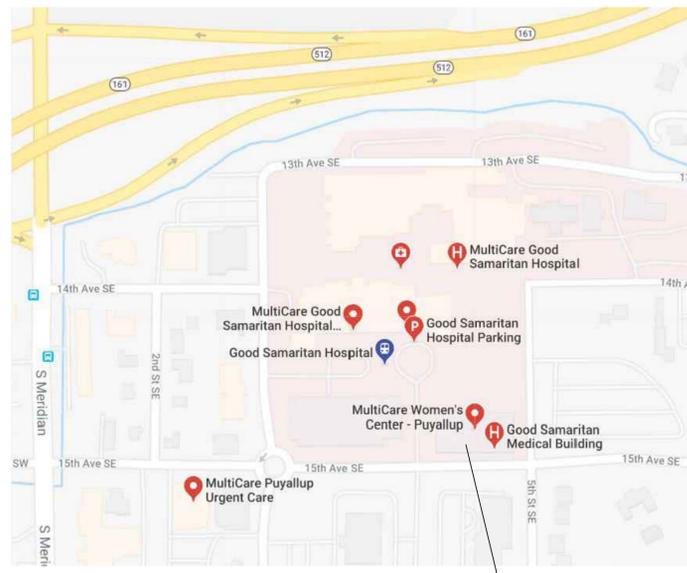


VICINITY MAP



VICINITY MAP  
NOT TO SCALE

PROJECT SITE

PROJECT INFORMATION:

**APPLICABLE CODES:** (INCLUDING STATE AND LOCAL AMENDMENTS OF FOLLOWING LISTED CODES)  
STATE OF WASHINGTON:

**BUILDING CODE:**  
INTERNATIONAL BUILDING CODE (IBC), PRESENTLY APPLICABLE EDITION  
INTERNATIONAL CODE COUNCIL (ICC), A117.1-2003: WAC 51-50

**MECHANICAL CODE:**  
INTERNATIONAL MECHANICAL CODE (IMC), PRESENTLY APPLICABLE EDITION  
INTERNATIONAL FUEL GAS CODE (IFGC), PRESENTLY APPLICABLE EDITION  
NATIONAL FUEL GAS CODE (NFGC), WAC 51-52, PRESENTLY APPLICABLE EDITION

**PLUMBING CODE:**  
UNIFORM PLUMBING CODE (UPC): WAC 51-56, PRESENTLY APPLICABLE EDITION

**ENERGY CODE:**  
WASHINGTON STATE ENERGY CODE: WAC 51-11, PRESENTLY APPLICABLE EDITION

**ELECTRICAL CODE:**  
NATIONAL ELECTRICAL CODE (NEC), PRESENTLY APPLICABLE EDITION:  
WAC 296-46B

**LIFE SAFETY CODE:**  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA-101), PRESENTLY APPLICABLE EDITION

**FIRE CODE:**  
INTERNATIONAL FIRE CODE (IFC), PRESENTLY APPLICABLE EDITION: WAC 51-54

**PROJECT DATA:**

**AUTHORITY:** CITY OF PUYALLUP

**SEISMIC ZONE:** 3

**FROST LINE:** 12 INCHES

**SNOW LOAD:** 25 PSF

**WIND EXPOSURE:** 85 MPH - EXPOSURE B

**CONSTRUCTION TYPE:** 1-A

**OCCUPANCY:** B, MEDICAL OFFICE BUILDING

**FIRE PROTECTION:** AUTOMATIC FIRE ALARM  
AUTOMATIC FIRE SPRINKLER SYSTEM

PROJECT TEAM:

**OWNER:**  
MultiCare Health System  
315 Martin Luther Jr. King Way  
Tacoma, WA 98405  
CContact: Maxcody MacDonald  
Project Manager  
Maxcody.MacDonald@MultiCare.org  
(253)441-7904 Tel.

**FACILITY CONTACTS:**  
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Tacoma, WA 98415  
Contact: Maxcody MacDonald  
Project Manager  
Maxcody.MacDonald@MultiCare.org  
(253)441-7904 Tel.

**ARCHITECT:**  
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Seattle, WA 98125  
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Principal Architect  
Karsea@InSightArch.us  
(206) 601-6645 Tel.

**MECHANICAL:**  
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1101 2nd Ave, Suite 400  
Seattle, WA 98101  
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Senior Engineer, Mechanical Engineering  
Heather.Brownlow@Coffman.com  
(206) 521-0735 Tel.

**ELECTRICAL:**  
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Seattle, WA 98101  
Contact: Hanh Mortenson, PE  
Senior Engineer, Electrical Engineering  
Hanh.Mortenson@Coffman.com  
(253) 347-7944 Tel.

INDEX TO DRAWING SET:

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

**GENERAL:**  
T0.0 PROJECT INFO, INDEX, SITE PLAN

**ARCHITECTURAL:**  
A0.2 FLOOR LIFE SAFETY PLAN  
A1.1 FLOOR PLAN - DEMOLITION  
A2.1 FLOOR PLAN - PROPOSED  
A3.1 FLOOR PLAN - EQUIPMENT  
A4.1 REFLECTED CEILING PLAN  
A6.0 TYPICAL MOUNTING HEIGHTS  
A6.1 INTERIOR ELEVATIONS  
A6.2 INTERIOR ELEVATIONS  
A7.0 DOOR SCHEDULE AND DETAILS  
A7.1 FINISH SCHEDULE  
A8.0 WALL TYPES AND DETAILS  
A8.1 DETAILS

**MECHANICAL:**  
M0.1 COVER SHEET, GENERAL NOTES & INDEX  
M0.2 SCHEDULES  
M1.1 THIRD FLOOR HVAC PLAN - DEMO  
M1.2 THIRD FLOOR HVAC PLAN  
M3.1 DETAILS

**PLUMBING:**  
P0.1 COVER SHEET, GENERAL NOTES & INDEX  
P0.2 SCHEDULES  
P1.2 THIRD FLOOR PLUMBING PLAN

**InSight**  
HealthCare Architecture  
KLanglois@InSightDesignStudio.biz  
12345 Lake City Way NE #2108  
Seattle, WA 98125  
206-601-6645

8466 REGISTERED ARCHITECT  
*Karsea Langlois*  
Karsea M. Langlois  
STATE OF WASHINGTON

OWNER:  
**MultiCare**  
BetterConnected

PROJECT NAME:  
**MultiCare  
GSMOB  
Women's  
Clinic T.I.**

1450 5th St SE  
Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/14/2022	PERMIT SUBMITTAL #1
1	8/11/2022	REVISION #1
2	9/1/2022	REVISION #2
3	9/15/2022	PERMIT RESUBMITTAL
4	10/27/2022	PERMIT RESUBMITTAL

MARK	DATE	DESCRIPTION
E0.1		COVER SHEET AND GENERAL INFORMATION
E0.2		GENERAL NOTES
E0.3		LUMINAIRE SCHEDULE
E0.4		NREC
E0.5		NREC
E1.1		THIRD FLOOR DEMOLITION PLAN
E2.1		THIRD FLOOR LIGHTING PLAN
E3.1		THIRD FLOOR POWER PLAN
E4.1		THIRD FLOOR SYSTEMS PLAN
E5.1		ONE-LINE DIAGRAM
E6.1		PANEL SCHEDULES

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DRAWN BY: K. LANGLOIS  
DATE: 14 JULY 2022  
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SHEET TITLE:  
**PROJECT INFO /  
INDEX / SITE  
PLAN**

SHEET #:  
**T0.0**

GRAPHIC SYMBOLS:

NORTH ARROW		ANGLE	
GRID LINE		DIAMETER / ROUND	
BUILDING SECTION		CONCEALED OR OVERHEAD LINE (NOT ON DEMOLITION PLAN)	
WALL SECTION		GRADE POINT	
DETAIL		ROOM NAME / NUMBER	
INTERIOR ELEVATION		PLAN KEYED NOTE	
ELEVATION MARK		NEW DOOR/FRAME (SEE DOOR SCHEDULE)	
REVISION MARK		WALL TAG (SEE WALL TYPES)	
PROPERTY CORNERS		EQUIPMENT KEYED NOTE	
CUT LINE			
CENTER LINE			

PROJECT DESCRIPTION:

All spaces are all Type B occupancy, medical office building (non-DOH CRS reviewable).

A 3308 SF tenant improvement to existing Women's Clinic Suite 3200, located on the third floor, including exam rooms and patient and staff support areas.

City of Puyallup  
Development  
Engineering  
APPROVED

See permit for additional requirements.  
Linda Lian  
08/22/2022  
8:48:06 AM

Separate permits are required for Fire Alarm and Fire Sprinkler Modifications, Fire Preventions

BUILDING/PLUMBING/MECHANICAL PERMIT 2018 CODES

City of Puyallup  
Building  
REVIEWED  
FOR  
COMPLIANCE

DLeahy  
11/22/2022  
7:51:18 AM

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building Planning  
Engineering Public Works  
Fire Traffic

FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDE BY THE PERMITTEE ON SITE FOR ALL INSPECTIONS MIN. PLAN SIZE 24 X 36

MARK	DATE	DESCRIPTION
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SHEET TITLE:  
**3rd FLOOR  
LIFE SAFETY  
PLAN**

SHEET #:  
**A0.2**

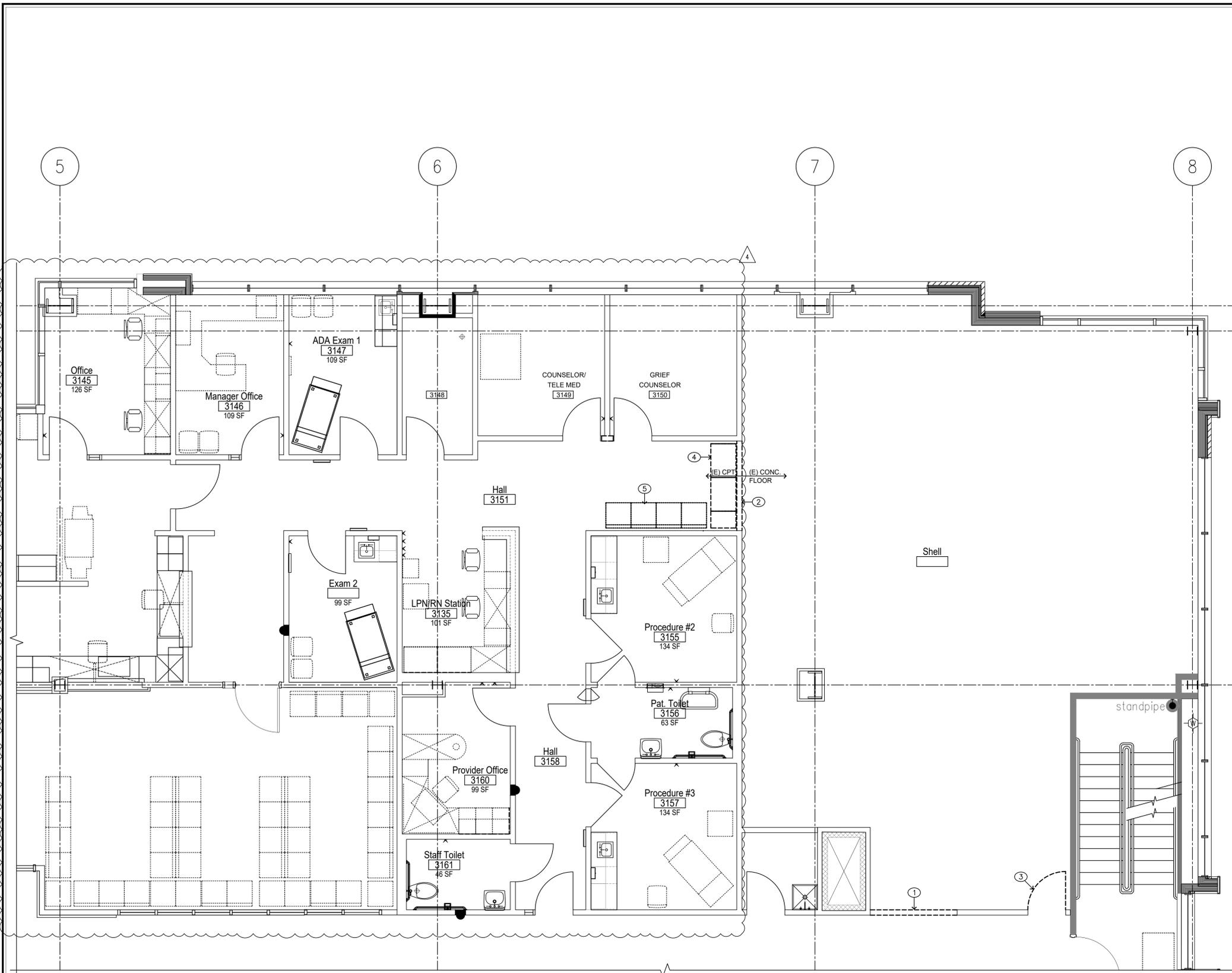
**LEGEND**

- XX SPACE  
XX SF / 150 = XX OCCUPANTS
- 1-HOUR GWB OCCUPANCY FIRE BARRIER ASSEMBLY WITH 60-MINUTE DOORS
- 1-HOUR GWB SMOKE PARTITION WITH 20-MINUTE DOORS & 45-MINUTE RELITES (AS REQUIRED BY NFPA 101 - LIFE SAFETY CODE)
- 1-HOUR GWB SHAFT WALL ASSEMBLY
- 1-HOUR GWB SHAFT WALL ASSEMBLY WITH SMOKE DOOR AT ELEVATOR 'C' ONLY
- 2-HOUR FIRE CMU OR CONCRETE OCCUPANCY SEPARATION WALL ASSEMBLY WITH 90-MINUTE DOORS
- NON-RATED SMOKE PARTITION PER IBC 710. EXTEND WALL TO STRUCTURE. DOORS TO HAVE CLOSERS & SMOKE SEALS
- 1-HOUR GWB CEILING FIRE BARRIER
- 2-HOUR FIRE-RATED META DECK & 3-HOUR FIRE-PROTECTED FLOOR BEAMS (CONCRETE FLOOR SLAB OCCUPANCY SEPARATION OR CONSTRUCTION TYPE 1A FLOOR ASSEMBLY)
- TRAVEL DISTANCES (MAXIMUM SHOWN)
- NON-RATED WALL ASSEMBLIES

City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic





**GENERAL NOTES**

1. THESE DEMOLITION DRAWINGS ARE INTENDED TO SHOW EXISTING CONDITIONS TO BE REMOVED (OR DEMOLISHED) TO COORDINATE WITH NEW WORK TO BE INSTALLED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXISTING CONDITIONS IN THE FIELD WITH NEW WORK TO BE INSTALLED. COORDINATE ALL EXTENT OF DEMOLITION WITH EXTENT OF NEW WORK TO BE INSTALLED. CONTRACTOR SHALL BRING ALL DISCREPANCIES BETWEEN NEW WORK AND EXISTING CONDITIONS TO THE ATTENTION OF THE ARCHITECT BY WRITTEN NOTIFICATION FOR CLARIFICATION/DECISION BEFORE PROCEEDING WITHIN THE AFFECTED PORTION OF THE WORK. ANY DEMOLITION WORK DONE INCORRECTLY WITH RESPECT TO NEW WORK TO BE DONE SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE. CORRECTION MAY BE EITHER REINSTALLATION OF EXISTING CONDITION OR MODIFICATION OF NEW WORK TO REMEDY INCORRECT DEMOLITION. THIS SHALL BE SOLELY JUDGED BY THE ARCHITECT.
2. THESE DOCUMENTS DO NOT ADDRESS ASBESTOS ABATEMENT. ASBESTOS ABATEMENT WILL BE HANDLED BY THE OWNER. OWNER WILL RETAIN A CERTIFIED ASBESTOS ABATEMENT CONTRACTOR TO ABATE EACH PHASE PRIOR TO GENERAL CONTRACTOR'S WORK. OWNER WILL ALSO RETAIN ABATEMENT CONTRACTOR THROUGHOUT THE PROJECT FOR SPOT CHECKS AND VERIFICATION OF SUSPECTED MATERIALS UNCOVERED DURING DEMOLITION. GENERAL CONTRACTOR SHALL BE REQUIRED TO COORDINATE & SCHEDULE WITH OWNER'S ABATEMENT CONTRACTOR. SUBMIT ALL REPORTS TO CITY OF PUYALLUP BUILDING OFFICIAL.
3. MINIMIZE DAMAGE, BY WHATEVER MEANS DEEMED NECESSARY TO FULLY PROTECT ALL EXISTING SURFACES TO REMAIN ADJACENT TO DEMOLITION WORK.
4. DEMOLISH PARTITIONS FROM FLOOR TO STRUCTURAL DECK ABOVE UNLESS EXISTING CONDITIONS WARRANT NOTIFICATION TO THE ARCHITECT OF OTHER EXTENT OR UNLESS OTHERWISE NOTED.
5. ALL ITEMS NOT SCHEDULED TO BE REUSED SUCH AS MECHANICAL AND ELECTRICAL FIXTURES, EQUIPMENT, FURNITURE, CASEWORK AND SHELVING SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
6. WHERE NEW FLOORING IS SCHEDULED REMOVE ALL FLOOR FINISHES TO SMOOTH SUBSTRATE BELOW. REMOVE ALL ADHESIVES, TAPES, TACK STRIPS, AND OTHER PROJECTIONS THAT WILL OTHERWISE PREVENT THE INSTALLATION OF NEW FINISHES IN A NEAT, COMPLETE AND THOROUGH MANNER PER FLOORING MANUFACTURERS RECOMMENDATIONS.
7. WHERE REMOVING DOOR FRAMES, WINDOW/ RELITE FRAMES OR THE LIKE, MINIMIZE DAMAGE TO OR REMOVAL OF ADJACENT PLASTER FINISHES. REMOVE, HOWEVER, ALL LOOSE OR UNSTABLE PLASTER AND STRUCTURAL MATERIAL TO ENSURE PROPER PATCH WORK. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO PATCH ALL PLASTER OR OTHER EXISTING FINISHES ADJACENT TO SUCH REMOVAL IF ADJACENT SURFACES ARE TO REMAIN. PATCH IN LIKE THICKNESS, FINISH.
8. REMOVE ALL LOOSE DEBRIS OR OTHERWISE UNNECESSARY MATERIAL FROM WALL CAVITIES CREATED BY DEMOLITION WORK PRIOR TO ENCLOSING WITH NEW FINISHES.
9. WHERE PLUMBING FIXTURES, PIPES OR CONDUITS ARE REMOVED LEAVING HOLES IN EXISTING FLOOR, WALLS OR CEILING, SURFACES TO REMAIN, PATCH HOLES WITH SAME MATERIAL, FINISH AND FIRE RATING, SO AS TO LOOK FLUSH WITH ADJACENT TO SURROUNDING SURFACES.
10. CLEAN UP CONSTRUCTION SITE AT END OF EACH DAY'S WORK SO AS TO NOT BLOCK EXIT PATHS OR ACCESS IN OR OUT OF EACH PHASED AREA. IN NO CASE SHALL OCCUPIED AREAS BE BLOCKED WITH TOOLS, DEBRIS OR CONTRACTOR'S EQUIPMENT AT ANYTIME. DISPOSE OF DEMOLITION DEBRIS FROM SITE ON A DAILY BASIS. ACCESS ROUTE SHALL BE SUBMITTED TO OWNER AND ARCHITECT IN WRITING ( OR GRAPHICALLY ) FOR REVIEW 48 HOURS PRIOR TO ANY WORK.
11. CONSULT WITH OWNER IN WRITING TEN (10) DAYS IN ADVANCE OR UTILITY/ SERVICE SHUTDOWNS.
12. PROVIDE DUSTPROOF PARTITIONING AND TEMPORARY DOORS WHERE NEEDED PRIOR TO DEMOLITION TO PROTECT ADJACENT AREAS.
13. DEMOLISH ALL OR PORTIONS OF EXISTING WALLS SHOWN. RETAIN FINISH TO ADJACENT WALL SURFACES, BOTH SIDES OF WALL UNLESS SPECIFICALLY NOTED TO REMOVE. PATCH AND REPAIR ALL DAMAGED AREAS AFFECTED BY THIS WORK.
14. ALL STRUCTURAL MEMBERS, INCLUDING BEARING WALLS, AFFECTED BY THIS DEMOLITION ARE TO BE VERIFIED AND ADEQUATELY SHORED BEFORE REMOVAL.

**DEMOLITION PLAN KEYED NOTES**

- 1 DEMOLISH PORTION OF (E) WALL TO ACCOMMODATE NEW DOOR AND HALLWAY - RETAIN EXISTING SOFFIT TO 6" BELOW CEILING GRID
- 2 DEMOLISH EXISTING WALL - RETAIN EXISTING SOFFIT TO 6" BELOW CEILING GRID WHERE INDICATED ON REFLECTED CEILING PLAN
- 3 DEMOLISH EXISTING DOOR AND FRAME
- 4 DEMOLISH EXISTING CASEWORK

**FLOOR PLAN: DEMOLITION**



**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**LEGEND**

- EXISTING WALL TO BE REMOVED
- EXISTING WALL TO REMAIN
- EXISTING WINDOW TO BE REMOVED
- EXISTING DOOR TO BE REMOVED
- CUT OPENING IN EXISTING WALL
- PLUMBING FIXTURES TO BE REMOVED COORDINATE WITH MECH. CAP OR MODIFY PLUMBING AS REQUIRED FOR NEW WORK.
- DASHED LINE INDICATES ITEM TO BE REMOVED REFER TO NOTES OR FIELD VERIFY TYPE TYPE OF ITEM TO BE DEMOLISHED

**InSight  
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Seattle, WA 98125  
206-601-6645

8466 REGISTERED ARCHITECT  
*Karssea Langlois*  
Karssea M. Langlois  
STATE OF WASHINGTON

OWNER:  
**MultiCare**  
BetterConnected

PROJECT NAME:  
**MultiCare  
GSMOB  
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1450 5th St SE  
Puyallup, WA 98372

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DRAWN BY: K. LANGLOIS  
DATE: 14 JULY 2022  
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SHEET TITLE:  
**FLOOR PLAN:  
DEMOLITION**

SHEET #:  
**A1.1**

**GENERAL NOTES**

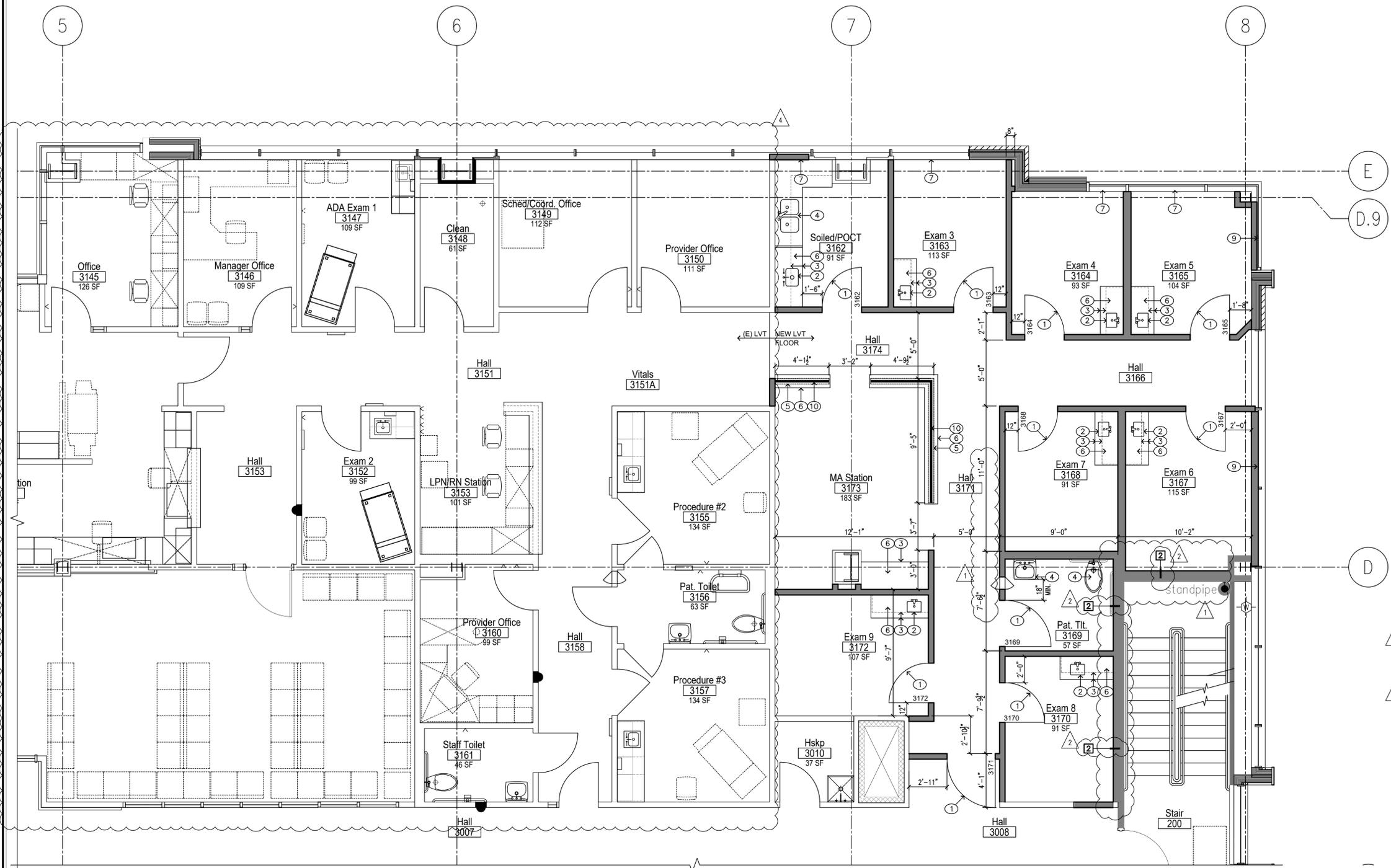
1. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DRAWINGS, DIMENSIONS, SPECIFICATIONS AND SCHEDULES PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. NOTIFY ARCHITECT IMMEDIATELY OF ANY UNCERTAINTY OR DISCREPANCY.
2. DRAWINGS SHALL NOT BE SCALED.
3. WHERE NOTES ON THE DRAWINGS INDICATE A CONDITION AT ONE LOCATION, WHETHER INDICATED AS TYPICAL OR NOT, THE NOTE SHALL APPLY TO ALL SIMILAR LOCATIONS, UNO.
4. SEE SHEET T.O.0 FOR ADDITIONAL NOTES, SYMBOLS, ABBREVIATIONS, ETC.
5. SEE CODE PLAN AND DETAILS, FOR EXTENT OF RATED WALLS, CEILINGS, OPENINGS & DETAIL.
6. GRID LINES ARE TO CENTERLINE OF STEEL AND STUDS @ FRAMED WALLS, UNO.
7. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF FINISHED WALL, AND ROUGH OPENINGS, UNLESS NOTED OTHERWISE OR INDICATED ON DETAILS.
8. DOORS ARE TYPICALLY LOCATED BY DETAIL. WHERE A DIMENSION IS INDICATED ON PLAN FOR DOORS AND RELITES THEY WILL SUPERSEDE DETAIL DIMENSIONS.
9. REFER TO DETAIL 5/A8.0 FOR MANEUVERING CLEARANCES AT DOORS.
10. ALL BUILDING SIGNAGE AND IDENTIFYING DEVICES TO COMPLY WITH THE REQUIREMENTS OF THE A.D.A. (AMERICANS WITH DISABILITIES ACT).
11. FINISH FLOORING TO EXTEND TO WALLS BELOW ALL CASEWORK NOT PERMANENTLY ATTACHED TO THE FLOOR UNLESS NOTED OTHERWISE.
12. PROVIDE SOLID BLOCKING @ ALL CASEWORK AT TOP AND BOTTOM OF UPPERS AND AT TOP OF COUNTERS AND LOWER CABINETS. PROVIDE BLOCKING IN WALLS FOR WALL MOUNTED/SUPPORTED ITEMS INCLUDING TV BRACKETS, SHELVES, LOCKERS, WHITE BOARDS, PROJECTION SCREENS, ETC. VERIFY BLOCKING REQUIREMENTS WITH SUPPLIER/MFR OF PRODUCT TO BE MOUNTED.
13. WHERE A MECHANICAL PIPE OR DUCT CHASE IS INDICATED ON THE FLOOR PLAN, VERIFY SIZE OF CHASE REQUIRED FOR MECHANICAL ITEMS.
14. INSTALL ACOUST. BATT INSULATION IN ALL EXISTING INTERIOR STUD WALLS WHERE STUD CAVITIES ARE EXPOSED AS A RESULT OF CONSTRUCTION OR DEMOLITION ACTIVITIES.
15. DARK SHADING INDICATES NEW WALL CONSTRUCTION. REFER TO WALL TYPE FLAGS AND DETAIL 4/A8.0 FOR DETAILED DESCRIPTIONS OF NEW WALL CONSTRUCTION.
16. WHERE WALL OF ONE SIZE STUD JOINS A WALL OF DIFFERENT SIZE STUD, MAINTAIN CONTINUITY OF FINISHED FACE OF WALL AT CORRIDOR SIDE, UNO.
17. WHERE EXISTING WALL-MOUNTED ITEMS ARE NOTED, INSTALL ITEM NOTED ON DEMOLITION PLANS TO BE SALVAGED.

