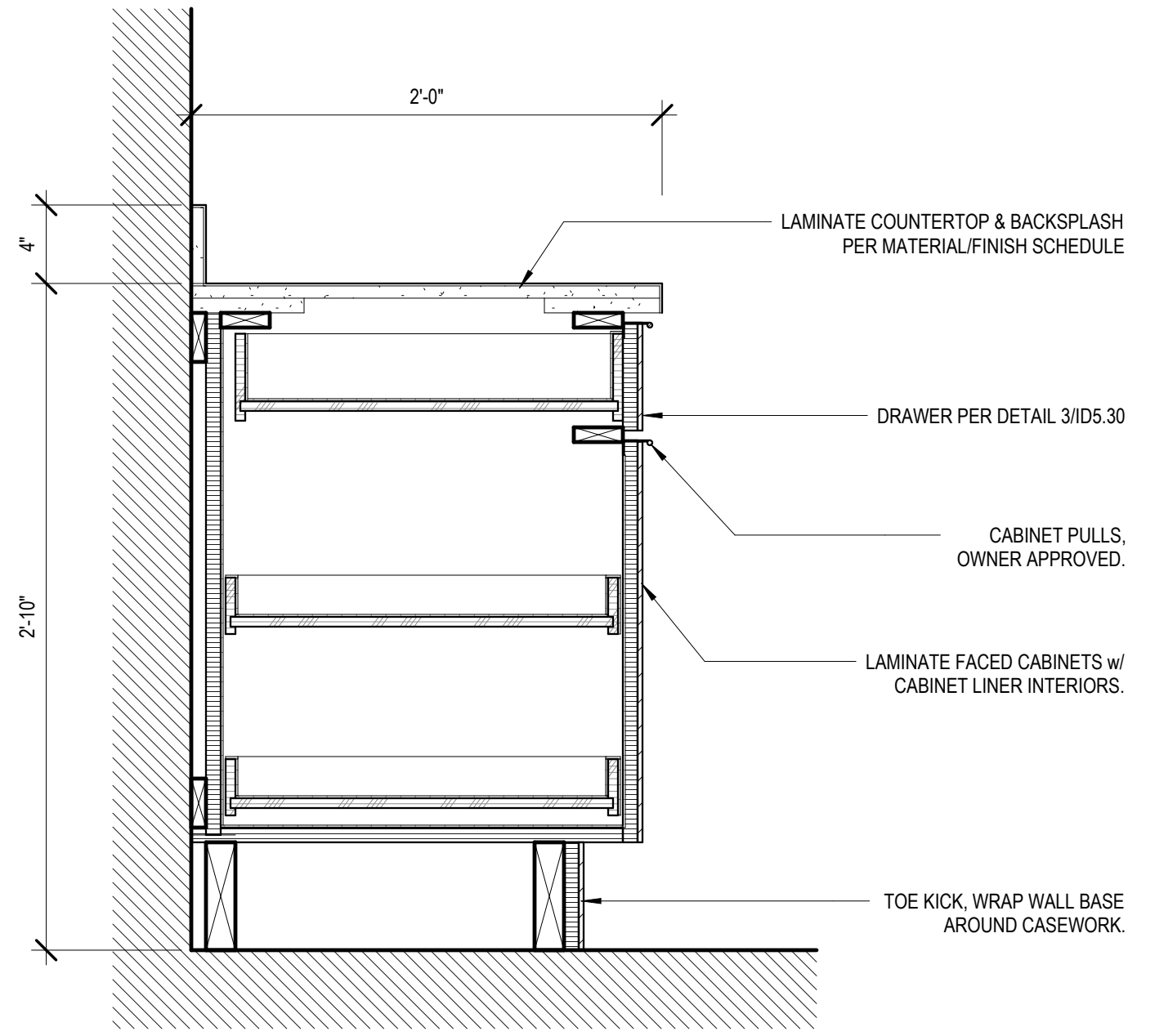
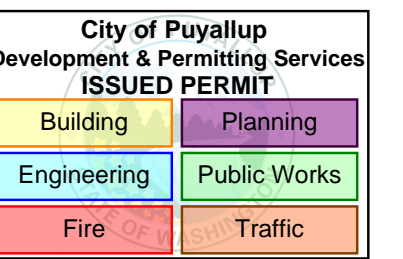
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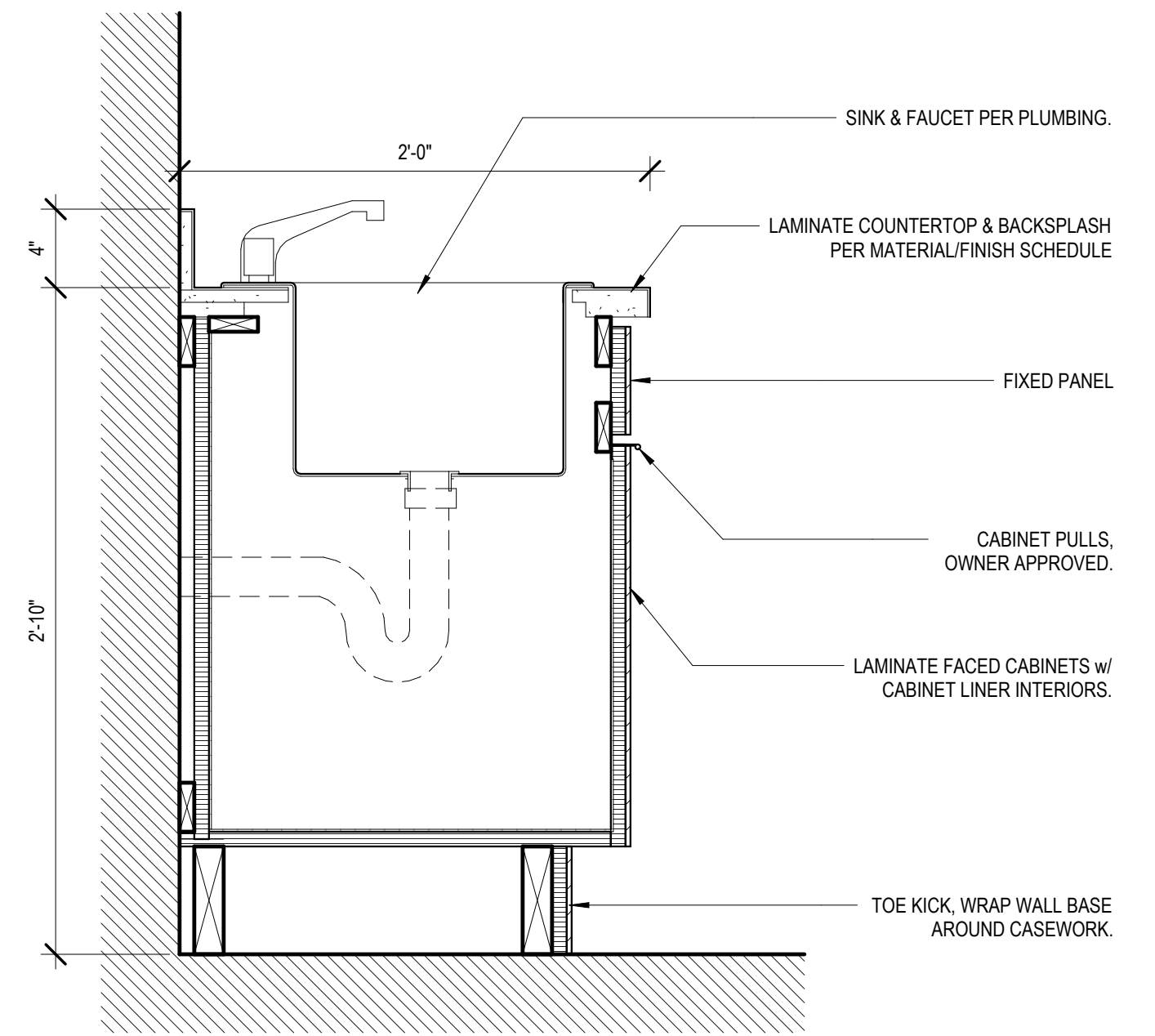
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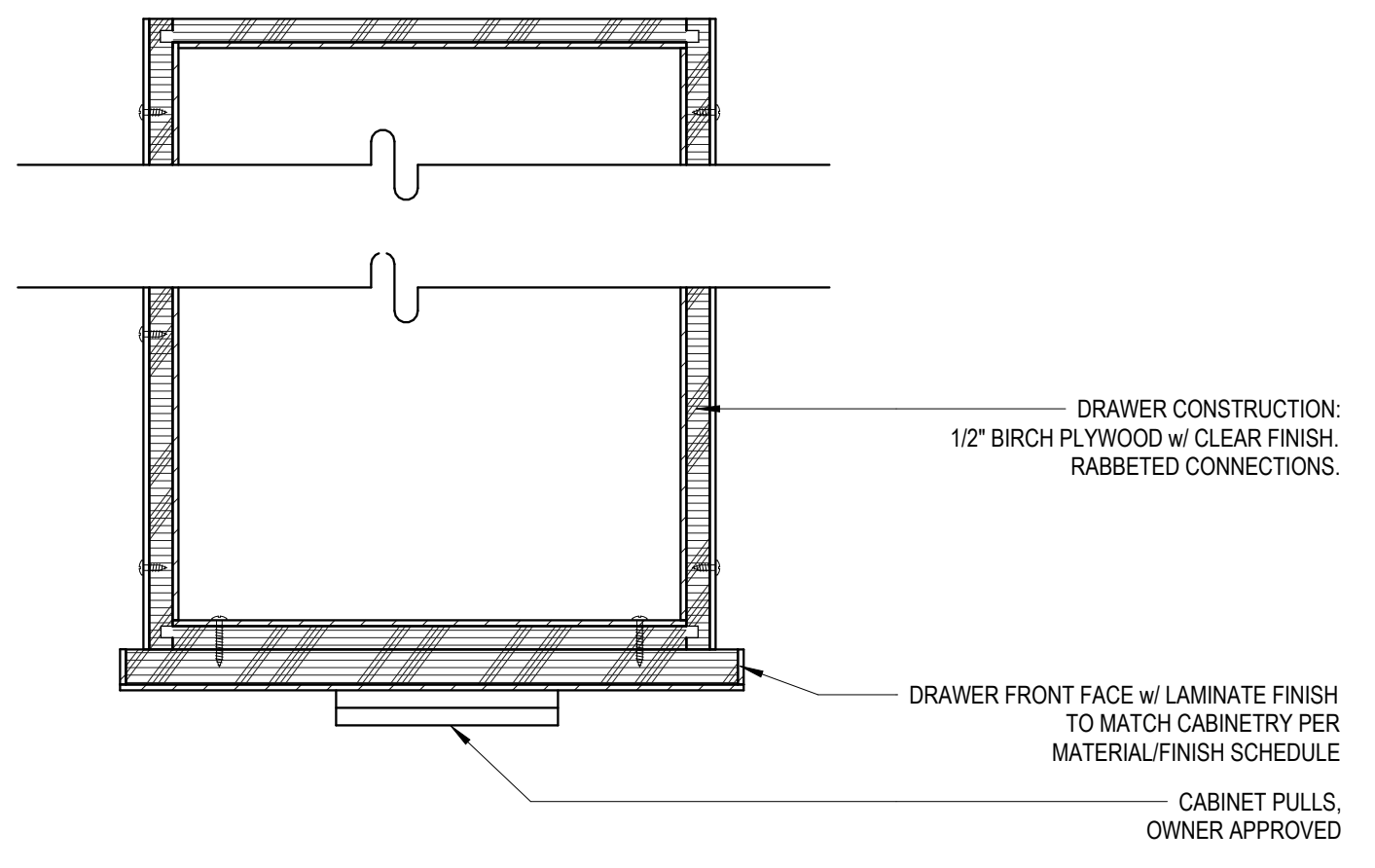
DATE	ISSUE
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1 Typical Base Cabinet Detail
1 1/2" = 1'-0"



2 Sink Cabinet Detail
1 1/2" = 1'-0"



3 Drawer Detail
3" = 1'-0"

- CABINET HARDWARE NOTE:**
1. CABINET HINGES: USE 110 STANDARD CLIP TOP BLUMOTION SELF CLOSING HINGES. BLUM HARDWARE OR EQUAL. COLOR TO BE DETERMINED BY CLIENT/ ARCHITECT.
 2. DRAWER GLIDES: FOR SINGLE OR FULL EXTENSION DRAWERS USE STANDARD 430E SERIES RUNNERS FROM BLUM HARDWARE OR EQUAL. SELF CLOSING. LENGTH 250-800 MM. UP TO 30 KG FOR FULL EXTENSION DRAWERS AND 25 KG FOR SINGLE EXTENSION.
 3. ADJUSTABLE SHELVES PINS: FOR SHELVES UP TO 24" USE PRIME-LINE SATIN STEEL U 101666 SPOON SHAPED CABINET SUPPORT PEG. 3MM DIAMETER. 2 PER SHELF SIDE OR EQUAL. FOR SHELVES MORE THAN 24" USE PRIME-LINE SATIN STEEL U10171 BRACKET STYLE SUPPORT HOLDER 8MM. 2 PER SHELF SIDE OR EQUAL.
 4. DOOR PULLS: TBD
 5. DRAWER PULLS: TBD

PRCTI20230973

New Permit Submittal

Drawn By: HCB, KE

Checked By: TR

Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South
Puyallup Leasing
Tenant
Improvements**

Project Address:
**402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104**

Sheet Title:

**Casework
Details**

Sheet Number:

ID5.30

Project Number: 24098

Date: 29 June 2023

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Seattle, WA 98116

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Tim Rhodes . RA . AIA . Architect



TI MATERIAL SCHEDULE

MARK	MATERIAL TYPE	LOCATION	MANUFACTURER/MODEL	FINISH	NOTES
BASE-1	RESILIENT BASE	OPEN OFFICE	ROPPE, 4" WALL BASE w/ TOE (or EQUIV.)	TBD	PER DETAIL
BASE-2	RESILIENT BASE	UTILITY & STORAGE ROOMS	ROPPE, 700 SERIES TPR 6" WALL BASE	TBD	
CL-1	CEILING PAINT, 5/8" GYP. BOARD	PER RCP PLANS	BENJAMIN MOORE #, MATTE or EQUIV.	PREP EXISTING FOR NEW PAINT.	PROVIDE EGGSHELL FINISH IN RESTROOMS
CPT-1	24" x 24" CARPET TILE	PER ARCH. & FINISH PLANS	SHAW CONTRACT CARPET TILE or EQUIV.	TBD	
LAM-1	PLASTIC LAMINATE ON 1.5" BASE	COFFEE BAR COUNTERTOP		TBD	
LAM-2	PLASTIC LAMINATE EXTERIOR	COFFEE BAR CASEWORK		TBD	
PT-1	"White" WALL PAINT	PER INTERIOR ELEVATIONS	BENJAMIN MOORE or EQUIV.	COLOR TBD	PROVIDE SEMI-GLOSS FINISH IN RESTROOMS
PT-2	"Epoxy" WALL PAINT	RESTROOM WALLS	BENJAMIN MOORE or EQUIV.	COLOR TBD	PROVIDE SEMI-GLOSS FINISH IN RESTROOMS

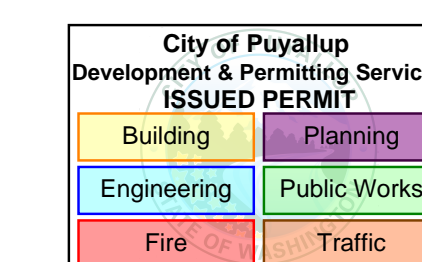
PLUMBING FIXTURE SCHEDULE

MARK	COUNT	FIXTURE TYPE	FINISH	COMMENTS
P-01	4	WALL HUNG LAVATORY SINK w/ FAUCET		SEE PLUMBING FIXTURE AND EQUIPMENT SCHEDULE, SHEET PP601
P-02	1	DRINKING FOUNTAIN		SEE PLUMBING FIXTURE AND EQUIPMENT SCHEDULE, SHEET PP601
P-03	1	COFFEE BAR SINK w/ FAUCET		SEE PLUMBING FIXTURE AND EQUIPMENT SCHEDULE, SHEET PP601

ACCESORIES SCHEDULE

TYPE	COUNT	DESCRIPTION	MANUFACTURER	MODEL	FINISH	NOTES
ACC-1	4	Wall hung vanity mirror, 24" x 36"	Bradley	780-024360 (or Equiv.)		
ACC-2	2	Surface mounted Paper Towel Dispenser	Bobrick	B-2620 (or Equiv.)		

DATE	ISSUE
A	29 June 2023 New Permit Submittal



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New Permit Submittal

Drawn By: HCB, KE
Checked By: TR

Directory:
Sheet Size: 30" x 42"

Project Name: **CITC South
Puyallup Leasing
Tenant
Improvements**

Project Address:
**402 Valley Ave NW,
Puyallup, WA 98371 Suites
101 - 104**

Appliance & Finish Schedules

Sheet Number:
ID6.20

CRITERIA

- ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE INTERNATIONAL BUILDING CODE (2018 EDITION).
- DESIGN LOADING CRITERIA:

ROOF LIVE LOAD	20 PSF
PARITION LOADING	5 PSF
DEFLECTION CRITERIA	
OUT OF PLANE DEFLECTION	L/240
LIVE LOAD DEFLECTION	L/360
TOTAL LOAD DEFLECTION	L/240
ENVIRONMENTAL LOADS	
SNOW	Ce=1.0, Is=1.0, Ct=1.4, Cs=1.0, Pg=25 PSF, Pf=20 PSF
EARTHQUAKE	ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL SYSTEM: LIGHT FRAMED SHEAR WALLS, Vs = 1.4 KIPS SMALL CUBE; 7.7 KIPS LARGE CUBE	
SITE CLASS=0 (DEFAULT), Ss=128, Sds=102, S1=44, SD1=55, Cs=0.197	
SDC D, Ie=1.0, R=6.5	
SEE PLANS FOR ADDITIONAL LOADING CRITERIA	
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS FOR BIDDING AND CONSTRUCTION. ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, THE SPECIFICATION, THESE GENERAL NOTES AND THE SITE CONDITIONS SHALL BE REPORTED TO THE ARCHITECT, WHO SHALL CORRECT SUCH DISCREPANCY IN WRITING. ANY WORK DONE BY THE GENERAL CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE GENERAL CONTRACTOR'S RISK.
- PRIMARY STRUCTURAL ELEMENTS NOT DIMENSIONED ON THE STRUCTURAL PLANS AND DETAILS SHALL BE LOCATED BY THE ARCHITECTURAL PLANS AND DETAILS. VERTICAL DIMENSION CONTROL IS DEFINED BY THE ARCHITECTURAL WALL SECTIONS, BUILDING SECTION, AND PLANS. DETAILING AND SHOP DRAWING PRODUCTION FOR STRUCTURAL ELEMENTS WILL REQUIRE DIMENSIONAL INFORMATION CONTAINED IN BOTH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE CONTRACTORS WORK. THE STRUCTURAL ENGINEER HAS NO OVERALL SUPERVISORY AUTHORITY OR ACTUAL AND/OR DIRECT RESPONSIBILITY FOR THE SPECIFIC WORKING CONDITIONS AT THE SITE AND/OR FOR ANY HAZARDS RESULTING FROM THE ACTIONS OF ANY TRADE CONTRACTOR. THE STRUCTURAL ENGINEER HAS NO DUTY TO INSPECT, SUPERVISE, NOTE, CORRECT, OR REPORT ANY HEALTH OR SAFETY DEFICIENCIES TO THE OWNER, CONTRACTORS, OR OTHER ENTITIES OR PERSONS AT THE PROJECT SITE.
- CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS. CONFORM TO ASCE 37-14 "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION".
- CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.
- DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER. ALL TYPICAL NOTES AND DETAILS SHOWN ON DRAWINGS SHALL APPLY, UNLESS NOTED OTHERWISE. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED ON THE PLANS BUT SHALL STILL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS. WHERE TYPICAL DETAILS ARE NOTED ON THE PLANS, THE SPECIFIED TYPICAL DETAIL SHALL BE USED. WHERE NO TYPICAL DETAIL IS NOTED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE APPROPRIATE TYPICAL DETAIL FROM THOSE PROVIDED OR REQUEST ADDITIONAL INFORMATION. THE CONTRACTOR SHALL SUBMIT ALL PROPOSED ALTERNATE TYPICAL DETAILS TO THOSE PROVIDED WITH RELATED CALCULATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO SHOP DRAWING PRODUCTION AND FIELD USE.
- SHOP DRAWINGS OF DESIGN BUILD COMPONENTS INCLUDING CANOPIES, BALCONIES, COLD FORM STEEL FRAMING, TEMPORARY SHORING, CURTAIN WALL SYSTEMS, SKYLIGHT FRAMES, PREFABRICATED STAIR SYSTEMS, EXTERIOR CLADDING, AND PRE-ENGINEERED SYSTEMS SHALL BE STAMPED AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF WASHINGTON. SHOP DRAWINGS SHALL BE APPROVED BY THE COMPONENT DESIGNER PRIOR TO REVIEW OF THE ARCHITECT OR ENGINEER OF RECORD FOR GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL NECESSARY CONNECTIONS NOT SPECIFICALLY CALLED OUT ON ARCHITECTURAL OR STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL INDICATE MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON BASIC STRUCTURE. DESIGN CALCULATIONS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS.

QUALITY ASSURANCE

- SPECIAL INSPECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND SECTIONS 110 AND 1705 OF THE INTERNATIONAL BUILDING CODE BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE ARCHITECT, AND RETAINED BY THE BUILDING OWNER. THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING DEPARTMENT SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION AND TEST RESULTS. SPECIAL INSPECTION OF THE FOLLOWING TYPES OF CONSTRUCTION IS REQUIRED UNLESS NOTED OTHERWISE.

CONCRETE CONSTRUCTION	PER TABLE 1705.3
EPOXY GROUTED INSTALLATIONS	PER MANUFACTURER

PERIODIC INSPECTION: INSPECTION SHALL BE PERFORMED AT INTERVALS NECESSARY TO CONFIRM THAT WORK REQUIRING SPECIAL INSPECTION IS IN COMPLIANCE WITH REQUIREMENTS.
CONTINUOUS INSPECTION: INSPECTOR SHALL BE ONSITE AND OBSERVE THE WORK REQUIRING INSPECTION AT ALL TIMES THAT WORK IS PERFORMED.