**KEYED NOTES**

- 1 NEW DOOR AND FRAME
- 2 NEW HANDWASH SINK - SEE MECHANICAL
- 3 NEW CASEWORK (SEE INTERIOR ELEVATIONS)
- 4 NEW PLUMBING FIXTURE - SEE MECHANICAL
- 5 LOW WALL - SEE INTERIOR ELEVATIONS
- 6 NEW SOLID SURFACE COUNTER
- 7 HORIZONTAL LOUVER BLINDS - ALL EXTERIOR WINDOWS IN DEVELOPED AREAS TO RECEIVE B1 BLINDS UNO.
- 8 NEW CORNER GUARD FROM TOP OF FLOORING BASE TO +48" ABOVE BASE, TYPICAL ALL OUTSIDE CORNERS IN CORRIDORS AND AS NOTED
- 9 INSTALL WINDOW FILM ON INSIDE OF WINDOW (DECORATIVE FILMS SXF-5050) BEHIND WALL
- 10 INSTALL NEW PARTIAL-HEIGHT 3FORM FROSTED GLASS ON TOP OF PARTIAL-HEIGHT WALL - SEE INTERIOR ELEVATIONS

**LEGEND**

- NEW WALL
- EXISTING WALL TO REMAIN



**FLOOR PLAN: PROPOSED**



City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

OWNER:  
**MultiCare**  
BetterConnected

PROJECT NAME:  
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DRAWN BY: K. LANGLOIS  
DATE: 14 JULY 2022  
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SHEET TITLE:  
**FLOOR PLAN:  
PROPOSED**

SHEET #:  
**A2.1**

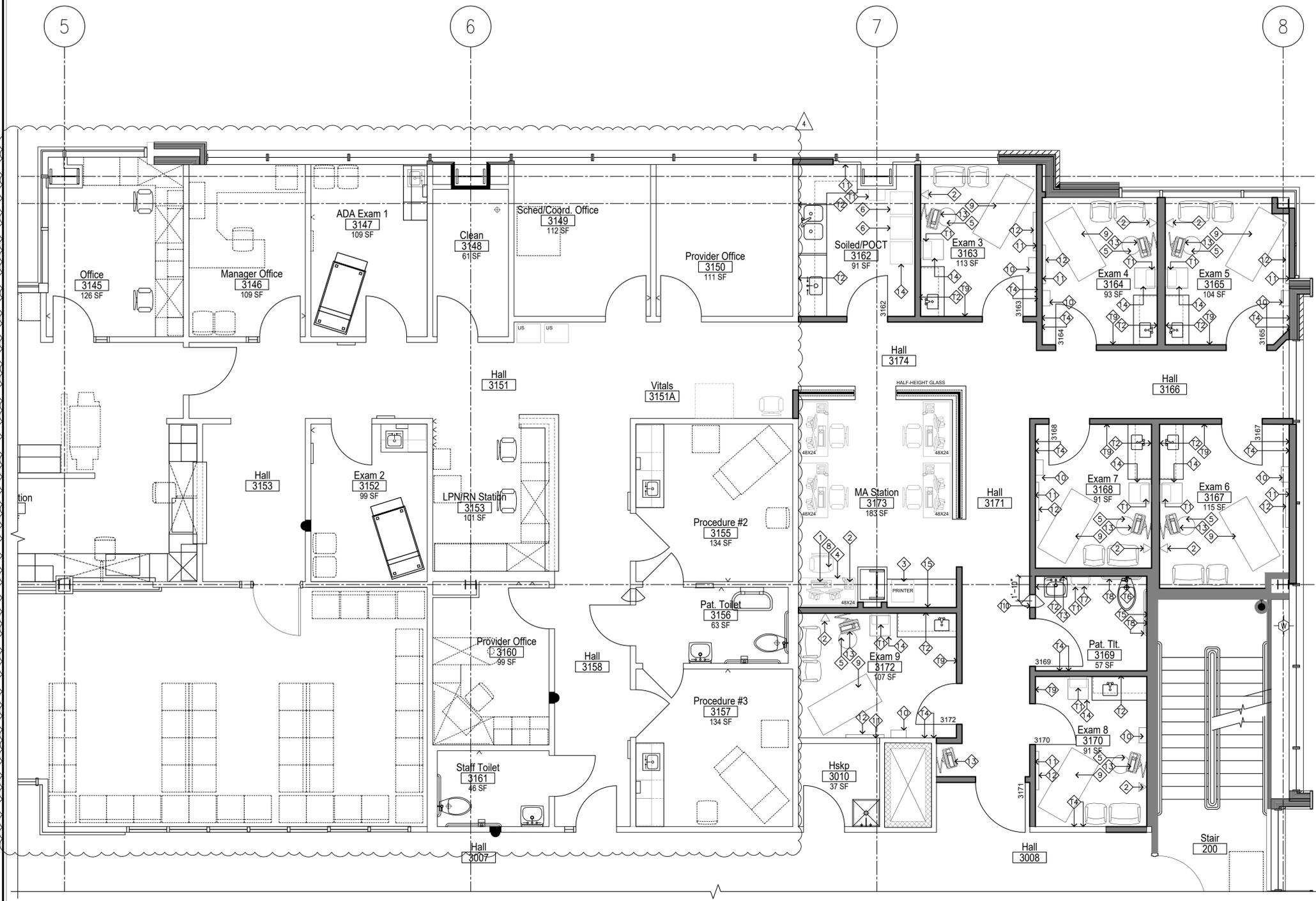
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**EQUIPMENT NOTES:**

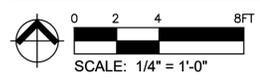
- ALL T# ITEMS ARE CFCI, EXCEPT AS NOTED
- 1 PAPER TOWEL DISPENSER – GEORGIA PACIFIC enMOTION #59407 (O.F.C.I.)
  - 2 LIQUID SOAP DISPENSER (O.F.C.I.)
  - 3 MIRROR – BOBRICK #B-2908, DIMENSION PER INTERIOR ELEVATIONS
  - 4 COAT / ROBE HOOK – BOBRICK #B-76717
  - 5 TOILET PAPER DISPENSER – GEORGIA PACIFIC DOUBLE-ROLL #56797 (O.F.C.I.)
  - 6 SEAT COVER DISPENSER – BOBRICK #B-221
  - 7 RUBBERMAID STAINLESS STEEL WASTE RECEPTACLE (O.F.O.I.)
  - 8 GRAB BAR – BOBRICK #B-6806, LENGTH PER INTERIOR ELEVATIONS
  - 9 LIQUID HAND SANITIZER (O.F.C.I.)
  - 10 CARR SPT12127 SPECIMEN PASS-THROUGH

(O.F.O.I.) ITEMS, EXCEPT AS NOTED:

- 1 COMPUTER
- 2 TELEPHONE
- 3 COPY/PRINTER/SCANNER
- 4 SIT-TO-STAND DESK
- 5 TASK STOOL
- 6 SOILED LINEN HAMPER (O.F.O.I.)
- 7 PEDESTAL FILE
- 8 TASK CHAIR
- 9 EXAM TABLE
- 10 SHARPS CONTAINER (O.F.C.I.)
- 11 GLOVE RACK (O.F.C.I.)
- 12 PATIENT DIAGNOSTIC CONSOLE (O.F.C.I.)
- 13 WALL-MOUNTED WORKSTATION (O.F.C.I.)
- 14 WASTE CONTAINER
- 15 TACKBOARD



**FLOOR PLAN: EQUIPMENT**



City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

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DATE: 14 JULY 2022  
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SHEET TITLE:  
**REFLECTED  
CEILING PLAN**

SHEET #:  
**A4.1**

**GENERAL NOTES**

- EXISTING ACOUSTICAL TILE CEILING SYSTEM TO REMAIN THROUGHOUT REMODELED AREA.
- NEW 9'-6" ACOUSTICAL TILE CEILING SYSTEM THROUGHOUT VACANT SHELL AREA
- CONTRACTOR TO PROVIDE COORDINATION OF SHOP DRAWING FOR APPROVAL OF CEILING, SHOWING AND PROVIDING DIMENSIONS OF ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL ITEMS.

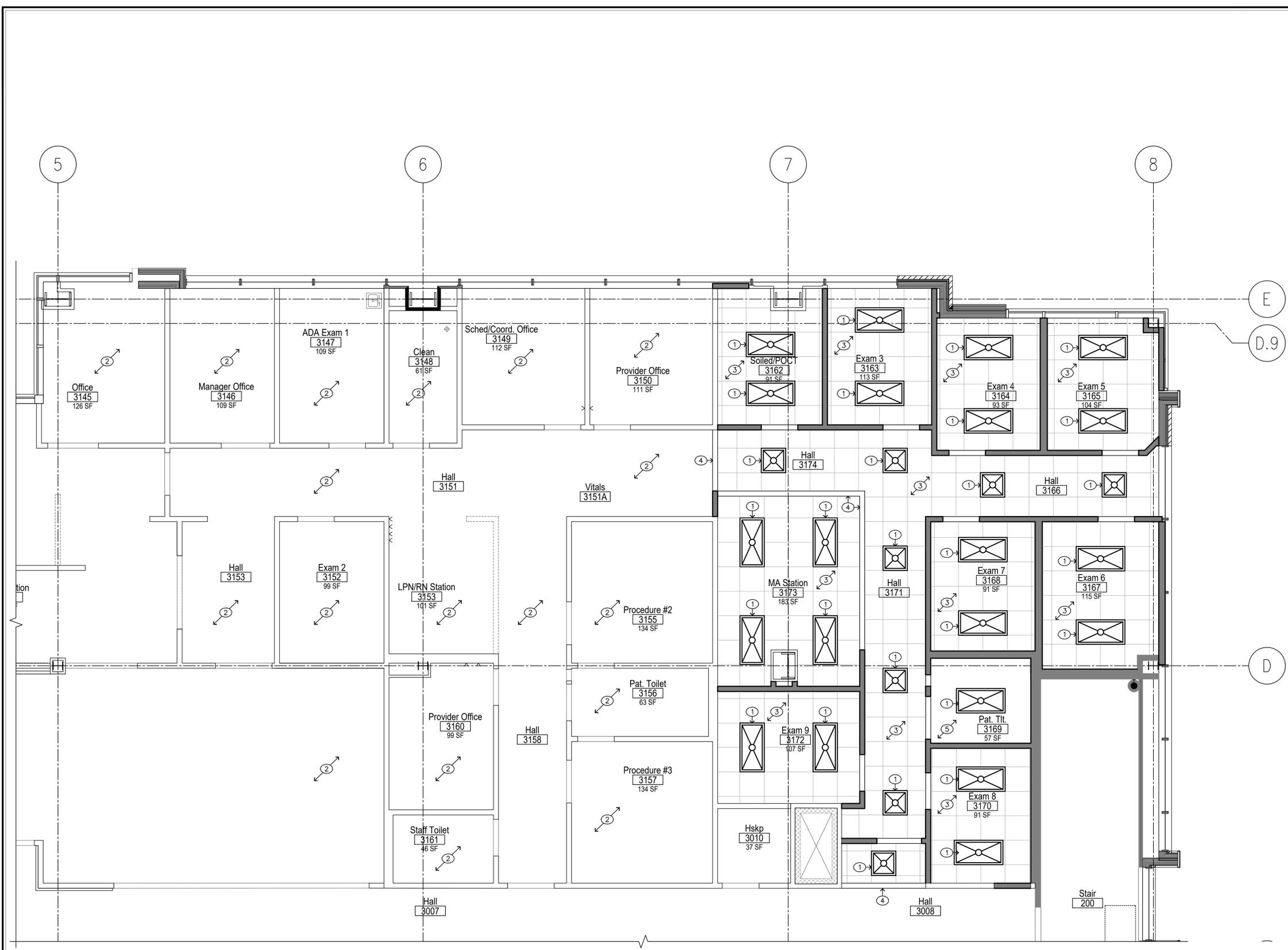
**LEGEND**

SEE ELECTRICAL SHEETS FOR LIGHT FIXTURE TYPES

- SUSPENDED OR FRAMED GYPSUM WALLBOARD CEILING
- LED LIGHT FIXTURE
- RECESSED WALL-WASH LED LIGHT FIXTURE
- 1x4 LED LIGHT FIXTURE
- 2x4 LED LIGHT FIXTURE
- LED LIGHT FIXTURE ON LIFE SAFETY CIRCUIT
- 2x2 LED LIGHT FIXTURE
- CEILING ACCESS PANEL - 24"x24" UNLESS NOTED OTHERWISE
- SUPPLY DIFFUSER
- RETURN GRILLE
- EXHAUST GRILLE
- SPEAKER
- FIRE ALARM STROBE
- SPRINKLER
- SMOKE DETECTOR
- SPEAKER
- OCCUPANCY SENSOR
- CAMERA
- EXIT SIGN
- 8FT UTILITY LIGHT

**KEYED NOTES**

- NEW LIGHT FIXTURE (SEE ELECTRICAL)
- EXISTING CEILING AND FIXTURES TO REMAIN
- NEW ACT CEILING - MATCH EXISTING HEIGHT AND FINISH
- NEW GYP BOARD SOFFIT AT 6" BELOW ADJACENT CEILING GRID
- NEW GYP BOARD CEILING



**REFLECTED CEILING PLAN**

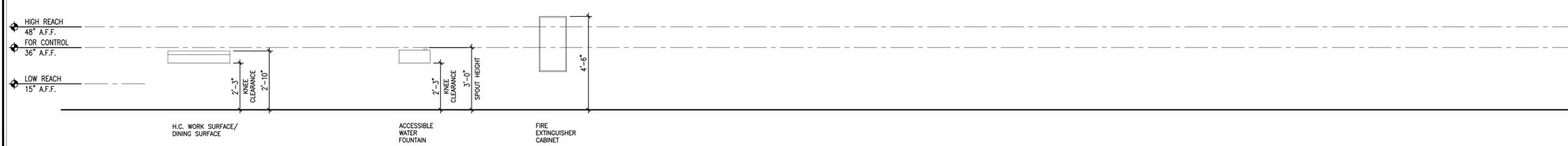
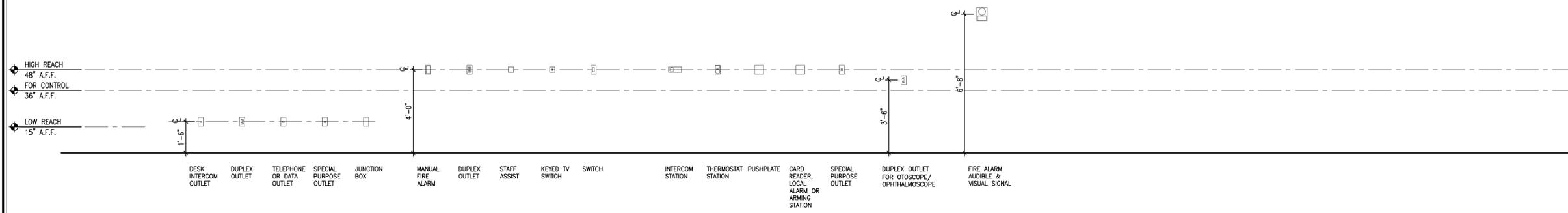
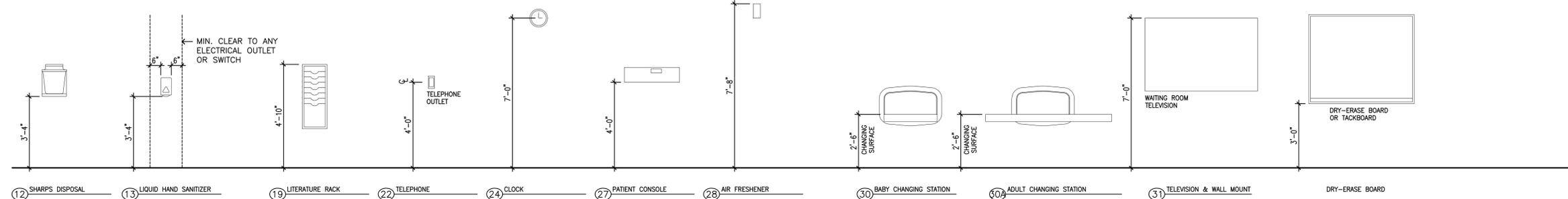
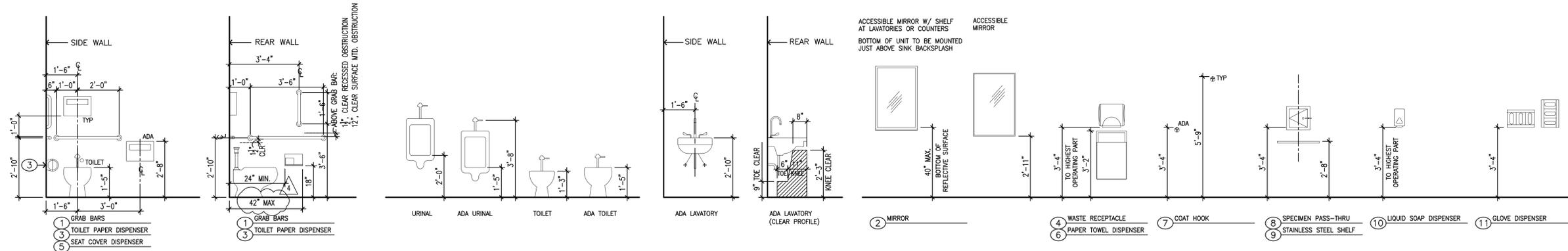


City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic



1 MOUNTING HEIGHTS (TYPICAL)  
SCALE: 3/8" = 1'-0"

**InSight**  
HealthCare Architecture  
KLanglois@InSightDesignStudio.biz  
12345 Lake City Way NE #2108  
Seattle, WA 98125  
206-601-6645

8466 REGISTERED ARCHITECT  
*Karssea M. Langlois*  
Karssea M. Langlois  
STATE OF WASHINGTON

OWNER:  
**MultiCare**  
BetterConnected

PROJECT NAME:  
**MultiCare  
GSMOB  
Women's  
Clinic T.I.**

1450 5th St SE  
Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/14/2022	PERMIT SUBMITTAL #1
1	8/11/2022	REVISION #1
2	9/1/2022	REVISION #2
3	9/15/2022	PERMIT RESUBMITTAL
4	10/27/2022	PERMIT RESUBMITTAL

PROJECT NO. 31241  
DRAWN BY: K. LANGLOIS  
DATE: 14 JULY 2022  
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SHEET TITLE:  
**TYPICAL  
MOUNTING  
HEIGHTS**

SHEET #:  
**A6.0**

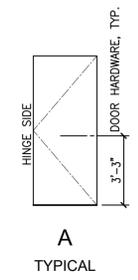




DOOR SCHEDULE

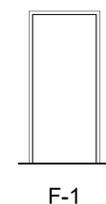
NUMBER	CLASS	DOOR			FRAME			DETAIL		GLAZING		FIRE RATING	LEAD SHIELDING	HARDWARE SCHEDULE											NOTES				
		SIZE	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB			THRESHOLD	TYPE	RATING	HINGES	LOCK	CYLINDER	CLOSER	WALL STOP	OVERHEAD STOP	GASKETING	PANIC		KICKPLATE	MAGNETIC HOLD-OPEN	FINISH	
3148	(E)	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	Y	Y	Y	Y	N	Y	Y	N	N	N	DC	4
3162	NEW	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	N	N	N	N	Y	Y	N	N	N	DC	2	
3163	NEW	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	N	N	N	N	Y	Y	N	N	N	DC	3	
3164	NEW	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	N	N	N	N	Y	Y	N	N	N	DC	3	
3165	NEW	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	N	N	N	N	Y	Y	N	N	N	DC	3	
3167	NEW	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	N	N	N	N	Y	Y	N	N	N	DC	3	
3168	NEW	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	N	N	N	N	Y	Y	N	N	N	DC	3	
3169	NEW	3'-6" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	Y	N	N	Y	N	Y	N	N	N	DC	1	
3170	NEW	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	N	N	N	N	Y	Y	N	N	N	DC	3	
3171	NEW	3'-8" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	Y	Y	Y	Y	N	Y	Y	N	N	DC	2	
3172	NEW	3'-0" X 7'-0"	1 1/2"	A	WD	PLAM	F-1	HM	MP	2/A7.0	1/A7.0	-	N/A	N/A	NR	N	3	N	N	N	N	Y	Y	N	N	N	DC	3	

DOOR TYPES



A  
TYPICAL

DOOR FRAMES



F-1

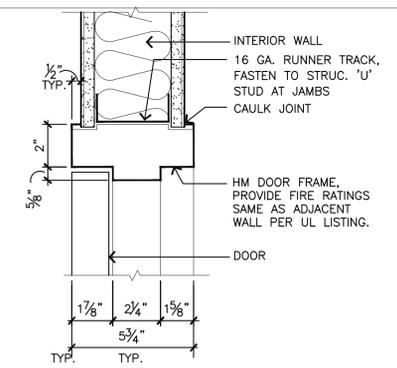
City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

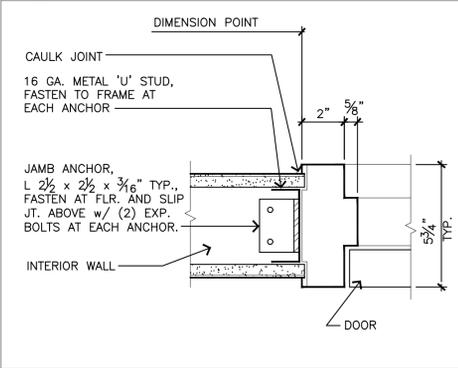
GENERAL NOTES

- ALL DOORS TO BE 1 1/4" THICK, UNLESS NOTED OTHERWISE.
- DOOR GLAZING COLUMN REFERS TO DOOR, SIDELIGHT AND TRANSOM.
- LABEL COLUMN NUMBER INDICATES THE RATING IN MINUTES, UNLESS NOTED OTHERWISE.
- GLAZING DIMENSIONS FOR DOOR TYPES ARE TO INSIDE OF FRAME (CLEAR GLAZING AREA).
- RELITE GLAZING AND STOP TO OCCUR ON CORRIDOR/HALLWAY SIDE OF FRAME, UNLESS NOTED OTHERWISE.
- STRIKE JAMB DETAIL IS SIMILAR TO HINGE JAMB DETAIL, UNLESS NOTED OTHERWISE.
- VERIFY WALL CONSTRUCTION FOR FRAME DEPTH.
- ALL DOOR HARDWARE SHOULD COMPLY WITH "ADA" REQUIREMENTS. SEE SPEC FOR HARDWARE SET INFORMATION.
- VERIFY EXISTING WALL CONSTRUCTION FOR FRAME DEPTHS.
- SEE DETAIL 19/A8.1 FOR MANEUVERING CLEARANCES AT DOORS.

2 TYPICAL DOOR - HEAD  
SCALE: 3" = 1'-0"



1 TYPICAL DOOR - JAMB  
SCALE: 3" = 1'-0"



CODED NOTES

- INSTALL NEW "OCCUPIED" INDICATOR
- NEW CARD READER AND ELECTRIC DOOR STRIKE
- PROVIDE PRIVACY HINGE COVER
- REPLACE EXISTING LOCKSET WITH NEW TRILOGY LOCKSET

LEGEND

GENERAL:	(E) EXISTING	N NO	N/A NOT APPLICABLE	Y YES	THICKNESS:	TYPICAL ALL DOORS 1 1/4" UNLESS OTHERWISE INDICATED	BM BY MANUFACTURER	O THICKNESS TO MATCH EXIST. FRAME (VERIFY)	MATERIAL:	SC SOLID CORE WOOD (TYPICAL)	HM HOLLOW METAL	AG ALUMINUM AND GLASS	WV WOOD PANEL/VINYL	FINISH:	PLAM PLASTIC LAMINATE - WHITE MAPLE	MP METAL, PAINTED	AA ANODIZED ALUMINUM, MILL FINISH	BM BY MANUFACTURER	NF NATURAL FINISH (SYNTHETIC)	WS WOOD, STAINED	GLAZING:	CW CLEAR WIRE	CT CLEAR TEMPERED	TT TINTED TEMPERED	FL FIRELITE	VC VISION CONTROL (INTEGRAL BLINDS)	LC LEAD SHIELDING	FIRE RATING:	20, 60, 90 MIN. 1, 1 1/2 HOUR, ETC. - INDICATES LABEL	FRAME:	HM HOLLOW METAL	AL ALUMINUM	S STEEL	BM BY MANUFACTURER	O EXISTING FRAME TO REMAIN. PAINT TO MATCH ADJACENT WALL.	WD WOOD, PAINTED	HARDWARE:	DC DULL CHROME
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InSight  
HealthCare Architecture  
KLanglois@InSightDesignStudio.biz  
12345 Lake City Way NE #2108  
Seattle, WA 98125  
206-601-6645

8466 REGISTERED ARCHITECT  
Karsa M. Langlois  
Karsa M. Langlois  
STATE OF WASHINGTON

OWNER:  
MultiCare  
BetterConnected

PROJECT NAME:  
MultiCare  
GSMOB  
Women's  
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DATE: 14 JULY 2022  
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SHEET TITLE:  
DOOR  
SCHEDULE, &  
DETAILS

SHEET #:  
A7.0

FINISH SCHEDULE

ROOM #	ROOM NAME	FLOORING			BASE		NORTH WALL			EAST WALL			SOUTH WALL			WEST WALL			CEILING			CODED NOTES	WAINSCOT			ROOM #	
		MATL	FIN	CLR	FIN	CLR	MATL	FIN	CLR	MATL	FIN	CLR	MATL	FIN	CLR	MATL	FIN	CLR	MATL	FIN	HEIGHT		MATL	HEIGHT	WALL		
3008	HALL	(E)CONC							GWB	PT	PNT-1	(E)GWB	PT	PNT-1	-	-	-	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"				3008
3145	CALL CENTER	(E)CONC	CPT	CPT1	RB	RB1			(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"				3145
3146	MANAGER OFFICE	(E)CONC																									3146
3147	ADA EXAM ROOM 1	(E)CONC																									3147
3148	CLEAN STORAGE	(E)CONC	SV	SV1	RB	RB1																					3148
3149	SCHEDULER / COORDINATOR OFFICE	(E)CONC	CPT	CPT1	RB	RB1			(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"				3149
3150	PROVIDER OFFICE	(E)CONC	CPT	CPT1	RB	RB1			(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"				3150
3151	HALL	(E)CONC							(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"				3151
3151A	VITALS											GWB	PT	PNT-1										SWC1	48"		3151A
3152	EXAM ROOM 2	(E)CONC																									3152
3153	LPN/RN STATION	(E)CONC	SV	SV1	RB	RB1			(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-2	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	GWB	PNT-1	9'-6"				3153
3155	PROCEDURE ROOM 2																										3155
3156	PATIENT TOILET																										3156
3157	PROCEDURE ROOM 3																										3157
3158	HALL	(E)CONC							(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1							3158
3160	PROVIDER OFFICE	(E)CONC	CPT	CPT1	RB	RB1			(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"				3160
3161	STAFF TOILET																										3161
3162	SOILED HOLDING / POCT	(E)CONC	SV	SV1	ICB	SV1			GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"		SWC1	48"	3162
3163	EXAM ROOM 3	(E)CONC	SV	SV1	RB	RB1			GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-2	GWB	PT	PNT-1	ACT1	FF	9'-6"		SWC1	48"	3163
3164	EXAM ROOM 4	(E)CONC	SV	SV1	RB	RB1			GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-2	GWB	PT	PNT-1	ACT1	FF	9'-6"		SWC1	48"	3164
3165	EXAM ROOM 5	(E)CONC	SV	SV1	RB	RB1			GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-2	GWB	PT	PNT-1	ACT1	FF	9'-6"		SWC1	48"	3165
3166	HALL	(E)CONC	LVT	LVT1	RB	RB1			GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"				3166
3167	EXAM ROOM 6	(E)CONC	SV	SV1	RB	RB1			GWB	PT	PNT-2	GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"		SWC1	48"	3167
3168	EXAM ROOM 7	(E)CONC	SV	SV1	RB	RB1			GWB	PT	PNT-2	GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"		SWC1	48"	3168
3169	ADA PATIENT TOILET	(E)CONC	SV	SV1	ICB	SV1			GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PNT-1	9'-6"		SWC1	48"	3169
3170	EXAM ROOM 8	(E)CONC	SV	SV1	RB	RB1			GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-2	GWB	PT	PNT-1	ACT1	FF	9'-6"		SWC1	48"	3170
3171	HALL	(E)CONC	LVT	LVT1	RB	RB1			GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"				3171
3172	EXAM ROOM 9	(E)CONC	SV	SV1	RB	RB1			GWB	PT	PNT-1	GWB	PT	PNT-2	GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"		SWC1	48"	3172
3173	MA STATION	(E)CONC	LVT	LVT1	RB	RB1			GWB	PT	PNT-1	GWB	PT	PNT-2	GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"				3173

GENERAL NOTES

- AN ASTERISK (\*) IN THE FINISH SCHEDULE REFERENCES CODED NOTES IN THE REMARKS COLUMN.
- ALL FLOORING / COLOR TRANSITIONS, WHERE REQUIRED, SHALL BE CENTERED UNDER DOOR.
- PAINT ALL INTERIOR MECHANICAL LOUVERS, WHERE EXPOSED, TO MATCH ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
- SEE REFLECTED CEILING PLAN FOR CEILING FINISH INFORMATION.
- PAINT ALL DOOR AND RELITE FRAMES, NEW AND EXISTING, UNLESS NOTED OTHERWISE.
- SEE INTERIOR ELEVATIONS FOR FINISHES ON WALLS WITH MULTIPLE FINISHES.
- SEE INTERIOR ELEVATIONS, REFLECTED CEILING PLAN, AND INTERIOR DESIGN MATERIALS PLAN FOR EXTENT AND LOCATION OF ACETAL PAINT COLORS.
- FLOORING INSTALLATION TO COORDINATE WITH CASEWORK INSTALLATION.

CODED NOTES

- ① NEW FLOORING
- ② NEW CEILING
- ③ ADD ALTERNATE: PAINT ALL WALLS, WITH BARRISTER WHITE AND ACCENT WALLS

ABBREVIATIONS

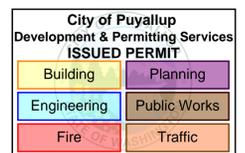
ADJ	ADJUSTABLE
AC	ACOUSTIC TREATMENT
ACC	ACCORDION DOOR
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES
AV	AUDIO/VISUAL
AWC	ACOUSTICAL WALLCOVERING
AWP	ACOUSTICAL WALL PANEL
BD	BOARD
BRK	BRICK
BROOM	LIGHT BROOM FINISH (CONCRETE)
CAB	CABINET
CG	CORNER GUARD
CLR	COLOR
CK	CORK
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CT	CERAMIC TILE
CS	CONCRETE, SEALED
CSV	COVERED SHEET VINYL
DF	DRINKING FOUNTAIN
(E)	EXISTING
EP	EPOXY PAINT
EX-S	EXPOSED STRUCTURE
FF	FACTORY FINISH
FIN	FINISH
FLR	FLOOR
FRP	FIBERGLASS REINFORCED PLASTIC
GMU	GLAZED MASONRY UNIT
GYP	GYP SUM WALL BOARD
GWB	GYP SUM WALLBOARD
MATL	MATERIAL
MDF	MEDIUM DENSITY FIBERBOARD
MTL	METAL
MTL-S	METAL SIDING
MASN	MASONRY
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OP	OPERABLE PARTITION
PLAM	PLASTIC LAMINATE
PL	PLASTIC LAMINATE
PLA	PLASTER
PNL	PANEL
PR(#)	PROJECTION SCREEN (LENGTH)
PT	PAINT
PTD	PAPER TOWEL DISPENSER
PWD	PLYWOOD
RB	RUBBER BASE
RF	RUBBER FLOORING
RC	ROLL-UP CURTAIN
SD	LIQUID SOAP DISPENSER
SEM	SURFACE-MOUNTED ENTRY MAT
SF	STOREFRONT
SV	SHEET VINYL
TB(#)	TACK BOARD (LENGTH)
TBS	TO BE SELECTED
TG	TONGUE & GROOVE CEDAR, STAINED
TP	TOILET PARTITION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UPT	UNGLAZED PORCELAIN TILE
V	VOLUME
VCT	VINYL COMPOSITION TILE
VP	VEENER PLASTER
VWC	VINYL WALLCOVERING
WB(#)	WHITE BOARD (LENGTH)
WD	WOOD
WOM	WALK OFF MAT
WRGW	WATER-RESISTANT GYP BD

MATERIALS LIST

- (ACT) ACOUSTICAL CEILING TILE - MATCH EXISTING, 24"x24"x3/4"
- (CG1) CORNER GUARD: CONSTRUCTION SPECIALTIES, 40" A.F.F. X 2" CORNER GUARD, 90 DEGREES, TO MATCH WALL CONDITION, COLOR - "ANTIQUÉ WHITE"
- (PNT-1) PAINT - WALL FIELD COLOR: MPI STANDARDS LOW VOC LATEX EGGSHELL FINISH: RHODDA, #19-05-909 "BARRISTER WHITE"
- (PNT-2) PAINT - ACCENT COLOR: MPI STANDARDS LOW VOC LATEX EGGSHELL FINISH: RHODDA, "DREAMING OF THE DAY"
- (SWC1) SYNTHETIC WALL COVERING #1: CONSTRUCTION SPECIALTIES RIGID SHEET WITH MATCHING TRIM (TOP CAP, VERTICAL DIVIDER BARS AND INSIDE CORNERS). COLOR - "ANTIQUÉ WHITE"
- (PL1) PLASTIC LAMINATE #1 - CASEWORK FACES (CABINETS/DRAWERS): MATCH EXISTING - "SAVANNAH" #SA07
- (SS1) SOLID SURFACE #1: CORIAN: "SAVANNAH" - ALL COUNTERTOPS & SILLS
- (SS2) SOLID SURFACE #2: CORIAN: "BISQUE" - ALL INTEGRAL SINKS
- (LVT) LUXURY VINYL TILE, TYPE 1-C, STANDARD #1, CLASS I: TEKNOFLOR, RARE PLANK, HPD #89003RP "AMERICAN WALNUT"
- (SV1) SHEET VINYL, TYPE 1, STANDARD #1, CLASS I: MANNINGTON PARADIGM, STREAMLINE, "FOUNDATION" #PD211
- (CPT1) CARPET: MOHAWK EXPEDITION LITHOSPHERE, COLOR #856 "SEDIMENT"
- (RB) 4.5" RUBBER BASE: ROPPE 700 SERIES - COLOR #193 "BLACK BROWN"
- (ICB) 6" INTEGRAL COVERED BASE - CONTINUOUS BEAD OF CAULK AT TOP SEAM
- (TG) 3/8" THICK FROSTED TEMPERED GLASS WITH FLAT POLISHED EDGES - AT EACH REGISTRATION DESK
- DOORS DOORS: MATCH EXISTING - SPECIES: WHITE MAPLE, COLOR: "SAVANNAH" #SA07

FUSION PARTNER SINGLE POINTS OF CONTACT INFO

FUSION Partner	Category	FUSION Contact	Email	Phone
Wood/AMEC	Civil & Enviro Eng	Andy Clark	andy.clark@woodplc.com	704.357.5630
Armstrong	Ceilings/Acoustics	Louis John	ljohn@armstrongceilings.com	407.697.6768
CertainTeed	Ceilings/Acoustics	Bernie Shalvey	Bernard.g.shalvey@saint-gobain.com	704.779.7337
RockFon	Ceilings/Acoustics	Diana Hart	Diana.hart@rockfon.com	860.338.6417
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Bohler	Civil & Enviro Engineering	Dan Duke	DDUKE@bohlerdc.com	703.431.0013
Tyco/Simplex/Metasys (Via JCI)	Fire & Safety, Bldg. Automation	Eric Eley	eric.l.eley@jci.com	336.402.4907
Milliken	Flooring	John McCrudden	John.McCrudden@milliken.com	201.306.2569
Shaw	Flooring	Eric Scherer	eric.scherer@shawinc.com	469.878.0759
Tarkett	Flooring	Frank Wiseman	Frank.Wiseman@tarkett.com	704.728.9552
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Herman Miller	Furniture	Amanda Ryland	amanda_ryland@hermanmiller.com	484.645.4818
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Trane	HVAC	Bill Collar	BCollar@trane.com	843.834.2016
York (via JCI)	HVAC	Eric Eley	eric.l.eley@jci.com	336.402.4907
GE Current	Lighting & Controls	Jeffrey Irish	Jeffrey.Irish@gecurrent.com	603.321.4935
SSR	MEP Engineering	Simon Gandica	sgandica@ssr-inc.com	832.570.6108
Syska Hennessy	MEP Engineering	Alex Myers	amyers@syska.com	704.910.8718
Suddath	Move Services	Bob Papuga	RPapuga@suddath.com	904.868.2168
Sherwin Williams	Paint & Coatings	Mark Spillman	Mark.D.Spillman@sherwin.com	216.906.6251
GAF	Roofing	Karyn Castro	karyn.castro@gaf.com	562.412.8154
Johns Manville	Roofing	Brad Burdick	Brad.Burdick@jm.com	303.809.4519
TISA Global	Signage	Nate Doney	ndoney@tisaglobal.com	503.327.5943

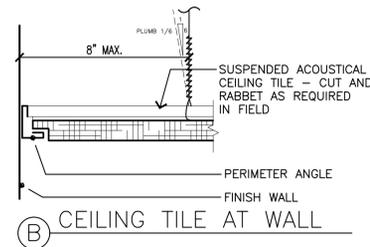
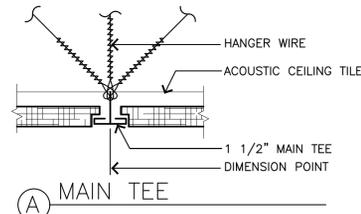


OWNER:  
**MultiCare**  
**BetterConnected**  
 PROJECT NAME:  
**MultiCare**  
**GSMOB**  
**Women's**  
**Clinic T.I.**  
 1450 5th St SE  
 Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/14/2022	PERMIT SUBMITTAL #1
1	8/11/2022	REVISION #1
2	9/1/2022	REVISION #2
3	9/15/2022	PERMIT RESUBMITTAL
4	10/27/2022	PERMIT RESUBMITTAL

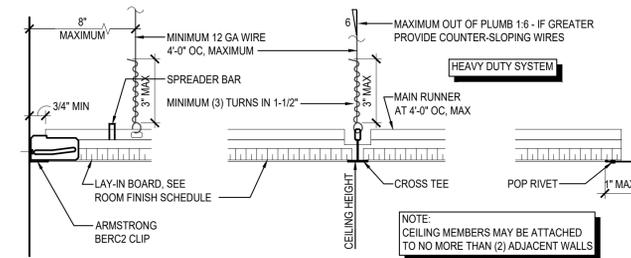
PROJECT NO. 31241  
 DRAWN BY: K. LANGLOIS  
 DATE: 14 JULY 2022  
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SHEET TITLE:  
**FINISH SCHEDULE**  
 SHEET #:  
**A7.1**

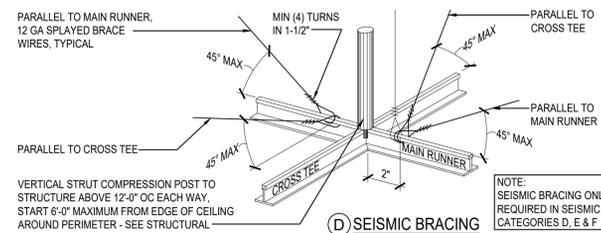


14 ACOUSTICAL CEILING - TYPICAL  
SCALE: 1-1/2" = 1'-0"

- INTERIOR PARTITION TYPE 1: NR  
 5/8" Type 'X' GWB to 12" above finished ceiling  
 3-5/8" metal studs @ 16" o.c. to 12" above finished ceiling  
 Sound attenuation batts to fill call cavity  
 5/8" Type 'X' GWB to 12" above finished ceiling  
 Brace walls to deck above
- FURRING PARTITION TYPE 2: NR  
 3-5/8" metal studs @ 16" o.c. to 12" above finished ceiling  
 Sound attenuation batts to fill call cavity  
 5/8" Type 'X' GWB to 12" above finished ceiling  
 Brace walls to deck above



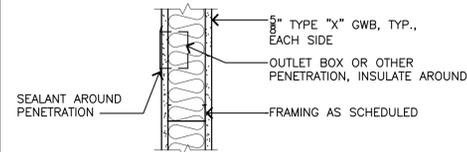
A UNATTACHED WALL B MAIN RUNNERS & CROSS TEES C ATTACHED WALL



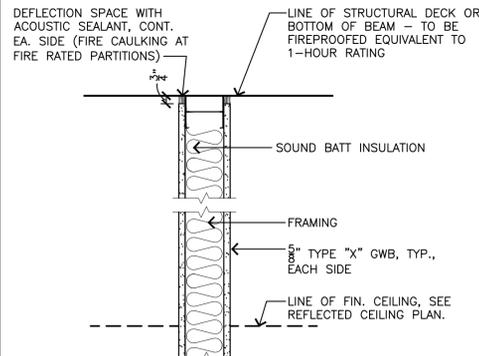
13 DETAIL AT CEILING TEE  
SCALE: 1-1/2" = 1'-0"

GENERAL WALL TYPE NOTES

- ALL WALL SUBSTRATES AND SHEATHINGS EXTEND TO DECK ABOVE UNO.
- PROVIDE FLOOR OR ROOF ACOUSTICAL INSULATION IN ALL INTERIOR FRAMED WALLS AND FLOOR/CEILING ASSEMBLIES UNO.
- ACOUSTICAL INSULATION NOT REQUIRED AT PARTIAL HEIGHT AND PARTIAL LENGTH (STUB) WALLS BETWEEN STORAGE ROOMS, WALLS BETWEEN STORAGE ROOMS AND HALLWAYS, ELECTRICAL ROOMS, OR OTHER STORAGE ROOM
- ANY PENETRATION THROUGH A RATED WALL, INCLUDING THOSE FOR PIPES, CONDUITS, AND DUCTS SHALL BE FIRE CAULKED. SEE MECH./ELEC. DRAWINGS FOR ITEMS THAT PENETRATE.
- TYPICAL INTERIOR WALL TYPE IS TYPE '1', UNO. TYPICAL INTERIOR WALL IS NOT FLAGGED, EXCEPT FOR CLARITY.
- ALL STUD FRAMING AND FURRING 16" O.C. UNO.
- A WALL TYPE CONTINUES THE FULL ROOM LENGTH, INCLUDING ANY JOGS, ANGLES, RECESSES, OR STUB WALLS, UNO. ANY WALL SEGMENT NOT FLAGGED IS TO BE CONSTRUCTED PER THE ADJACENT WALL OR NEAREST FLAGGED WALL, UNLESS SHOWN OTHERWISE.
- WHERE DIFFERENT STUD SIZES / LAYERS OF SHTHG OCCUR ALONG A CORRIDOR/HALLWAY WALL, IT IS INTENDED THAT THE CORRIDOR SIDES ALIGN UNO.
- ALL GWB SURFACES AND MASONRY TO BE PREPARED FOR PAINT GRADE FINISH UNO.
- SEE INTERIOR ELEVATIONS FOR LOCATIONS OF P-LAM MDF, ACOUSTICAL PANELS OR OTHER APPLIED WALL FINISHES.
- USE WATER RESISTANT GYP. BD IN MOISTURE PRONE AREAS



7 PARTITION - TYPICAL PENETRATIONS  
SCALE: 1-1/2" = 1'-0"



2 FULL HEIGHT PARTITION  
SCALE: 1-1/2" = 1'-0"

- LATERAL FORCE BRACING:
- Provide lateral force bracing at 12'-0" o.c. (maximum) and begin no farther than 6 feet from walls
  - Seismic splay wires are to be four 12-gauge wires attached to the main beam. Wires are arrayed 90 degrees from each other and at an angle not exceeding 45 degrees from the plane of the ceiling.
  - Seismic splay wires shall be attached to the grid and to the structure in such a manner that they can support a design load of not less than 200 pounds or the actual design load, with a safety factor of 2, whichever is greater
  - "Powder-driven shot-in-anchors"(PAFs), when used for seismic application as part of the prescriptive path in seismic design categories D, E and F, shall have an ICC-ES approval for the seismic applications and shall require "special inspection" irrespective of the type of occupancy category the structure is in. PAF anchors for kicker wires (splayed wires installed for purposes other than seismic restraint) are exempt from this requirement.
  - Splay wires are to be within 2 inches of the connection of the vertical strut to suspend ceiling.
  - Rigid bracing may be used in lieu of splay wires.
  - Vertical struts must be positively attached to the suspension systems and the structure above.
  - The vertical strut may be EMT conduit, metal studs or a proprietary compression post.

- WALL MOLDINGS:
- Wall moldings (perimeter closure angles) are required to have a horizontal flange 2 inches wide. One end of the ceiling grid shall be attached to the wall molding, the other end shall have a 1/2 inch clearance from the wall and free to the side.
  - Where substantiating documentation has been provided to the local jurisdiction, perimeter clips may be used to satisfy the requirements for the 2-inch closure angle.
  - The grid shall be attached at two adjacent walls (pop rivets or approve method). Soffits extending to a point at least level with the bottom plane of the grid and independently supported and laterally braced to the structure above are deemed to be equivalent to walls.

- SPREADER BARS:
- Spreader (spacer) bars shall be used to prevent the ends of the main beams and cross tees at perimeter walls from spreading open during a seismic event. Perimeter wires shall not be in lieu of spreader bars.
  - Spreader bars are not required at perimeters where runners are attached directly to closure angles.
  - Wire tying is an acceptable alternative to spreader bars.
  - Spreader bars are not required if a 90 degree intersecting cross or main is within 8 inches of a perimeter wall.
  - Where substantiating documentation has been provided to the local jurisdiction, perimeter clips may be used to satisfy the requirements for spreader bars.

SEISMIC SEPARATION JOINTS: Not Applicable

- SPRINKLERS:
- For ceilings without rigid bracing, sprinkler head penetrations shall have a 2 inch oversize ring, sleeve or adapter through the ceiling tile to allow free movement of at least 1 inch in all horizontal directions. Flexible head design that can accommodate 1 inch free movement shall be permitted as an alternate.

MECHANICAL SERVICES:

- Terminals or services weighing 20 pounds, but not more than 56 pounds, must have two 12 gauge wires connecting them to the ceiling system hangers or the structure above. These wires may be slack.
- Terminals or services weighing more than 56 pounds must be independently supported directly to the structure above. These wires must be taut.

ELECTRICAL FIXTURES:

- Light fixtures weighing less than 10 pounds shall have one 12 gauge hanger wire connected from the fixture to the structure above. This wire may be slack.
- Light fixtures weighing more than 10 pounds and less than 56 pounds shall have two 12 gauge wires attached at opposing corners of the light fixture to the structure above. These wires must be taut.
- Pendant mounted fixtures shall be directly attached from the structure above using a 9 gauge wire or an approved alternate support without using the ceiling suspension system for direct support.
- Tandem fixtures may utilize common wires.

HANGER (SUSPENSION) WIRES:

- Hanger and perimeter wires must be plumb within 1 in 6 unless counter sloping wires are provided.
- Hanger wires shall be 12 gauge and spaced 4 feet on center or 10 gauge and spaced 5 feet on center.
- Any connection device at the supporting construction shall be capable of carrying not less than 100 pounds.
- Powder-driven shot-in anchors (PAFs) are an approved method of attachment for hanger wires.
- Terminal ends at each main beam and cross tee must be supported within 8 inches of each wall with a perimeter wire.
- Wires shall not attach or bend around interfering material or equipment. A trapeze or equivalent device shall be used where obstructions preclude direct suspension. Trapeze suspensions shall be a minimum of back-to-back 1 1/2 inch cold-rolled channels for spans exceeding 48 inches.