RENOVATION

- DEMOLITION: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. SHORING SHALL BE INSTALLED TO SUPPORT EXISTING CONSTRUCTION AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. LIMIT CONSTRUCTION LOADING (INCLUDING DEMOLITION DEBRIS) ON EXISTING FLOOR SYSTEMS TO 40 PSF.
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER IF EXISTING CONDITIONS DETERMINED DURING WORK VARY FROM THE EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS.

CONCRETE

- CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH ACI 301, INCLUDING TESTING PROCEDURES. CONCRETE SHALL ATTAIN A 28-DAY STRENGTH OF $f'c = 3,000$ PSI AND MIX SHALL CONTAIN NOT LESS THAN 5-1/2 SACKS OF CEMENT PER CUBIC YARD AND SHALL BE PROPORTIONED TO PRODUCE A SLUMP OF 5" OR LESS. REQUIRED CONCRETE STRENGTH IS BASED ON THE DURABILITY REQUIREMENTS OF SECTION 1904 OF THE IBC. DESIGN STRENGTH IS $f'c = 2,500$ PSI.
- ALL CONCRETE WITH SURFACES EXPOSED TO WEATHER OR STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260, C494, AND C618. TOTAL AIR CONTENT FOR FROST-RESISTANT CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318-14, TABLE 19.3.2.1 MODERATE EXPOSURE, F1.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, FY = 60,000 PSI. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
--	----
- CAST-IN-PLACE CONCRETE: SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF DOOR AND WINDOW OPENINGS IN ALL CONCRETE WALLS. SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF MISCELLANEOUS MECHANICAL OPENINGS THROUGH CONCRETE WALLS. SEE ARCHITECTURAL DRAWINGS FOR ALL GROOVES, NOTCHES, CHAMFERS, FEATURE STRIPS, COLOR, TEXTURE, AND OTHER FINISH DETAILS AT ALL EXPOSED CONCRETE SURFACES, BOTH CAST-IN-PLACE AND PRECAST.
- NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3000 PSI MINIMUM).

ANCHORAGE

- EXPANSION BOLTS INTO CONCRETE SHALL BE "STRONG-BOLT 2" WEDGE ANCHORS AS MANUFACTURED BY THE SIMPSON STRONG TIE COMPANY AND INSTALLED IN STRICT CONFORMANCE TO ICC-ES REPORT NUMBER ESR-3037, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. BOLTS INTO CONCRETE MASONRY OR BRICK MASONRY UNITS SHALL BE INTO FULLY GROUTED CELLS. PERIODIC SPECIAL INSPECTION IS REQUIRED TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, ANCHOR LOCATION, TIGHTENING TORQUE, HOLE DIMENSIONS, ANCHOR EMBEDMENT, AND ADHERENCE TO THE INSTALLATION INSTRUCTIONS.
- EPOXY-GROUTED ITEMS (THREADED RODS OR REINFORCING BAR) SPECIFIED ON THE DRAWINGS SHALL BE INSTALLED USING "SET-XP" HIGH STRENGTH EPOXY AS MANUFACTURED BY THE SIMPSON STRONG, TIE COMPANY. INSTALL IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-2508. MINIMUM BASE MATERIAL TEMPERATURE IS 50 DEGREES, F. RODS SHALL BE ASTM A-36 UNLESS OTHERWISE NOTED. PERIODIC SPECIAL INSPECTION OF INSTALLATION IS REQUIRED TO VERIFY ANCHOR OR EMBEDDED BAR TYPE AND DIMENSIONS, LOCATION, ADHESIVE IDENTIFICATION AND EXPIRATION, HOLE DIMENSIONS, HOLE CLEANING PROCEDURE, ANCHOR EMBEDMENT, AND ADHERENCE TO THE INSTALLATION INSTRUCTIONS. CONTINUOUS SPECIAL INSPECTION IS REQUIRED FOR HORIZONTAL AND OVERHEAD INSTALLATIONS.
- CONCRETE SCREW ANCHORS INTO CONCRETE AND CONCRETE MASONRY UNITS SHALL BE "TITEN HD" HEAVY DUTY SCREW ANCHOR AS MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY, INSTALLED IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-2713 (CONCRETE), NO. ESR-1056 (CMU), INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. SCREW ANCHORS INTO CONCRETE MASONRY UNITS SHALL BE INTO FULLY GROUTED CELLS. SPECIAL INSPECTION IS REQUIRED.
- DRIVE PINS AND OTHER POWDER-ACTUATED FASTENERS SHALL BE LOW VELOCITY TYPE (SERIES X-U, 0.157" DIAMETER (STEEL), UNLESS OTHERWISE NOTED) AS MANUFACTURED BY THE HILTI CORP. OR AN APPROVED EQUIVALENT IN STRENGTH AND EMBEDMENT. INSTALL IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-2269. MINIMUM EMBEDMENT IN CONCRETE SHALL BE 1" UNLESS OTHERWISE NOTED. MAINTAIN AT LEAST 3" TO NEAREST CONCRETE EDGE.

STEEL

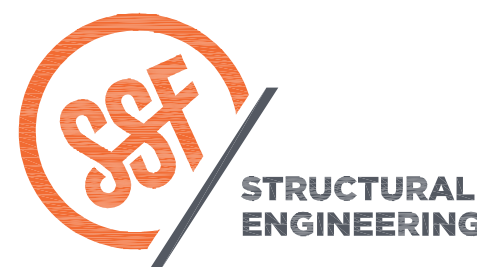
- COLD-FORMED STEEL FRAMING NOTES--THE FOLLOWING APPLY UNLESS OTHERWISE SHOWN ON THE PLANS:
 - COLD FORMED STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE BASED ON AISI S100-16, "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS," AND ON THE 2015 NORTH AMERICAN STANDARDS FOR COLD FORMED STEEL FRAMING, INCLUSIVE.
 - THE CONTRACTOR SHALL PROVIDE A QUALITY CONTROL PROGRAM OVER ALL FABRICATION AND ERECTION ACTIVITY THROUGH THE USE OF AN INDEPENDENT TESTING AGENCY AND/OR A QUALIFIED REPRESENTATIVE OF THE STEEL MANUFACTURER. THE CONTRACTOR SHALL OBTAIN MILL CERTIFICATION FROM THE GAUGE STEEL MANUFACTURER OR SHALL SUBMIT TENSILE TESTS AND GALVANIZATION TESTS TO THE ENGINEER OF RECORD TO VERIFY THE ADEQUACY OF THE GAUGE MATERIALS.
 - COLD-FORMED STEEL FRAMING MEMBERS INDICATED ON PLAN SHALL BE IN ACCORDANCE WITH THE "2015 IBC-SSMA PRODUCT TECHNICAL GUIDE" PUBLISHED BY THE STEEL STUD MANUFACTURERS ASSOCIATION, AND SHALL COMPLY WITH ICC-ES REPORT ESR-3064P.

DESIGNATION:	600	S	200	-	54
DEPTH		MEMBER	MEMBER		MATERIAL
		STYLE	WIDTH		THICKNESS(MILS)
 - MATERIAL:

METAL FRAMING SHALL BE GALVANIZED UNLESS OTHERWISE NOTED, CONFORMING AS FOLLOWS:

ASTM A653, GRADE 50	FY = 50 KSI	12, 14, AND 16 GAUGE
ASTM A653, GRADE 33	FY = 33 KSI	18 AND 20 GAUGE

WHERE NOTED, PAINTED STUDS SHALL CONFORM TO: ASTM A570, GRADE E, FY=50 KSI. ALL 8 AND 10 GAGE MATERIAL SHALL CONFORM TO: ASTM A36, FY=36 KSI
 - ACCESSORIES SHALL BE OF THE TYPE, SIZE, AND SPACING SHOWN ON THE DRAWINGS OF A MINIMUM 16 GAUGE MATERIAL UNLESS OTHERWISE SPECIFIED. FASTENING OF COMPONENTS SHALL BE BY WELDING OR SCREWING OR BY OTHER MEANS OF FASTENING AS INDICATED ON THE DRAWINGS. PROVIDE MISCELLANEOUS CLIP ANGLES, LEDGERS, AND ACCESSORIES OF A MINIMUM 16 GAUGE OR THE THICKNESS OF THE MATERIAL BEING FASTENED, WHICHEVER IS GREATER. FOR CONNECTIONS AND BEARING CONDITIONS NOT OTHERWISE NOTED IN THE DRAWINGS, WELDS SHALL BE OF SUFFICIENT SIZE TO INSURE THE STRENGTH OF THE CONNECTION. WIRE TYING OF COMPONENTS SHALL NOT BE PERMITTED. ALL WELDS SHALL BE TOUCHED UP WITH A ZINC-RICH PAINT.
 - SCREWS: ALL SCREWS SHALL BE SELF-TAPPING SELF-DRILLING FASTENERS THAT ARE ZINC COATED AS MANUFACTURED BY HILTI KWIK-FLEX (ICC-ES ESR-2196), OR APPROVED EQUAL. THE MINIMUM SCREW SIZE/TYPE/POINT SHALL BE #8-18 (#2 POINT) OR #10-16 (#2 POINT) FOR USE IN 20 GAUGE THROUGH 16 GAUGE, AND #10-16 (#3 POINT) OR #12-14 (#2 OR #3 POINT) FOR HEAVIER THAN 16 GAUGE UNLESS NOTED OTHERWISE. SCREWS FOR SHEATHING CONNECTIONS SHALL BE OF THE PROPER SIZE AND TYPE FOR A POSITIVE SHEATHING-TO-METAL CONNECTION. ALL SCREW CONNECTIONS SHALL BE MADE FROM THE LIGHTER MATERIAL INTO THE HEAVIER MATERIAL UNLESS NOTED OTHERWISE. SCREWS SHALL HAVE A MINIMUM PROJECTION OF 3 THREADS THROUGH THE LAST MATERIAL JOINED AND SHALL HAVE MINIMUM EDGE DISTANCES AND CENTER-TO-CENTER SPACING OF 1-1/2 AND 3 SCREW DIAMETERS, RESPECTIVELY. ALL SCREWS SHALL CONFORM TO SAE J78 AND SHALL BE COATED WITH A CORROSION-RESISTANT COATING. THE SCREW MANUFACTURER SHALL PROVIDE VERIFICATION OF THE FASTENERS RESISTANCE TO HYDROGEN EMBRITTLEMENT, UPON REQUEST.
 - WELDING OF COLD-FORMED METAL FRAMING SHALL CONFORM TO AWS D1.3 AND SHALL BE PERFORMED BY WABO CERTIFIED WELDERS QUALIFIED TO PRODUCE THE SPECIFIED CLASSES OF WELD.
 - WALL FRAMING: REFER ARCHITECTURAL DRAWINGS FOR ALL STUD WALLS NOT SHOWN. EXTERIOR WALL STUDS SHALL BE MINIMUM 20 GAUGE (33 MILS) SPACED AT 16" O.C. UNLESS INDICATED OTHERWISE. TWO STUDS MINIMUM SHALL BE PROVIDED AT THE END OF ALL WALLS AND AT EACH SIDE OF ALL OPENINGS. TWO BOOS162-54 HEADERS SHALL BE PROVIDED OVER ALL OPENINGS NOT OTHERWISE NOTED. SOLID BLOCKING FOR MULTI-STUD OR STEEL COLUMNS SHALL BE PROVIDED THROUGH FLOORS TO SUPPORTS BELOW. PROVIDE CONTINUOUS FULL WIDTH BLOCKING AT MID-HEIGHT OF ALL STUD WALLS OVER 10' IN HEIGHT.
- ALL STUD WALLS SHALL HAVE THEIR BOTTOM TRACKS ATTACHED TO FRAMING BELOW WITH #8 SCREWS AT 24" O.C. OR ATTACHED TO CONCRETE WITH 1/4"Ø TITEN HD SCREW ANCHORS @ 32" O.C. UNLESS INDICATED OTHERWISE. INDIVIDUAL MEMBERS OF BUILT-UP POSTS SHALL BE WELDED TO EACH OTHER IN ACCORDANCE WITH THE DETAILS. REFER TO THE PLANS AND SHEAR WALL SCHEDULE FOR REQUIRED SHEATHING AND STRAP BRACING. WHEN NOT OTHERWISE NOTED, PROVIDE GYPSUM WALLBOARD ON INTERIOR SURFACES AND GYPSUM SHEATHING ON EXTERIOR SURFACES SCREWED TO ALL STUDS, TOP AND BOTTOM TRACKS AND BLOCKING WITH SCREWS AT 12" O.C. TRACK SECTIONS SHALL MATCH THE WALL STUD GAUGE, BE UN-PUNCHED AND HAVE AT LEAST 1-1/4" FLANGES.
- BRIDGING AND BRACING IS TO BE INSTALLED AT ALL COLD FORMED STEEL BEARING WALLS. BRIDGING AND BRACING SHALL BE INSTALLED AS SHOWN ON THE STRUCTURAL PLANS, OR THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON TO DESIGN AN ALTERNATE BRACING SYSTEM. IF AN ALTERNATE BRACING SYSTEM IS USED, THE CONTRACTOR SHALL SUBMIT STAMPED DRAWINGS AND CALCULATIONS TO THE ENGINEER OF RECORD, WHICH DEMONSTRATES THAT THE BRACING SYSTEM WAS DESIGNED TO PROVIDE PERMANENT WEAK AXIS BRACING OF THE STUDS UNDER CODE PRESCRIBED LOADS. DOCUMENTATION SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.



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DRAWN:	ADW
DESIGN:	RMZ
CHECKED:	RHR
APPROVED:	RHR

REVISIONS:	
Construction Documents Revisions	Feb. 25, 2022
Permit Resubmittal	Mar. 28, 2022

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

PROJECT TITLE:
CITC
South Sound Campus
Valley Ave NW
Puyallup, WA 98371

PRCTI20230973

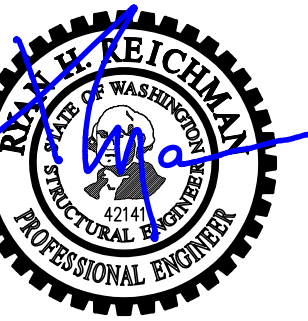
ARCHITECT:
RHODES architecture + light
4218 SW Alaska St, Suite G
Seattle, WA 98116
PH 206.933.1257

ISSUE:
CONSTRUCTION DOCUMENTS

SHEET TITLE:
South Building
General Structural Notes

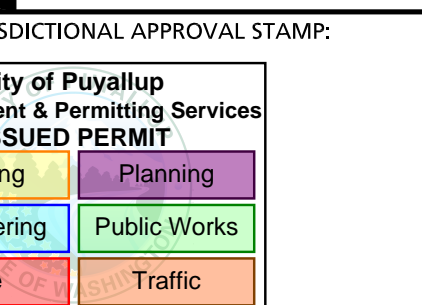
SCALE:
DATE: March 28, 2022
PROJECT NO: 00509-2021-03
SHEET NO:

S1.1



DRAWN: ADW
 DESIGN: RMZ
 CHECKED: RHR
 APPROVED: RHR

REVISIONS:
 Construction Documents Revisions Feb. 25, 2022
 Permit Resubmittal Mar. 28, 2022



NON-LOAD BEARING INTERIOR WALLS

MIL (GA.)	ALLOWABLE NON-LOAD BEARING PARTITION HEIGHT				
	350	362	400	550	600
18 (25)	12'-0"	15'-1"	16'-2"	--	--
33 (20)	15'-1"	19'-6"	21'-8"	30'-1"	--
43 (20)	16'-5"	21'-3"	23'-8"	32'-10"	41'-8"
54 (16)	--	22'-9"	25'-4"	35'-2"	44'-9"
68 (14)	--	24'-4"	27'-1"	37'-8"	48'-0"

NOTES:

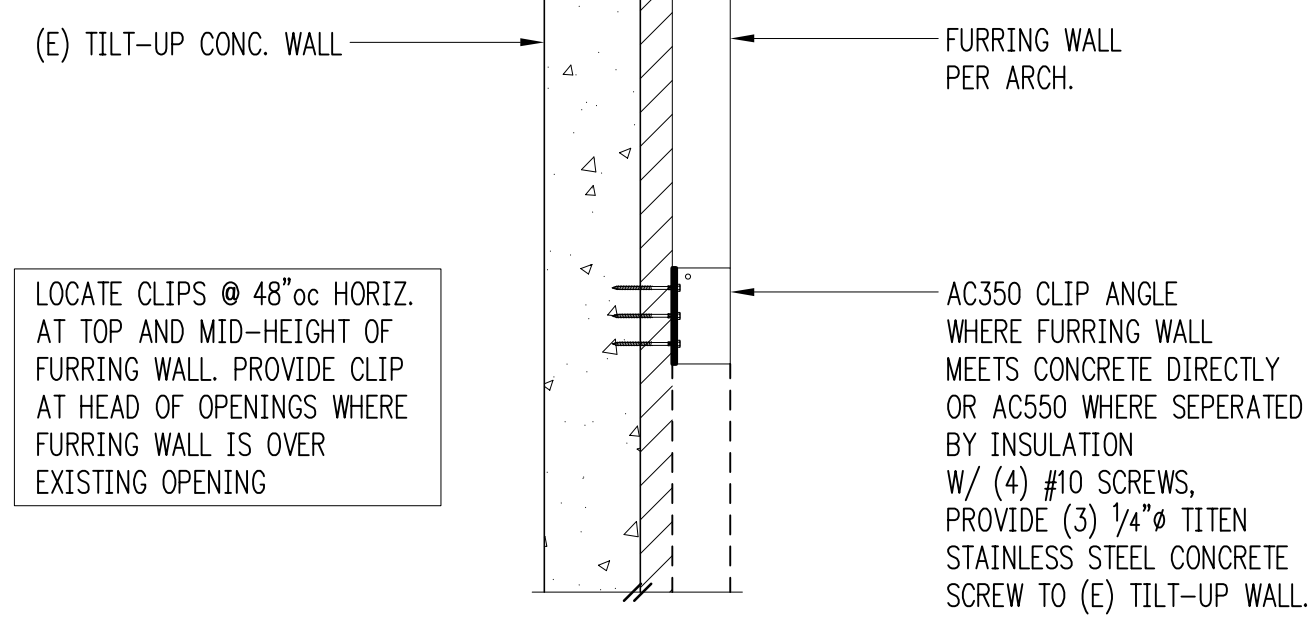
- HEIGHTS ARE BASED ON ICBO ES EVALUATION REPORT NO. 4943-P, (STEEL STUD MANUFACTURERS ASSOCIATION, SSMMA).
- MAXIMUM STUD SPACING IS 16"oc.
- INTERIOR STUDS TO BE S125 MINIMUM (1/4" flanges).
- INTERIOR STUD HEIGHTS BASED ON UNIFORM LATERAL LOAD OF 5 PSF AND A MAXIMUM DEFLECTION OF L/120.
- ALLOWABLE HEIGHTS ARE BASED ON CONTINUOUS LATERAL SUPPORT OVER THE ENTIRE LENGTH OF BOTH STUD FLANGES. FLANGE SUPPORT IS PROVIDED BY CWB OR BRIDGING @ 48"oc MAXIMUM. CWB SHALL BE CONNECTED TO STUD FLANGES PER 1997 IBC TABLE 25G OR 25H.
- DESIGNATION: 600 S 162 - 54
 DEPTH STYLE FLANGE WIDTH MATERIAL THICKNESS (MILS)
- METAL FRAMING SHALL BE GALVANIZED UNLESS OTHERWISE NOTED. ALL HEIGHTS BASED ON 33 KSI YIELD STRENGTH STEEL.
- WELDING OF COLD-FORMED METAL FRAMING SHALL CONFORM TO AWS D1.3 AND SHALL BE PERFORMED BY WELDERS QUALIFIED TO PRODUCE THE SPECIFIC CLASSES OF WELDS.