SEISMIC BRACING ONLY REQUIRED IN SEISMIC CATEGORIES D, E & F

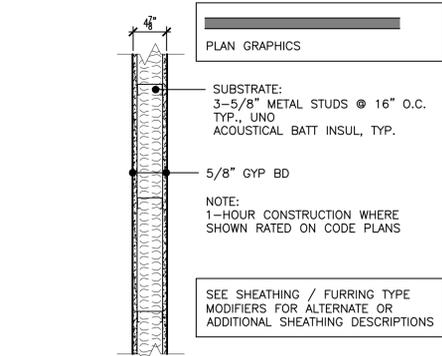
NOTE: DO NOT LOCATE OUTLETS/BOXES BACK-TO-BACK

NOTE: SEALANT/CAULKING USED FOR ACOUSTIC PURPOSES MUST BE RATED FOR SUCH USE.

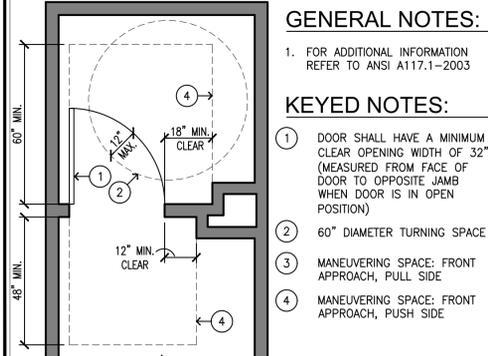
NOTE: 1-HOUR CONSTRUCTION WHERE SHOWN RATED ON CODE PLANS

SEE SHEATHING / FURRING TYPE MODIFIERS FOR ALTERNATE OR ADDITIONAL SHEATHING DESCRIPTIONS

6 PARTITION - TYPICAL SILL  
SCALE: 1-1/2" = 1'-0"



1 TYPICAL INTERIOR WALL  
SCALE: 1" = 1'-0"



5 ADA DOOR - MANEUVERING SPACE  
SCALE: 3/8" = 1'-0"

4 WALL TYPES  
SCALE: 1/2" = 1'-0"

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

GENERAL NOTES:

- FOR ADDITIONAL INFORMATION REFER TO ANSI A117.1-2003

KEYED NOTES:

- DOOR SHALL HAVE A MINIMUM CLEAR OPENING WIDTH OF 32" (MEASURED FROM FACE OF DOOR TO OPPOSITE JAMB WHEN DOOR IS IN OPEN POSITION)
- 60" DIAMETER TURNING SPACE
- MANEUVERING SPACE: FRONT APPROACH, PULL SIDE
- MANEUVERING SPACE: FRONT APPROACH, PUSH SIDE

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206-601-6645

8466 REGISTERED ARCHITECT  
Karsa M. Langlois  
Karsa M. Langlois  
STATE OF WASHINGTON

OWNER:  
MultiCare  
BetterConnected

PROJECT NAME:  
MultiCare  
GSMOB  
Women's  
Clinic T.I.

1450 5th St SE  
Puyallup, WA 98372

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PROJECT NO. 31241

DRAWN BY: K. LANGLOIS

DATE: 14 JULY 2022

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InSight Healthcare Architecture

SHEET TITLE:

WALL TYPES,  
DETAILS

SHEET #:

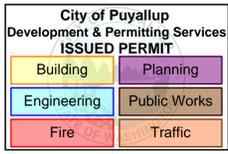
A8.0



GENERAL LEGEND	
SYMBOL	DESCRIPTION
	DETAIL SYMBOL: A = IDENTIFYING NUMBER B = SHEET WHERE DETAIL IS SHOWN
	DETAIL SYMBOL: A = IDENTIFYING NUMBER B = SHEET WHERE DETAIL IS TAKEN C = SHEET WHERE DETAIL IS SHOWN
	SECTION SYMBOL: A = IDENTIFYING LETTER B = SHEET WHERE SECTION IS SHOWN
	SECTION SYMBOL: A = IDENTIFYING LETTER B = SHEET WHERE SECTION IS TAKEN C = SHEET WHERE SECTION IS SHOWN
	SECTION CUT LINE INDICATOR
	KEYED REFERENCE NOTE OR SHEET NOTE
	POINT OF CONNECTION (POC) SYMBOL
	PLUMBING FIXTURE REFERENCE (REFER TO SCHEDULE)
	EQUIPMENT IDENTIFICATION (REFER TO SCHEDULES)
	MEDICAL GAS OUTLET IDENTIFICATION (REFER TO SCHEDULE)
	MEDICAL GAS ZONE VALVE STATION MOUNTED IN WALL
	MEDICAL GAS ALARM PANEL MOUNTED IN WALL
	MEDICAL GAS OUTLET
	REVISION CLOUD AND REVISION NUMBER
	BINARY (YES/NO) SENSING SWITCH (PIPE OR DUCT MOUNTED)
	BINARY (YES/NO) SENSING SWITCH (SURFACE MOUNTED)
	ANALOG SENSING DEVICE (PIPE OR DUCT MOUNTED)
	ANALOG SENSING DEVICE (SURFACE MOUNTED)
	ANALOG SENSING DEVICE (SURFACE MOUNTED) (APPROPRIATE FOR MEASURED FLUID) SUBSCRIPT LETTER (X) INDICATES:
	A - ALARM PRESSURE SENSOR D - DIFFERENTIAL PRESSURE F - FLOW RATE H - HUMIDITY L - LOW LIMIT P - PRESSURE (STATIC) T - TEMPERATURE V - VELOCITY & VOLUME FLOW RATE

ABBREVIATIONS			
ABBR	DESCRIPTION	ABBR	DESCRIPTION
ABV	ABOVE	L	LENGTH
AD	ACCESS DOOR	LBS	LEAVING AIR TEMPERATURE
AHU	AIR HANDLING UNIT	LF	LINEAR FOOT/FEET
AL	ACOUSTIC LINED	LVG	LEAVING
AP	ACCESS PANEL	LWG	LOW WALL GRILLE
APD	AIR PRESSURE DROP	LWR	LOW WALL REGISTER
ARCH	ARCHITECT/ARCHITECTURAL	LWT	LEAVING WATER TEMPERATURE
ARV	AUTOMATIC RELIEF VALVE or ACID RESISTANT VENT	MAX	MAXIMUM
ARW	ACID RESISTANT WASTE	MBH	1000 BRITISH THERMAL UNITS PER HOUR
BDD	BACKDRAFT DAMPER	MCC	MOTOR CONTROL CENTER
BFP	BACKFLOW PREVENTER	MECH	MECHANICAL
BHP	BRAKE HORSEPOWER	MFR	MANUFACTURER
BG	BELOW GROUND	MIN	MINIMUM
BJ	BETWEEN JOISTS	MISC	MISCELLANEOUS
BTU	BRITISH THERMAL UNIT	MTD	MOUNTED
BTUH	BRITISH THERMAL UNITS PER HOUR	MTG	MOUNTING
C	CENTIGRADE	N/A	NOT APPLICABLE
CC	COOLING COIL	N/C	NORMALLY CLOSED
CD	CEILING DIFFUSER	N/O	NORMALLY OPEN
CFM	CUBIC FEET PER MINUTE	NC	NOISE CRITERIA
CG	CEILING GRILLE	NIC	NOT IN CONTRACT
CI	CAST IRON	NTS	NOT TO SCALE
CLG	CEILING	OA	OUTSIDE AIR
CO	CLEANOUT	OBD	OPPOSED BLADE DAMPER
CONC	CONCRETE	O/C	ON CENTER
CONN	CONNECT or CONNECTION	OD	OUTSIDE DIAMETER
CONST	CONSTRUCTION	OPNG	OPENING
CONT	CONTINUATION	PCV	PRESSURE CONTROL VALVE
CR	CONDENSATE RETURN	PD	PRESSURE DROP
DB	DECIBEL or DRY BULB	PH	PHASE
DDC	DIRECT DIGITAL CONTROL	PH or Ø	PHASE PLACES
DIA	DIAMETER	PLCS	PLACES
DIM	DIMENSION	POC	POINT OF CONNECTION
DN	DOWN	POIA	POINT OF USE ALARM
DPR	DAMPER	PRV	PRESSURE REDUCING VALVE
DWG	DRAWING	PSI	POUNDS PER SQUARE INCH
E-100	EXHAUST AIR NUMBER INDICATES CFM QUANTITY	PSIG	POUNDS PER SQUARE INCH GAGE
EA	EACH	R-100	RETURN AIR NUMBER INDICATES CFM QUANTITY
EAT	ENTERING AIR TEMPERATURE	RA	RETURN AIR
EF	EXHAUST FAN	RAG	RETURN AIR GRILLE
EG	EXHAUST GRILLE	REQD	REQUIRED
ELEC	ELECTRIC or ELECTRICAL	RFBP	REDUCED PRESSURE BACKFLOW PREVENTOR
ELEV	ELEVATION	RPM	REVOLUTIONS PER MINUTE
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM	SA-100	SUPPLY AIR NUMBER INDICATES CFM QUANTITY
ESP	EXTERNAL STATIC PRESSURE	S	SHEET
EWT	ENTERING WATER TEMPERATURE	SF	SUPPLY FAN
EXH	EXHAUST	SHT	SHEET
EXST or (E)	EXISTING	SIM	SIMILAR
F	FAHRENHEIT	SP	STATIC PRESSURE
FA	FACE AREA	SQ	SQUARE
FCO	FLOOR CLEANOUT	SQ FT	SQUARE FOOT/FEET
FCU	FAN COIL UNIT	SS	STAINLESS STEEL
FD	FLOOR DRAIN	STD	STANDARD
FDPR	FIRE DAMPER	THK	THICK
FFD	FUNNEL FLOOR DRAIN	TP	TRAP PRIMER or TEST PLUG
FF	FINAL FILTER	TYP	TYPICAL
FLR	FLOOR	TU	TERMINAL UNIT
FPM	FEET PER MINUTE	UBC	UNIFORM BUILDING CODE
FPS	FEET PER SECOND	UFC	UNIFORM FIRE CODE
FT	FOOT/FEET	UMC	UNIFORM MECHANICAL CODE
FV	FACE VELOCITY	UPC	UNIFORM PLUMBING CODE
GA	GAGE or GAUGE	UG	UNDERGROUND
GAL	GALLON	UH	UNIT HEATER
GALV	GALVANIZED	VA	VALVE
GPH	GALLONS PER HOUR	VAC	VACUUM
GPM	GALLONS PER MINUTE	VAV	VARIABLE AIR VOLUME
H	HEIGHT	VD	VOLUME DAMPER
HD	HEAD	VEL	VELOCITY
HP	HORSEPOWER	VFD	VARIABLE FREQUENCY DRIVE
HTG	HEATING	VTR	VENT THRU ROOF
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	W	WIDE
HWG	HIGH WALL GRILLE	W/	WITH
HWR	HIGH WALL REGISTER	W/O	WITHOUT
HZ	HERTZ	WB	WET BULB
ID	INSIDE DIAMETER	WCO	WALL CLEANOUT
IE	INVERT ELEVATION	WG	WATER GAGE
IN	INCH or INCHES	WGE	WASTE GAS EVACUATION
INSUL	INSULATION	WPD	WATER PRESSURE DROP
INV	INVERT	WT	WEIGHT
KW	KILOWATT		
KWH	KILOWATT HOUR		

AIR DISTRIBUTION LEGEND		
SYMBOL	ABBR	DESCRIPTION
		LIGHT LINework INDICATES EXISTING DUCT OR EQUIPMENT
		INDICATES DUCT OR EQUIPMENT TO BE REMOVED
		DUCT SIZE IN INCHES FIRST SIZE LISTED IS SIDE SHOWN
		ACUSTIC LINED DUCT
	R	DUCT OFFSET (UP) IN DIRECTION OF ARROW (NOT TYPICALLY SHOWN)
	D	DUCT OFFSET (DN) IN DIRECTION OF ARROW (NOT TYPICALLY SHOWN)
		ROUND DUCT IN INCHES
		OVAL DUCT IN INCHES
		CHANGE OF DUCT SIZE
		CHANGE OF DUCT SIZE (TRIANGLE NOT ALWAYS SHOWN)
		RECTANGULAR SUPPLY DUCT ELBOW TURNED UP
		RECTANGULAR SUPPLY DUCT ELBOW TURNED DOWN OR AWAY
		RECTANGULAR RETURN/EXHAUST DUCT ELBOW TURNED UP
		RECTANGULAR RETURN/EXHAUST DUCT ELBOW TURNED DOWN OR AWAY
		SMALL RECTANGULAR DUCT ELBOW TURNED DOWN OR AWAY
		ROUND DUCT ELBOW TURNED UP
		ROUND DUCT ELBOW TURNED DOWN OR AWAY
		END OF DUCT WITH CAP (UNLESS INDICATED OTHERWISE)
	FLEX	FLEXIBLE DUCT
	AD	DUCT ACCESS DOOR
	VD	VOLUME DAMPER



DRAWING INDEX	
SHEET NUMBER	DESCRIPTION
M0.1	COVER SHEET, GENERAL NOTES, & INDEX
M0.2	SCHEDULES
M1.1	THIRD FLOOR HVAC PLAN - DEMO
M1.2	THIRD FLOOR HVAC PLAN
M3.1	DETAILS

### GENERAL NOTES

- PIPE AND DUCT SIZES: WHERE A SECTION OF PIPE OR DUCT BETWEEN TAKEOFFS DOES NOT HAVE A SIZE INDICATED, IT SHALL BE SAME SIZE AS SECTION UPSTREAM (DOWNSTREAM FOR EXHAUST AND RETURN DUCTS). IN GENERAL, AS VOLUME FLOW RATE DECREASES, PIPE OR DUCT SIZE SHALL REMAIN LARGE UNTIL A SMALLER SIZE IS INDICATED. NOTE THAT SOME PIPE AND DUCT SIZES ARE INDICATED ON ASSOCIATED DEVICE SCHEDULE.
- CEILING COORDINATION: REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELECTRICAL PLANS. COORDINATE LOCATION OF DIFFUSERS, CEILING GRILLES, SPRINKLER HEADS, ETC. WITH OTHER CEILING ELEMENTS. VALVES, FIRE DAMPERS, HEATING AND COOLING COILS, AND OTHER SERVICEABLE ITEMS ABOVE THE CEILING SHALL BE LOCATED SO AS TO BE READILY ACCESSIBLE FROM REMOVABLE CEILING PANELS OR ACCESS DOORS. IF REMOVABLE PANELS OR ACCESS DOORS ARE NOT CONVENIENT, CONTACT ARCHITECT FOR DIRECTION PRIOR TO INSTALLING SERVICEABLE ITEMS.
- WALL MOUNTED ITEMS: REFER TO ARCHITECTURAL PLANS AND WALL ELEVATIONS FOR EXACT LOCATIONS OF PLUMBING FIXTURES, AND OTHER WALL MOUNTED OR COUNTER MOUNTED MECHANICAL ITEMS.
- OFFSETS: PLANS ARE DIAGRAMMATIC IN NATURE AND DO NOT ATTEMPT TO SHOW EXACT LOCATIONS OF DUCTWORK AND PIPING NOR DO THEY SHOW ALL OFFSETS THAT WILL BE REQUIRED FOR INSTALLATION. IN MANY CASES, OFFSETS WILL REQUIRE SIGNIFICANT ADDITIONAL LENGTHS OF PIPE OR DUCT AND ADDITIONAL FITTINGS, PARTICULARLY IN AREAS WHERE OTHER MEP DISTRIBUTION EXISTS IN UNKNOWN LOCATIONS, SUCH AS IN THE EXISTING TENANT SPACE BELOW. PROVIDE ALL NEEDED OFFSETS WITHOUT ADDED COMPENSATION. PERFORM FIELD INVESTIGATION AND COORDINATE WITH OTHER TRADES PRIOR TO FABRICATION OF DUCTWORK AND PIPING.
- CLEANOUTS: PLUMBING CLEANOUT LOCATIONS ARE NOT ALWAYS ESTABLISHED ON THE PLANS IN ORDER TO GIVE THE PLUMBER FLEXIBILITY TO LOCATE PLUMBING CLEANOUTS IN THE MOST ACCESSIBLE AREAS. AS A MINIMUM, PROVIDE CLEANOUTS AS REQUIRED BY THE UNIFORM PLUMBING CODE. CLEANOUTS THAT MUST BE INSTALLED IN PIPES THAT ARE IN DIFFICULT TO ACCESS AREAS SHALL BE EITHER WALL OR FLOOR CLEANOUTS SERVICED FROM THE FLOOR ABOVE. FLOOR CLEANOUTS SHALL BE LOCATED SO AS TO BE SERVICED FROM CORRIDORS, TOILETS OR JANITOR ROOMS WHEREVER POSSIBLE.
- PIPE AND EQUIPMENT IDENTIFICATION: PROVIDE PIPE, EQUIPMENT, AND VALVE LABELING.
- TRAP PRIMERS AND ARRESTORS: TRAP PRIMER ACTUATORS AND WATER HAMMER ARRESTORS SHALL BE LOCATED TO BE ACCESSIBLE EITHER THROUGH ACCESSIBLE CEILING OR WALL ACCESS DOORS, REFER TO SPECIFICATION FOR WHERE ARRESTORS NEED TO BE LOCATED.
- PIPING, DUCTWORK AND EQUIPMENT ANCHORAGE: PROVIDE SEISMIC RESTRAINTS AND ANCHORAGE PER SPECIFICATIONS AND THE INTERNATIONAL BUILDING CODE.
- HANDICAP FIXTURES: PLUMBING FIXTURES AND TRIM IN HANDICAP ACCESSIBLE AREAS SHALL COMPLY WITH ADA STANDARDS AS WELL AS STATE AND LOCAL CODES.
- ELECTRICAL CLEARANCES: COORDINATE WITH ALL TRADES TO MAINTAIN ELECTRICAL SERVICE CLEARANCE (PER NATIONAL ELECTRIC CODE) FOR MECHANICAL EQUIPMENT.

### ENERGY CODE NOTES

- EQUIPMENT EFFICIENCIES AND CAPACITIES: SEE EQUIPMENT SCHEDULES.
- THERMOSTATIC CONTROL AND DEADBAND: PROVIDED WITH SETPOINT, AND DEADBAND CONTROLS AS PER C403.2.4.1. THIS INCLUDES CONTROLLING NEIGHBORING OPEN ZONES TP HAVE SETPOINTS AND DEADBANDS COORDINATED SO THAT COOLING IN ADJACENT ZONES SHALL NOT OPERATE UNTIL THE ADJACENT ZONE TEMPERATURE IS 5°F HIGHER THAN PERIMETER TEMPERATURE.
- PROVIDE DDC CONTROLS IN ACCORDANCE WITH C403.2.4.12 2015 WASHINGTON STATE ENERGY CODE.
- OFF-HOUR CONTROLS: PROVIDED WITH THERMOSTATIC SETBACK, AUTOMATIC SETBACK AND SHUT-DOWN, AND AUTOMATIC START AS PER C403.2.4.2 2015 WASHINGTON STATE ENERGY CODE.
- AUTOMATIC (MOTORIZED) DAMPERS AT OUTSIDE AIR INTAKES, EXHAUST OUTLETS, AND RELIEF OUTLETS. DAMPERS TO COMPLY WITH C403.2.4.3 2015 WASHINGTON STATE ENERGY CODE DAMPER LEAKAGE RATES SHALL NOT EXCEED 4 CFM / SQ.FT. AT 1.0" W.G. FOR MOTORIZED DAMPERS OR 20 CFM / SQ.FT. AT 1.0" W.G. FOR NONMOTORIZED DAMPERS, EXCEPT NONMOTORIZED DAMPERS SMALLER THAN 24" IN EITHER DIMENSION WHERE THE MAXIMUM ALLOWABLE LEAKAGE RATE IS 40 CFM / SQ.FT.
- ECONOMIZER FAULT DETECTION: IN ACCORDANCE WITH C403.2.4.7, PROVIDE ECONOMIZER FAULT DETECTION AND DIAGNOSTICS ON REQUIRED EQUIPMENT
- HEAT PUMP (UNITARY, AIR COOLED) MICROPROCESSOR CONTROLS: PROVIDED PER WASHINGTON STATE ENERGY CODE SECTION C403.2.4.1.1
- FREEZE PROTECTION CONTROL SYSTEMS: FREEZE PROTECTION SYSTEMS, SUCH AS HEAT TRACE, SHALL INCLUDE AUTOMATIC SHUT-OFF WHEN OSA IS ABOVE 40°F PER C403.2.4.6
- BALANCING DAMPERS, VALVES, AND ASSOCIATED TESTING AND ADJUSTING EQUIPMENT ARE SHOWN ON THE HVAC, PLUMBING, AND PIPING DIAGRAMS.
- AIR ECONOMIZERS: SEE EQUIPMENT SCHEDULES. INTEGRATED ECONOMIZER CONTROLS TO BE PER C403.3.1. ECONOMIZER TO NOT INCREASE BUILDING HEATING. HIGH-LIMIT SHUT-OFF TO BE PER ENERGY CODE TABLE C403.3.3.3
- DUCT SEALING: SEE 'DUCT CONSTRUCTION AND SEALING REQUIREMENTS'
- DUCT AND PIPING INSULATION: SEE 'INSULATION REQUIREMENTS' ON SHEET(S) M0.01
- PROVIDE AS-BUILT RECORD DRAWINGS AND OPERATING AND MAINTENANCE MANUALS AS SPECIFIED AND AS REQUIRED BY SECTION C103.6 OF THE 2015 WASHINGTON STATE ENERGY CODE
- PROVIDE MECHANICAL SYSTEMS COMMISSIONING (INCLUDES COMMISSIONING PLAN AND REPORTS) FOR ALL SYSTEMS PER SPECIFICATIONS AND SECTION 408 OF THE 2015 WASHINGTON STATE ENERGY CODE. BALANCING SUBCONTRACTOR SHALL BE NEBB OR ABC MEMBER. BALANCING CONTRACTOR SHALL BE CONTRACTED WITH THE OWNER. COMPLETED COMMISSIONING REPORT SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER.

### INSULATION REQUIREMENTS

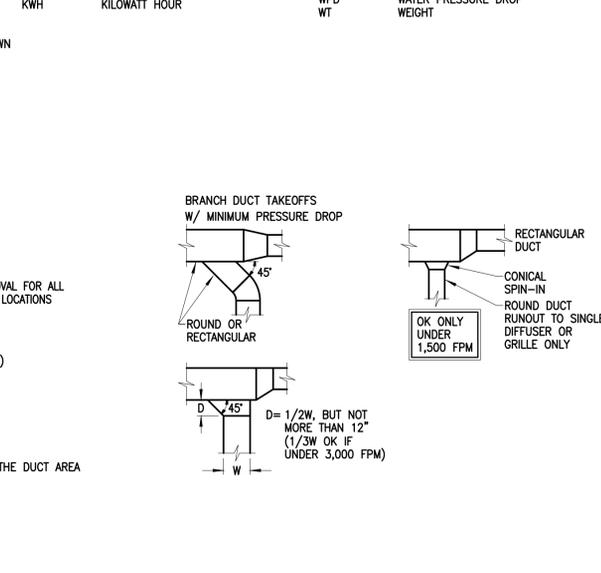
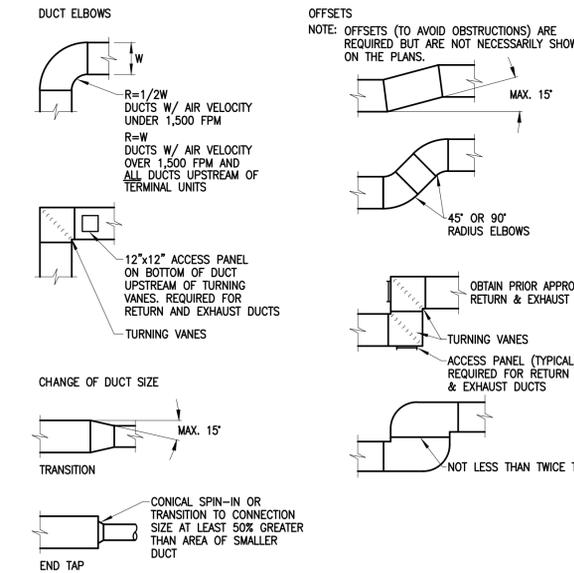
- PIPE INSULATION REQUIREMENTS:**  
DOMESTIC COLD WATER: 1/2" THICK ON 1" DIAMETER PIPE AND SMALLER. 1" THICK ON ALL PIPING LARGER THAN 1" DIAMETER.  
DOMESTIC HOT WATER: 1" THICK ON 2" DIAMETER PIPING AND SMALLER. 1-1/2" THICK ON ALL PIPING OVER 2" DIAMETER. 1/2" INSULATION ACCEPTABLE ON RUNOUTS UP TO 8 FEET IN LENGTH ROUTED IN WALLS TO PLUMBING FIXTURES.
- DUCT INSULATION REQUIREMENTS:**  
SUPPLY DUCTS: R-3.3 INSULATION FOR ALL SUPPLY DUCTS WITHIN THE BUILDING ENVELOPE. R-8 INSULATION FOR OUTDOOR DUCTS OR DUCTS WITH OUTDOOR AIR. R-6 FOR DUCTS IN UNCONDITIONED SPACES.  
RETURN DUCTS (ALL DUCTS TRAVELING FROM SPACE BACK TO AN AIR HANDLER): R-8 INSULATION FOR OUTDOOR DUCTS AND R-6 FOR DUCTS IN UNCONDITIONED SPACES.  
ALL EXTERIOR DUCTS TO BE CLAD WITH ALUMINUM.
- EXPOSED PLENUMS IN MECHANICAL ROOMS:**  
SAME AS DUCTWORK, EXCEPT USE RIGID INSULATION BOARD WITH KRAFT BARRIER.