1

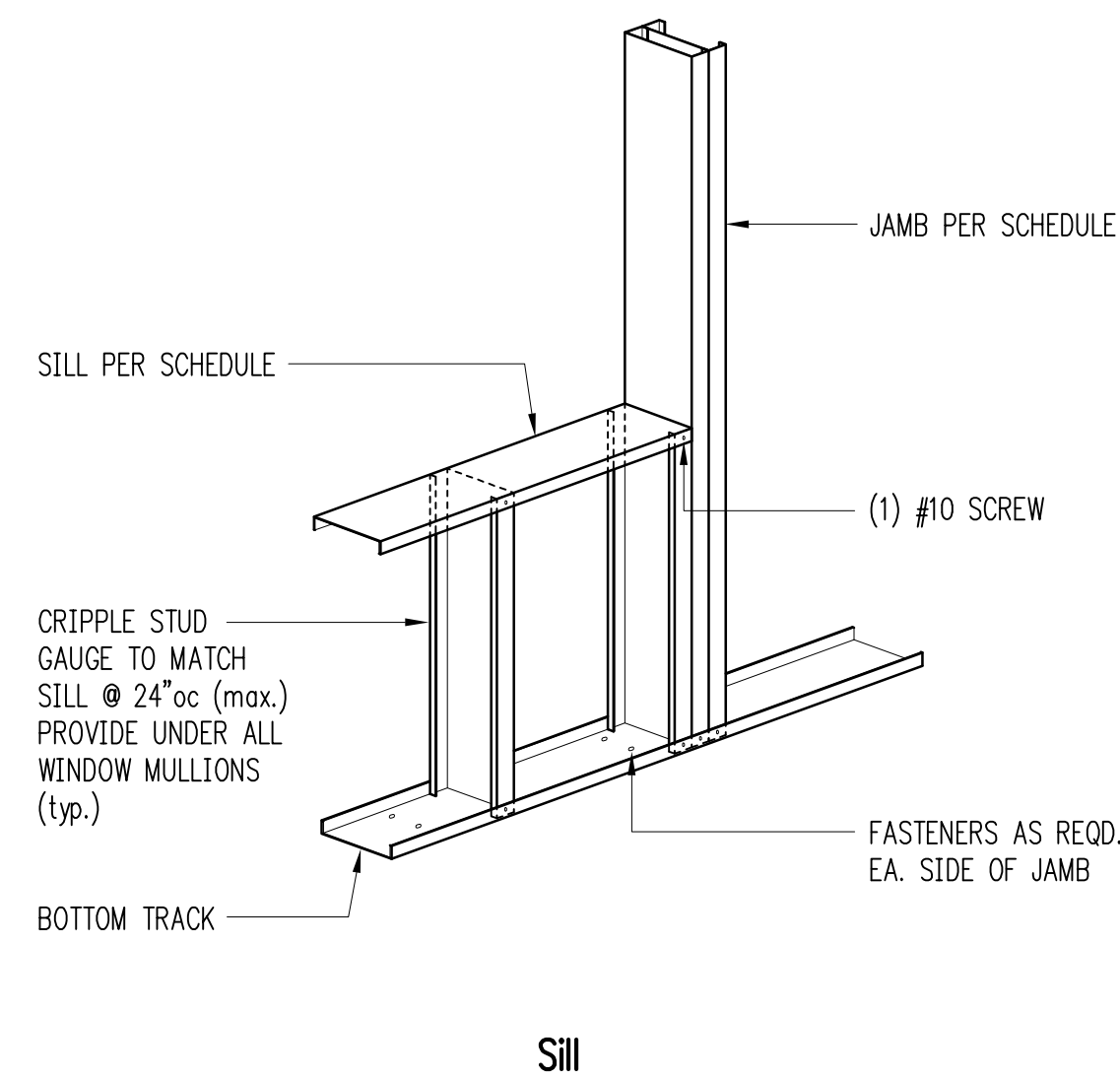
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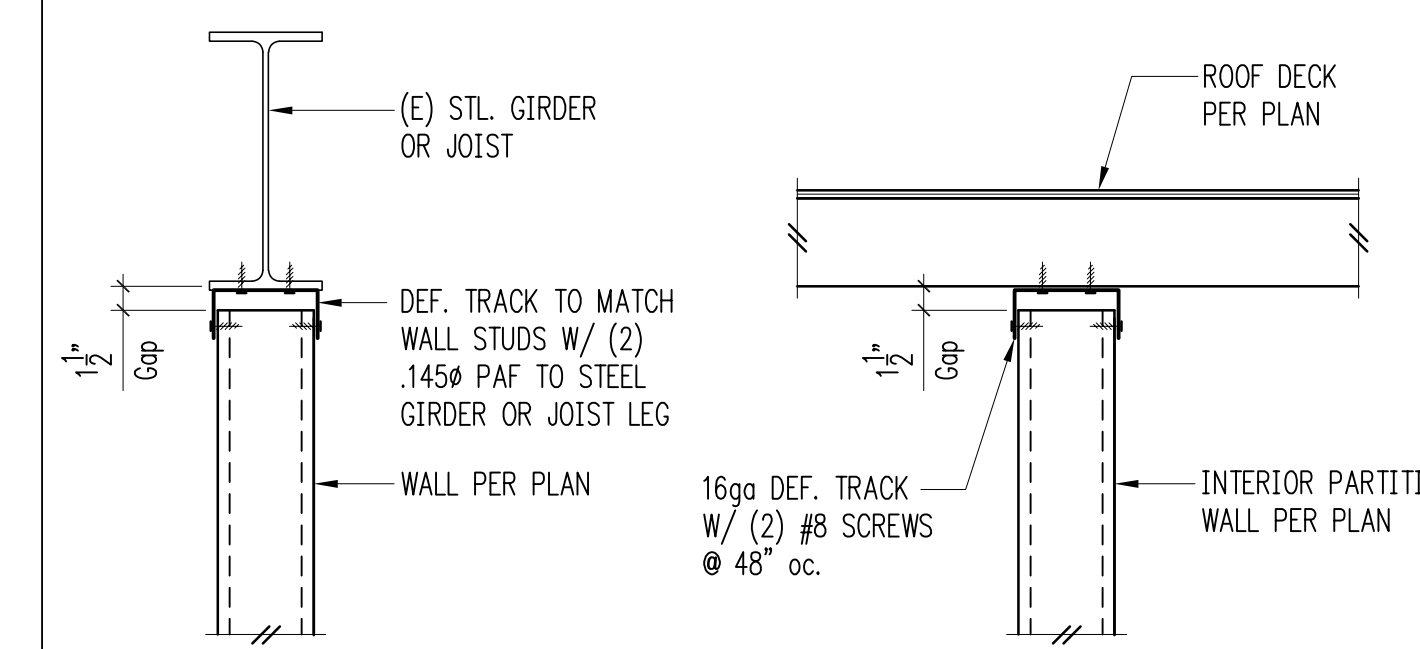
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6



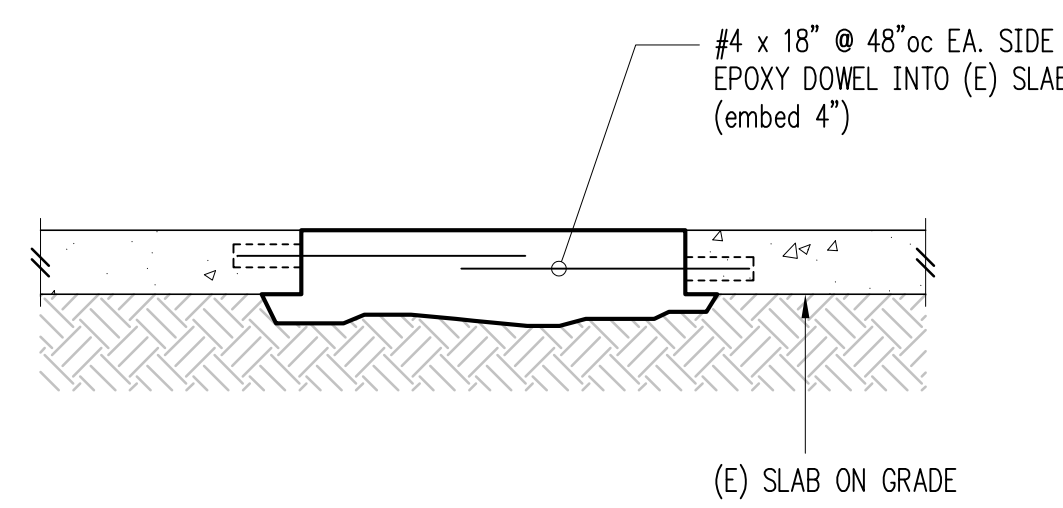
Top of Opening with Header
 OPENINGS > 6'-0" IN WIDTH



At Roof Girders or Joists

9

Non-Load Bearing Metal Framing Notes & Properties 10



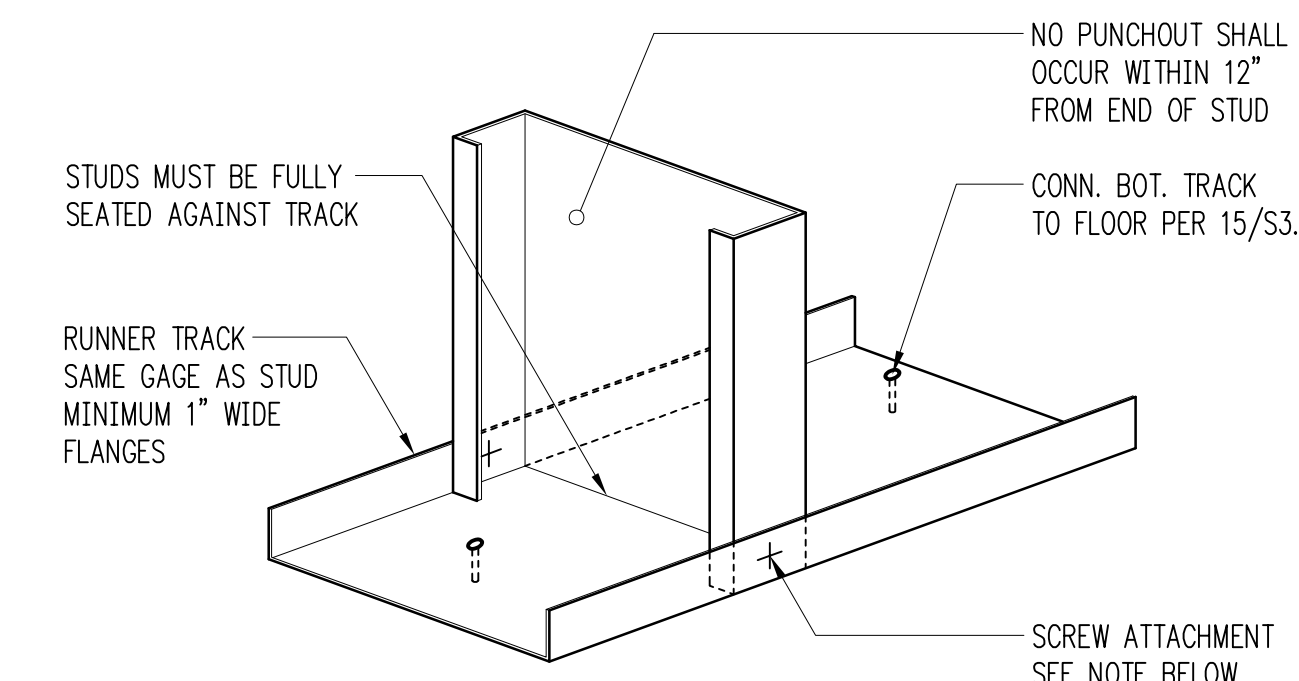
11

Opening Framing Schedule

MEMBER	OPENING WIDTH				
	6'-0" max.	8'-0" max.	10'-0" max.	12'-0" max.	27'-0" max.
HEAD or SILL	600T200-33	600T200-43	600T200-54	600T200-68	(2) 600T200-68 W/ (2) 800S200-68 HDR.
JAMB	600S200-54	(2) 600S200-54	(3) 600T200-54	(3) 600T200-54	(4) 600S200-54

- NOTE:
 1. JAMB STUDS ARE IN ADDITION TO TYPICAL WALL FRAMING STUDS. REFER TO WALL SCHEDULE 10/S3.1.
 2. PROVIDE 3/8" HEAD/SILL AND JAMB MEMBERS OF SAME WIDTH AND MILS WHERE REQ'D FOR FURRING WALL PER ARCHITECT.

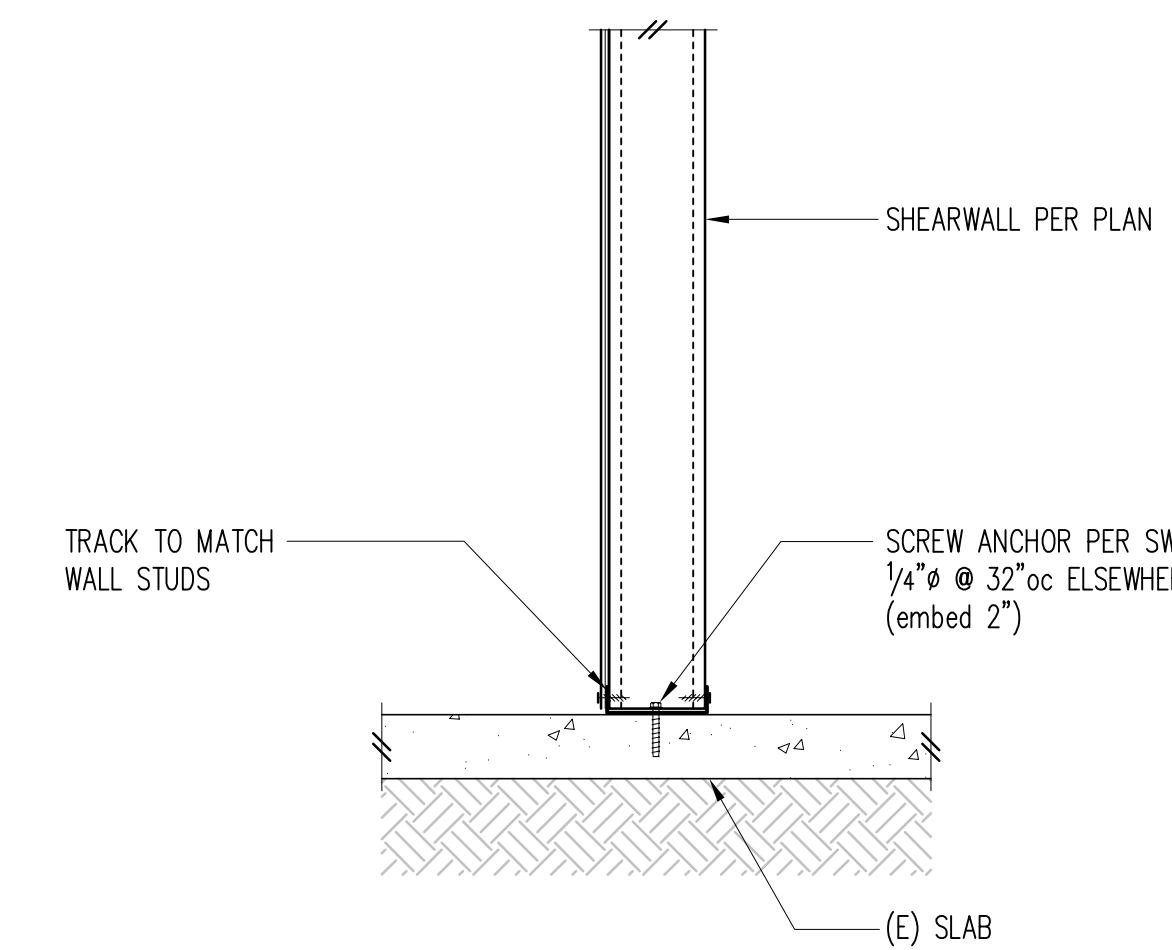
Typical Exterior Wall Framing 13



NOTES:

- WHEN TRACK IS ATTACHED DIRECTLY TO STUD FLANGE, A STANDARD NO. 6 x 7/16" PAN HEAD SHEET METAL SCREW SHALL BE USED. WHEN DRYWALL COVERING, TRACK AND STUD FLANGES ARE ATTACHED AT SAME TIME, A STANDARD (MIN.) 1" LONG DRYWALL SCREW SHALL BE USED. ANY COMBINATION OF THE ABOVE METHODS MAY BE USED IN THE DIRECTION OF A COMPLETED WALL ASSEMBLY.

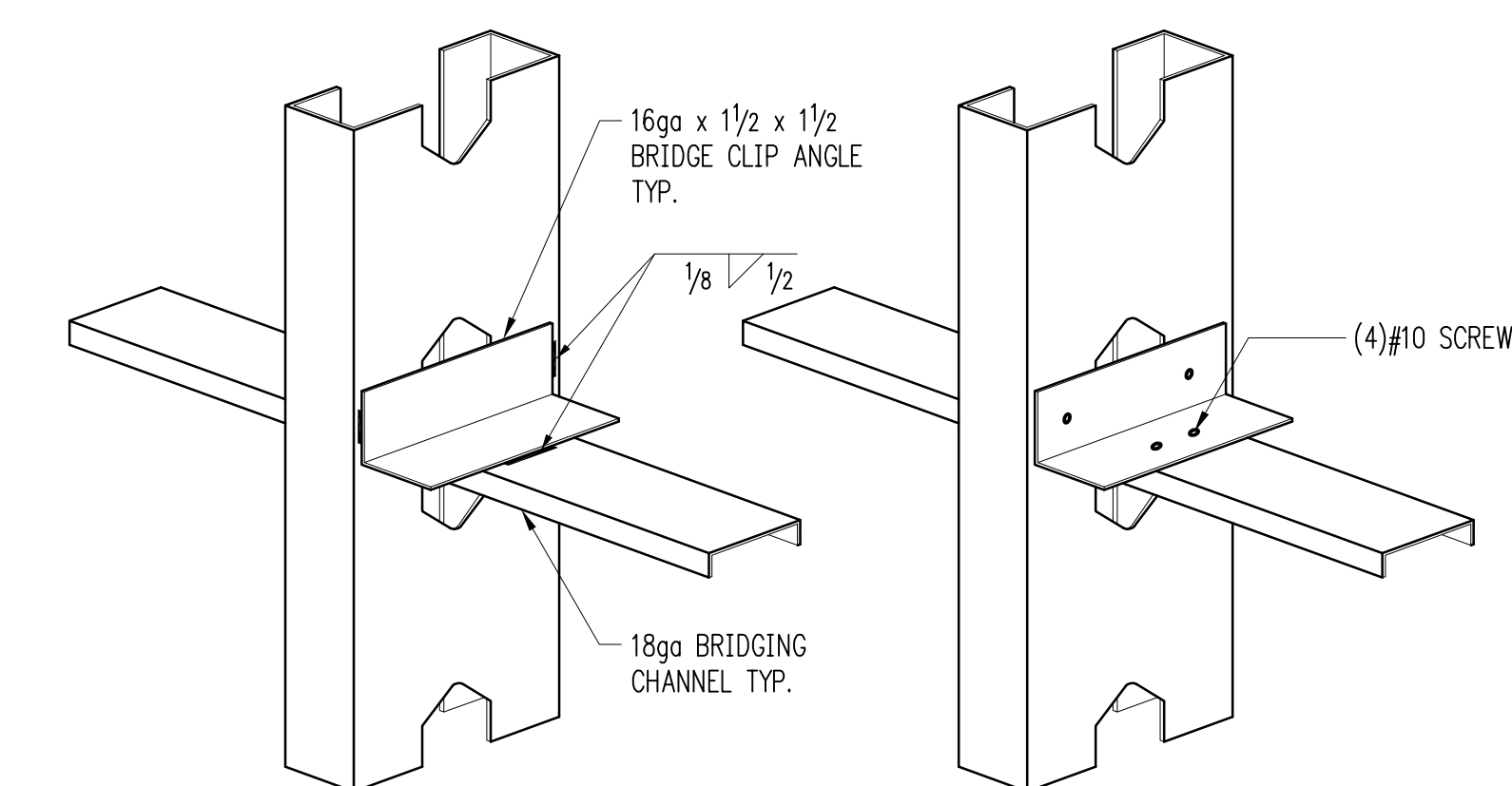
Typical Top & Bottom Track at Interior Walls 14



15

NOTES:

- BRIDGING IS REQUIRED FOR LOADINGS APPLIED BEFORE SHEATHING IS ATTACHED TO BOTH FLANGES. BRIDGING PROVIDES RESISTANCE TO ROTATION CAUSED BY WIND LOADING, AND RESISTANCE TO BOTH ROTATION AND MINOR AXIS BENDING CAUSED BY AXIAL LOADING. THE NUMBER OF BRIDGING ROWS SHOULD NOT BE LESS THAN SPECIFIED IN THE FOLLOWING.
- WALLS SUPPORTING VERTICAL (AXIAL) LOAD
 1. UP TO 10'-0" HEIGHT: TWO ROWS OF BRIDGING EQUALLY SPACED.
 2. OVER 10'-0" HEIGHT: BRIDGING ROWS SPACE 4'-0"oc MAX.
- BRIDGING SHALL BE EITHER WELDED OR SCREWED AS SHOWN AT RIGHT:



PRCTI20230973

Stud Bridging 20

16

17

18

PROJECT TITLE:
 CITC
 South Sound Campus
 Valley Ave NW
 Puyallup, WA 98371

ARCHITECT:
 RHODES architecture + light
 4218 SW Alaska St, Suite G
 Seattle, WA 98116
 PH 206.933.1257

ISSUE:
CONSTRUCTION DOCUMENTS

SHEET TITLE:
South Building Light Gauge Framing Details

SCALE: 1" = 1'-0" U.N.O.

DATE: March 28, 2022

PROJECT NO: 00509-2021-03

SHEET NO:

S3.1

RTU SCHEDULE																	
UNIT NO	SCOPE	MANUFACTURER	MODEL	LOCATION	NOMINAL SIZE	CFM	MIN OSA	ESP	REFRIGERANT TYPE	EER/SEER	GAS INPUT (MBH)	GAS OUTPUT (MBH)	AFUE	MCA	VOLTAGE	WEIGHT	NOTES
RTU-1	NEW	LENNOX	LGT060H4E	ROOF	5TONS	1990	0	1.0	R-410A	12.8/17.1	108	81	80%	31	208/3	874	1,2,3

- NOTES:
- NEW PACKAGED RTU PROVIDE WITH THE FOLLOWING
 - ADAPTER CURB
 - LOW LEAK ECONOMIZER WITH ADJUSTABLE DRY BULB SENSOR
 - DOWNFLOW CONFIGURATION
 - 2 STAGE GAS HEAT
 - PROVIDE WITH OA AND EA CLASS 1 MOTORIZED DAMPER FOR BUILDING ISOLATION PER WSEC C403.7.8.1
 - WEIGHT INCLUDES CURB AND ACCESSORIES

ENERGY RECOVERY VENTILATOR SCHEDULE													
UNIT NO	MFG & MODEL NO	SCOPE	OA CFM	OA ESP	RA CFM	RA ESP	SUMMER EFFECTIVENESS	WINTER EFFECTIVENESS	WATTS	VOLT/PH	MCA	WEIGHT	NOTES
ERV-1	MITSUBISHI TLGHF0300	NEW	300	1	300	1	65.00%	81.50%	235	208/1	15	75	1-6

- NOTES:
- ENERGY RECOVERY UNIT WITH THE FOLLOWING:
 - AIR TO AIR TOTAL HEAT EXCHANGER
 - MERV 7 OA AND RA FILTERS
 - POWER WIRING AND DISCONNECT BY E.C.
 - EFFECTIVENESS LISTED IS TOTAL EFFECTIVENESS
 - TOTAL SYSTEM FAN POWER LESS THAN 1 WATT PER CFM IN ACCORDANCE WITH WSEC C403.3.5.1
 - DOAS SUPPLY AIR DELIVERED DIRECTLY INTO SPACE PER WSEC C403.3.5.3
 - PROVIDE WITH OA AND EA MOTORIZED DAMPERS PER MANUFACTURERS RECOMMENDATION

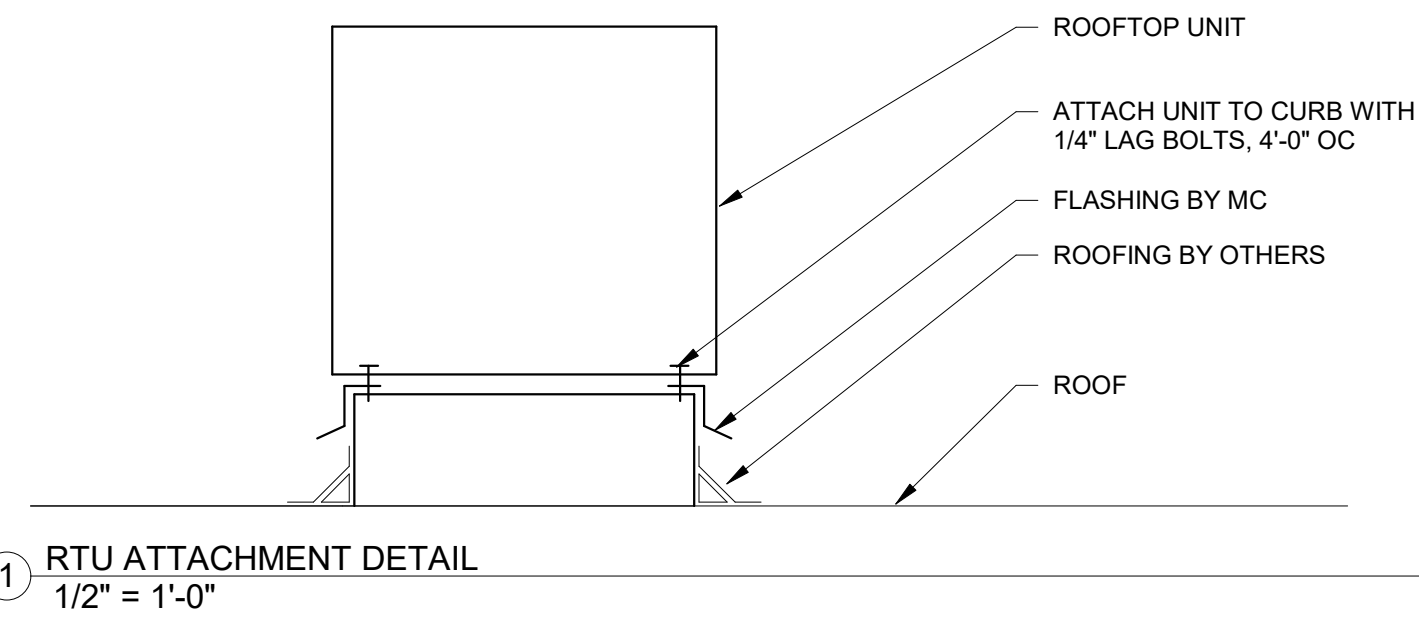
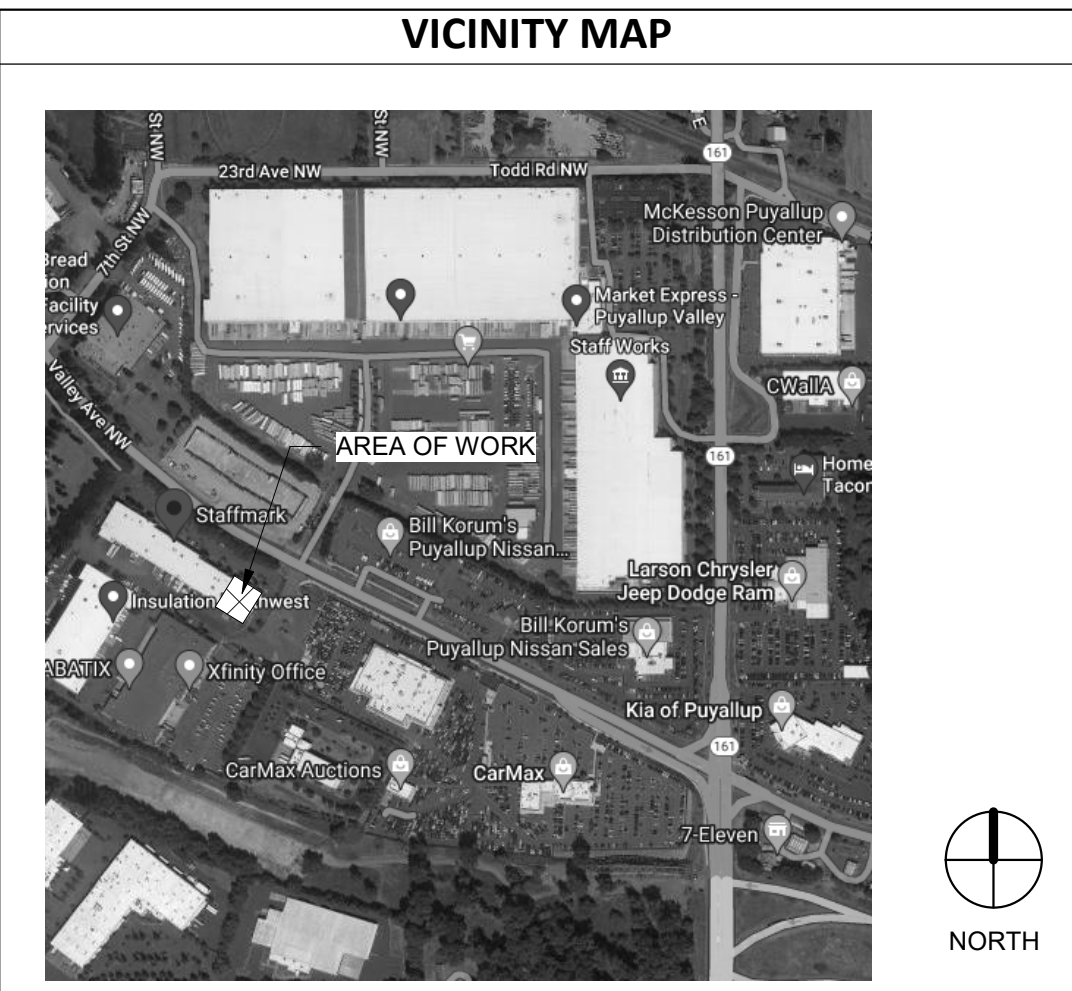
UNIT HEATER													
UNIT NO	SCOPE	MANUFACTURER	MODEL	SERVES	GAS INPUT (BTUH)	GAS OUTPUT (BTUH)	AFUE	MOCF	VOLTAGE	WEIGHT	NOTES		
UH-1	NEW	REZNOR	UDX-75	WAREHOUSE	75,000	62,250	83%	15	115/1	84	1,2		
UH-2	NEW	REZNOR	UDX-75	WAREHOUSE	75,000	62,250	83%	15	115/1	84	1,2		

- NOTES:
- GAS UNIT HEATER WITH THE FOLLOWING
 - SINGLE STAGE NATURAL GAS VALVE
 - INTEGRATED THERMOSTAT
 - WAREHOUSE SEMI-HEATED WITH ENERGY LESS THAN 8.0 BTU / SF.

PROJECT CONTACTS				
CONTACT	POSITION	EMAIL	TELEPHONE	
TED HUNT	PROJECT MANAGER	TEDH@GROUPMCS.COM	253-307-2835	
TRICIA DRAKE	ENGINEER	TRICIA@HVACDOUBLECHECK.COM	206-249-6154	

SCOPE OF WORK

(1) RTU for office tenant improvement with ERV
 New Unit heaters for warehouse
 Associated ducts and diffusers



1 RTU ATTACHMENT DETAIL
 1/2" = 1'-0"

GENERAL HVAC NOTES

- MECHANICAL DESIGN, INSTALLATION & COORDINATION SHALL COMPLY WITH THE FOLLOWING CODES:
 - INTERNATIONAL MECHANICAL CODE (IMC) 2018
 - WASHINGTON STATE ENERGY CODE (WSEC) 2018
- THE FOLLOWING NOTES APPLY TO ALL MECHANICAL DRAWINGS. ADDITIONAL MECHANICAL NOTES MAY BE INDICATED ON EACH MECHANICAL DRAWING. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR GENERAL CONSTRUCTION INCLUDING, LOUVERS, CONCRETE EQUIPMENT PADS FLASHING DETAILS, ETC.
- REFER TO ARCHITECTURAL DRAWING 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.).
- MECHANICAL DRAWINGS SHOW APPROXIMATE LOCATIONS FOR GRILLS AND DIFFUSERS. FIELD COORDINATE ACTUAL LOCATIONS BY REFERRING TO ARCHITECTURAL DRAWINGS, REFLECTED CEILING PLANS, AND OTHER CEILING OR SURFACE MOUNTED DEVICES PLANS. INSTALL EQUIPMENT IN CONFORMANCE WITH ARCHITECTURAL FEATURES IN THE CENTER OF CEILING TILES, IN THE CENTER OF ROOMS, OR WHERE INDICATED ON ARCHITECTURAL DRAWINGS. WHERE EQUIPMENT IS NOT INDICATED ON ARCHITECTURAL DRAWINGS, OBTAIN DIRECTION FROM ARCHITECT PRIOR TO INSTALLATION.
- GENERALLY DUCTWORK PLANNED TO BE TIGHT TO STRUCTURE WITH PIPING BELOW DUCTWORK AND BETWEEN LIGHT FIXTURES. ADJUST AS NECESSARY.
- COORDINATE LOCATIONS OF MECHANICAL EQUIPMENT AND DUCTWORK TO PROVIDE CLEARANCES OVER LIGHTING FIXTURES FOR REMOVAL AND SERVICE ACCESS DUE TO EQUIPMENT MAINTENANCE. ARRANGE HVAC EQUIPMENT SO THAT ACCESS CLEARANCES INDICATED BY DRAWINGS, REQUIRED BY CODES, AND RECOMMENDED BY MANUFACTURER ARE PROVIDED.
- WHERE NECESSARY, PROVIDE ACCESS PANELS/DOORS IN DUCTWORK AS INDICATED FOR INSPECTION AND MAINTENANCE FOR ALL SMOKE/FIRE DAMPERS.
- GENERAL CONTRACTOR SHALL PROVIDE ACCESS TO FIRE AND/OR COMBINATION FIRE/SMOKE DAMPERS THROUGH ACCESS DOORS IN HARD CEILINGS AND WALLS. WHERE ACCESS DOORS PENETRATE FIRE RATED SYSTEMS THEY SHALL BE RATED IN ACCORDANCE WITH IBC REQUIREMENTS.
- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL ELECTRICAL CHARACTERISTICS OF MECHANICAL EQUIPMENT (VOLTAGES, ETC.)
- ELECTRICAL CHARACTERISTICS OF LISTED EQUIPMENT SHALL BE VERIFIED BY CONTRACTOR DURING SUBMITTAL PROCESS. ANY ELECTRICAL CHARACTERISTICS THAT DEVIATE FROM THOSE LISTED SHALL BE IDENTIFIED BY THE CONTRACTOR, SUBMITTED TO THE ENGINEER FOR APPROVAL AND COORDINATED WITH DIVISION 16 (OR DIVISION 26) PRIOR TO INSTALLATION OF EQUIPMENT AS REQUIRED TO PROPERLY SERVE EQUIPMENT.
- DRAWINGS ARE SCHEMATIC IN SOME AREAS AND MAY NOT SHOW OFFSETS WHICH MAY BE REQUIRED. PROVIDE OFFSETS AS REQUIRED AT NO ADDITIONAL COST.
- REFER TO PIPING DIAGRAMS AND DETAILS FOR REQUIRED FITTINGS, VALVES, ETC. FLOOR PLANS AND SECTIONS INDICATE EQUIPMENT LOCATIONS AND GENERAL PIPE ROUTING ONLY.
- DUCTS AND PIPES INDICATED WITHOUT DIMENSIONS SHALL BE SIZED PER PRECEDING UPSTREAM DUCT AND PIPE SECTIONS.
- DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSION.
- PROVIDE FABRICATED STEEL MEMBER SUPPORTS AS REQUIRED BY MANUFACTURER'S INSTALLATION INSTRUCTIONS, AS INDICATED ON DRAWINGS, OR IN SPECIFICATIONS FOR INSTALLATION OF EQUIPMENT. REQUIRED STRUCTURAL MEMBERS, BOLTS, AND WELDS SHALL BE IN ACCORDANCE WITH AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL.
- IF REQUIRED FOR INSTALLATION OF PIPES, DUCTS, AND EQUIPMENT, PROVIDE ADDITIONAL STRUCTURAL MEMBERS BETWEEN COLUMNS, JOISTS, AND STRUCTURAL FRAME TO MEET SUPPORT REACTIONS (FORCES, MOMENTS, AND DEFLECTIONS). STRUCTURAL MEMBERS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER.
- DO NOT CORE DRILL OR DRILL THROUGH BEAMS, COLUMNS, AND SHEAR WALLS, UNLESS INDICATED ON STRUCTURAL DRAWINGS OR AS APPROVED BY THE STRUCTURAL ENGINEER.
- ON ALL EXTENDED PLENUMS CONNECTED TO A DISCHARGE OUTLET ON A SUPPLY AIR DEVICE SUCH AS A WATER SOURCE HEAT PUMP, FAN COIL UNIT, FAN POWERED VAV TERMINAL, PROVIDE 1" THICK INTERIOR ACOUSTICAL LINER IN THE FIRST 4 FT. OF LENGTH. NO TAP-INS SHALL OCCUR IN THIS SECTION.
- PROVIDE DUCT LINING FOR THE FOLLOWING DUCTWORK:
 - ALL AIR TRANSFER DUCTS AND CEILING RELIEF GRILLS
 - ALL MIXED AIR AND EXHAUST AIR PLENUMS
 - ALL OUTDOOR AIR DUCTS OR PLENUMS
- PROVIDE A VOLUME DAMPER FOR EACH SUPPLY BRANCH, RETURN BRANCH (DUCTED ONLY), & EXHAUST BRANCH WHERE THREE OR MORE OPENINGS ARE ASSOCIATED WITH THE BRANCH, AND ELSEWHERE AS NOTED ON THE DRAWINGS OR IN SPECIFICATIONS.
- DUCTWORK STATIC PRESSURE AND SEAL CLASS, BASED ON SMACNA STANDARDS.
- REFER TO WASHINGTON STATE NREC COMPLIANCE REQUIREMENTS ON DRAWING SCHEDULE SHEETS FOR ADDITIONAL MECHANICAL PROVISIONS.
- PROVIDE ECONOMIZERS IN ACCORDANCE WITH WSEC (2018).
- SEAL DUCT AND PLENUM IN ACCORDANCE WITH WSEC (2018).
- BALANCE HVAC SYSTEM IN ACCORDANCE WITH WSEC (2018).
- COMMISSION AND COMPLETE MECHANICAL SYSTEMS IN ACCORDANCE WITH WSEC (2018).
- PROVIDE COMPLETION/RECORD DRAWINGS IN ACCORDANCE WITH WSEC (2018).
- INSULATE DUCT AND PLENUM IN ACCORDANCE WITH WSEC (2018).
- INSULATE PIPING IN ACCORDANCE WITH WSEC (2018).
- PROVIDE THERMOSTATIC CONTROLS IN ACCORDANCE WITH WSEC (2018).
- ENSURE SETPOINT OVERLAP RESTRICTION IN ACCORDANCE WITH WSEC (2018).
- PROVIDE THERMOSTATIC SETBACK CAPABILITIES IN ACCORDANCE WITH WSEC (2018).
- EQUIP SHUTOFF DAMPER CONTROLS IN ACCORDANCE WITH WSEC (2018).
- ENSURE VENTILATION IN ACCORDANCE WITH WSEC (2018).
- PROVIDE DEMAND CONTROL VENTILATION IN ACCORDANCE WITH WSEC (2018).
- PROVIDE OCCUPANCY SENSORS IN ACCORDANCE WITH WSEC (2018).
- ENSURE ELECTRIC MOTOR EFFICIENCY IN ACCORDANCE WITH WSEC (2018).
- PROVIDE SINGLE DUCT VARIABLE AIR VOLUME (VAV) SYSTEMS WITH TERMINAL DEVICES IN ACCORDANCE WITH WSEC (2018).
- PROVIDE DUAL DUCT AND MIXING VAV SYSTEMS WITH TERMINAL DEVICES IN ACCORDANCE WITH WSEC (2018).
- ENSURE WORK ACCESS CLEARANCE FOR ALL MECHANICAL ELECTRICAL PANELS IS IN ACCORDANCE TO THE NEC (2018).
- ALL EQUIPMENT, DUCT, AND OTHER ITEMS INSTALLED WITHIN THE RETURN PLENUM MUST BE NONCOMBUSTIBLE, OR SHALL BE LISTED AND LABELED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE TO ASTM E 84 OR UL 723.
- WHERE MULTIPLE AIR-HANDLING SYSTEMS SHARE COMMON SUPPLY OR RETURN AIR DUCTS OR PLENUMS WITH A COMBINED DESIGN CAPACITY GREATER THAN 2,000 CFM (0.9 M3/S), THE RETURN AIR SYSTEM SHALL BE PROVIDED WITH SMOKE DETECTORS IN ACCORDANCE WITH 2018 IMC 606.2.1.

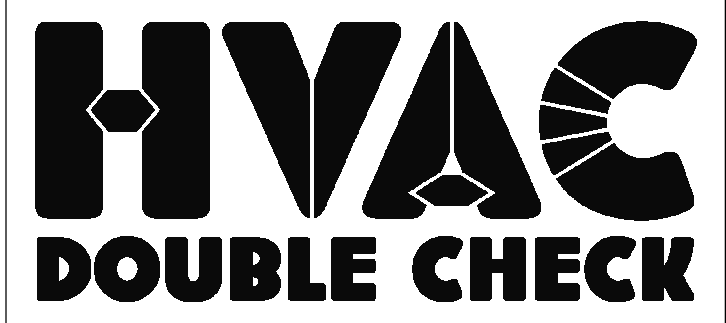
LEGAL DESCRIPTION

PARCEL NUMBER: 0420215017

LEGAL DESCRIPTION: Section 21 Township 20 Range 04 Quarter 13 PARCEL "C" OF DBLR 2002-09-18-5002 DESC AS FOLL L 1 OF S P 97-09-29-0267 TOG/W FOLL BEG AT SE COR OF SD L 1 TH N 27 DEG 09 MIN 43 SEC E 484.53 FT TH S 62 DEG 50 MIN 17 SEC E 45.56 FT TH S 32 DEG 10 MIN 00 SEC W 486.29 FT TO INTER OF NON-TANG C TO R RAD 3870 FT TH NWLY 3.15 FT THRU A CENT ANGLE OF 00 DEG 02 MIN 48 SEC TO POB ALSO TOG/W FOLL DESC PROP BEG AT SE COR OF ABOVE DESC PROP TH N 32 DEG 10 MIN 00 SEC E 486.29 FT TH S 62 DEG 50 MIN 17 SEC E 127.10 FT TH S 27 DEG 09 MIN 43 SEC W 475.43 FT TO INTER OF NON-TANG C TO R RAD 3870 FT TH NWLY 169.77 FT THRU CENT ANGLE OF 02 DEG 30 MIN 49 SEC TO POB EASE OF REC CUT OF S-008 & S-009 SEG 2005-0690 11/02/04CL

SHEET INDEX	
SHEET NUMBER	DESCRIPTION
M001	SCHEDULES AND GENERAL NOTES
M202	LEVEL 1 FLOOR PLAN - NEW

PRCTI20230973



Pre-thinking Mechanical System Design

HVAC Double Check, LLC
 Spokane, WA 99201
 www.hvacdoublecheck.com
 info@hvacdoublecheck.com
 (206) 249-6154



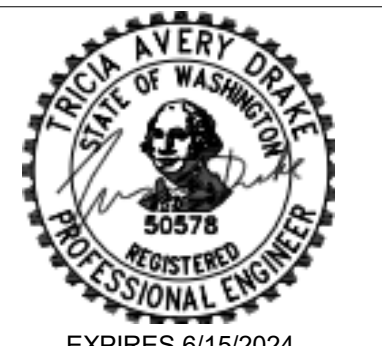
CITC South Puyallup Leasing Tenant Improvements

402 Valley Ave NW, Puyallup, WA 98371
 Suites 101 - 104

ISSUED FOR PERMIT/CONSTRUCTION

No.	Description	Date
1	PERMIT SET	6/28/2023

PERMIT SET

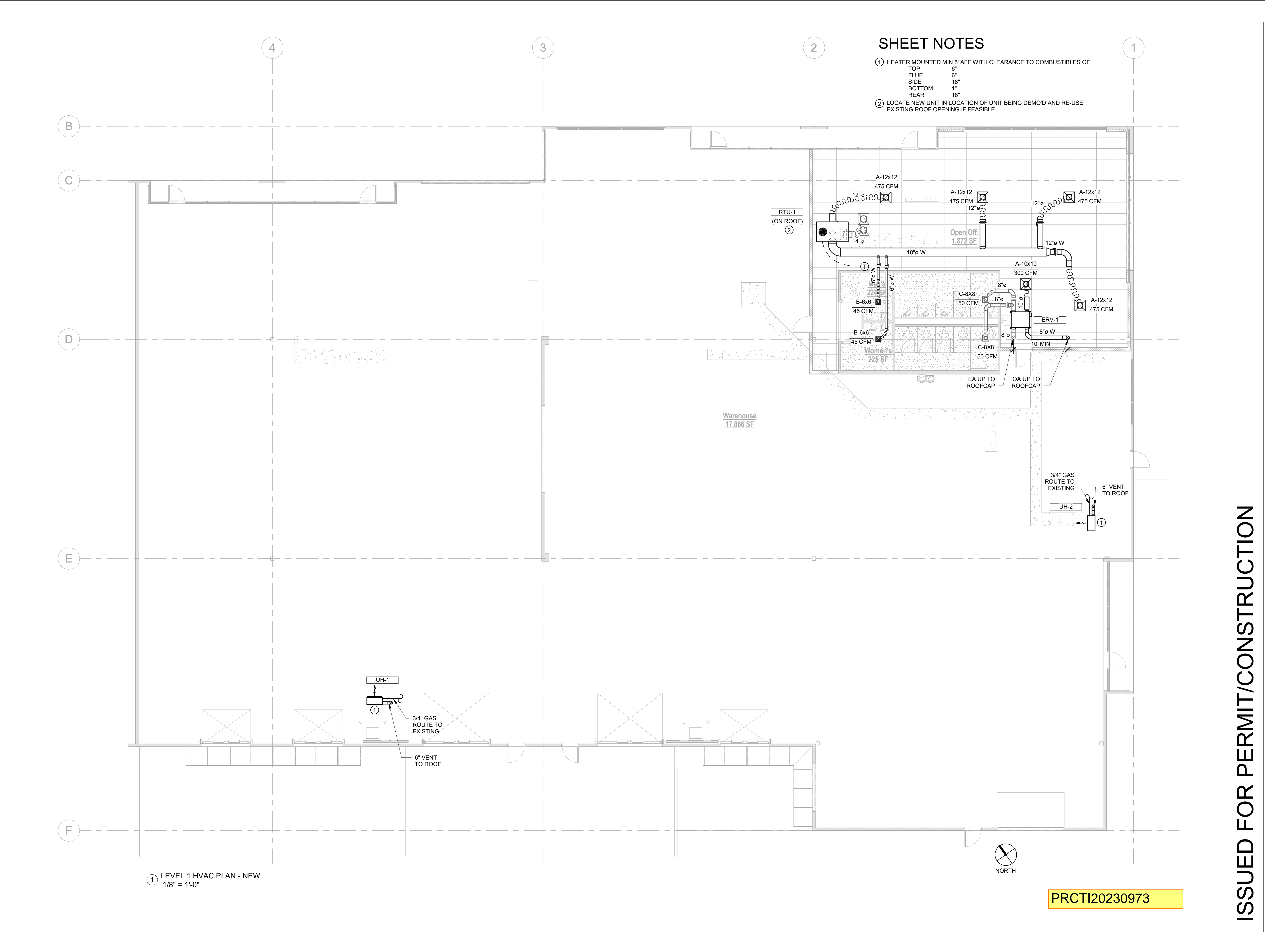


MECHANICAL SCHEDULES AND GENERAL NOTES

Project number: 2023022
 Date: 6/28/2023
 Drawn by: T DRAKE
 Checked by: T DRAKE

M001

Scale: As indicated

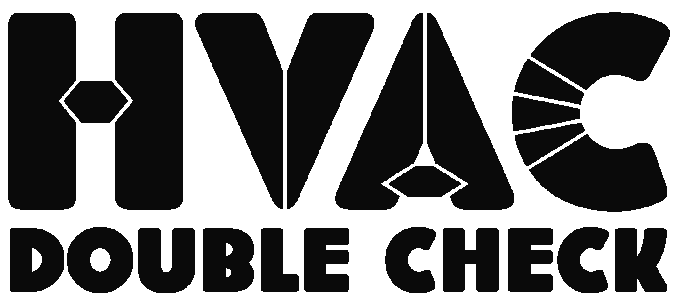


SHEET NOTES

- ① HEATER MOUNTED MIN 5' AFF WITH CLEARANCE TO COMBUSTIBLES OF:
 TOP 6"
 FLUE 6"
 SIDE 18"
 BOTTOM 1"
 REAR 18"
- ② LOCATE NEW UNIT IN LOCATION OF UNIT BEING DEMO'D AND RE-USE EXISTING ROOF OPENING IF FEASIBLE