### DUCT CONSTRUCTION AND SEALING REQUIREMENTS

- SUPPLY DUCTWORK FROM AIR HANDLER TO TERMINAL UNITS**  
2" STATIC PRESSURE CLASS WITH ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL PENETRATIONS SEALED (SMACNA SEAL CLASS A). SPIRAL LOCK SEAMS IN ROUND AND FLAT OVAL DUCTWORK DO NOT REQUIRE SEALING.
- SUPPLY DUCTWORK DOWNSTREAM OF TERMINAL UNITS:**  
1" STATIC PRESSURE CLASS WITH ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL PENETRATIONS SEALED (SMACNA SEAL CLASS A). SPIRAL LOCK SEAMS IN ROUND AND FLAT OVAL DUCTWORK DO NOT REQUIRE SEALING.
- EXHAUST AND RETURN DUCTWORK:**  
2" STATIC PRESSURE CLASS WITH ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL PENETRATIONS SEALED (SMACNA SEAL CLASS A). 1" PRESSURE CLASS ACCEPTABLE BETWEEN GRILLES AND FIRST DAMPER.

### DUCT FITTING REQUIREMENTS

THE FOLLOWING DUCT FITTINGS ARE CONSIDERED ACCEPTABLE. THE CONTRACTOR SHALL OBTAIN ENGINEER'S APPROVAL FOR OTHER FITTINGS PRIOR TO FABRICATION. ONLY FITTINGS WITH EQUAL OR LOWER PRESSURE DROP WILL BE CONSIDERED.



**COFFMAN ENGINEERS**  
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ph 206.623.0717  
www.coffman.com

OWNER:  
**MultiCare**  
Better Connected

PROJECT NAME:  
**MultiCare GSMOB Women's Clinic T.I.**

1450 5th St SE  
Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/14/2022	PERMIT SUBMITTAL #1
1	08/19/2022	REV #1
2	10/27/2022	PERMIT RESUBMITTAL

PROJECT NO. 220992  
DRAWN BY: CEI  
DATE: 27 OCT 2022  
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SHEET TITLE:  
**COVER SHEET, GENERAL NOTES, & INDEX**

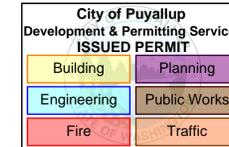
SHEET #:  
**M0.1**

HEALTHCARE AIR CHANGE RATES															
AREA SERVED	FUNCTION OF SPACE	FLOOR AREA (SQ. FT.)	ROOM HEIGHT (FT.)	ROOM VOLUME (CU. FT.)	ASHRAE 170 REQUIREMENTS				DESIGN AIRFLOW CONDITIONS						
					PRESSURE RELATIONSHIP	OUTSIDE AIR		TOTAL		PRESSURE RELATIONSHIP	OUTSIDE AIR (CFM)	SUPPLY (CFM)	EXHAUST (CFM)	RETURN (CFM)	TOTAL AIR CHANGES (AC/HR)
						MIN. AIR CHANGES (AC/HR)	MIN. AIR FLOW (CFM)	MIN. AIR CHANGES (AC/HR)	MIN. AIR FLOW (CFM)						
EXAM 3	EXAM ROOM	113	9.5	1074	-	2	36	6.0	107	-	39	140	-	-	7.8
EXAM 4	EXAM ROOM	93	9.5	884	-	2	29	6.0	88	-	31	110	-	-	7.5
EXAM 5	EXAM ROOM	104	9.5	988	-	2	33	6.0	99	-	36	130	-	-	7.9
EXAM 6	EXAM ROOM	116	9.5	1102	-	2	37	6.0	110	-	39	140	-	-	7.6
EXAM 7	EXAM ROOM	95	9.5	903	-	2	30	6.0	90	-	32	115	-	-	7.6
EXAM 8	EXAM ROOM	95	9.5	903	-	2	30	6.0	90	-	32	115	-	-	7.6
EXAM 9	EXAM ROOM	107	9.5	1017	-	2	34	6.0	102	-	36	130	-	-	7.7
SOILED	SOILED	91	9.5	865	N	2	29	10.0	144	N	32	115	190	-	13.2
CORRIDOR	PATIENT CORRIDOR	342	9.5	3249	-	0	0	2.0	108	-	32	115	-	-	2.1
PATIENT TOILET	PATIENT TOILET	55	10	523	N	0	0	10.0	87	N	-	-	95	-	10.9

VAV TERMINAL UNIT SCHEDULE										
UNIT NO.	BASIS OF DESIGN	SERVICE	VAV DUCT SIZE	MAX. CFM	MIN. CFM	EAT	LAT	ELECTRIC HEATING		REMARKS
								V/PH	KW	
VAV-1/3-14	TRANE VCEF	EXAM ROOMS/SOILED	10	495	495	55	95	208/1	6.5	ALL
(E) VAV-1/3-1	TRANE	EXAM/CORRIDOR	8	255	255	55	90	208/1	3.5	2,3,4,5
VAV-1/3-15	TRANE VCEF	EXAMS/WK STATION	10	500	500	55	80	208/1	4	ALL

- NOTES:**
1. PROVIDE WITH SCR CONTROL
  2. VAV DUCT SIZE IS FOR UNIT SIZING ONLY, ACTUAL CONNECTED DUCTS TO BE EITHER ONE SIZE LARGER OR THE SIZE INDICATED ON THE DRAWINGS
  3. CONTROL POWER BY BAS
  4. MIN CFM BASED ON 28% OSA
  5. VAV TO HAVE NO LINER OR STERILOC LINDER

DIFFUSER AND GRILLE SCHEDULE				
MARK	TYPE	NC	BASIS OF DESIGN	REMARKS
CD-1	CEILING DIFFUSER	25	TITUS MCD	MODULAR CORE DIFFUSER, LAY-IN
RG-1	CEILING EXHAUST GRILLE, ALUMINUM	25	TITUS 350FL	ALUMINUM, LOUVERED, 3/4" BLADE SPACING, 35° DEFLECTION, LAY-IN
EG-1	CEILING EXHAUST GRILLE, ALUMINUM	25	TITUS 350FL	ALUMINUM, LOUVERED, 3/4" BLADE SPACING, 35° DEFLECTION, LAY-IN



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SHEET TITLE:  
**MECHANICAL SCHEDULES**

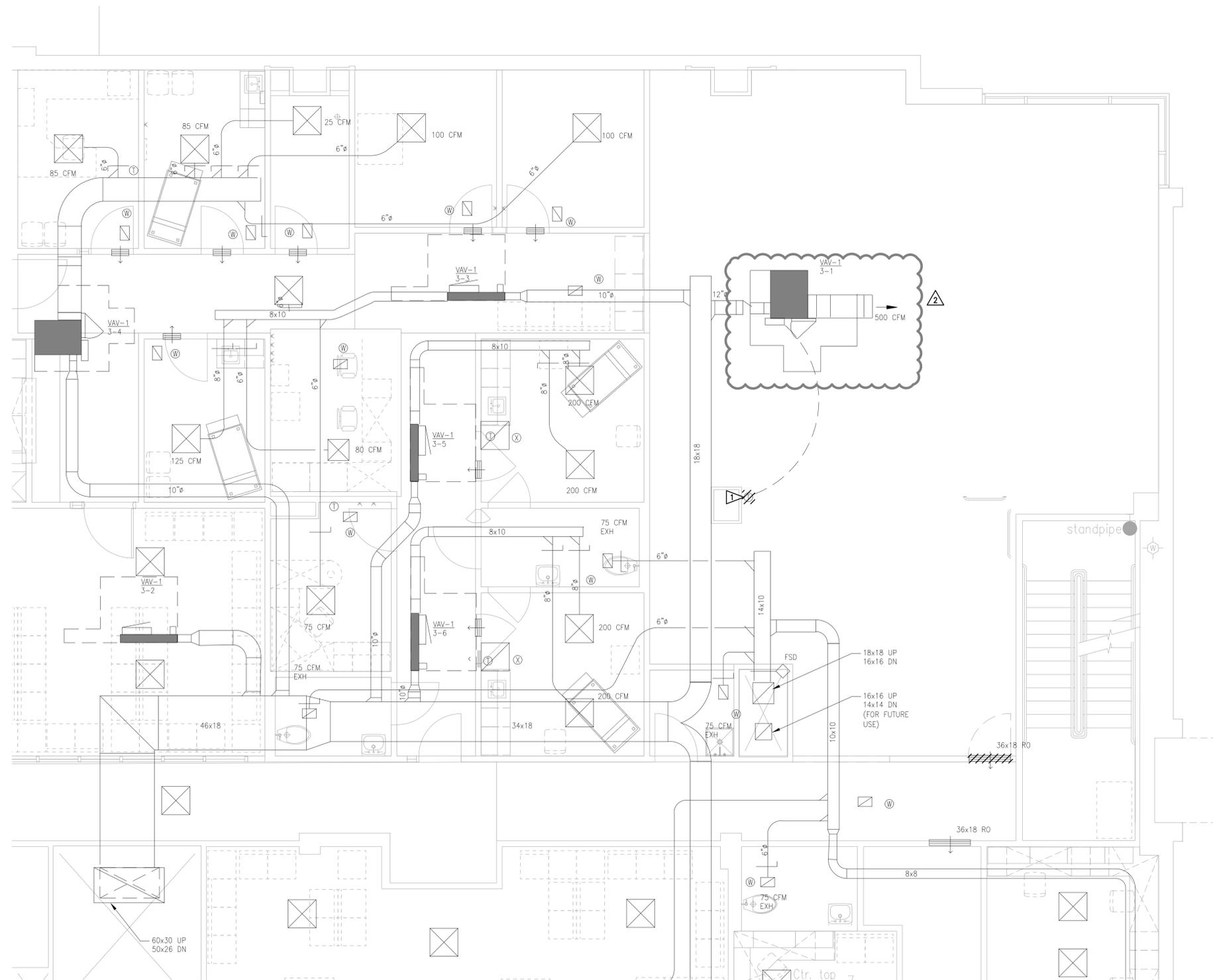
SHEET #:  
**M0.2**

**SHEET NOTES**

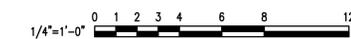
▷ RELOCATE THERMOSTAT.

City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic



**THIRD FLOOR HVAC PLAN - DEMO**  
SCALE: 1/4" = 1'-0"



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**THIRD FLOOR  
HVAC PLAN -  
DEMO**

SHEET #:  
**M1.1**



**GENERAL NOTES**

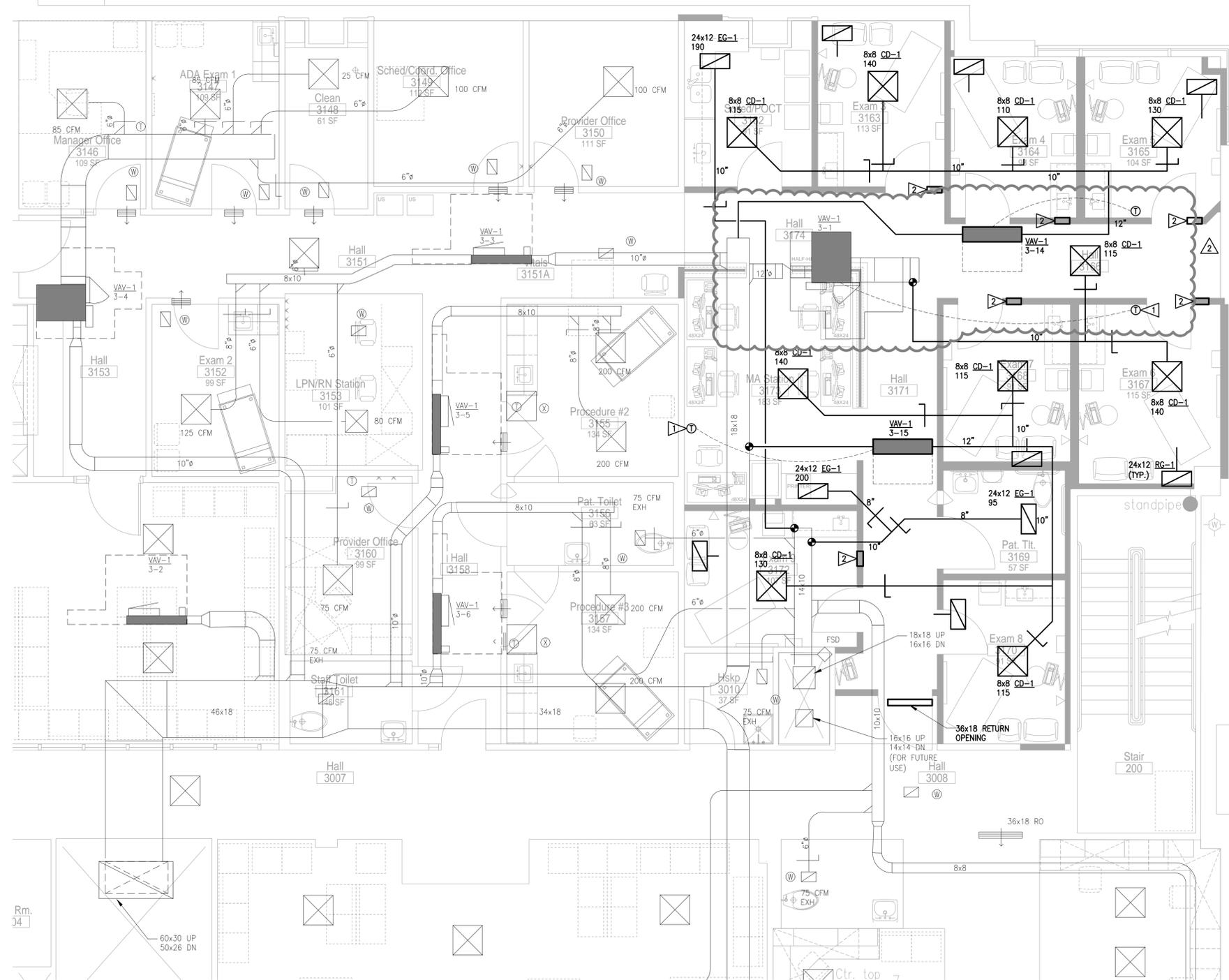
1. PROVIDE SOUNDLINED RETURN AIR BOOTS AS SHOWN.

**SHEET NOTES**

- 1. RELOCATED THERMOSTAT.
- 2. PROVIDE 12x8 TRANSFER OPENING IN WALLS THAT GO TO STRUCTURE.

City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic



**THIRD FLOOR HVAC PLAN**  
SCALE: 1/4" = 1'-0"



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**THIRD FLOOR  
HVAC PLAN**

SHEET #:  
**M1.2**



### GENERAL LEGEND

SYMBOL	DESCRIPTION
	DETAIL SYMBOL: A = IDENTIFYING NUMBER B = SHEET WHERE DETAIL IS SHOWN
	DETAIL SYMBOL: A = IDENTIFYING NUMBER B = SHEET WHERE DETAIL IS TAKEN C = SHEET WHERE DETAIL IS SHOWN
	SECTION SYMBOL: A = IDENTIFYING LETTER B = SHEET WHERE SECTION IS SHOWN
	SECTION SYMBOL: A = IDENTIFYING LETTER B = SHEET WHERE SECTION IS TAKEN C = SHEET WHERE SECTION IS SHOWN
	SECTION CUT LINE INDICATOR
	KEYED REFERENCE NOTE OR SHEET NOTE
	POINT OF CONNECTION (POC) SYMBOL
	PLUMBING FIXTURE REFERENCE (REFER TO SCHEDULE)
	EQUIPMENT IDENTIFICATION (REFER TO SCHEDULES)
	MEDICAL GAS OUTLET IDENTIFICATION (REFER TO SCHEDULE)
	MEDICAL GAS ZONE VALVE STATION MOUNTED IN WALL
	MEDICAL GAS ALARM PANEL MOUNTED IN WALL
	MEDICAL GAS OUTLET
	REVISION CLOUD AND REVISION NUMBER
	BINARY (YES/NO) SENSING SWITCH (PIPE OR DUCT MOUNTED)
	BINARY (YES/NO) SENSING SWITCH (SURFACE MOUNTED)
	ANALOG SENSING DEVICE (PIPE OR DUCT MOUNTED)
	ANALOG SENSING DEVICE (SURFACE MOUNTED)
	ANALOG SENSING DEVICE (SURFACE MOUNTED) (APPROPRIATE FOR MEASURED FLUID) SUBSCRIPT LETTER (X) INDICATES:
A	ALARM PRESSURE SENSOR
D	DIFFERENTIAL PRESSURE
F	FLOW RATE
H	HUMIDITY
L	LOW LIMIT
P	PRESSURE (STATIC)
T	TEMPERATURE
V	VELOCITY & VOLUME FLOW RATE

### ABBREVIATIONS

ABBR	DESCRIPTION	ABBR	DESCRIPTION
ABV	ABOVE	L	LENGTH
AD	ACCESS DOOR	LAT	LEAVING AIR TEMPERATURE
AHU	AIR HANDLING UNIT	LBS	POUNDS
AL	ACOUSTIC LINED	LF	LINEAR FOOT/FEET
AP	ACCESS PANEL	LVC	LEAVING
APD	AIR PRESSURE DROP	LWG	LOW WALL GRILLE
ARCH	ARCHITECT/ARCHITECTURAL	LWR	LOW WALL REGISTER
ARV	AUTOMATIC RELIEF VALVE or ACID RESISTANT VENT	LWT	LEAVING WATER TEMPERATURE
ARW	ACID RESISTANT WASTE	MAX	MAXIMUM
BDD	BACKDRAFT DAMPER	MBH	1000 BRITISH THERMAL UNITS PER HOUR
BFP	BACKFLOW PREVENTER	MCC	MOTOR CONTROL CENTER
BHP	BRAKE HORSEPOWER	MECH	MECHANICAL
BG	BELOW GROUND	MFR	MANUFACTURER
BJ	BETWEEN JOISTS	MIN	MINIMUM
BTU	BRITISH THERMAL UNIT	MISC	MISCELLANEOUS
BTUH	BRITISH THERMAL UNITS PER HOUR	MTD	MOUNTED
C	CENTIGRADE	MTG	MOUNTING
CC	COOLING COIL	N/A	NOT APPLICABLE
CD	CEILING DIFFUSER	N/C	NORMALLY CLOSED
CFM	CUBIC FEET PER MINUTE	N/O	NORMALLY OPEN
CG	CEILING GRILLE	NC	NOISE CRITERIA
CI	CAST IRON	NI	NOT IN CONTRACT
CLG	CEILING	NTS	NOT TO SCALE
CO	CLEANOUT	OA	OUTSIDE AIR
CONC	CONCRETE	OB	OPPOSED BLADE DAMPER
CONN	CONNECT or CONNECTION	OC	ON CENTER
CONST	CONSTRUCTION	O/C	OUTSIDE DIAMETER
CONT	CONTINUATION	OD	OPENING
CR	CONDENSATE RETURN	OPNG	OPENING
DB	DECIBLE or DRY BULB	PCV	PRESSURE CONTROL VALVE
DDC	DIRECT DIGITAL CONTROL	PD	PRESSURE DROP
DIA	DIAMETER	PH or P	PHASE PLACES
DIM	DIMENSION	PLOC	POINT OF CONNECTION
DN	DOWN	POUA	POINT OF USE ALARM
DPR	DAMPER	PRV	PRESSURE REDUCING VALVE
DWG	DRAWING	PSI	POUNDS PER SQUARE INCH
E-100	EXHAUST AIR NUMBER INDICATES CFM QUANTITY	PSIG	POUNDS PER SQUARE INCH GAGE
EA	EACH	R-100	RETURN AIR NUMBER INDICATES CFM QUANTITY
EAT	ENTERING AIR TEMPERATURE	RA	RETURN AIR
EF	EXHAUST FAN	RAG	RETURN AIR GRILLE
EG	EXHAUST GRILLE	REQD	REQUIRED
ELEC	ELECTRIC or ELECTRICAL	RPBP	REDUCED PRESSURE BACKFLOW PREVENTOR
ELEV	ELEVATION	RPM	REVOLUTIONS PER MINUTE
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM	S-100	SUPPLY AIR NUMBER INDICATES CFM QUANTITY
ESP	EXTERNAL STATIC PRESSURE	SA	SUPPLY AIR
EWT	ENTERING WATER TEMPERATURE	SF	SHEET
EXH	EXHAUST	SHT	SIMILAR
EXST or (E)	EXISTING	SIM	SIMILAR
F	FAHRENHEIT	SP	STATIC PRESSURE
FA	FACE AREA	SQ	SQUARE
FCO	FLOOR CLEANOUT	SQ FT	SQUARE FOOT/FEET
FCU	FAN COIL UNIT	SS	STAINLESS STEEL
FD	FLOOR DRAIN	STD	STANDARD
FDR	FIRE DAMPER	THK	THICK
FFD	FUNNEL FLOOR DRAIN	TP	TRAP PRIMER or TEST PLUG
FF	FINAL FILTER	TYP	TYPICAL
FLR	FLOOR	TU	TERMINAL UNIT
FPM	FEET PER MINUTE	UBC	UNIFORM BUILDING CODE
FPS	FEET PER SECOND	UFC	UNIFORM FIRE CODE
FT	FOOT/FEET	UMC	UNIFORM MECHANICAL CODE
FV	FACE VELOCITY	UPC	UNIFORM PLUMBING CODE
GA	GAGE or GAUGE	UG	UNDERGROUND
GAL	GALLON	UH	UNIT HEATER
GALV	GALVANIZED	VA	VALVE
GPH	GALLONS PER HOUR	VAC	VACUUM
GPM	GALLONS PER MINUTE	VAV	VARIABLE AIR VOLUME
H	HEIGHT	VD	VOLUME DAMPER
HD	HEAD	VEL	VELOCITY
HP	HORSEPOWER	VFD	VARIABLE FREQUENCY DRIVE
HG	HEATING	VTR	VENT THRU ROOF
HVAC	HEATING, VENTILATION AND AIR CONDITIONING	W	WIDE
HWG	HIGH WALL GRILLE	WITH	WITH
HWR	HIGH WALL REGISTER	W/O	WITHOUT
HZ	HERTZ	WB	WET BULB
ID	INSIDE DIAMETER	WCO	WALL CLEANOUT
IE	INVERT ELEVATION	WG	WATER GAGE
IN	INCH or INCHES	WGE	WASTE GAS EVACUATION
INSUL	INSULATION	WPD	WATER PRESSURE DROP
INV	INVERT	WT	WEIGHT
KW	KILOWATT		
KWH	KILOWATT HOUR		