① LEVEL 1 HVAC PLAN - NEW
 1/8" = 1'-0"

PRCTI20230973



Pre-thinking Mechanical System Design

HVAC Double Check, LLC
 Spokane, WA 99201
 www.hvaccdoublecheck.com
 info@hvaccdoublecheck.com
 (206) 249-6154



CITC South Puyallup Leasing Tenant Improvements

402 Valley Ave NW,
 Puyallup, WA 98371
 Suites 101 - 104

ISSUED FOR PERMIT/CONSTRUCTION

No.	Description	Date
1	PERMIT SET	6/28/2023

PERMIT SET



EXPIRES 6/15/2024

MECHANICAL
 LEVEL 1 FLOOR PLAN - NEW

Project number	2023022
Date	6/28/2023
Drawn by	T DRAKE
Checked by	T DRAKE

M202

Scale 1/8" = 1'-0"

GENERAL NOTES

- ALL WORK PERFORMED SHALL BE DONE IN STRICT ACCORDANCE TO ALL APPLICABLE MECHANICAL, BUILDING, ENERGY, FUEL GAS, AND LOCAL CODES, WITH AMENDMENTS.
- WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
- COORDINATE MECHANICAL WORK WITH ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL AND LANDSCAPE WORK SHOWN ON OTHER CONTRACT DOCUMENTS. PROVIDE ADDITIONAL OFFSETS FOR COORDINATED INSTALLATION WHERE REQUIRED.
- COORDINATE HVAC, PLUMBING, AND FIRE PROTECTION WORK PRIOR TO INSTALLATION. DUCTWORK AND EQUIPMENT ACCESS TAKES PRECEDENCE OVER ALL PIPING EXCEPT GRAVITY SYSTEMS FOR AVAILABLE SPACE.
- COORDINATE EQUIPMENT CONNECTIONS WITH MANUFACTURERS' CERTIFIED DRAWINGS. COORDINATE AND PROVIDE DUCT AND PIPING TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE DUCT AND PIPING DIMENSIONS BEFORE FABRICATION.
- CLEAN THE JOB SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSE BY THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT. BEFORE SUBSTANTIAL COMPLETION, CLEAN EQUIPMENT, FIXTURES, EXPOSED DUCTS, PIPING AND SIMILAR ITEMS.
- PROVIDE EQUIPMENT THAT FITS INTO THE SPACE ALLOTTED AND ALLOWS ADEQUATE ACCEPTABLE CLEARANCE FOR INSTALLATION, REPLACEMENT, SERVICING, AND MAINTENANCE. COORDINATE WITH OTHER TRADES TO ENSURE NO CONFLICT WITH REQUIRED CLEARANCES.
- CONTRACTOR SHALL OBTAIN & PAY FOR ALL PERMITS AND CONSTRUCTION FEES. FURNISH FINAL CERTIFICATE TO OWNER SHOWING COMPLIANCE WITH CODE REQUIREMENTS.
- REFER TO TYPICAL DETAILS PROVIDED IN THIS DRAWING SET FOR DUCTWORK, PIPING, AND EQUIPMENT INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR CONFORMANCE WITH DETAILS.
- A SHORT DASH IN A SCHEDULE TABLE CELL INDICATES THAT THE COLUMN HEADING IS NOT USED OR NOT APPLICABLE TO THAT SCHEDULED ITEM.
- ALL PIPING & DUCTWORK IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD LID CEILING. COORDINATE WITH ARCHITECTURAL DOCUMENTS FOR FURRING & CHASE LOCATIONS & SIZES.
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 70 STANDARDS AND LOCAL REQUIREMENTS.
- ALL FIELD WIRING SHALL REQUIRE AN ELECTRICAL PERMIT AND SHALL BE PERFORMED BY A LICENSED ELECTRICIAN.
- PROVIDE 4" MINIMUM CONCRETE BASES (HOUSEKEEPING PADS) UNDER FLOOR MOUNTED MECHANICAL EQUIPMENT. THIS INCLUDES, BUT IS NOT LIMITED TO BOILERS, CHILLERS, FLUID COOLERS, COOLING TOWERS, PUMPS, EXPANSION TANKS, WATER HEATERS, AND STORAGE TANKS. COMPLY WITH REQUIREMENTS FOR EQUIPMENT BASES AND FOUNDATIONS SPECIFIED IN DIVISION 03.
- LOCATE VALVES, WATER HAMMER ARRESTERS, CLEANOUTS, DAMPERS, CONTROLS AND SIMILAR COMPONENTS SO THAT THEY ARE ACCESSIBLE. PROVIDE ACCESS DOORS FOR MECHANICAL EQUIPMENT INSTALLED BEHIND WALLS, ABOVE INACCESSIBLE CEILINGS AND BELOW FLOORS. COORDINATE ACCESS DOOR LOCATIONS WITH ARCHITECT/ENGINEER.
- ACCESS PANELS SHALL BE 16 GA. STEEL, FLUSH TYPE ACCESS DOOR WITH CONCEALED HINGE AND SLOT SCREWDRIVER TYPE CAM LATCH. PROVIDE FACTORY PRIMED IN PAINTED SURFACE AREAS FOR FIELD PAINTING. PROVIDE STAINLESS STEEL FOR ALL OTHER AREAS. PROVIDE UL LISTED AND LABELED DOOR WHERE FIRE RESISTANCE RATING IS INDICATED ON DRAWINGS. ACCESS DOOR SHALL BE SIZED SO THAT ADJACENT EQUIPMENT IS ACCESSIBLE. PROVIDE ACUDOR, ELMODOR, MILCOR, OR APPROVED.
- INSTALL TAG ON CEILING GRID FRAME TO INDICATE LOCATION AND TYPE OF EQUIPMENT THAT REQUIRES MAINTENANCE.

PLUMBING:

- DOMESTIC WATER TUBE, PIPE, FITTINGS, JOINING MATERIALS, SPECIAL TIES, PLUMBING EQUIPMENT, PLUMBING FIXTURES, PLUMBING FITTINGS AND ALL OTHER APPURTENANCES IN CONTACT WITH DRINKING WATER SHALL BE LEAD-FREE EXCEPT THOSE EXPLICITLY EXEMPTED IN SECTION 3074 OF THE SAFE WATER DRINKING ACT. LEAD-FREE SHALL MEAN (A) NOT CONTAINING MORE THAN 0.25 PERCENT LEAD WHEN USED WITH RESPECT TO SOLDER AND FLUX, AND (B) NOT MORE THAN A WEIGHTED AVERAGE OF 0.25 PERCENT LEAD WHEN USED WITH RESPECT TO WETTED SURFACES OF DOMESTIC WATER TUBE, PIPE, FITTINGS, JOINING MATERIALS, SPECIAL TIES, PLUMBING EQUIPMENT, PLUMBING FIXTURES, AND PLUMBING FITTINGS.
- PROVIDE WATER HAMMER ARRESTORS IN DOMESTIC WATER PIPING IN ACCORDANCE WITH PDH/WH201.
- INSULATE HOT AND COLD WATER PER WASHINGTON STATE ENERGY CODE C403.10.3.
- DISCHARGE TEMPERATURE OF PUBLIC LAVATORIES SHALL BE 104 DEGREES FAHRENHEIT.
- VALVES, EXPANSION FITTINGS/LOOPS, AND PIPING SPECIALTIES SHALL BE FULL SIZE OF PIPE UNLESS NOTED OTHERWISE.

NON-STRUCTURAL MECHANICAL COMPONENTS:

- HANGERS AND SEISMIC BRACING FOR THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND PROVIDED BY THE MECHANICAL CONTRACTOR. REFER TO CONTRACTOR SHOP DRAWINGS FOR LOCATIONS OF EQUIPMENT AND HUNG MECHANICAL SYSTEMS. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE SUPPORT SYSTEMS AND DESIGN LOADS FOR HUNG MECHANICAL SYSTEMS WITH THE GENERAL CONTRACTOR AND OTHER TRADES THAT MAY BE IMPACTED.

APPLICABLE CODES

AS ADOPTED BY THE CITY OF PUYALLUP, WA
 INTERNATIONAL MECHANICAL CODE, IMC 2018
 INTERNATIONAL BUILDING CODE, IBC 2018
 WASHINGTON STATE ENERGY CODE, WSEC 2018
 INTERNATIONAL FUEL GAS CODE, IFGC 2018
 UNIFORM PLUMBING CODE, UPC 2018
 AND ASSOCIATED WASHINGTON ADMINISTRATIVE CODE AMENDMENTS

DESIGN CONDITIONS

WATER PRESSURE
50 PSI

SCOPE OF WORK

- INSTALL NEW SINK IN COFFEE BAR. CONNECT TO EXISTING UTILITIES.
- INSTALL NEW LAVS AND DRINKING FOUNTAIN. CONNECT TO EXISTING UTILITIES.

ABBREVIATIONS

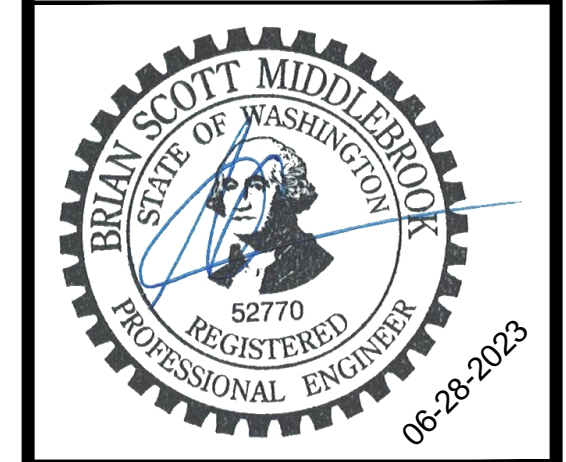
(E)	EXISTING
AABC	AMERICAN AIR BALANCE COUNCIL
AABF	ABOVE FINISHED FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AG	AIR GAP
AGA	AMERICAN GAS ASSOCIATION
AHRI	AIR CONDITIONING, HEATING, & REFRIGERATION INSTITUTE
AMP	AMPERAGE
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AW	ACID WASTE
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
CB	CATCH BASIN
CFH	CUBIC FEET PER HOUR
CI	CAST IRON
CO	CLEANOUT
CONFIG	CONFIGURATION
CSA	CANADIAN STANDARDS ASSOCIATION
CW	COLD WATER
DB	DRY BULB
DC	DOUBLE CHECK
DDC	DIRECT DIGITAL CONTROLS
DF	DEGREES FAHRENHEIT
DFU	DRAINAGE FIXTURE UNIT
DIA	DIAMETER
DN	DOWN
DX	DIRECT EXPANSION
EFF	EFFICIENCY
ESP	EXTERNAL, STATIC PRESSURE
ETC	ET CETERA
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FM	FACTORY MANUAL
PPM	FEET PER MINUTE
FS	FLOOR SINK
FT	FEET
GA	GAUGE
GAL	GALLON
GPF	GALLONS PER FLUSH
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBS
HP	HORSEPOWER
HR	HOUR
HW	HOT WATER
HWC	HOT WATER CIRCULATING
IBC	INTERNATIONAL BUILDING CODE
IFGC	INTERNATIONAL FUEL GAS CODE
IMC	INTERNATIONAL MECHANICAL CODE
IN	INCH
IPS	IRON PIPE SIZE
LAT	LATERAL
LB/LBS#	POUND/ POUNDS
LF	LINEAR FEET
LVL	LEVEL
MAX	MAXIMUM
MBH	MILLIONS OF BRITISH THERMAL UNITS PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MAXIMUM CIRCUIT AMPACITY
MERV	MINIMUM EFFICIENCY REPORTING VALUE
MFG/MFR	MANUFACTURER
MIN	MINIMUM
MOCPI/MOP	MAXIMUM OVER CURRENT PROTECTION
MSS	MANUFACTURERS' STANDARDIZATION SOCIETY
NEBB	NATIONAL ENVIRONMENTAL BALANCING BUREAU
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
OC	ON CENTER
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NUMBER
NOM	NOMINAL
NPCW	NON-POTABLE COLD WATER
NPHW	NON-POTABLE HOT WATER
NPHWC	NON-POTABLE HOT WATER CIRC
NTS	NOT TO SCALE
PH	PHASE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH, GAUGE
PVC	POLYVINYL CHLORIDE
RP	REDUCED PRESSURE
RPM	REVOLUTIONS PER MINUTE
SD	STORM DRAIN
SF	SQUARE FEET
SPEC	SPECIFICATION
STM	STEAM
THRD	THREADED
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UPC	UNIFORM PLUMBING CODE
V	VENT VOLT
VOLT	VOLTAGE
VRF	VARIABLE REFRIGERANT FLOW
VTR	VENT TO ROOF
VAV	VARIABLE AIR VOLUME
VERT	VERTICAL
W	WITH
W	WASTE
W.C.	WATER COLUMN
WCO	WALL CLEANOUT
WIN	WINTER
WSEC	WASHINGTON STATE ENERGY CODE
WSFU	WATER SUPPLY FIXTURE UNITS

MECHANICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EQUIPMENT ABBREVIATION AND NUMBER (TAG)		BRANCH-BOTTOM CONNECTION
	AIR TERMINAL TYPE, SIZE, AND CFM		CAP
	DETAIL NUMBER		PIPE ANCHOR
	DRAWING NUMBER WHERE DRAWN		PIPE GUIDE
	DOMESTIC COLD WATER (CW)		FLEXIBLE CONNECTION (PIPE)
	DOMESTIC HOT WATER (HW)		REDUCER
	DOMESTIC HOT WATER CIRCULATING (HWC)		SUCTION DIFFUSER
	SOIL, WASTE (S, W)		FLOOR DRAIN
	VENT (V), OR HIDDEN BELOW WASTE		FLOOR FUNNEL DRAIN
	EXISTING PIPING		FLOOR SINK
	DRAIN VALVE		TRAP PRIMER WITH ACCESS PANEL
	WALL HYDRANT		DRAIN
	CROSSING LINES, NON CONNECTING		TEMPERATURE INDICATOR
	PIPE CONTINUATION		TEMPERATURE ELEMENT
	FLOW DIRECTION		FLOW INDICATOR
	PUMP		FLOW ELEMENT
	WASTE/ VENT UP, SURFACE/ FLOOR CLEANOUT (SCO/FCO)		FLOW SWITCH
	WALL CLEANOUT		CONDUCTIVITY SENSOR
	CLEANOUT (CO)		PRESSURE INDICATOR
	P-TRAP		PRESSURE ELEMENT
	PIPE DOWN		DIFFERENTIAL PRESSURE ELEMENT
	PIPE UP		HUMIDISTAT (HSTAT)
	BRANCH-TOP CONNECTION		HUMIDITY ELEMENT
			LOW WATER CUT OFF SWITCH

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4. REV.2	03-04-2022
5. BP CORRECTION	03-28-2022
6.	

DESIGNED	CSUSA SG / BSM
CHECKED	CSUSA SG
DATE	6-6-2023
JOB NUMBER	2023-031
SHEET SIZE	ARCH E1: 42" x 30"
SHEET TITLE	LEGEND, ABBREVIATIONS, AND GENERAL NOTES
SHEET NUMBER	PP001

PRCTI20230973

GENERAL NOTES

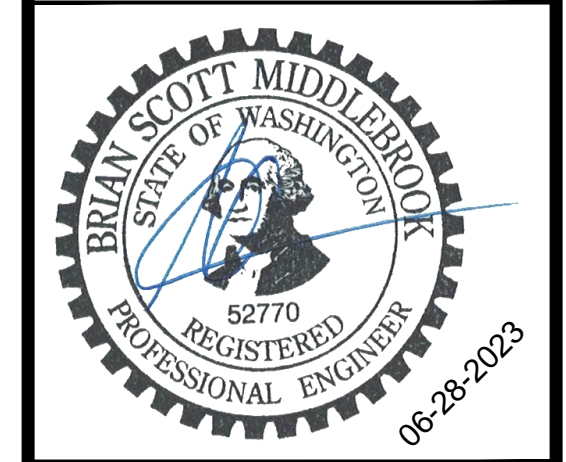
1. PIPING IS SCHEMATIC IN NATURE. CONTRACTOR TO PROVIDE ADDITIONAL FITTINGS AND OFFSETS AS REQUIRED TO INSTALL A COMPLETE AND FUNCTIONING SYSTEM.
2. THIS DRAWING WAS CREATED FROM AS BUILT DOCUMENTATION AND FIELD NOTES AND MAY NOT REPRESENT ACTUAL AS BUILT CONDITIONS. CONTRACTOR TO VERIFY SCOPE PRIOR TO COMMENCING WORK.
3. WASTE PIPING 4" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT. WASTE PIPING 3" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT.
4. LINES AND EQUIPMENT SHOWN DARK IS NEW WORK. LINES AND EQUIPMENT SHOWN LIGHT IS EXISTING TO REMAIN.
5. PLANS ASSUME ELEVATION OF FLOOR IS SET AT 0 FEET. COORDINATE FINAL ELEVATIONS WITH STRUCTURAL AND CIVIL PLANS.

PLAN NOTES

- ① SEGMENT OF WASTE EXISTS ON FIRST FLOOR IN WET WALL.
- ② TIE INTO EXISTING SEWER IN THIS AREA.

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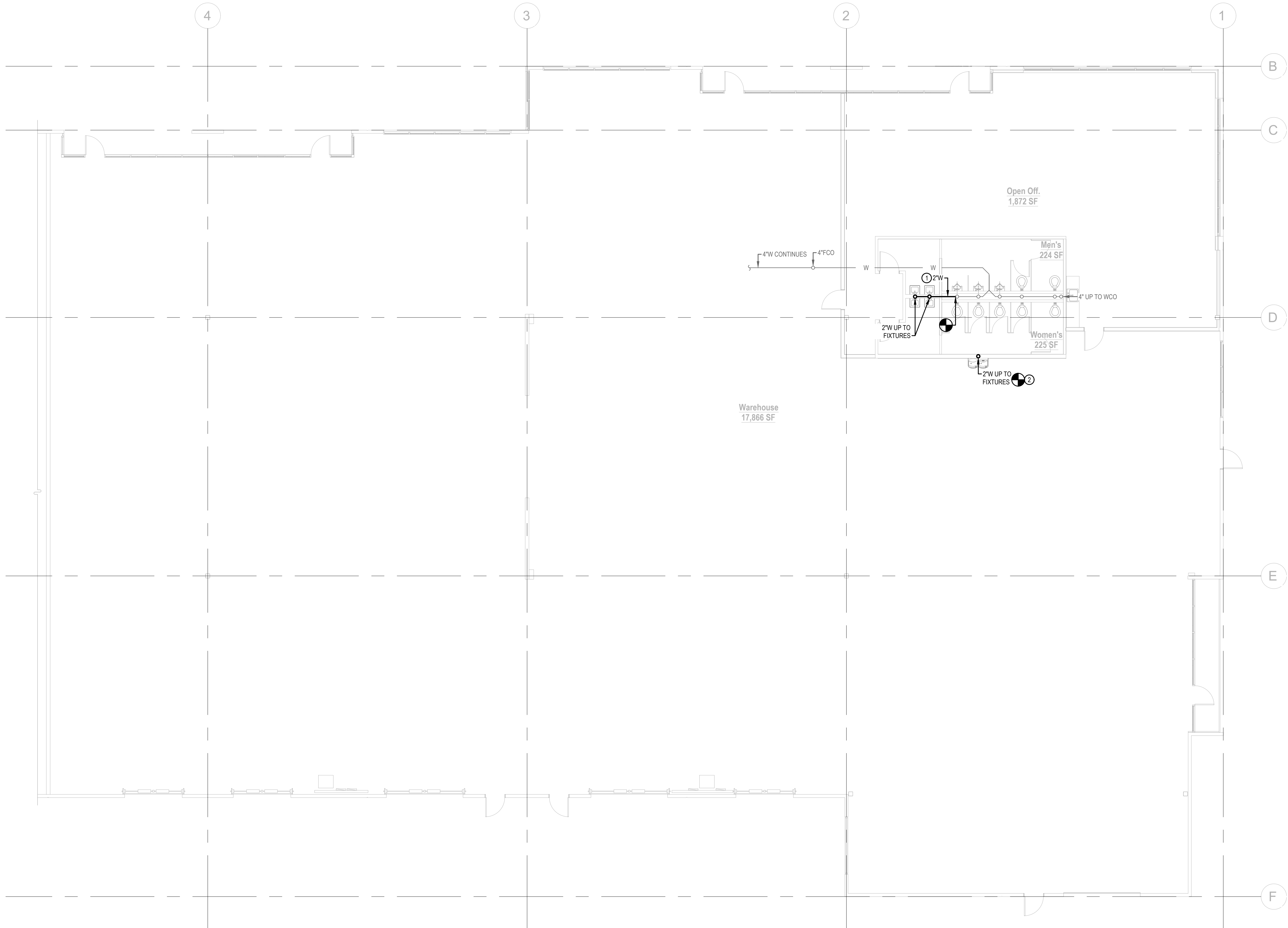
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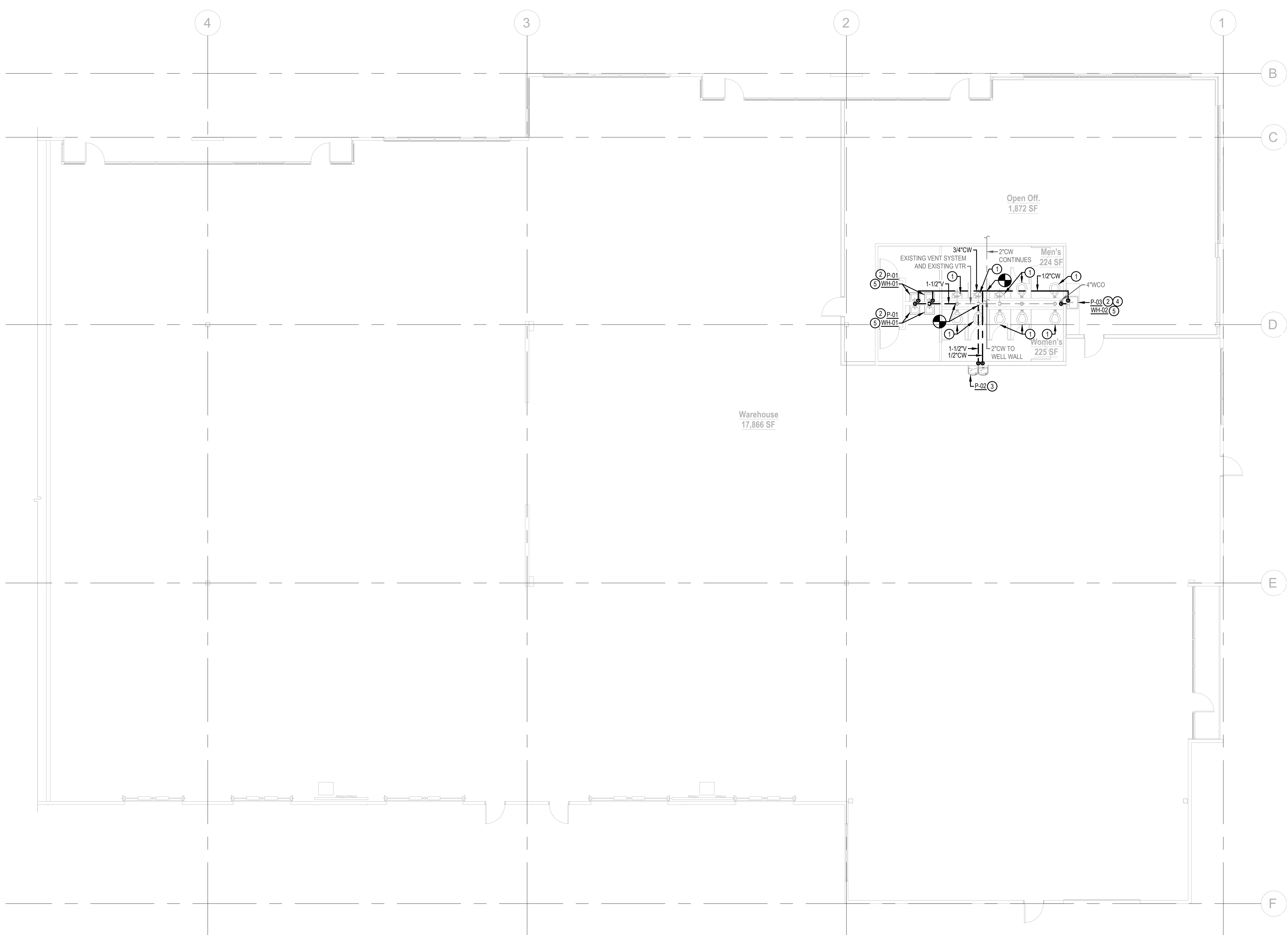
DESIGNED	CSUSA SG / BSM
CHECKED	CSUSA SG
DATE	6-6-2023
JOB NUMBER	2023-031
SHEET SIZE	ARCH E1: 42" x 30"
SHEET TITLE	FOUNDATION PLAN
SHEET NUMBER	PP101



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

8 9 10 11
PP501 PP501 PP501 PP501

PRCTI20230973



PLUMBING FLOOR PLAN
SCALE: 1/8" = 1'-0"

- 1
PP501
- 2
PP501
- 3
PP501
- 4
PP501
- 5
PP501
- 6
PP501
- 7
PP501
- 8
PP501
- 9
PP501
- 10
PP501
- 11
PP501

GENERAL NOTES

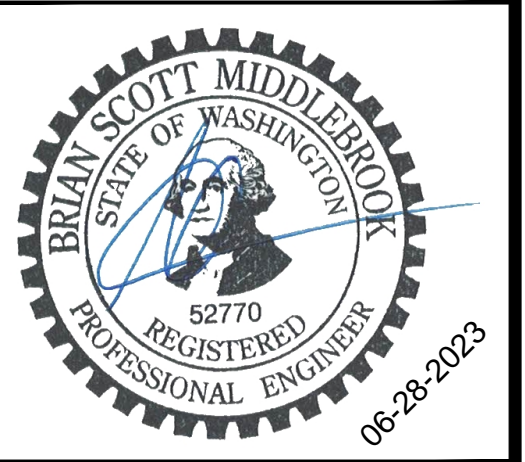
1. PIPING IS SCHEMATIC IN NATURE. CONTRACTOR TO PROVIDE ADDITIONAL FITTINGS AND OFFSETS AS REQUIRED TO INSTALL A COMPLETE AND FUNCTIONING SYSTEM.
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4. LINES AND EQUIPMENT SHOWN DARK IS NEW WORK. LINES AND EQUIPMENT SHOWN LIGHT IS EXISTING TO REMAIN.
5. PLANS ASSUME ELEVATION OF FLOOR IS SET AT 0 FEET. COORDINATE FINAL ELEVATIONS WITH STRUCTURAL AND CIVIL PLANS.

PLAN NOTES

- ⓪ EXISTING PLUMBING FIXTURE TO REMAIN.
- ① 1/2" CW, 1/2" HW, 2" W, 1-1/2" V
- ② 1/2" CW, 2" W, 1-1/2" V
- ③ TIE IN NEW SINK TO EXISTING 4" IN PLUMBING WET WALL. TIE IN VENT TO EXISTING VENT IN WET WALL.
- ④ PROVIDE UNDER COUNTER WATER HEATER FOR EACH SINK.

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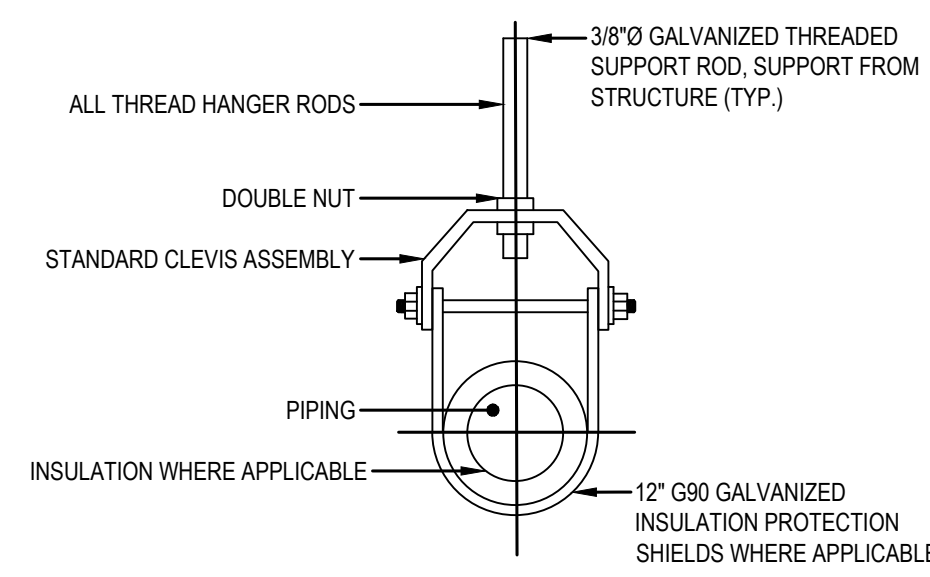
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REVISIONS

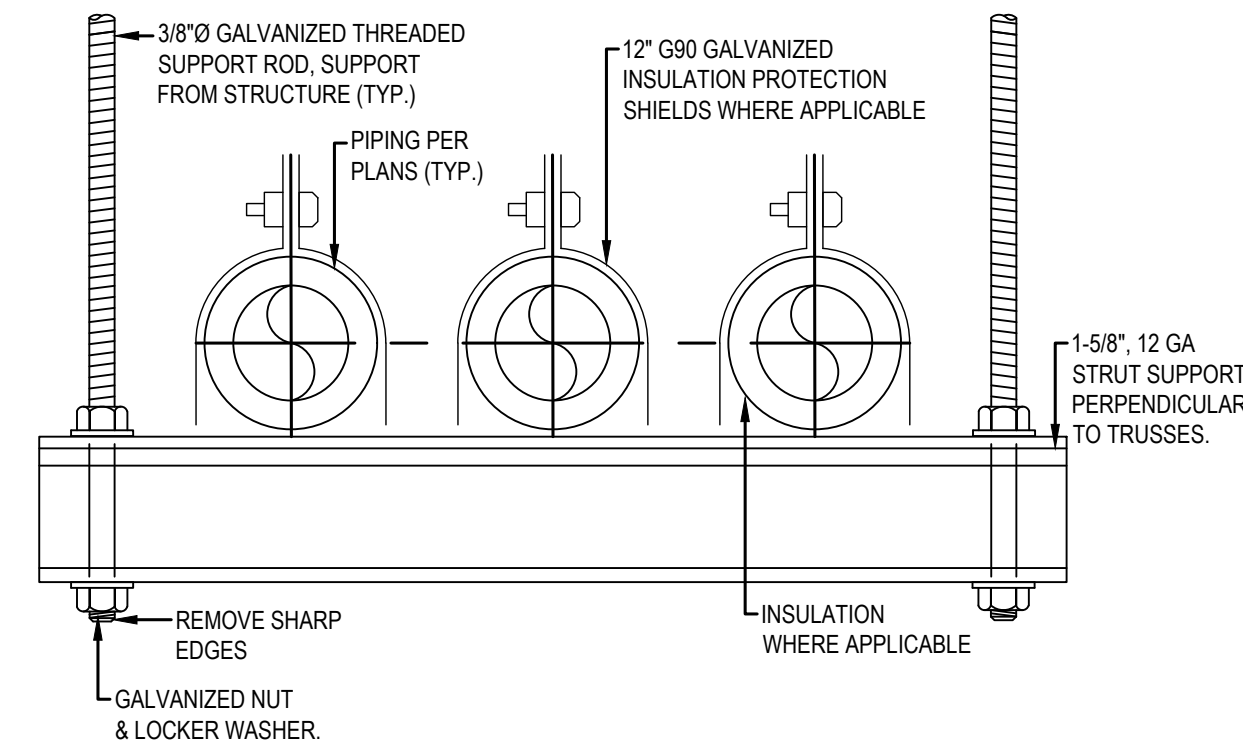
1. FOR PERMIT	01-18-2022
2. FOR REVIEW	02-11-2022
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4. REV.2	03-04-2022
5. BP CORRECTION	03-28-2022
6.	

DESIGNED	CSUSA SG / BSM
CHECKED	CSUSA SG
DATE	6-6-2023
JOB NUMBER	2023-031
SHEET SIZE	ARCH E1: 42" x 30"
SHEET TITLE	PLUMBING PLAN
SHEET NUMBER	PP102

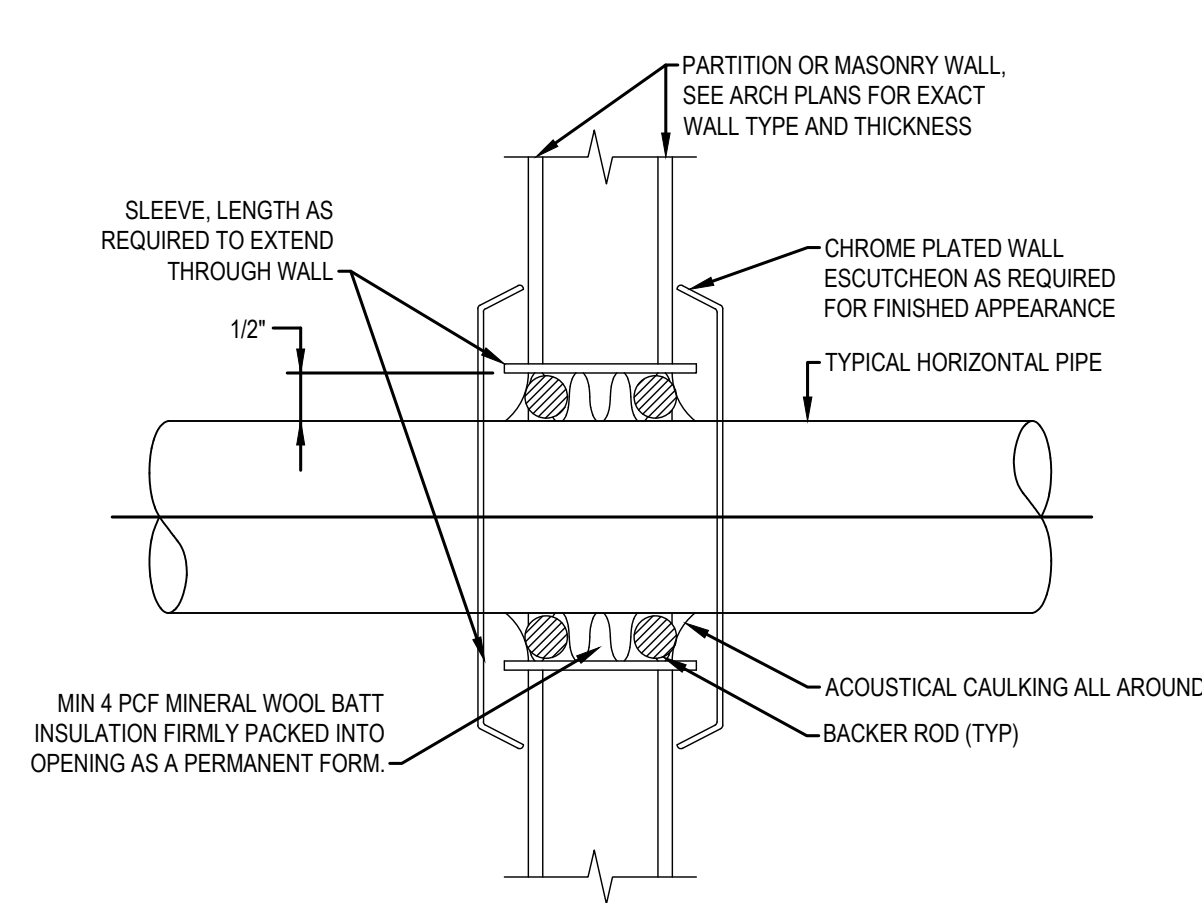
PRCT120230973



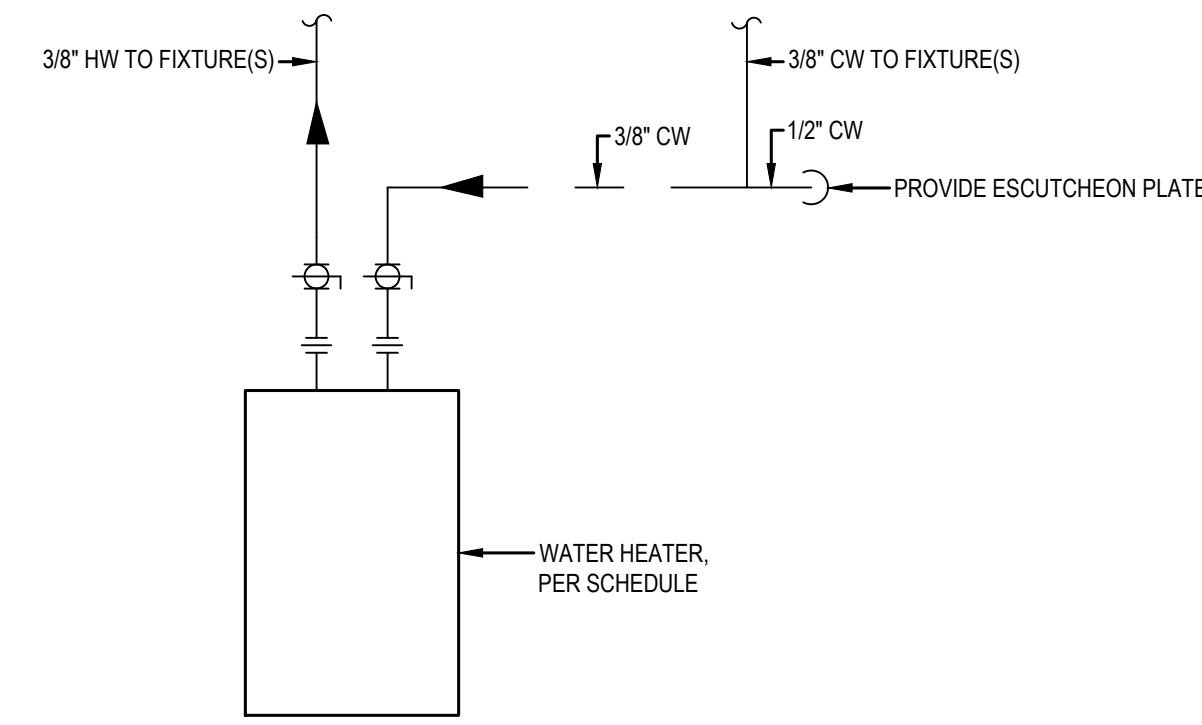
1 PIPE HANGER DETAIL
SCALE: NTS



2 PIPE TRAPEZE DETAIL
SCALE: NTS

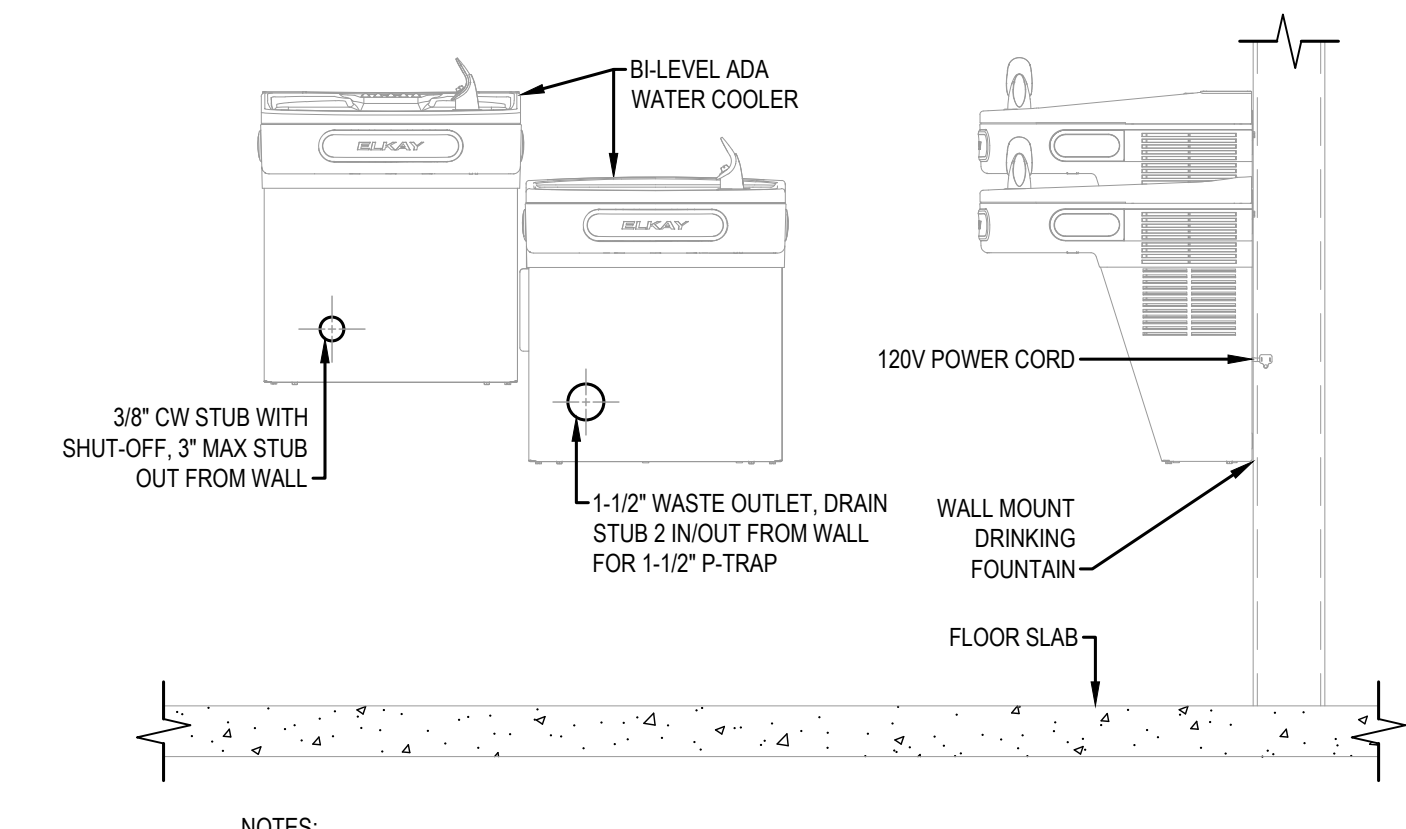


3 PIPE PENETRATION DETAIL
SCALE: NTS



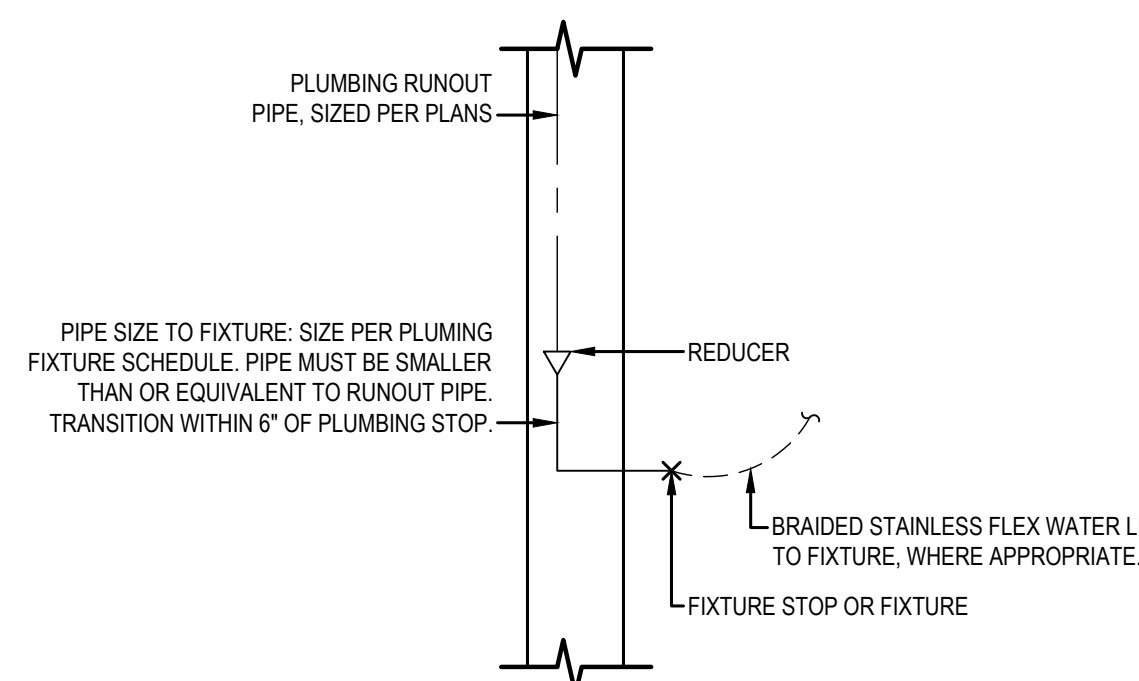
INSTALLATION NOTE:
UNIT SHALL BE MOUNTED UNDER SINK IN THE VERTICAL POSITION AS SHOWN. PROVIDE ADDITIONAL WALL BRACING AS REQUIRED AND COORDINATE UNIT MOUNTING BRACKET LOCATIONS WITH BRACING.