### PIPING LEGEND

SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION
		LIGHT LINEWORK INDICATES EXISTING PIPING OR EQUIPMENT		CAP	PIPE END CAP
		INDICATES PIPING OR EQUIPMENT TO BE REMOVED			PIPE TURNING DOWN OR AWAY
	SS	SANITARY SEWER - OUTSIDE BUILDING AND BELOW GROUND			PIPE TURNING UP OR TOWARD
	SD	STORM DRAIN - OUTSIDE BUILDING AND BELOW GROUND			PIPE TURNING DOWN OR AWAY (TEE)
	W	WASTE (& SOIL) - ABOVE GROUND - INTERIOR			REDUCER (NOT TYPICALLY SHOWN)
	W	WASTE (& SOIL) - BELOW GROUND - INTERIOR			PIPE CONNECTION
	V	VENT			PIPE ANCHOR (NOT ALWAYS SHOWN, SEE SPECIFICATIONS)
	ARW	ACID RESISTANT WASTE			PIPE ALIGNMENT GUIDES (NOT ALWAYS SHOWN, SEE SPECIFICATIONS)
	ARV	ACID RESISTANT VENT		HB	HOSE BIBB
	CW	COLD WATER - DOMESTIC		WH/NFHW	WALL HYDRANT or NON-FREEZE WALL HYDRANT
	HW	HOT WATER - DOMESTIC		CO/WCO	CLEANOUT or WALL CLEANOUT
	HWC	HOT WATER CIRCULATING - DOMESTIC		FCO/SCO	FLUSH CLEANOUT or SURFACE CLEANOUT
	RD	RAINWATER DRAINAGE - ABOVE GROUND		FDC	FIRE DEPARTMENT CONNECTION
	RD	RAINWATER DRAINAGE - BELOW GROUND			FIRE SPRINKLER ALARM GONG
	ORD	RAINWATER DRAINAGE OVERFLOW - ABOVE GROUND		AD	AREA DRAIN
	ORD	RAINWATER DRAINAGE OVERFLOW - BELOW GROUND		FD or FFD	FLOOR DRAIN or FUNNEL FLOOR DRAIN
	D	DRAIN - INDIRECT		FS	FLOOR SINK
	RV	RELIEF VALVE VENT		OD	OVERFLOW DRAIN
		PIPE SLOPE DIRECTION		RD	ROOF DRAIN
	ICW	INDUSTRIAL COLD WATER			SHUTOFF VALVE (AS SPECIFIED FOR PIPING SYSTEM)
	SCW	SOFT COLD WATER		BV	BALL VALVE
	FCW	COLD WATER (FLUSHING SYSTEM)		CKV	CHECK VALVE
	IHW	INDUSTRIAL HOT WATER		BFV	BUTTERFLY VALVE
	KHW	KITCHEN HOT WATER		BFV	BUTTERFLY VALVE W/ MEMORY STOP
	KHWC	KITCHEN HOT WATER CIRCULATING		BAL VA	BALANCING VALVE
	LHW	LAUNDRY HOT WATER		BSV	COMBINATION BALANCING/SHUTOFF VALVE
	LHWC	LAUNDRY HOT WATER CIRCULATING		ACV	2-WAY MODULATING CONTROL VALVE W/ ACTUATOR
	NPW	NON-POTABLE WATER		ACV	3-WAY MODULATING CONTROL VALVE W/ ACTUATOR
	IW	IRRIGATION WATER			2-POSITION CONTROL VALVE
	DI	DEIONIZED WATER		PRV	PRESSURE REDUCING VALVE
	DW	DISTILLED WATER		RV	RELIEF VALVE
	CS	CONDENSER WATER SUPPLY		FMS	FLOW MEASUREMENT STATION
	CR	CONDENSER WATER RETURN		STR	Y-TYPE STRAINER
	CWS	CHILLED WATER SUPPLY - COOLING		GLV	GLOBE VALVE
	CWR	CHILLED WATER RETURN - COOLING		OSY VA	OUTSIDE SCREW AND YOKE VALVE
	RL	LIQUID LINE - REFRIGERANT		EXP VA	EXPANSION VALVE
	RS	SUCTION LINE - REFRIGERANT		FCV	FLOW CONTROL VALVE
	HG	HOT GAS LINE - REFRIGERANT			UNION
	HWS	HOT WATER HEATING SUPPLY			FLANGES
	HWR	HOT WATER HEATING RETURN			THREADED GARDEN PLUG
	FOS	FUEL OIL SUPPLY			MALE (DRAIN) HOSE CONNECTION WITH CAP
	FOR	FUEL OIL RETURN		TP	TEST PLUG
	G	NATURAL GAS			SHOCK ARRESTER
	LPG	LIQUID PETROLEUM GAS		B STR	BASKET STRAINER
	LPS	LOW PRESSURE STEAM SUPPLY		PI	PRESSURE INDICATOR
	LPR	LOW PRESSURE STEAM CONDENSATE RETURN		AAV	AUTOMATIC AIR VENT
	MPS	MEDIUM PRESSURE STEAM SUPPLY			MANUAL AIR VENT
	MPS(20)	MEDIUM PRESSURE STEAM CONDENSATE RETURN			PUMP (DIAGRAM)
	HPS	HIGH PRESSURE STEAM SUPPLY			FLEXIBLE CONNECTOR
	HPS(100)	HIGH PRESSURE STEAM CONDENSATE RETURN			INDICATES ASSEMBLY OF PIPING COMPONENTS (AS NOTED OR DIAGRAMED)
	HPR	HIGH PRESSURE STEAM CONDENSATE RETURN			
	PR	STEAM CONDENSATE RETURN (PUMPED)			
	ATV	ATMOSPHERIC VENT			
	MA	COMPRESSED MEDICAL AIR			
	LA	COMPRESSED LABORATORY AIR			
	MV	MEDICAL VACUUM			
	O2	OXYGEN			
	N2O	NITROUS OXIDE			
	N2	NITROGEN			
	CO2	CARBON DIOXIDE			
	A	COMPRESSED AIR			
	V	VACUUM			
	LV	LABORATORY VACUUM			
	WGE	WASTE GAS EVACUATION			

### DRAWING INDEX

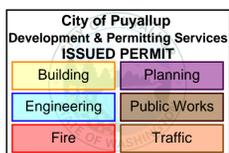
SHEET NUMBER	DESCRIPTION
P0.1	COVER SHEET, GENERAL INFO & INDEX
P0.2	SCHEDULES
P1.2	THIRD FLOOR PLUMBING PLAN

### GENERAL NOTES

- PIPE AND DUCT SIZES: WHERE A SECTION OF PIPE OR DUCT BETWEEN TAKEOFFS DOES NOT HAVE A SIZE INDICATED, IT SHALL BE SAME SIZE AS SECTION UPSTREAM (DOWNSTREAM FOR EXHAUST AND RETURN DUCTS). IN GENERAL, AS VOLUME FLOW RATE DECREASES, PIPE OR DUCT SIZE SHALL REMAIN LARGE UNTIL A SMALLER SIZE IS INDICATED. NOTE THAT SOME PIPE AND DUCT SIZES ARE INDICATED ON ASSOCIATED DEVICE SCHEDULE.
- CEILING COORDINATION: REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELECTRICAL PLANS. COORDINATE LOCATION OF DIFFUSERS, CEILING GRILLES, SPRINKLER HEADS, ETC. WITH OTHER CEILING ELEMENTS. VALVES, FIRE DAMPERS, HEATING AND COOLING COILS, AND OTHER SERVICEABLE ITEMS ABOVE THE CEILING SHALL BE LOCATED SO AS TO BE READILY ACCESSIBLE FROM REMOVABLE PANELS OR ACCESS DOORS. IF REMOVABLE PANELS OR ACCESS DOORS ARE NOT CONVENIENT, CONTACT ARCHITECT FOR DIRECTION PRIOR TO INSTALLING SERVICEABLE ITEMS.
- WALL MOUNTED ITEMS: REFER TO ARCHITECTURAL PLANS AND WALL ELEVATIONS FOR EXACT LOCATIONS OF PLUMBING FIXTURES, AND OTHER WALL MOUNTED OR COUNTER MOUNTED MECHANICAL ITEMS.
- OFFSETS: PLANS ARE DIAGRAMMATIC IN NATURE AND DO NOT ATTEMPT TO SHOW EXACT LOCATIONS OF DUCTWORK AND PIPING NOR DO THEY SHOW ALL OFFSETS THAT WILL BE REQUIRED FOR INSTALLATION. IN MANY CASES, OFFSETS WILL REQUIRE SIGNIFICANT ADDITIONAL LENGTHS OF PIPE OR DUCT AND ADDITIONAL FITTINGS, PARTICULARLY IN AREAS WHERE OTHER MEP DISTRIBUTION EXISTS IN UNKNOWN LOCATIONS, SUCH AS IN THE EXISTING TENANT SPACE BELOW. PROVIDE ALL NEEDED OFFSETS WITHOUT ADDED COMPENSATION. PERFORM FIELD INVESTIGATION AND COORDINATE WITH OTHER TRADES PRIOR TO FABRICATION OF DUCTWORK AND PIPING.
- CLEANOUTS: PLUMBING CLEANOUT LOCATIONS ARE NOT ALWAYS ESTABLISHED ON THE PLANS IN ORDER TO GIVE THE PLUMBER FLEXIBILITY TO LOCATE PLUMBING CLEANOUTS IN THE MOST ACCESSIBLE AREAS. AS A MINIMUM, PROVIDE CLEANOUTS AS REQUIRED BY THE UNIFORM PLUMBING CODE. CLEANOUTS THAT MUST BE INSTALLED IN PIPES THAT ARE IN DIFFICULT TO ACCESS AREAS SHALL BE EITHER WALL OR FLOOR CLEANOUTS SERVICED FROM THE FLOOR ABOVE. FLOOR CLEANOUTS SHALL BE LOCATED SO AS TO BE SERVICED FROM CORRIDORS, TOILETS OR JANITOR ROOMS WHEREVER POSSIBLE.
- PIPE AND EQUIPMENT IDENTIFICATION: PROVIDE PIPE, EQUIPMENT, AND VALVE LABELING.
- TRAP PRIMERS AND ARRESTORS: TRAP PRIMER ACTUATORS AND WATER HAMMER ARRESTORS SHALL BE LOCATED TO BE ACCESSIBLE EITHER THROUGH ACCESSIBLE CEILING OR WALL ACCESS DOORS. REFER TO SPECIFICATION FOR WHERE ARRESTORS NEED TO BE LOCATED.
- PIPING, DUCTWORK AND EQUIPMENT ANCHORAGE: PROVIDE SEISMIC RESTRAINTS AND ANCHORAGE PER SPECIFICATIONS AND THE INTERNATIONAL BUILDING CODE.
- HANDICAP FIXTURES: PLUMBING FIXTURES AND TRIM IN HANDICAP ACCESSIBLE AREAS SHALL COMPLY WITH ADA STANDARDS AS WELL AS STATE AND LOCAL CODES.
- ELECTRICAL CLEARANCES: COORDINATE WITH ALL TRADES TO MAINTAIN ELECTRICAL SERVICE CLEARANCE (PER NATIONAL ELECTRIC CODE) FOR MECHANICAL EQUIPMENT.

### INSULATION REQUIREMENTS

- PIPE INSULATION REQUIREMENTS:
  - DOMESTIC COLD WATER: 1/2" THICK ON 1" DIAMETER PIPE AND SMALLER. 1" THICK ON ALL PIPING LARGER THAN 1" DIAMETER.
  - DOMESTIC HOT WATER: 1" THICK ON 2" DIAMETER PIPING AND SMALLER. 1-1/2" THICK ON ALL PIPING OVER 2" DIAMETER. 1/2" INSULATION ACCEPTABLE ON RUNOUTS UP TO 8 FEET IN LENGTH ROUTED IN WALLS TO PLUMBING FIXTURES.



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OWNER:  
**MultiCare**  
 BetterConnected

PROJECT NAME:  
**MultiCare GSMOB Women's Clinic T.I.**

1450 5th St SE  
 Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/14/2022	PERMIT SUBMITTAL #1
1	08/19/2022	REV #1
2	10/27/2022	PERMIT RESUBMITTAL

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 DRAWN BY: CEI  
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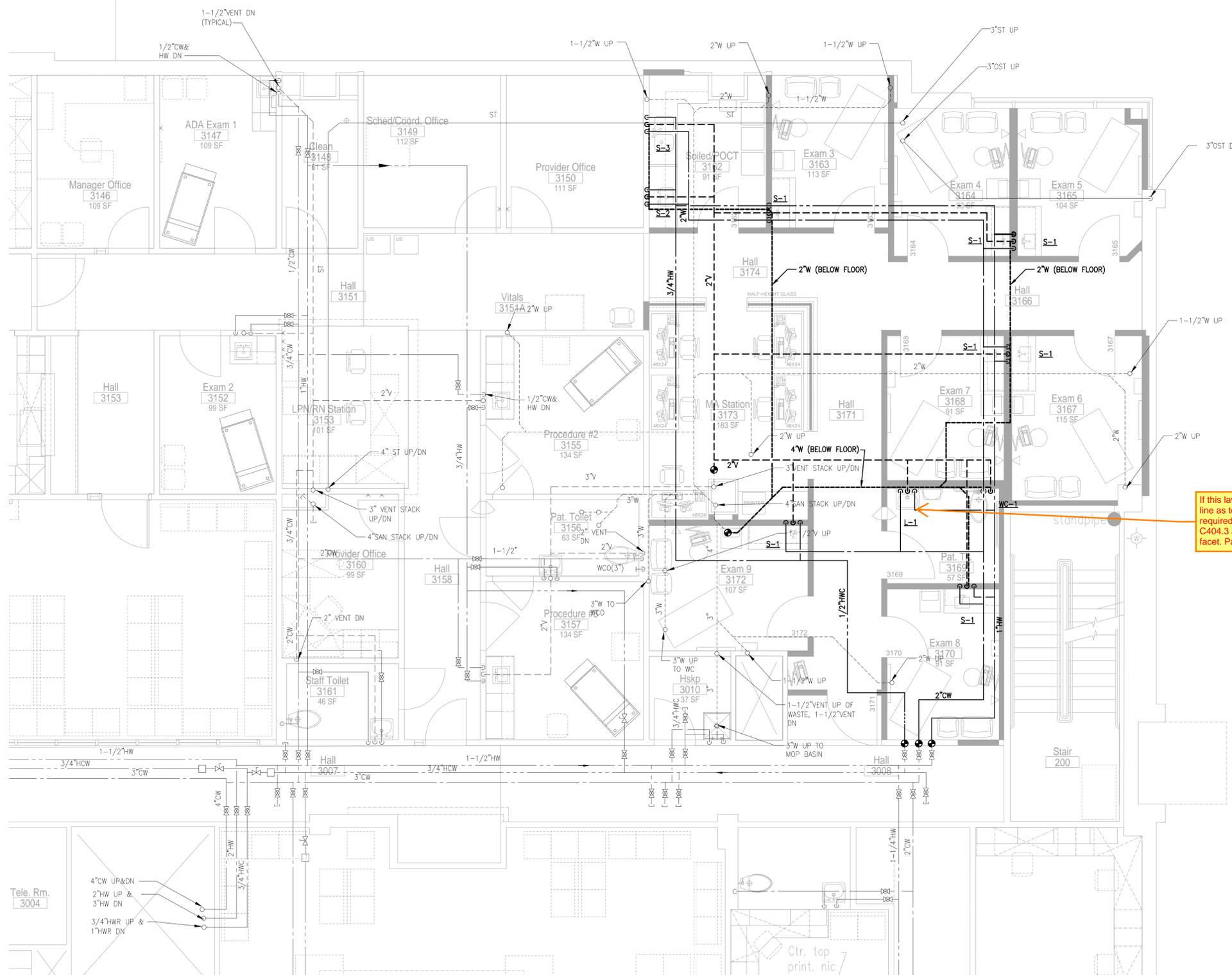
SHEET TITLE:  
**COVER SHEET AND GENERAL INFO**

SHEET #:  
**P0.1**



**GENERAL NOTES**

- CONNECT WC TO NEAREST 4" W ON FLOOR BELOW. CONNECT SINKS TO CLOSEST 2" W ON THE FLOOR BELOW. ROUTE TO WASTE STACK AT COLUMN. ROUTING SHOWN FOR SCHEMATIC PURPOSES.



If this lav is not served by a recirculating hot water line as told by applicant then a insta-hot would be required for compliance with the 2018 WSEC section C404.3 and table C404.3.1 as this is a public lavatory facet. Page P1.2 of plans.

**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**THIRD FLOOR PLUMBING PLAN**  
SCALE: 1/4" = 1'-0"



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SHEET TITLE:  
**THIRD FLOOR  
PLUMBING PLAN**

SHEET #:  
**P1.2**

ELECTRICAL SYMBOLS

LIGHTING

	XX - LUMINAIRE TYPE
	YY - CIRCUIT NUMBER
	XE - LUMINAIRE TYPE ENDING IN E INDICATE BATTERY BACKUP
	LUMINAIRE ON EMERGENCY CIRCUIT
	EXIT SIGN, CEILING MOUNT REFER TO ARCHITECTURAL LIFE SAFETY PLAN FOR DIRECTION OF TRAVEL
	EXIT SIGN, WALL MOUNT REFER TO ARCHITECTURAL LIFE SAFETY PLAN FOR DIRECTION OF TRAVEL
	SURFACE MOUNT EMERGENCY LUMINAIRE
	SURFACE MOUNT EMERGENCY/EXIT LUMINAIRE
	SINGLE POLE SWITCH - SUBSCRIPT INDICATES SWITCHING DUTY. PROVIDE ONE SWITCH FOR EACH SWITCHING DUTY SHOWN.
	DOUBLE POLE SWITCH
	THREE-WAY SWITCH
	DIMMER SWITCH
	KEY OPERATED SWITCH
	SWITCH WITH OCCUPANCY SENSOR
	SWITCH WITH PILOT LIGHT
	SWITCH WITH TIMER
	LOW VOLTAGE SWITCH (2 BUTTON) - SUBSCRIPT INDICATES CONTROL ZONES. PROVIDE ONE SWITCH FOR EACH CONTROL ZONE.
	LOW VOLTAGE DIMMER SWITCH (4 BUTTON) - SUBSCRIPT INDICATES DIMMING ZONES. PROVIDE ONE DIMMER SWITCH FOR EACH DIMMING ZONE.
	OCCUPANCY SENSOR, IR, CEILING MOUNT
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, 360° CEILING MOUNT
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL MOUNT
	CONTACTOR RELAY
	DAYLIGHT SENSOR
	LIGHTING ROOM CONTROLLER - SUBSCRIPT INDICATES NUMBER OF CONTROL ZONES. PROVIDE ONE RELAY FOR EACH CONTROL ZONE.
	LIGHTING ROOM CONTROLLER (DIMMING) - SUBSCRIPT INDICATES NUMBER OF DIMMING ZONES. PROVIDE ONE RELAY FOR EACH DIMMING ZONE.

RECEPTACLES

	HOSPITAL GRADE DUPLEX RECEPTACLE - NEMA 5-15R (NEMA 5-20R FOR DEDICATED CIRCUIT)
	HOSPITAL GRADE DUPLEX RECEPTACLE - ABOVE COUNTER. COORDINATE W/ ARCH. ELEVATIONS
	HOSPITAL GRADE DUPLEX RECEPTACLE - DEDICATED (NEMA 5-20R)
	HOSPITAL GRADE DUPLEX RECEPTACLE - WEATHERPROOF
	HOSPITAL GRADE DUPLEX RECEPTACLE - TAMPER RESISTANT
	HOSPITAL GRADE DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTER
	HOSPITAL GRADE DUPLEX RECEPTACLE - UNIVERSAL SERIAL BUS
	HOSPITAL GRADE DUPLEX RECEPTACLE - SURGE PROTECTED
	HOSPITAL GRADE DOUBLE DUPLEX RECEPTACLE
	HOSPITAL GRADE DUPLEX RECEPTACLE - CEILING MOUNTED
	HOSPITAL GRADE CONTROLLED DUPLEX RECEPTACLE
	ABOVE COUNTER HOSPITAL GRADE CONTROLLED DUPLEX RECEPTACLE
	SPECIAL RECEPTACLE - TYPE AS INDICATED
	CORD REEL

EQUIPMENT

	PANELBOARD 277/480V
	PANELBOARD 120/208V
	CABINET - TYPE AS INDICATED ON PLAN
	SWITCHBOARD
	TRANSFORMER - SIZE AND VOLTAGE AS INDICATED ON PLAN
	HORSEPOWER RATED TOGGLE SWITCH WITH OVERLOAD PROTECTION
	COMBINATION STARTER HP RATED, 3-POLE, NEMA 1 MINIMUM UNLESS NOTED OTHERWISE - OVERCURRENT PROTECTION AS REQUIRED
	NON-FUSED DISCONNECT SWITCH - SIZE PER CONNECTED LOAD
	FUSED DISCONNECT SWITCH - SIZE PER CONNECTED LOAD. PROVIDE FUSES PER EQUIPMENT NAMEPLATE.
	EQUIPMENT CONNECTION
	MECHANICAL EQUIPMENT CALLOUT. REFER TO MECHANICAL EQUIPMENT SCHEDULE.
	FLUSH FLOOR BOX
	POKE THRU FITTING
	POKE THRU FITTING WITH FURNITURE FEED
	FURNITURE FEED
	POWER POLE

ELECTRICAL RISER

	GROUND
	CIRCUIT BREAKER NUMBER INDICATES TRIP SETTING AND NUMBER OF POLES
	ADJUSTABLE TRIP CIRCUIT BREAKER NUMBERS INDICATE FRAME SIZE / TRIP SETTING
	FUSED DISCONNECT SWITCH NUMBERS INDICATE SWITCH SIZE / FUSE SIZE
	PANELBOARD
	CURRENT TRANSFORMER (CT)
	CABLE TO BUS CONNECTION
	AUTOMATIC TRANSFER SWITCH (ATS)
	FEEDER TYPE - REFER TO FEEDER SCHEDULE ON ONE-LINE
	UTILITY METER
	ENERGY METER - SUBSCRIPT INDICATES LOAD TYPE: H = HVAC L = LIGHTING P = PLUG PR = PROCESS W = WATER HEATING
	POWER MONITOR
	WATT-HOUR METER
	SURGE PROTECTIVE DEVICE (SPD)
	AVAILABLE SYMMETRICAL FAULT CURRENT IN AMPS

LOW VOLTAGE SYSTEMS

	FIRE ALARM
	MANUAL PULL STATION WITH GUARD
	HORN/STROBE
	HORN/STROBE - CEILING MOUNT
	STROBE
	STROBE - CEILING MOUNT
	BELL
	SMOKE DETECTOR
	DUCT TYPE SMOKE DETECTOR (SUPPLY DUCT U.O.N.)
	FIXED TEMPERATURE HEAT DETECTOR
	ADDRESSABLE RELAY
	MONITOR MODULE
	CONNECTION TO ELECTROMAGNETIC DOOR HOLDER
	CONNECTION TO ELECTROMAGNETIC DOOR HOLDER (MOUNT IN HEAD OF DOOR)
	TELECOMMUNICATIONS
	TELECOMMUNICATIONS OUTLET X = QTY. OF CAT 6 JACKS
	WIRELESS ACCESS POINT - 1 CAT 6 JACK
	SECURITY SYSTEM
	INFRARED MOTION DETECTOR
	KEYPAD
	ELECTRIC STRIKE
	CARD READER
	360° MOTION SENSOR
	MAGNETIC LOCK
	CABLE TELEVISION (CATV) SYSTEM
	CATV OUTLET
	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM
	CCTV CAMERA
	NURSE CALL SYSTEM
	MEDICAL EMERGENCY PUSHBUTTON STATION
	MEDICAL EMERGENCY CODE BLUE PUSHBUTTON STATION
	EMERGENCY CALL STATION WITH PULL CORD
	PATIENT BED STATION
	STAFF STATION
	DUTY STATION
	AUDIO-VISUAL CONTROL ANNUNCIATOR
	VISUAL CONTROL ANNUNCIATOR
	DOME LIGHT, CEILING MOUNTED
	ZONE LIGHT
	DOME LIGHT, WALL MOUNTED
	RACEWAYS
	RACEWAY CONCEALED IN WALL OR CEILING, EXPOSED IN UNFINISHED AREAS
	RACEWAY CONCEALED BELOW FLOOR
	FLEXIBLE CONDUIT FIXTURE WHIP WITH CONDUCTORS
	BRANCH CIRCUIT WIRING SHOWING CIRCUIT HOME RUN TO PANELBOARD. PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT.
	RACEWAY TURNING UP
	RACEWAY TURNING DOWN
	CIRCUIT CONTINUATION
	LOW VOLTAGE WIRING
	JUNCTION BOX
	PULL BOX

ELECTRICAL ABBREVIATIONS

AD	AUTO DOOR	FAFP	FIRE ALARM ANNUNCIATOR PANEL	PS	PROJECTION SCREEN
AF	AMPERE FRAME	FACP	FIRE ALARM CONTROL PANEL	PTR	PRINTER
AFF	ABOVE FINISHED FLOOR	FDMFR	FIRE DAMPER	PVC	POLYVINYL CHLORIDE (PLASTIC)
AHU	AIR HANDLING UNIT	FH	FUME HOOD	PWR	POWER
AIC	AMPERE INTERRUPTING CURRENT	FMT	FLEXIBLE METALLIC TUBING	QTY	QUANTITY
AMP	AMPERE	FU or F	FUSE	RA FAN	RETURN AIR FAN
AS	AMPERE SWITCH	FVNR	FULL VOLTAGE NON-REVERSING	RECP	RECEPTACLE
ASV	AIR SOLENOID VALVE	G	GROUND	REF	REFRIGERATOR
AT	AMPERE TRIP	GALV	GALVANIZED	REQD	REQUIRED
ATS	AUTOMATIC TRANSFER SWITCH	GC	GOOGLE CABINET	RH	RANGE HOOD
AWG	AMERICAN WIRE GAUGE	GD	GARBAGE DISPOSAL	RMC	RIGID METAL CONDUIT
BAS	BUILDING AUTOMATION SYSTEM	GEC	GROUNDING ELECTRODE CONDUCTOR	RNG	RANGE
BBO	BACKBOARD OPERATOR	GEN	GENERATOR	RSD	ROLLING STEEL DOOR
BL	BLEACHERS	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	SDMFR	SMOKE DAMPER
BLDG	BUILDING	GSV	GAS SOLENOID VALVE	SF	SUPPLY FAN
C	CONDUIT	HH	HAND HOLE	SOLV	SOLENOID VALVE
CAB	CABINET	HID	HIGH INTENSITY DISCHARGE	SPD	SURGE PROTECTIVE DEVICE
CB	CIRCUIT BREAKER	HP	HORSEPOWER	SPEC	SPECIFICATION
CCTV	CLOSED CIRCUIT TELEVISION	HPF	HIGH POWER FACTOR	SPST	SINGLE POLE, SINGLE THROW
CKT	CIRCUIT	HPS	HIGH PRESSURE SODIUM	ST	SHUNT TRIP
CLG	CEILING	HT	HEAT TRACE	STD	STANDARD
CM	COFFEE MAKER	IH	INSTAHOT	STL	STEEL
CMU	CONCRETE MASONRY UNIT	IM	ICE MACHINE	SW	SWITCH
CO	CONDUIT ONLY	IWD	INTERCOM WALL DISPLAY	SWBD	SWITCHBOARD
COMM	COMMUNICATION	J-BOX	JUNCTION BOX	SWGR	SWITCHGEAR
COPI	COPIER	kscmil	THOUSAND CIRCULAR MILS	TEL	TELEPHONE
CT	COOK TOP	kV	KILOVOLT	TEMP	TEMPORARY
CT	CURRENT TRANSFORMER	kVA	KILOVOLT AMPERE	TP	TRAP PRIMER
CU	COPPER	kW	KILOWATT	TR	TAMPER RESISTANT
DCVA	DOUBLE CHECK VALVE ASSEMBLY	kWh	KILOWATT HOUR	TIB	TELEPHONE TERMINAL BOARD
DET	DETAIL	MAX	MAXIMUM	TYP	TYPICAL
DIA	DIAMETER	MCC	MOTOR CONTROL CENTER	UC	UNDER COUNTER
DISC	DISCONNECT	MFR	MANUFACTURER	UGND	UNDERGROUND
DISP	DISPOSAL	MECH	MECHANICAL	UH	UNIT HEATER
DLC	DOOR LOCK CONTROLLER	MH	MANHOLE; METAL HALIDE	UL	UNDERWRITERS LABORATORIES
DN	DOWN	MIN	MINIMUM	UNON	UNLESS OTHERWISE NOTED
DO	DOOR OPERATOR	ML	MAGNETIC LOCK	UPS	UNINTERRUPTIBLE POWER SUPPLY
DPST	DOUBLE POLE, SINGLE THROW	MLO	MAIN LUGS ONLY	USB	UNIVERSAL SERIAL BUS
DRY	DRYER	MTD	MOUNTED	V	VOLT
DW	DISHWASHER	MTG	MOUNTING	VA	VOLT AMPERE
DWG	DRAWING	MW	MICROWAVE	VFD	VARIABLE FREQUENCY DRIVE
EA	EACH	NEC	NATIONAL ELECTRICAL CODE	VM	VENDING MACHINE
EH	EXHAUST FAN	NEUT	NEUTRAL	W	WATT
EH	ELECTRIC HEATER	NC	NORMALLY CLOSED	W/	WITH
EHD	ELECTRIC HAND DRYER	NIC	NOT IN CONTRACT	WAC	WASHINGTON ADMINISTRATIVE CODE
ELEC	ELECTRIC	NO	NUMBER; NORMALLY OPEN	WAS	WASHER
ELEV	ELEVATOR	NTS	NOT TO SCALE	W/D	WASHER / DRYER
EMT	ELECTRICAL METALLIC TUBING	OH	OVERHEAD (COILING) DOOR	WF	WASH FOUNTAIN
EPO	EMERGENCY POWER OFF	OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED	WM	WASHING MACHINE
EQUIP	EQUIPMENT	OF/OI	OWNER FURNISHED / OWNER INSTALLED	W/O	WITHOUT
EW	ELECTRIC WATER COOLER	PF	POWER FACTOR	WON	WON DOOR
EW	ELECTRIC WATER HEATER	PH or P	PHASE	WP	WEATHERPROOF; WATERPROOFING
EWS	ELECTRIC WINDOW SHADE	PV	POST INDICATOR VALVE	XFMR	TRANSFORMER
EXIST	EXISTING	PNL	PANEL	Z	IMPEDANCE
FA	FIRE ALARM	PROJ	PROJECTOR		