4 INSTANTANEOUS WATER HEATER DETAIL
SCALE: NTS

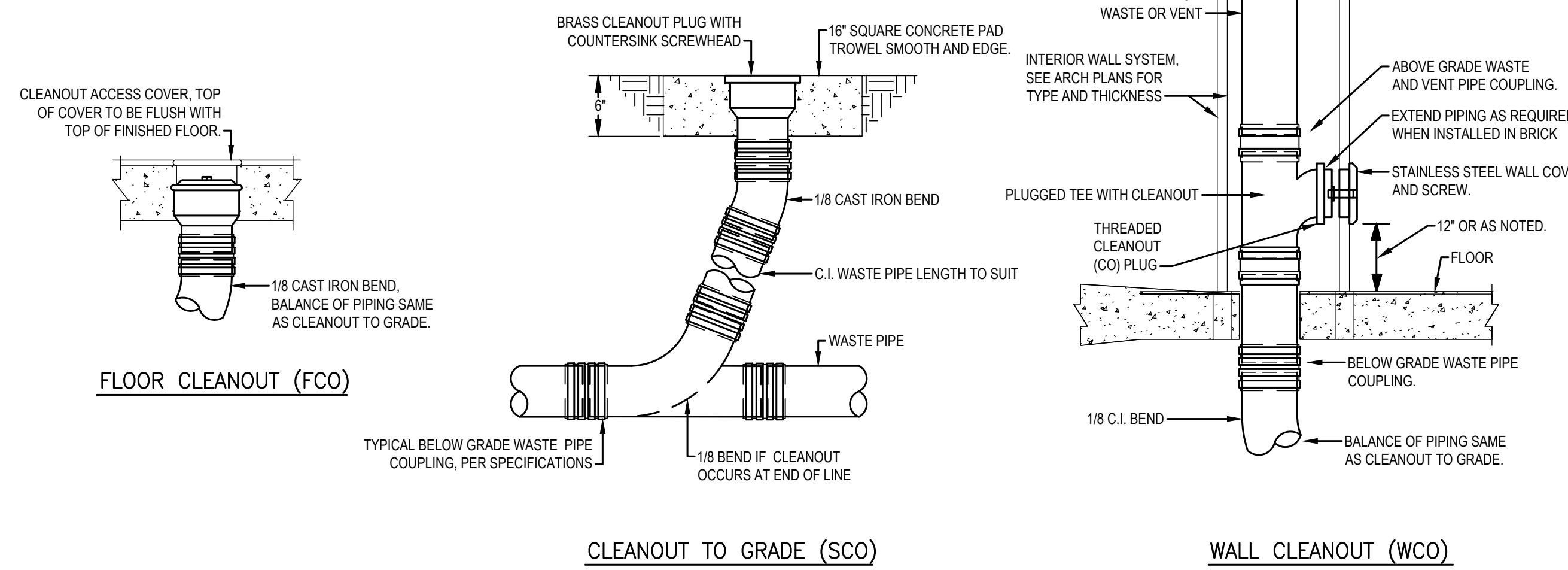


NOTES:
1. BASIS OF DESIGN IS BI-LEVEL ADA COOLER, NON-FILTERED REFRIGERATED, STAINLESS STEEL.
2. SEE PLUMBING FIXTURE SCHEDULE FOR EXACT ELKAY MODEL NUMBERS AND CONFIGURATION.
3. SEE ARCH PLANS AND SPECIFICATION FOR ACCESSIBILITY COMPLIANT FIXTURE MOUNTING HEIGHTS AND OTHER REQUIREMENTS.

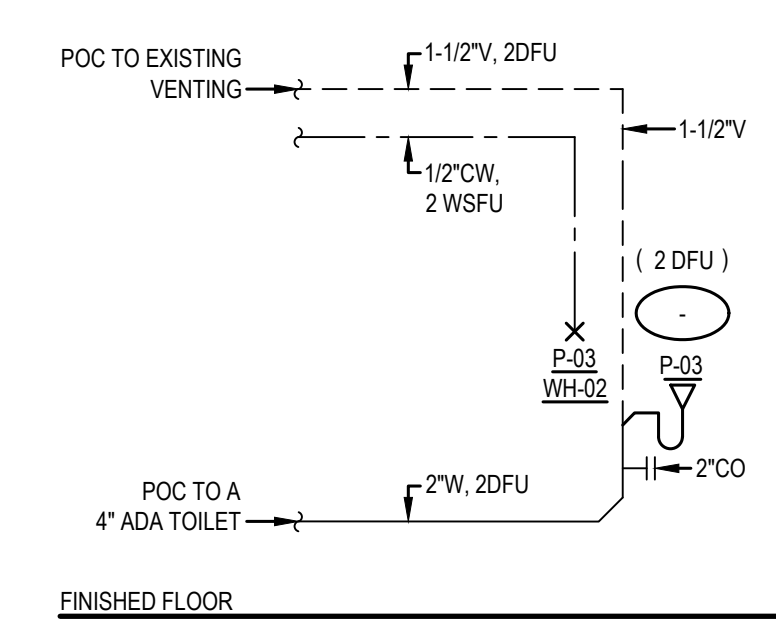
5 DRINKING FOUNTAIN DETAIL
SCALE: NTS



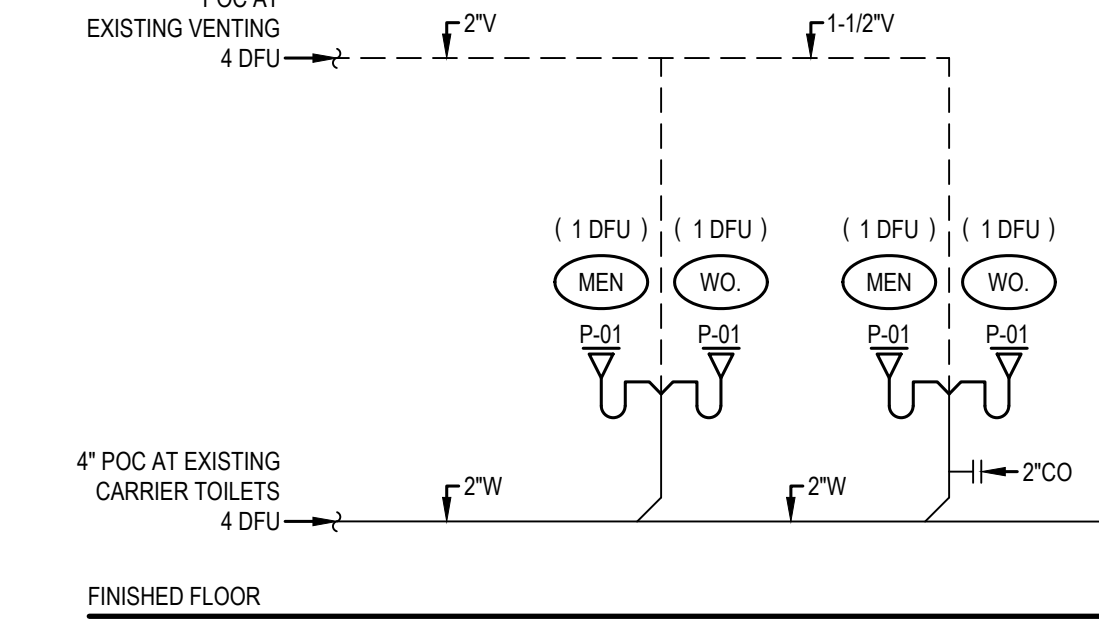
6 PLUMBING PIPE TO FIXTURE STOP DETAIL
SCALE: NTS



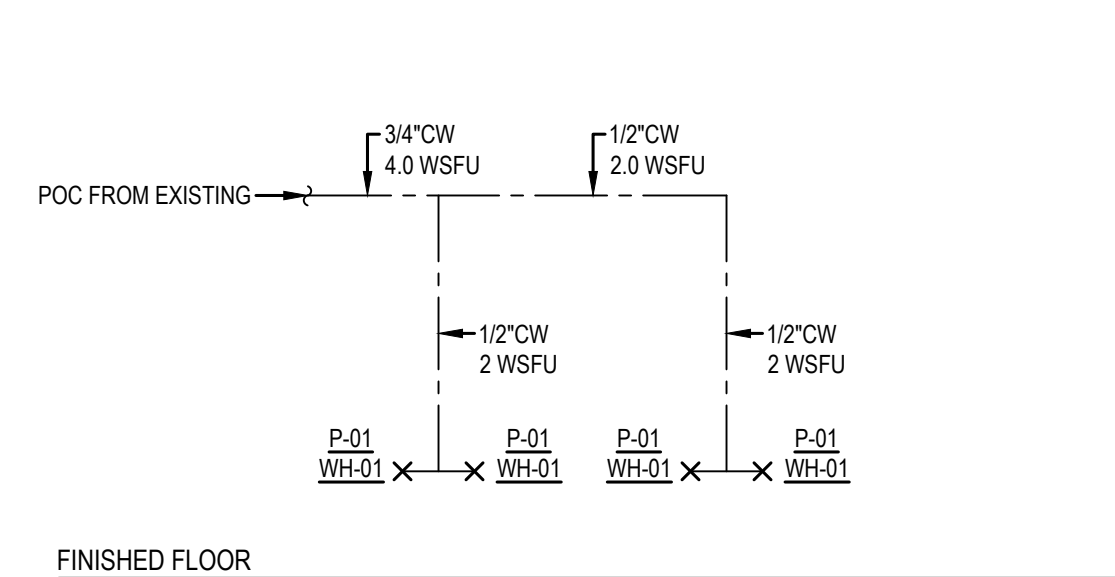
7 CLEANOUT DETAIL
SCALE: NTS



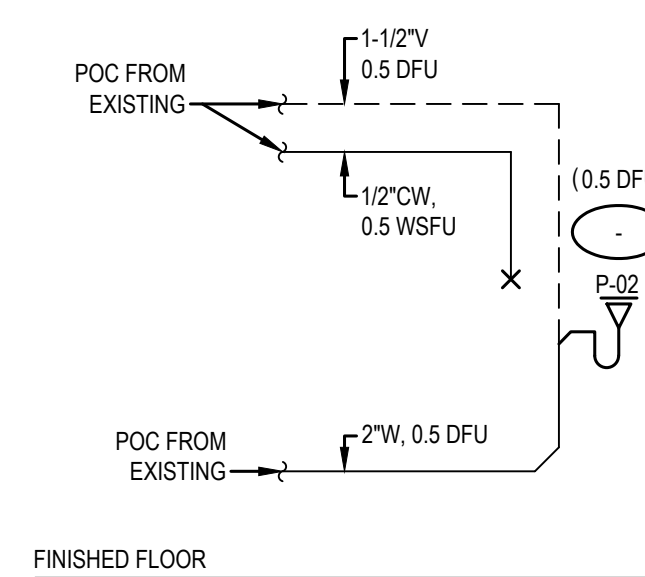
8 COFFEE SINK WASTE AND WATER RISER DIAGRAM
SCALE: NTS



9 LAVATORY SANITARY WASTE AND VENTS RISER DIAGRAM
SCALE: NTS



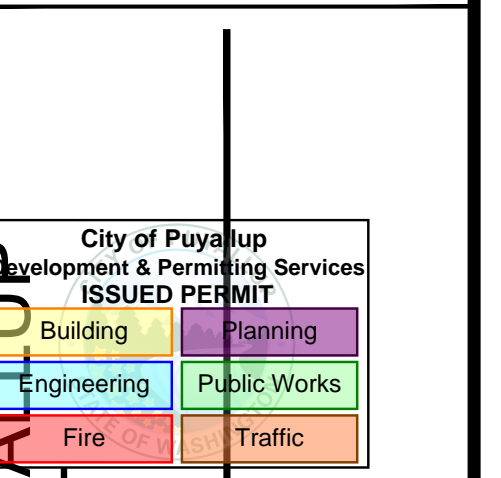
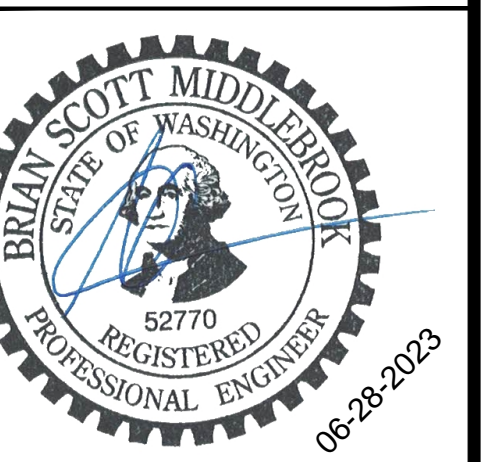
10 LAVATORY DOMESTIC WATER RISER DIAGRAM
SCALE: NTS



11 DRINKING FOUNTAIN WASTE AND WATER RISER DIAGRAM
SCALE: NTS

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6.	

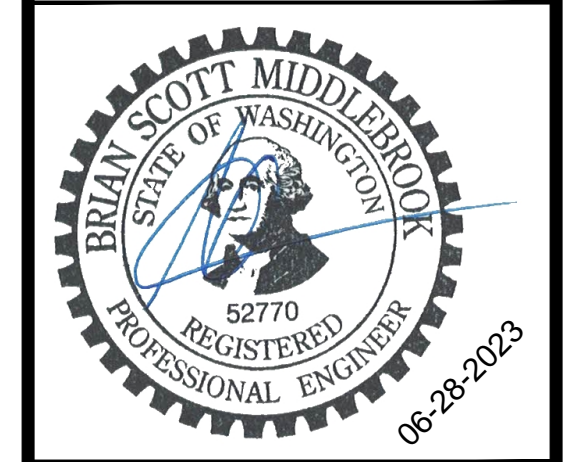
DESIGNED	CSUSA SG / BSM
CHECKED	CSUSA SG
DATE	6-6-2023
JOB NUMBER	2023-031
SHEET SIZE	ARCH E1: 42" x 30"
SHEET TITLE	DETAILS
SHEET NUMBER	

PRCT120230973

PP501
SHEET OF 9

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5. BP CORRECTION	03-28-2022
6. -	-

DESIGNED CSUSA SG / BSM
CHECKED CSUSA SG
DATE 6-6-2023
JOB NUMBER 2023-031
SHEET SIZE ARCH E1: 42" x 30"
SHEET TITLE SCHEDULES
SHEET NUMBER

PP601
SHEET OF 9

PLUMBING FIXTURE SCHEDULE

UNIT NO	FIXTURE	MOUNTING	MANUFACTURER AND MODEL NUMBERS						W	V	HW	CW	GPF	GPM	NOTES
			LAVATORY:	AMERICAN STANDARD - LUCERNE	FAUCET:	KOHLER-14406-4	TRAP:	DEBORN BRASS - 17GA WIGROUND JOINT							
P-01	LAVATORY	WALL MT	LAVATORY:	AMERICAN STANDARD - LUCERNE	2"	1-1/2"	-	-	-	-	-	-	3		
			FAUCET:	KOHLER-14406-4	-	-	3/8"	3/8"	-	-	0.5	1.4			
			TRAP:	DEBORN BRASS - 17GA WIGROUND JOINT	1-1/2"	-	-	-	-	-	-	-			
P-02	DRINKING FOUNTAIN	WALL	UNIT:	ELKAY - LZSTL8WSSP	2"	1-1/2"	-	3/8"	-	-	-	2			
P-03	SINK	DROP IN	LAVATORY:	ELKAY - LR-2219-PD3	2"	1-1/2"	-	-	-	-	-	3			
			FAUCET:	AMERICAN STANDARD - 7074.300	-	-	3/8"	3/8"	-	-	1.5	1			
			TRAP:	DEBORN BRASS - 17GA WIGROUND JOINT	1-1/2"	-	-	-	-	-	-	-			

GENERAL NOTES:
1. EQUIPMENT MAY BE SUBSTITUTED UPON ENGINEER'S APPROVAL FOR EQUAL OR OTHER MFG/MODEL. REFER TO EQUIPMENT SUBMITTAL FOR FINAL SELECTIONS.
2. TRANSITION PIPE SIZE SHOWN ON PLAN TO STOP OR CONNECTION SIZE SHOWN ON SCHEDULE.
3. IF COLOR/FINISH OPTIONS EXIST FOR FIXTURES, COORDINATE FINAL COLORS/FINISHES WITH ARCHITECT.
NOTES:
1. MAXIMUM DELIVERY TEMPERATURE SHALL BE 104 DEGREES FAHRENHEIT. PROVIDE WITH BELOW DECK MIXING VALVE OPTION.
2. ADA COMPLIANT FIXTURE. COORDINATE FIXTURE HEIGHT WITH ARCHITECT.
3. PROVIDE WITH EBC INSTITUTIONAL INSULATOR KIT.
4. PROVIDE FLOW LIMITER TO LIMIT GPM TO 0.5.

TANKLESS WATER HEATER SCHEDULE

UNIT NO	MFR	MODEL	LOCATION	TANK SIZE (GAL)	INPUT KW (MBH)	EFF	RECOVERY (GPH)	TEMP RISE (F)	ELECTRICAL				DISCON FURN. BY	WEIGHT	NOTES
									AMP	MOCP	VOLT	PH			
WH-01	CHRONOMITE	CMI-15L	RESTROOMS	-	3.12	100	-	44	15	20	208	1	EC	5	1,2
WH-02	CHRONOMITE	CMI-40L	COFFEE BAR	-	8.32	100	-	44	40	50	208	1	EC	5	1,3

NOTES
1. MOUNT UNIT BELOW SINK. LIMIT DISCHARGE TEMPERATURE TO 104 DF.
2. PAIRED WITH 0.5 GPM FIXTURES. PROVIDE ONE UNIT FOR EACH SINK.
3. PAIRED WITH 1.5 GPM FIXTURES.

PRCT120230973

GENERAL CONTRACT REQUIREMENTS

- MECHANICAL, PLUMBING, AND CONTROLS SCOPE SHALL FALL UNDER THE ULTIMATE RESPONSIBILITY OF ONE CONTRACTOR, WHO IS RESPONSIBLE FOR UNDERSTANDING ALL MECHANICAL AND PLUMBING DOCUMENTS, DISTRIBUTING CONTRACT DOCUMENTS TO ALL SUBCONTRACTORS, AND SHALL BE RESPONSIBLE FOR CONTRACT COMPLETION.
- THE DRAWINGS ARE DIAGRAMMATIC. COORDINATE INSTALLATION WITH THE BUILDING, PROVIDE ALL NECESSARY OFFSETS, CHANGES IN DIRECTION, EXTENSIONS AND ASSOCIATED MATERIALS FOR A COMPLETE AND FUNCTIONAL INSTALLATION.
- COORDINATE MECHANICAL WORK WITH ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL, AND LANDSCAPE WORK SHOWN ON OTHER CONTRACT DOCUMENTS. PROVIDE ADDITIONAL PIPE OR DUCT OFFSETS WHERE REQUIRED TO COORDINATE INSTALLATION.
- LOCATIONS AND SIZES OF (FLOOR, WALL, AND ROOF OPENINGS) SHALL BE COORDINATED WITH OTHER TRADES INVOLVED. INCLUDE THE FOLLOWING IN THE COST OF MECHANICAL WORK: CUTTING, CORING, PATCHING AND PAINTING OF EXISTING WALLS, CEILINGS, FLOORS, AND ROOFS AS REQUIRED TO ACCOMMODATE WORK AS INDICATED IN THE MECHANICAL CONTRACT DOCUMENTS UNLESS SPECIFICALLY SHOWN ON ARCHITECTURAL DOCUMENTS.
- MAINTAIN A SET OF PLANS ON SITE. RECORD ALL CHANGES TO ACTUAL ARRANGEMENTS ON THESE PLANS. PROVIDE THIS SET OF PLANS TO THE OWNER'S REPRESENTATIVE WHEN WORK IS COMPLETE.
- ALL WORK PERFORMED SHALL BE DONE IN STRICT ACCORDANCE TO ALL APPLICABLE MECHANICAL, BUILDING, ENERGY, FUEL GAS, AND LOCAL CODES, WITH AMENDMENTS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND CONSTRUCTION FEES. FURNISH FINAL CERTIFICATE TO OWNER SHOWING COMPLIANCE WITH CODE REQUIREMENTS.
- PROJECT SCHEDULING: COMPLY WITH OWNER'S REQUIREMENTS. OPERATION AND MAINTENANCE MANUAL: PROVIDE COMPLETE OPERATIONS AND MAINTENANCE MANUAL IN HARD COVER. PROVIDE OPERATIONS, MAINTENANCE AND PARTS DATA ON ANY ITEM OF EQUIPMENT THAT HAS MOVING PARTS.
- PROVIDE THE FOLLOWING DOCUMENTS PRIOR TO FINAL ACCEPTANCE OF THE PROJECT: FINAL PAYMENT OF THE CONTRACT WILL BE CONTINGENT UPON RECEIVING THESE DOCUMENTS:
 - RECORD (AS-BUILT) DRAWINGS.
 - MAINTENANCE AND OPERATING INSTRUCTIONS (3 SETS).
 - EXTENDED WARRANTIES (OTHER THAN THE ONE-YEAR).
 - BALANCING LOGS (AIR AND HYDRONIC SYSTEMS) (3 SETS).
 - FINAL CERTIFICATES OF INSPECTION AND CODE COMPLIANCE.
 - COMMISSIONING DOCUMENTATION PER WSEC.
- WARRANTY PROVISIONS: THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT AND SYSTEMS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE. REPAIR OR REPLACE DEFECTIVE MATERIAL, EQUIPMENT, OR POOR WORKMANSHIP, WHICH MAY SHOW ITSELF DURING THIS WARRANTY PERIOD.

DEMOLITION

- COMPLETE ALL DEMOLITION AND REMOVAL OF WORK NECESSARY FOR THE COMPLETION OF THE WORK SHOWN ON THE DRAWINGS. ALL MECHANICAL MATERIALS DESIGNATED FOR REMOVAL SHALL BE REMOVED FROM SITE AND DISPOSED OF LEGALLY. THE CONTRACTOR SHALL COORDINATE FOR ALL RECYCLABLE CONSTRUCTION WASTE GENERATED UNDER THIS CONTRACT TO BE RECYCLED. LOADING AND DISPOSAL AS DESCRIBED HERE SHALL BE AT NO ADDITIONAL EXPENSE TO THE OWNER.
- COMPLY WITH APPLICABLE CODES AND REGULATIONS FOR DEMOLITION OPERATIONS AND SAFETY OF ADJACENT STRUCTURES AND PUBLIC:
 - OBTAIN REQUIRED PERMITS.
 - PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES.
 - CONDUCT OPERATIONS TO MINIMIZE EFFECTS ON AND INTERFERENCE WITH ADJACENT STRUCTURES AND OCCUPANTS.
 - CONDUCT OPERATIONS TO MINIMIZE OBSTRUCTION OF PUBLIC AND PRIVATE ENTRANCES AND EXITS; DO NOT OBSTRUCT REQUIRED EXITS AT ANY TIME; PROTECT PERSONS USING ENTRANCES AND EXITS FROM REMOVAL OPERATIONS.
- DO NOT BEGIN REMOVAL UNTIL RECEIPT OF NOTIFICATION TO PROCEED FROM OWNER. OWNER HAS FIRST RIGHTS OF REFUSAL FOR DEMOLISHED MATERIALS AND EQUIPMENT.
- EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED ON DRAWINGS.
- CONTRACTOR SHALL REMOVE ALL PIPING, DUCTWORK, AND EQUIPMENT INCLUDING ALL ASSOCIATED INSULATION, HANGERS, VALVES, PLENUM WALLS, DAMPERS, WIREMOLD, WIRING, CONTROLS, AND APPURTENANCES ASSOCIATE WITH EACH PIECE OF EQUIPMENT.
- PROTECT EXISTING STRUCTURES AND OTHER ELEMENTS THAT ARE NOT TO BE REMOVED, WHERE EXISTING ITEMS PENETRATE A WALL, CEILING, FLOOR, OR ROOF; CONTRACTOR SHALL PROVIDE INFILL AT (E) PENETRATIONS WITH LIKE MATERIALS. PATCH AND REPAIRS TO MATCH SURROUNDING SURFACES, INCLUDING PAINT.
- CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT OF EXISTING MECHANICAL EQUIPMENT WHERE REQUIRED BY DEMOLITION OR ALTERATION OF EXISTING STRUCTURE DURING CONSTRUCTION. COORDINATE WITH GC AND PROVIDE NECESSARY SUPPORTS AND HANGERS TO MAINTAIN INTEGRITY, SAFETY AND PROPER OPERATION OF EXISTING MECHANICAL SYSTEMS.
- MAINTAIN AND RESTORE (IF INTERRUPTED) ALL CONDUITS & CONDUCTORS, PIPING, & DUCTWORK PASSING THROUGH RENOVATED AREAS AND SERVING UNDISTURBED AREAS.
- REMOVE ALL ABANDONED DUCTWORK, PIPING, CONTROLS, WIRING, ETC., WHERE ACCESSIBLE IN RENOVATED AREAS.
- WHERE CONTROLS ARE DEMOLISHED, REMOVE WIRING BACK TO NEAREST CONTROL PANEL OR JUNCTION BOX. REMOVE ACCESSIBLE CONDUIT, JUNCTION BOXES, ETC.
- CONTRACTOR SHALL PERFORM DEMOLITION IN CAREFUL MANNER SO AS NOT TO DAMAGE OR AFFECT ANY CONSTRUCTION THAT IS TO REMAIN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE ALL COSTS ASSOCIATED WITH NECESSARY DEMOLITION TO ALLOW NEW CONSTRUCTION SHOWN IN CONTRACT DOCUMENTS.

BASIC MATERIALS AND METHODS

- ALL MATERIALS AND EQUIPMENT SHALL BE LISTED OR LABELED BY A RECOGNIZED AGENCY: UL, AIA, FM, CSA, ARI, ETC.
- EQUIPMENT SHALL BE AS INDICATED ON THE DRAWING SCHEDULES. THE DRAWING SCHEDULES ESTABLISH THE LEVEL OF QUALITY. SUBSTITUTIONS WILL BE CONSIDERED, SUBMIT TECHNICAL DATA (PERFORMANCE AND CONSTRUCTION) TO THE OWNER'S REPRESENTATIVE FOR APPROVAL. ALLOW TWO WEEKS FOR TURN-AROUND.
- MECHANICAL SYSTEM PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE PROTECTED IN ACCORDANCE WITH THE BUILDING CODE IN FORCE IN THE AUTHORITY HAVING JURISDICTION FOR THIS PROJECT. THIS INCLUDES PIPING, DUCTWORK, SUPPORTS, CONDUIT, AND ANY OTHER SYSTEM AND APPURTENANCE PROVIDED AS PART OF THE MECHANICAL WORK OF THIS CONTRACT. IN ADDITION, ALL THROUGH-PENETRATION SEALING METHODOLOGIES SHALL BE LISTED IN THE UNDERWRITER'S LABORATORIES' (UL) FIRE RESISTANCE DIRECTORY, ISSUE CURRENT AT TIME OF BID.
- MOTORS SHALL COMPLY WITH THE WSEC.
- ALL MOTORS SHALL BE ELECTRICALLY COMMUTATED UNLESS NOTED ON SCHEDULE.
- ELECTRICAL INSTALLATION SHALL COMPLY WITH THE NEC.
- PROTECT STORED MATERIALS. REPLACE DAMAGED MATERIALS PRIOR TO INSTALLATION.
- PROVIDE WATER-TIGHT SEAL FOR OPENINGS TO THE BUILDING THROUGH WHICH PIPE PASSES.
- PROVIDE AND INSTALL PIPE SUPPORTS IN ACCORDANCE WITH MANUFACTURER'S STANDARDIZATION SOCIETY OF THE VALVE AND FITTING INDUSTRY (MSS) STANDARDS, SPECIFICALLY STANDARD SP-69, PIPE HANGERS AND SUPPORTS - SELECTION AND APPLICATION AND STANDARD SP-68, PIPE HANGERS AND SUPPORTS - MATERIALS, DESIGN AND MANUFACTURE. PROVIDE PIPE SUPPORT SPACING IN ACCORDANCE WITH THE UPC OR IMC.
- TESTING: ALL WORK UNDER THIS CONTRACT SHALL BE THOROUGHLY AND SYSTEMATICALLY TESTED, BOTH DURING CONSTRUCTION AND AFTER COMPLETION. PIPE TESTING SHALL BE EITHER AS SPECIFIED IN THE APPROPRIATE SPECIFICATION SECTION, OR AS SPECIFIED IN THE APPLICABLE PLUMBING OR MECHANICAL CODE. DUCTWORK SHALL BE TESTED AS PART OF THE AIR BALANCING PROCESS. NOTIFY THE OWNER'S REPRESENTATIVE 48-HOURS IN ADVANCE OF ALL TESTS. TESTS SHALL BE MAINTAINED UNTIL APPROVED.
- START-UP, BALANCING AND COMMISSIONING:
 - EQUIPMENT STARTUP SHALL BE PERFORMED BY QUALIFIED PERSONNEL. THE TECHNICAL SPECIFICATION SECTIONS WILL DETAIL OTHER SPECIAL REQUIREMENTS, IF ANY. PROVIDE A STATEMENT OF THE STARTUP TECHNICIAN'S QUALIFICATIONS IF REQUESTED BY THE OWNER'S REPRESENTATIVE OR ELSEWHERE SPECIFIED.

SEISMIC AND VIBRATION REQUIREMENTS

- HANGERS AND SEISMIC BRACING FOR THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND PROVIDED BY THE MECHANICAL CONTRACTOR. REFER TO CONTRACTOR SHOP DRAWINGS FOR LOCATIONS OF EQUIPMENT AND HUNG MECHANICAL SYSTEMS. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE SUPPORT SYSTEMS AND DESIGN LOADS FOR HUNG MECHANICAL SYSTEMS WITH THE GENERAL CONTRACTOR AND OTHER TRADES THAT MAY BE IMPACTED.
 - PROVIDE ALL SEISMIC RESTRAINT REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND THE APPLICABLE CODES.
 - EMPLOY A LICENSED STRUCTURAL ENGINEER, IF NECESSARY, TO ACHIEVE COMPLIANCE.
 - THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION, INC. (SMACNA) SEISMIC RESTRAINT MANUAL GUIDELINES MAY BE USED FOR PIPING AND DUCTWORK. INSURE THE PROPER HAZARD LEVEL IS EMPLOYED FOR THE AREA OF INSTALLATION.
- VIBRATION CRITERIA: PROVIDE VIBRATION ISOLATION IN ACCORDANCE WITH THE AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS (ASHRAE) APPLICATIONS HANDBOOK.

COPPER PIPING

- COPPER PIPING SHALL BE USED FOR DOMESTIC HOT AND COLD WATER.
- MATERIALS FOR ABOVE GROUND COPPER PIPE, FITTINGS AND ACCESSORIES: ASTM B88, TYPE "L".
- PROVIDE LEAD-FREE SOLDER JOINTS FOR PIPING 2" AND SMALLER.
- PROVIDE ROULED GROOVE MECHANICAL JOINTS FOR PIPING 2 1/2" AND LARGER.
- MATERIAL FOR BELOW GROUND COPPER PIPE SHALL BE ASTM B42, HARD DRAWN, TYPE K. FITTINGS SHALL BE ASME B16.16 CAST COPPER ALLOY OR ASME B16.22 WROUGHT COPPER OR BRONZE. JOINTS SHALL BE BRAZED UTILIZING AWS A5.8M/A5.8 BC-1P COPPER SILVER BRAZE.

CROSS-LINKED POLYETHYLENE PIPE

- INTERIOR SERVICE: CONFORM TO ASTM F877, "CROSSLINKED POLYETHYLENE (PEX) PLASTIC HOT- AND COLD- WATER DISTRIBUTION SYSTEMS."

PLASTIC PIPE, DWV & SEWER

- PVC PLASTIC DRAIN, WASTE, AND VENT PIPE AND FITTINGS SHALL BE PER IPMDO INSTALLATION STANDARD (IS) 09-03, "PVC BUILDING DRAIN, WASTE, AND VENT PIPE AND FITTINGS."

PIPING SYSTEM SPECIALTIES

- SPECIALTY PIPE SYSTEMS SHALL BE CONSTRUCTED OF MATERIALS THAT ARE COMPATIBLE WITH THE TYPE OF PIPING MATERIAL AND FLUIDS IN THE SYSTEM. THEY SHALL BE RATED FOR THE TEMPERATURES AND PRESSURES OF THE SYSTEMS IN WHICH THE VALVES ARE INSTALLED.
- PROVIDE DIELECTRIC BREAKS BETWEEN DISSIMILAR METALS.

VALVES

- VALVES SHALL BE CONSTRUCTED OF MATERIALS THAT ARE COMPATIBLE WITH THE TYPE OF PIPING MATERIAL AND FLUIDS IN THE SYSTEM. VALVES SHALL BE RATED FOR THE TEMPERATURES AND PRESSURES OF THE SYSTEMS IN WHICH THE VALVES ARE INSTALLED.
- LOCATE AND ORIENT VALVES TO PERMIT PROPER OPERATION AND ACCESS FOR MAINTENANCE OF PACKING, SEAT, AND DISK. GENERALLY, LOCATE VALVES IN OVERHEAD PIPING IN HORIZONTAL POSITION. PROVIDE A UNION ADJACENT TO ONE END OF EACH THREADED VALVE.

PIPE TESTING

- DOMESTIC PLUMBING PIPING SHALL BE TESTED AT A PRESSURE NOT LESS THAN THE DESIGN PRESSURE FOR A PERIOD OF NOT LESS THAN 15 MINUTES. TESTS SHALL BE PER UPC CHAPTER 6. TEST GAUGES SHALL BE PER UPC 316.
- WASTE AND VENT PIPING SHALL BE TESTED WITH AT LEAST 10 FOOT HEAD OF WATER FOR A PERIOD OF NOT LESS THAN 15 MINUTES. TESTS SHALL BE PER UPC CHAPTER 7. TEST GAUGES SHALL BE PER UPC 316.
- PIPING IS CONSIDERED "PASSED" IF THE PRESSURE REMAINS UNCHANGED FOR THE DURATIONS LISTED ABOVE.

WATER PIPE INSULATION

- PRE-FORMED FIBERGLASS INSULATION FOR PIPE, VALVES, FITTINGS, EQUIPMENT, AND ACCESSORIES.
- PROVIDE PER THE WSEC AND THE MIDWEST INSULATION CONTRACTORS ASSOCIATION (MICA) STANDARDS. INSULATION THICKNESSES SHALL COMPLY WITH WSEC.
- PROVIDE INSULATION ON THE FIRST 10' OF OVERFLOW PIPING.

PLUMBING - GENERAL

- PROVIDE PLUMBING PER THE UPC AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- PLUMBING FIXTURES AND EQUIPMENT SHALL BE AS INDICATED ON THE DRAWING SCHEDULES.
- ACCESS PANELS: PROVIDE FOR MAINTENANCE OF VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS, AND OTHER ITEMS REQUIRING ACCESS WHEN OBSTRUCTED BY WALLS AND HARD LID CEILING.
- LOCATE VALVES, CONTROLS, AND SIMILAR COMPONENTS SO THAT THEY ARE ACCESSIBLE.
 - INSTALL TAG ON CEILING GRID FRAME TO INDICATE LOCATION AND TYPE OF EQUIPMENT THAT REQUIRES MAINTENANCE.
- PROVIDE ACCESS DOORS FOR EQUIPMENT INSTALLED BEHIND WALLS, ABOVE INACCESSIBLE CEILINGS AND BELOW FLOORS. COORDINATE ACCESS DOOR LOCATIONS WITH ARCHITECT/ENGINEER. ACCESS DOOR SHALL BE SIZED SO THAT ADJACENT EQUIPMENT IS ACCESSIBLE.
 - PROVIDE 16 GA. STEEL, FLUSH TYPE ACCESS DOOR WITH CONCEALED HINGE AND SLOT SCREWDRIVER TYPE CAM LATCH. PROVIDE FACTORY PRIME IN PAINTED SURFACE AREAS FOR FIELD PAINTING.
 - PROVIDE STAINLESS STEEL FOR ALL OTHER AREAS. PROVIDE UL LISTED AND LABELED DOOR WHERE FIRE-RESISTANCE RATING IS INDICATED ON DRAWINGS.

PLUMBING - CLEANOUTS

- CLEANOUTS SHALL BE JAY R. SMITH, SIOUX CHIEF, ZURN, WADE OR APPROVED EQUAL.
- WALL CLEANOUT, DUCO CAST IRON CALK, FERRULE WITH CAST IRON COUNTERSINK CLOSURE PLUG. PROVIDE WITH STAINLESS STEEL COVER AND SCREW.
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

PLUMBING FIXTURE AND TRIM

- FIXTURES ARE SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE AND ARE THE BASIS OF THIS DESIGN. SIMILAR FIXTURES OF EQUAL QUALITY CAN BE SUBMITTED UPON.
- PROVIDE STOP VALVES, WATER SUPPLY, TRAPS, TRAP ARMS, INSULATION, AND WASTE AS APPLICABLE AND INDICATED ON DRAWINGS.
- PROVIDE CARRIER AND/OR MOUNTING BRACKETS.
- PROVIDE ESCUTCHEON PLATES FOR ALL LINES THROUGH WALL OR FLOOR, UNLESS PLANS INDICATE A DIFFERENT PENETRATION.
- INSTALL FIXTURE PER MANUFACTURER'S RECOMMENDATIONS.

DOMESTIC WATER HEATERS

- TANK SHALL BE RATED AT 1.5 TIMES THE WORKING PRESSURE. WATER HEATER SHALL COMPLY WITH STATE AND LOCAL ENERGY CODES.
- PROVIDE ASME RATED PRESSURE RELIEF VALVE.
- INSTALL WATER HEATERS PER THE UPC AND MANUFACTURER'S RECOMMENDATIONS. PROVIDE CATCHPAN.

PIPE INSULATION SCHEDULE

FLUID OPERATING AND USAGE (°F)	INSULATION CONDUCTIVITY		NOMINAL OR TUBE SIZE (inches)					
	BTU · in/(h · ft ² · °F)	TEMPERATURE, °F	< 1	1 to 1-1/2	1-1/2 to 4	4 to 8	≥ 8	
> 350	0.32 - 0.34	250	4.5	5.0	5.0	5.0	5.0	
251 - 350	0.29 - 0.32	200	3.0	4.0	4.5	4.5	4.5	
201 - 250	0.27 - 0.30	150	2.5	2.5	2.5	3.0	3.0	
141 - 200	0.25 - 0.29	125	1.5	1.5	2.0	2.0	2.0	
105 - 140	0.21 - 0.28	100	1	1.0	1.5	1.5	1.5	
40 - 60	0.21 - 0.27	75	0.5	0.5	1.0	1.0	1.0	
< 40	0.20 - 0.26	75	0.5	1.0	1.0	1.0	1.5	

GENERAL NOTES:

- FOR PIPING SMALLER THAN 1-1/2 INCH (38mm) AND LOCATED IN PARTITIONS WITHIN CONDITIONED SPACES, REDUCTION OF THESE THICKNESSES BY 1 INCH (25mm) SHALL BE PERMITTED (BEFORE THICKNESSES REQUIRED IN FOOTNOTE b) NOT TO A THICKNESS LESS THAN 1 INCH (25mm).
- FOR INSULATION OUTSIDE THE STATED CONDUCTIVITY RANGE, THE MINIMUM THICKNESS (T) SHALL BE DETERMINED AS FOLLOWS:

$$T = ((1 + t/x)^k - 1)$$

WHERE:

T = MINIMUM INSULATION THICKNESS.

t = ACTUAL OUTSIDE RADIUS OF PIPE.

k = INSULATION THICKNESS LISTED IN THE TABLE FOR APPLICABLE FLUID TEMPERATURE AND PIPE SIZE.

X = CONDUCTIVITY OF ALTERNATE MATERIAL AT MEAN RATING TEMPERATURE INDICATED FOR THE APPLICABLE FLUID TEMPERATURE. (800 · in/h · ft² · °F)

k = THE UPPER VALUE OF THE CONDUCTIVITY RANGE LISTED IN THE TABLE FOR THE APPLICABLE FLUID TEMPERATURE.

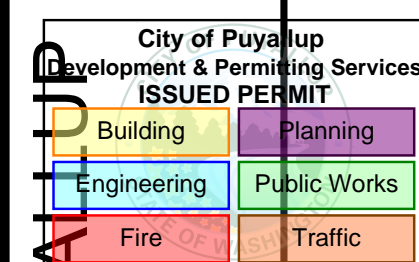
- FOR DIRECT-BURIED HEATING AND HOT WATER SYSTEM PIPING, REDUCTION OF THESE THICKNESSES BY 1-1/2 INCHES (38mm) SHALL BE PERMITTED (BEFORE THICKNESS ADJUSTMENT REQUIRED IN FOOTNOTE b) BY BUT NOT TO THICKNESS LESS THAN 1 INCH (25mm)

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REVISIONS

- | | |
|------------------|------------|
| 1. FOR PERMIT | 01-18-2022 |
| 2. FOR REVIEW | 02-11-2022 |
| 3. REV.1 | 02-28-2022 |
| 4. REV.2 | 03-04-2022 |
| 5. BP CORRECTION | 03-28-2022 |
| 6. - | - |

DESIGNED

CSUSA SG / BSM

CHECKED

CSUSA SG

DATE

6-6-2023

JOB NUMBER

2023-031

SHEET SIZE

ARCH E1: 42" x 30"

SHEET TITLE

SPECIFICATIONS

SHEET NUMBER

PP801

SHEET OF 9

PRCTI20230973