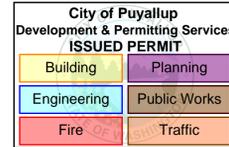
DEVICE MOUNTING HEIGHTS

SPECIAL OUTLET HEIGHTS ARE SHOWN ON THE ELECTRICAL DRAWINGS OR ON THE ARCHITECTURAL DRAWINGS. IF SPECIAL OUTLET HEIGHTS ARE NOT SHOWN OR REQUIRED, THEN LOCATE OUTLETS AS NOTED BELOW. OUTLET HEIGHTS ARE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE OUTLET UNLESS OTHERWISE NOTED.	
RECEPTACLES	18 INCHES VERTICALLY MOUNTED
LIGHT SWITCHES	48 INCHES VERTICALLY MOUNTED
PANELBOARDS	72 INCHES TO TOP OF PANELBOARD
TELEPHONE OUTLET - DESK	18 INCHES VERTICALLY MOUNTED
TELEPHONE OUTLET - WALL	54 INCHES VERTICALLY MOUNTED
COMPUTER OUTLET - DESK	18 INCHES VERTICALLY MOUNTED
FIRE ALARM PULL STATION	48 INCHES
INTERCOM CALL BUTTON	48 INCHES
DIGITAL CLOCK/SPEAKER	PER ARCHITECTURAL INTERIOR ELEVATIONS
ANALOG CLOCK	PER ARCHITECTURAL INTERIOR ELEVATIONS
CATV OUTLET	18 INCHES VERTICALLY MOUNTED
KEYPAD/CARD READER	48 INCHES
FIRE ALARM HORN, STROBE OR HORN/STROBE	NOT LESS THAN 80" OR GREATER THAN 96" TO THE BOTTOM
FIRE ALARM CONTROL PANEL	72 INCHES
DOOR OPERATOR PUSH BUTTON	48 INCHES OR AS SHOWN ON ARCHITECTURAL ELEVATIONS

- COORDINATE ROUGH-IN WITH ARCHITECTURAL ELEVATIONS.
- WHERE A CONFLICT EXISTS, THE ARCHITECTURAL ELEVATIONS GOVERN.

DRAWING INDEX

SHEET NUMBER	DESCRIPTION
E0.1	COVER SHEET AND GENERAL INFORMATION
E0.2	GENERAL NOTES
E0.3	LUMINAIRE SCHEDULE
E0.4	NREC
E0.5	NREC
E1.1	3RD FLOOR DEMOLITION PLAN
E2.1	3RD FLOOR LIGHTING PLAN
E3.1	3TH FLOOR POWER PLAN
E4.1	3RD FLOOR SYSTEMS PLAN
E5.1	ONE-LINE DIAGRAM
E6.1	PANEL SCHEDULES



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	7/21/2022	PERMIT SUBMITTAL #1
	8/11/2022	REV #1
	10/27/2022	REV #4

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**E0.1**



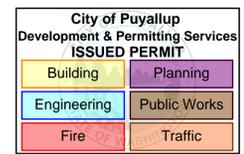
LUMINAIRE SCHEDULE						
Type	Description	Lamp Type	Ballast/ Driver	Dimming Type	WATTS/VA	Manufacturer Information
DA1	<u>RECESS MOUNT LED DOWNLIGHT LUMINAIRE</u> GALVANIZED STEEL HOUSING, UL LISTED FOR DIRECT CONTACT WITH THERMAL INSULATION, POWDER COATED ALUMINUM LED LIGHT ENGINE HOUSING, FROSTED ACRYLIC LENS, TAMPERPROOF, ANTIMICROBIAL GASKET	18W LED 3500K 1540 LUMENS	INTEGRAL DIMMING DRIVER	0-10V 1%	18/18	<u>PATHWAY "4LB79HL" SERIES</u>
RA1	<u>2X4 RECESS MOUNT GASKETED LED LUMINAIRE</u> HIGH PERFORMANCE EXTRUDED ACRYLIC DIFFERS CONCEAL LEDS	38W LED 3500k 4894 LUMENS	INTEGRAL DIMMING DRIVER	0-10V 1%	38/38	LITHONIA LIGHTING "2BLT4" SERIES
RB1	<u>2X2 RECESS MOUNT GASKETED LED LUMINAIRE</u> HIGH PERFORMANCE EXTRUDED ACRYLIC DIFFERS CONCEAL LEDS	44W LED 3500K 4800 LUMENS	INTEGRAL DIMMING DRIVER	0-10V 1%	38/38	LITHONIA LIGHTING "2BLT2" SERIES
RB1	<u>2X2 RECESS MOUNT GASKETED LED LUMINAIRE</u> SAME AS RB1 WITH EM PACK	44W LED 3500K 4800 LUMENS	INTEGRAL DIMMING DRIVER	0-10V 1%	38/38	LITHONIA LIGHTING "2BLT2" SERIES
WA1	<u>WALL MOUNT LINEAR LED VANITY LUMINAIRE</u> POLYCARBONATE LENS, STEEL FRAME MATERIAL	21W LED 3000K 2200 LUMENS	INTEGRAL WALL RECESSED DRIVER	0-10V	21/21	ARTIKA PRO "VITORO VANITY CHROME" SERIES

Lighting Control Matrix							
Space Type	Switching Strategy						
	Time Clock	Occupancy/Vacancy Sensor	Switching Zones	USER ON/OFF	User ON/OFF Dimming	Scene Control	Comments
Corridor/ Hall	X	-	PER PLAN	NO	NO	NO	OCCUPANCY SENSORS FOR AFTER HOURS OVERRIDE
Soil/Clean Supply	-	X	1	YES	YES	NO	
Exam Room	-	X	1	YES	YES	NO	
MA Nurse Station	-	X	1	YES	YES	NO	
Toilet	-	X	1	YES	YES	NO	

General Notes:  
1. OCCUPANCY SENSORS SHALL BE SET-UP FOR AUTOMATIC OFF/MANUAL ON WITH A 15 MINUTE TIME OUT. IN CORRIDORS AND RESTROOMS OCCUPANCY SENSORS SHALL BE SET UP FOR AUTOMATIC OFF/AUTOMATIC ON WITH A 15 MINUTE TIME OUT.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE														
EQUIP. NO.	DESCRIPTION	LOCATION	HP	KW	FLA	MCA	MOCP	VOLTAGE	PHASE	DISCONNECT	STARTER	FEEDER	CIRCUITING	NOTES
VAV-1/3-1	VAV TERMINAL UNIT	EXAM / SOILED RM		6.5				208	1	HRS	-	3/4" - 2#10 & 1#10G	3CL-14,16	
VAV-1/3-14	VAV TERMINAL UNIT	EXAM / CORRIDOR		3				208	1	HRS	-	3/4" - 2#10 & 1#10G	3CL-20,22	
VAV-1/3-15	VAV TERMINAL UNIT	EXAM / MA STATION		4				208	1	HRS	-	3/4" - 2#10 & 1#10G	3CL-20,22	

SCHEDULE NOTES:  
GENERAL NOTES  
A. INFORMATION PRESENTED IN THIS SCHEDULE IS BASED ON EQUIPMENT SELECTED BY THE MECHANICAL ENGINEER DURING THE DESIGN PROCESS (PRE-BID). THE ACTUAL EQUIPMENT SELECTED BY MECHANICAL CONTRACTOR UNDER THIS CONTRACT MAY BE DIFFERENT. COORDINATE WITH MECHANICAL EQUIPMENT SUBMITTALS FOR ACTUAL LOADS AND PROVIDE OVERCURRENT PROTECTIVE DEVICES AND CIRCUIT SIZES AS REQUIRED BY THE EQUIPMENT MANUFACTURER PRIOR TO ORDERING MATERIALS OR ROUGH-IN.  
B. ALL DISCONNECTS ARE FUSED, U.O.N. CONFIRM FUSE SIZE WITH EQUIPMENT MANUFACTURER.  
C. LOCATE ALL DISCONNECTING MEANS PER 2014 NEC 430.102(B) AND AHJ REQUIREMENTS.  
D. ABBREVIATIONS:  
AS: AMPERE SWITCH  
HRS: HORSEPOWER RATED MOTOR DISCONNECT WITH OVERLOAD PROTECTION.



**GENERAL NOTES**

- REFER TO ADDITIONAL NOTES ON DRAWING E0.2.
- THE UNDERLINED LUMINAIRE IN THE SCHEDULE REPRESENTS THE "BASIS OF DESIGN". ALL OTHER MANUFACTURERS LISTED MUST MEET OR EXCEED ALL REQUIREMENTS OF THE BASIS OF DESIGN.
- VERIFY THE VOLTAGE OF ALL LUMINAIRES. REFER TO PLANS FOR SPECIFIC VOLTAGE REQUIREMENTS.
- ALL LUMINAIRES TO BE PROVIDED WITH ALL ROUGH-IN AND TRIM ASSEMBLIES FOR A COMPLETE INSTALLATION.
- ALL LUMINAIRES TO BE PROVIDED WITH A CUSTOM COLOR/FINISH AS SELECTED BY THE ARCHITECT, UNLESS OTHERWISE NOTED.
- ALL LUMINAIRES TO BE UL LISTED AND LABELED. EXTERIOR LUMINAIRES TO BE UL "WET" LABELED.
- LUMINAIRES SHALL BE PROVIDED WITH AN INTERNAL DISCONNECTING MEANS WHICH COMPLIES WITH NEC ARTICLE 410.
- ALL FLUORESCENT AND HID BALLASTS TO BE PROVIDED WITH AN IN-LINE FUSE.
- ALL LUMINAIRES TO HAVE AN INTEGRAL BALLAST UNLESS A REMOTE BALLAST IS SPECIFIED.
- TANDEM OR THROUGH-WIRED BALLASTS ARE NOT ALLOWED. PROVIDE A SEPARATE BALLAST FOR EVERY 4' LUMINAIRE "SECTION".
- PROVIDE WIRE GUARDS AND PLASTIC LAMP SLEEVES FOR ALL FLUORESCENT LINEAR STRIP LUMINAIRES.
- FOR HID LUMINAIRES FED FROM THE GENERATOR PROVIDE QUARTZ RESTRIKE WITH STANDBY TIME DELAY PER UL 1598. QUARTZ LAMP IS KEPT ON UNTIL THE HID LAMP REACHES 80% OF FULL LIGHT OUTPUT.
- ALL METAL HALIDE LAMPS/BALLASTS SHALL BE PULSE START.
- PROVIDE GLARE SHIELDS FOR ALL POLE MOUNTED LUMINAIRE.
- THE CONTRACTOR SHALL REVIEW THE ARCHITECTURAL INTERIOR ELEVATIONS AND THE CASEWORK MANUFACTURER SHOP DRAWINGS TO DETERMINE THE LENGTH OF UNDER CABINET LUMINAIRE.
- REFER TO ARCHITECTURAL ELEVATIONS TO DETERMINE PENDANT LENGTH.
- REFER TO THE SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- AIM ADJUSTABLE LUMINAIRES AS DIRECTED BY THE ENGINEER.

**SPECIAL REQUIREMENTS FOR ALL LED LUMINAIRES**

- LUMINAIRES SHALL BE CERTIFIED BY ENERGY STAR, DESIGN LIGHTS CONSORTIUM, OR THE LIGHTING DESIGN LAB LED CERTIFICATION PROGRAM.
- MINIMUM CRI SHALL BE 80.
- MANUFACTURER SHALL PROVIDE A 5-YEAR WARRANTY.
- LUMINAIRES SHALL COMPLY WITH ROHS (RESTRICTION OF THE USE OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT) REGULATIONS. APPLICABLE FOR LEED PROJECTS ONLY.
- MINIMUM LUMENS PER WATT EFFICACY SHALL BE 65%.

**SUBSTITUTIONS**

- NO POST BID SUBSTITUTIONS WILL BE CONSIDERED.
- WHERE ONLY ONE MANUFACTURER IS LISTED, PRE-BID SUBSTITUTIONS WILL ONLY BE CONSIDERED IF A SAMPLE OF THE FIXTURE IS PROVIDED.

**LIGHTING TYPE NOMENCLATURE**

EXAMPLE DESIGNATION: RA1

FUNCTION: E = EMERGENCY (EXIT SIGNS, BUGEYES)  
C = COVE  
D = DOWNLIGHT  
H = HANGING/PENDANT  
R = RECESSED  
S = SURFACE  
U = UNDERCABINET  
T = TRACK  
W = WALL

PHASE: P = POLE  
B = BOLLARD/POST  
G = IN-GROUND (INGRADE)

EXEMPT: X = EXEMPT  
Z = CUSTOM

VARIANT: (1-9)  
TYPE: (A-Z)

**COFFMAN ENGINEERS**  
1101 2nd Avenue, Suite 400  
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www.coffman.com

OWNER:  
**MultiCare**  
BetterConnected

PROJECT NAME:  
**MultiCare GSMOB Women's Clinic T.I.**

1450 5th St SE  
Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/21/2022	PERMIT SUBMITTAL #1
Δ	8/11/2022	REV #1
	10/27/2022	REV #4

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DRAWN BY:  
DATE: 27 OCT 2022  
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SHEET TITLE:  
**LUMINAIRE & MECHANICAL SCHEDULES**

SHEET #:  
**E0.3**

**LIGHTING COMPLIANCE SUMMARY**

2018 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1 -- Administered by ©2022 NEEA, All rights reserved

Project Title: MULTICARE GSMOB ORTHOPEDICS & SPORTS MEDICINE CLINIC T.I. - 2018 WSEC  
 Project Address: 1450 5TH ST SE, PUYALLUP, WA 98372  
 Applicant Name: Coffman Engineers  
 Applicant Phone: 206-234-7171  
 Applicant Email: Seattle@CECoffman.com

For Building Department Use: Date: Aug 09, 2022

General Occupancy: All Commercial  
 General Building Use Type: Healthcare, Hospital  
 Building Cond. Floor Area: 1,493  
 Project Cond. Floor Area: 1,493  
 Alteration Lighting Scope: Interior Lighting  
 Floors Above Grade: 4  
 Compliance Method: Compliance Method 1 - General

Lighting Project Description: NEW LED FIXTURES

Lighting Compliance Scope and Method: Alteration  
 Project Type: Interior / Exterior (Interior includes both interior & parking)  
 Linaire Replacement Scope: 50% or more replaced  
 Compliance Method: Building area  
 LPA Calculation Adjustment: No Calculation Adjustments allowed  
 Compliance Verification: COMPLEES

Additional Efficiency Options Included: Reduced lighting power density credit

Project Title: MULTICARE GSMOB ORTHOPEDICS & SPORTS MEDICINE CLINIC T.I. - 2018 WSEC  
 Date: Aug 09, 2022

Lighting Power Calculation: ALTERATION - INTERIOR LIGHTING (50% or more replaced)  
 Compliance Verification: COMPLEES

Compliance Method: Building area  
 LPA Calculation Adjustment: none

Interior Lighting Power Allowance - Building Area				
Building Areas	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)	Total Proposed Watts By Building Area
Hospital	1,493	0.84	1,254	1,151

Compliance Status by Building Area: COMPLEES

Proposed Lighting Power Density								
Fixture Type/Application	Fixture ID	Building Area	New or Existing-Remain	Quantity of Fixtures, CLDs or Luminaires (QF)	Watts per Fixture, CLD or Linaire (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (QF x WpF) or (LF x WpLF)
Individual Fixtures								
Recessed downlight	RB1E	Hospital	New	5	44			220
Recessed downlight	RA1	Hospital	New	20	38			760
Recessed downlight	RB1	Hospital	New	3	44			132
Wall-mounted	WA1	Hospital	New	1	21			21
Other fixture type	DA1	Hospital	New	1	18			18

Project Title: MULTICARE GSMOB ORTHOPEDICS & SPORTS MEDICINE CLINIC T.I. - 2018 WSEC  
 Date: Aug 09, 2022

Proposed Fixtures Details: ALTERATION - INTERIOR LIGHTING (50% or more replaced)

Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-Remain
Individual Fixtures					
Recessed downlight	RB1E	E2.1	LED	Hospital	New

Fixture Description	Are these fixtures located within a daylight zone? No
Fixture Description: 2X3 RECESS MOUNT GASKETED LED LUMINAIRE WITH LEM Do these fixtures require specific application lighting controls? None required	
Recessed downlight RA1 E2.1 LED Hospital New	
Fixture Description: 2X4 RECESS MOUNT GASKETED LED LUMINAIRE Do these fixtures require specific application lighting controls? None required	
Recessed downlight RB1 E2.1 LED Hospital New	
Fixture Description: 2X2 RECESS MOUNT GASKETED LED LUMINAIRE Do these fixtures require specific application lighting controls? None required	
Wall-mounted WA1 E2.1 LED Hospital New	
Fixture Description: WALL MOUNT LINEAR LED VANITY LUMINAIRE Do these fixtures require specific application lighting controls? None required	
Other fixture type DA1 E2.1 LED Hospital New	
Fixture Description: RECESS MOUNT LED DOWNLIGHT LUMINAIRE Do these fixtures require specific application lighting controls? None required	



**Lighting, Motor and Electrical Requirements List, pg 1 of 10**

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Project: MULTICARE GSMOB ORTHOPEDICS & SPORTS MEDICINE CLINIC T.I. - 2018 WSEC  
 1450 5TH ST SE, PUYALLUP, WA 98372  
 Date: 2022-06-29

Applies	Code Section	Component	Compliance Information Required In Permit Documentation	Location in Documents	Building Department Notes
<b>LIGHTING SCOPE</b>					
NA	C103.1	Construction documents - General	For a shell & core or tenant space (first build-out) project, indicate if there is no lighting scope included in the project.		
YES	C103.1	Construction documents - General	For an alteration project, indicate if there is no lighting scope included in the project.	E0.2	
<b>LIGHTING CONTROLS</b>					
YES	C405.2	Lighting controls, general	For all lighting fixtures, indicate lighting control method on plans for spaces and lighting zones) served, or exception taken	E2.1	
NA	C405.2, Option 2	Luminaire level lighting controls (LLLC)	Indicate on plans all fixtures provided with LLLC in lieu of C405.2 lighting controls; provide description of control capabilities and performance parameters		
NA	C405.2.5, Item 3 C405.2.1.1 C405.2.3.1	Lighting in dwelling units (dormitory, hotel and all other than multifamily) or light reduction controls	Indicate method of automatic control of all installed luminaires in dwelling units in buildings other than multifamily (occupancy or light reduction controls)		
NA	C405.2.5, Item 2	Lighting in sleeping units	Indicate method of automatic off control of all installed luminaires in sleeping units (vacancy or key card control); also refer to Receptacles		
YES	C405.2.3 C405.2.3.1 C405.2.5	Manual controls	Indicate on plans the method of manual lighting control, location of manual control device and the area or specific application it serves	E2.1	
NA	C405.2.3.1 C405.2.1.1 C405.2.4	Manual interior light reduction controls	Indicate on plans which method of manual 50% lighting load reduction is provided, or indicate applicable exception		
YES	C405.2.1 C405.2.2.1 C405.2.1, Exception 3	Method of automatic shut-off control	Indicate on plans the method of automatic shut-off control during unoccupied periods (occupancy sensor, time switch or digital timer switch) for all lighting zones	E2.1	
YES	C405.2.1	Occupant sensor controls	Indicate on plans all luminaires that are controlled by occupant sensor controls; indicate controls are configured to turn luminaires 100% off when the space is unoccupied	E2.1	
YES	C405.2.1 C405.2.1.1	Occupant sensor controls	Indicate if occupant sensor controls are configured to be manual on or automatic on to not more than 50% power; indicate spaces eligible for exception that allows automatic on to 100% power	E2.1	

**Lighting, Motor and Electrical Requirements List, pg 2 of 10**

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NA	C405.2.1.2	Occupant sensor controls - warehouses spaces	Indicate each aisleway and corridor within a warehouse space are designated as separate zones that are independently controlled		
NA			Indicate occupant sensors are configured to automatically reduce lighting power by 50% when the zone is unoccupied and 100% off after the zone is unoccupied for over 20 minutes; indicate controls are configured to automatically restore lighting to full power when the zone or space is occupied		
NA	C405.2.1.3	Occupant sensor controls - open plan office areas	For open plan office areas larger than 300 sf, indicate general lighting is provided with vacancy controls that reduce lighting power by not less than 80% and are configured to turn luminaires 100% off when the space is unoccupied; indicate that no individual control zone area exceeds 600 sf		
NA	C405.2.1.4	Occupant sensor controls - parking garages	Indicate parking garage general lighting is provided with vacancy controls that reduce lighting power by not less than 30% and are configured to turn luminaires 100% off when no vehicles or pedestrians are present, unless eligible for an exception; indicate that no individual control zone area exceeds 3,600 sf		
NA	C405.2.1.5	Occupant sensor controls - enclosed fire-rated stairwells	Indicate stairway lighting is provided with vacancy controls that reduce lighting power by not less than 50% when the stairway is unoccupied		
NA	C405.2.2.1	Automatic time switch controls	Indicate spaces on plans where time switch controls turn luminaires 100% off during unoccupied hours		
NA			Indicate spaces on plans where time switch controls are configured to turn on lighting to full power versus 50% power		
NA			Indicate locations of override switches on plans and the lighting zone(s) served; indicate that the area(s) served by each override switch does not exceed 5,000 sf		
YES	C405.2.1, Exception 3	Digital timer switch	Indicate digital timer switch control includes: manual on/off, time delay, audible and visual indication of impending time-out	E2.1	
NA	C405.2.4.2 C405.2.4.3	Daylight zones - Sidelit and toplit	Indicate primary and secondary sidelit daylight zone floor areas on plans		
NA			Indicate toplit daylight zone floor areas on plans		
NA			For small vertical fenestration assemblies (rough opening less than 10 percent of primary daylight zone floor area) where daylight responsive controls are not required, provide fenestration area to daylight zone floor area calculation(s)		

**Lighting, Motor and Electrical Requirements List, pg 3 of 10**

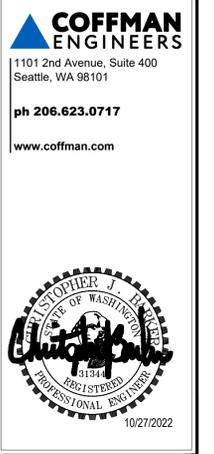
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NA	C405.2.4	Daylight responsive controls	Indicate on plans lighting zone(s) served by daylight responsive controls; indicate that the area served by each control device does not exceed 2,500 sf		
NA			Identify sidelit and toplit daylight zones that are not provided with daylight sensing controls and the exception(s) that apply		
NA	C405.2.4.1.1	Daylight responsive controls	Indicate on plans the lighting load reduction method (continuous dimming, or stepped dimming that provides at least two even steps between 0% - 100% of rated power)		
NA	C405.2.4.1	Daylight responsive controls	Indicate that daylight sensing controls are configured to completely shut off all controlled lights in the lighting zone		
NA	C405.2.5	Additional controls - Specific application lighting controls	Identify spaces and lighting fixtures on plans that require specific application lighting controls per this section		
NA	C405.2.5, Item 1	Display and accent lighting	Indicate on plans that manual controls are provided that control display, accent lighting and display case lighting independently from both general area lighting and other lighting applications within the same space		
NA			Indicate manual and automatic (occupant sensor or time switch) lighting control methods		
NA	C405.2.5, Item 3	Hotel/motel guest rooms	Indicate method of automatic control - vacancy or captive key control of all installed luminaires and switched receptacles in guest rooms		
NA	C405.2.5, Item 1	Supplemental task lighting	Indicate method and location of manual and automatic shut-off control (occupant sensor or time switch) for supplemental task lighting, including under-shelf or under-cabinet lighting		
NA	C405.2.5, Item 1	Lighting equipment for sale or demonstration	Indicate on plans that lighting equipment for sale or demonstration are controlled independently from both general area lighting and other lighting applications within the same space		
NA			Indicate manual and automatic (occupant sensor or time switch) lighting control methods		
NA	C405.2.5, Item 4	Lighting for non-visual applications	Identify all eligible non-visual lighting applications on plans; indicate that the area served by each control device does not exceed 4,000 sf		
NA			Indicate on plans that non-visual lighting are controlled independently from both general area lighting and other lighting applications within the same space		

**Lighting, Motor and Electrical Requirements List, pg 4 of 10**

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NA			Indicate method of manual lighting control and applicable automatic lighting control		
YES	C405.2.5, Item 5	Means of egress lighting	Identify on plans egress fixtures that function as both normal and emergency means of egress illumination		
YES			Provide calculation of lighting power density of total egress lighting	E2.1	
YES			If total egress lighting power density is greater than 0.02 W/sq. ft., indicate on plans egress fixtures requiring automatic shut-off during unoccupied periods	E2.1	
YES			Indicate method of automatic shut-off control	E2.1	
YES	C405.4.1 C405.4.2	Lighting control of exempt interior lighting	Indicate that exempt interior lighting equipment and lighting located within spaces that are eligible for a lighting power exemption are controlled independently from non-exempt and general area lighting	E2.1	
NA	C405.2.6	Exterior lighting controls	For decorative exterior lighting, indicate on plans automatic daylight shut-off controls, or exception taken		
NA			For exterior lighting that is not decorative, indicate on plans automatic daylight or time-switch shut-off controls and setback controls; or indicate exception taken		
NA			For lighting requiring setback controls, include control sequence that reduces lighting power by at least 30% between 12am-6am, or from 1 hour after closing to 1 hour before opening, or based upon motion sensor		
NA			For building facade and landscape lighting, indicate control sequence for shut-off control is based on dawn-to-dusk and business opening/closing schedule; indicate whether automatic or time switch controls will be provided for this function		
NA	C405.5.2	Lighting control of exempt exterior lighting	Indicate that exempt exterior lighting and lighting located within exterior areas/surfaces that are eligible for a lighting power exemption are controlled independently from non-exempt exterior lighting		
NA	C405.5.4	Exterior gas-fired lighting appliances	Indicate ignition system is a method other than continuously burning pilot light		
NA	C405.2.7	Area controls - Master control switches and circuit power limit	Indicate location(s) of master control switch(es) intended to control multiple independent switches; circuit breaker may not be used as a master control switch		
NA			Verify that no 20 amp circuit controlled by a single switch or automatic control is loaded beyond 80%		



OWNER:  
**MultiCare**  
 BetterConnected

PROJECT NAME:  
**MultiCare GSOB Women's Clinic T.I.**

1450 5th St SE  
 Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/21/2022	PERMIT SUBMITTAL #1
△	8/11/2022	REV #1
	10/27/2022	REV #4

PROJECT NO. 220992  
 DRAWN BY:  
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SHEET #:  
**E0.4**

**Lighting, Motor and Electrical Requirements List, pg 5 of 10**

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NA	C406.4	Enhanced digital lighting controls	To comply with additional efficiency credit, indicate on plans that interior lighting fixtures are configured with all of the following control functions, as applicable: 1) Each fixture is individually addressed, or exception taken; 2) Fixtures are configured for continuous dimming; 3) No more than eight fixtures are controlled by a single daylight sensor; 4) In enclosed and open office areas, illumination levels of overhead general area lighting is configured to be individually adjusted by occupants		
NA			Include calculations that demonstrate the total lighting power of all interior lighting fixtures configured with enhanced lighting controls is no less than 90% of the total interior lighting power for the area the enhanced lighting controls credit is being applied to		
<b>INTERIOR LIGHTING POWER &amp; EFFICACY</b>					
YES	C405.4.1 C405.4.2	Total connected interior lighting power	Include all luminaires in interior lighting fixture schedule; indicate fixture types, lamps, ballasts, and manufacturer's watts per fixture for the installed lamp	E0.3	
NA			Identify spaces eligible for lighting power exemption on plans and in WSEC interior lighting compliance reports; indicate the exception applied		
NA			Identify lighting equipment eligible for lighting power exemption in fixture schedule and in WSEC interior lighting compliance reports; indicate the exception applied		
NA	C405.1 C405.1.1	Lighting in dwelling units (multifamily)	For all installed luminaires, include lamp type and number of lamps in lighting fixture schedule; for lamps that are not LED, T-8 or small diameter fluorescent, indicate efficacy of other lamp types is 65 lumens per watt or greater		
NA			For all installed luminaires, indicate in lighting fixture schedule whether complying via lighting power density or by qualifying lamp type; if by lamp type, include number of lamps		
NA			For all installed luminaires, indicate in lighting fixture schedule whether complying via lighting power density or by qualifying lamp type; if by lamp type, include number of lamps		
<b>INTERIOR LIGHTING POWER CALCULATION - INDICATE COMPLIANCE PATH TAKEN</b>					
YES	C405.4.2.1	Building Area Method	Demonstrate that total proposed wattage per building area does not exceed maximum allowed wattage per building area; identify locations of building areas on plans; provide WSEC exterior lighting compliance reports	E0.4	

**Lighting, Motor and Electrical Requirements List, pg 6 of 10**

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NA	C405.4.2.2	Space-By-Space Method	Demonstrate that total proposed wattage does not exceed maximum allowed wattage; identify locations of space types on plans, including retail display areas and areas with display, highlight and decorative lighting; provide WSEC exterior lighting compliance reports		
<b>ADDITIONAL EFFICIENCY CREDITS - REDUCED INTERIOR LIGHTING POWER DENSITY</b>					
NA	C406.3.1 C406.3.2	Reduced interior lighting power density	To comply with additional efficiency credit, demonstrate that total connected interior lighting wattage is 10% or 20% less than the total maximum allowed lighting wattage for the area the reduced lighting power credit is being applied to; indicate whether lighting power allowance is based on the building area method or space-by-space method; provide WSEC exterior lighting compliance reports		
NA	C406.3	Reduced interior lighting power density - dwelling unit lamp efficacy	For project with dwelling units, to comply with additional efficiency credit indicate in lighting fixture schedule that lamps within installed interior luminaires have an efficacy rating of at least 65 lumens per watt; include number of lamps and provide calculations that demonstrate at least 95% of lamps have this efficacy rating		
<b>EXTERIOR LIGHTING POWER &amp; EFFICACY</b>					
NA	C405.5.2	Total connected exterior lighting power	Include all luminaires in exterior lighting fixture schedule; indicate fixture types, lamps, ballasts, and manufacturer's watts per fixture for the installed lamp		
NA			Identify exterior applications eligible for lighting power exemption on plans and in WSEC exterior lighting compliance reports; indicate exception applied		
NA	C405.5.3(1)	Exterior lighting zone	Indicate building exterior lighting zone as specified by the AHJ		
NA	C405.5.1	Exterior building grounds lighting	For building grounds fixtures rated at greater than 50 watts, indicate rated lamp efficacy (in lumens per watt) in fixture schedule		
<b>EXTERIOR LIGHTING POWER CALCULATION</b>					
NA	C405.5.3	Trailable allowances	Demonstrate that total proposed trailable surface wattage does not exceed maximum allowed trailable surface wattage (including base site allowance); identify locations of trailable surfaces on plans; provide WSEC exterior lighting compliance reports		

**Lighting, Motor and Electrical Requirements List, pg 7 of 10**

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NA			Demonstrate that proposed wattage per non-trailable surface type does not exceed maximum allowed wattage per non-trailable surface type (including base site allowance remaining after trailable allowance calculation); identify locations of non-trailable surfaces on plans; provide WSEC exterior lighting compliance reports		
<b>LIGHTING ALTERATIONS</b>					
YES	C503.6.1	Interior and parking garage lighting fixture alterations	Where ≥ 50% of existing luminaires in an interior space or parking garage are replaced; indicate compliance path (building area or space-by-space method); include all new and existing-to-remain luminaires in WSEC interior lighting compliance reports; indicate proposed lighting wattage does not exceed maximum allowed per compliance path	E2.1	
NA			Where < 50% of existing luminaires in an interior space or parking garage are replaced; indicate total existing lighting wattage in each space prior to alteration; include all new and existing-to-remain luminaires in WSEC interior lighting compliance reports; indicate proposed total lighting wattage in alteration area does not exceed total existing lighting wattage prior to alteration		
NA			Where ≥ 50% of existing exterior lighting wattage is replaced; include all new and existing-to-remain luminaires in WSEC exterior lighting compliance reports; indicate proposed total exterior lighting wattage does not exceed maximum allowed		
NA			Where < 50% of existing exterior lighting wattage is replaced; indicate total existing lighting wattage prior to alteration; include all new and existing-to-remain luminaires in WSEC interior exterior compliance reports; indicate proposed total exterior lighting wattage does not exceed total existing wattage prior to alteration		
YES	C503.6.2	Interior lighting wiring and circuiting alterations	Where new wiring is installed to serve new interior luminaires and for luminaires are relocated to a new circuit; indicate manual and automatic lighting controls are provided (as applicable) - manual (C405.2.3); occupancy sensor (C405.2.1); light reduction (C405.2.3); daylight responsive (C405.2.4); specific application (C405.2.5)	E2.1	
NA			Where new wiring is installed to serve new exterior luminaires and for luminaires are relocated to a new circuit; indicate automatic lighting controls are provided (C405.2.6)		

**Lighting, Motor and Electrical Requirements List, pg 8 of 10**

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NA	C503.6.3	Lighting panel alterations	Where a new interior and/or exterior lighting panel is installed or an existing panel is moved (all new raceway and conductor wiring), indicate all applicable lighting controls requirements apply		
NA	C503.6.4	Newly-created rooms	Where interior space(s) is reconfigured (permanently installed walls or ceiling-height partitions) to create new enclosed spaces, indicate all applicable lighting controls requirements apply		
NA	C504.2	Lighting repairs	Identify existing luminaires being upgraded with bulb and / or ballast replacement; indicate fixture alteration does not increase existing fixture wattage		
NA	C505.1	Change of interior space use	Identify spaces on plans where the building area type or space use type is being changed from one type to another per Tables C405.4.2(1) or (2)		
NA			Indicate compliance method (building area or space-by-space); include all new and existing-to-remain luminaires in WSEC interior lighting compliance reports; indicate proposed lighting wattage does not exceed maximum allowed per compliance path		
<b>RECEPTACLES</b>					
YES	C405.10	Controlled receptacles	Identify all controlled and uncontrolled receptacles on electrical plans in each space in which they are required; include receptacle configuration such as spacing between controlled and uncontrolled, duplex devices, etc	E3.1	
YES			Provide schedule that lists the number of controlled and uncontrolled receptacles in each space where controlled receptacles are required - classrooms, private offices, open office areas, conference rooms, copy rooms, break rooms and modular partitions/workstations	E3.1	
YES			Indicate on plans the method of automatic control for each controlled receptacle zone (occupant sensor or programmable time-of-day control); indicate that each zone served by a single controller does not exceed 5,000 sf	E3.1	
NA	C405.2.5, Item 2	Switched receptacles in sleeping units	Indicate method of automatic off control of all switched receptacles in sleeping units (vacancy or key card control)		
NA	C503.6.6	Electrical receptacle alterations	Where new receptacles are added or replaced within an alteration project that is 5,000 sf or larger, indicate receptacles are provided with automatic controls per C405.10, or exception taken		
<b>MOTORS, TRANSFORMERS, ELECTRIC METERS, INTERIOR TRANSPORTATION</b>					

**Lighting, Motor and Electrical Requirements List, pg 9 of 10**

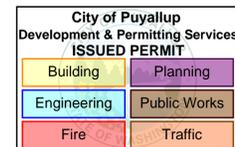
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NA	C405.6	Electrical transformers	Include electrical transformer schedule on electrical plans; indicate transformer type, size, efficiency, or exception taken		
YES	C405.11	Feeders and branch circuits	Provide documentation that demonstrates maximum voltage drop across feeders and branch circuits does not exceed 5%		
NA	C405.7	Dwelling unit electrical energy consumption	Indicate on electrical plans that each dwelling unit in Group R-2 has a separate electrical energy meter		
NA	C405.8	Electric motor efficiency	Include all motors, including fractional hp motors, in electric motor schedule on electrical plans; indicate motor type, horsepower, rpm, and efficiency, or exception applied		
NA	C405.9.1	Elevator cabs	For luminaires in each elevator cab, provide calculations that demonstrate average efficacy is not less than 35 lumens per watt		
NA			For elevators that do not have an integral air conditioning system, indicate rated watts per cfm for elevator cab ventilation fans do not exceed 0.33 watts per cfm		
NA			Indicate automatic controls that de-energize lighting and ventilation fans when elevator is stopped and unoccupied for a period of 15 minutes or more		
NA	C405.9.2	Escalators and moving walks	Indicate escalators comply with ASME A17.1/CSA B44; automatic controls are configured to reduce operational speed to the minimum permitted when not in use		
NA	C405.9.3	Regenerative drive	Indicate all one-way down or reversible escalators are provided with a variable frequency regenerative drive		
<b>DOCUMENTATION AND SYSTEM REQUIREMENTS TO SUPPORT COMMISSIONING (CX)</b>					
YES	C408.4	Scope of electrical power and lighting systems commissioning	Indicate that all electrical systems (receptacles, transformers, motors, vertical and horizontal transportation) for which the WSEC requires control functions and / or configuration to perform specific functions are required to be commissioned		
YES			Where total building lighting load is > 20 kW, or where total lighting load of luminaires requiring daylight sensing and / or occupancy control > 10 kW, indicate that all automatic lighting control systems are required to be commissioned; or provide building lighting power calculation demonstrating eligibility for exception		
YES	C405.13 C408.1.1 C408.1.2 C408.1.4.2 C103.6.3	Commissioning requirements in construction documents	Indicate CX requirements in plans and specifications for all applicable electrical and lighting control systems per C408		

**Lighting, Motor and Electrical Requirements List, pg 10 of 10**

2018 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 -- Administered by ©2022 NEEA. All rights reserved. The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions. For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

YES	C408.1.2 C408.1.2.1 C408.1.4 C103.6.3	Commissioning requirements in construction documents	Include general summary of CX plan per C408.1.2 including: 1) Narrative description of activities; 2) Responsibilities of the CX team; 3) Schedule of activities including verification of project close out documentation per C103.6; 4) Conflict of interest plan (if required)		
YES	C408.1.2 C408.1.4 C103.6.3	Commissioning requirements in construction documents	Include in general summary that a CX project report and Compliance Checklist (Figure C408.1.4.1) shall be completed by the Certified CX Professional and provided to the owner prior to the final electrical inspection		
YES	C408.4.1	Functional performance testing criteria	Identify in plans and specifications the intended operation of all equipment and controls during all modes of operation, including interfacing between new and existing-to-remain systems		
<b>PROJECT CLOSE OUT DOCUMENTATION</b>					
YES	C103.6.3	Project close out documentation requirements	Indicate in plans that project close out documentation is required including WSEC lighting compliance reports that document all interior and exterior lighting area and / or surface types, lighting power allowances and installed densities		
If "no" is selected for any question, provide explanation.					



**COFFMAN ENGINEERS**  
1101 2nd Avenue, Suite 400  
Seattle, WA 98101  
ph 206.623.0717  
www.coffman.com

OWNER:  
**MultiCare**  
Better Connected  
PROJECT NAME:  
**MultiCare GSMOB Women's Clinic T.I.**  
1450 5th St SE  
Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/21/2022	PERMIT SUBMITTAL #1
△	8/11/2022	REV #1
	10/27/2022	REV #4

PROJECT NO. 220992  
DRAWN BY:  
DATE: 27 OCT 2022  
COPYRIGHT TO:  
SHEET TITLE:  
**NREC**  
SHEET #:  
**E0.5**





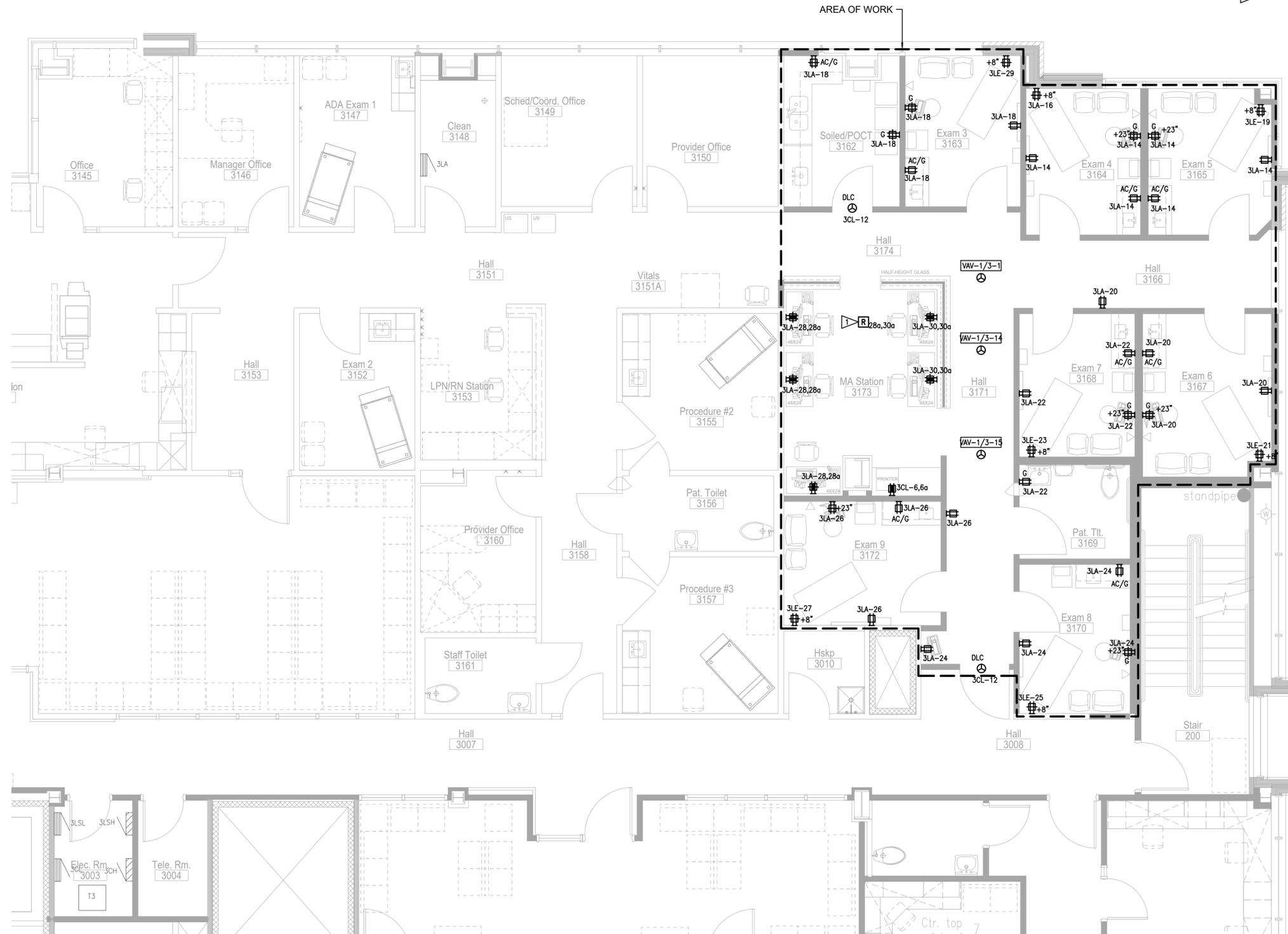


**GENERAL NOTES**

1. REFER TO ARCHITECTURE ELEVATION FOR RECEPTACLE/DATA MOUNTING HEIGHT.
2. PROVIDE TAMPER RESISTANT RECEPTACLE IN ALL PUBLIC AND EXAM ROOMS.

**FLAG NOTES**

- ▶ PROVIDE RELAY INTERFACED WITH THE LIGHTING CIRCUIT IN THIS SPACE TO TURN SWITCHED RECEPTACLES ON/OFF.
- ▶ EXISTING EQUIPMENT TO REMAIN.



**3RD FLOOR POWER PLAN**  
SCALE: 1/4" = 1'-0"



OWNER:



PROJECT NAME:

**MultiCare  
GSMOB  
Women's  
Clinic T.I.**

1450 5th St SE  
Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/21/2022	PERMIT SUBMITTAL #1
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**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

PROJECT NO. 220992

DRAWN BY:

DATE: 27 OCT 2022

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SHEET TITLE:

**3RD FLOOR  
POWER PLAN**

SHEET #:

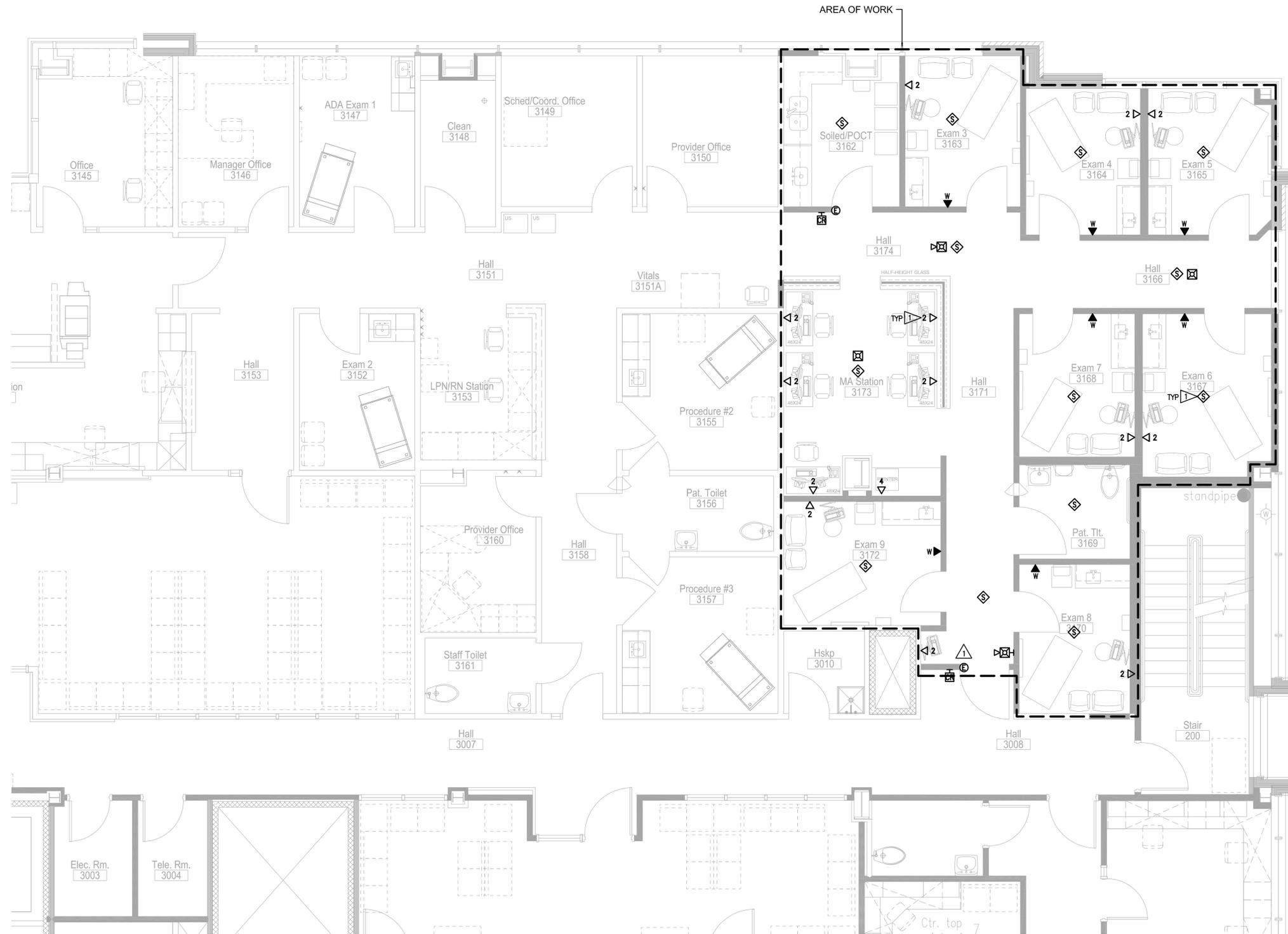
**E3.1**

**GENERAL NOTES**

1. REFER TO ARCHITECTURE ELEVATION FOR DATA/NURSE CALL LOCATION & MOUNTING HEIGHT.

**FLAG NOTES**

- ▶ PROVIDE CONNECTION TO EXISTING SYSTEM.



City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**3RD FLOOR SYSTEMS PLAN**  
SCALE: 1/4" = 1'-0"



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PROJECT NAME:  
**MultiCare  
GSMOB  
Women's  
Clinic T.I.**

1450 5th St SE  
Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/21/2022	PERMIT SUBMITTAL #1
▲	8/11/2022	REV #1
	10/27/2022	REV #4

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SHEET TITLE:  
**3RD FLOOR  
SYSTEMS PLAN**

SHEET #:  
**E4.1**



10/27/2022

OWNER:



PROJECT NAME:

**MultiCare  
GSMOB  
Women's  
Clinic T.I.**

1450 5th St SE  
Puyallup, WA 98372

MARK	DATE	DESCRIPTION
	7/21/2022	PERMIT SUBMITTAL #1
△	8/11/2022	REV #1
	10/27/2022	REV #4

PROJECT NO. 220992

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**ONE-LINE  
DIAGRAM**

SHEET #:

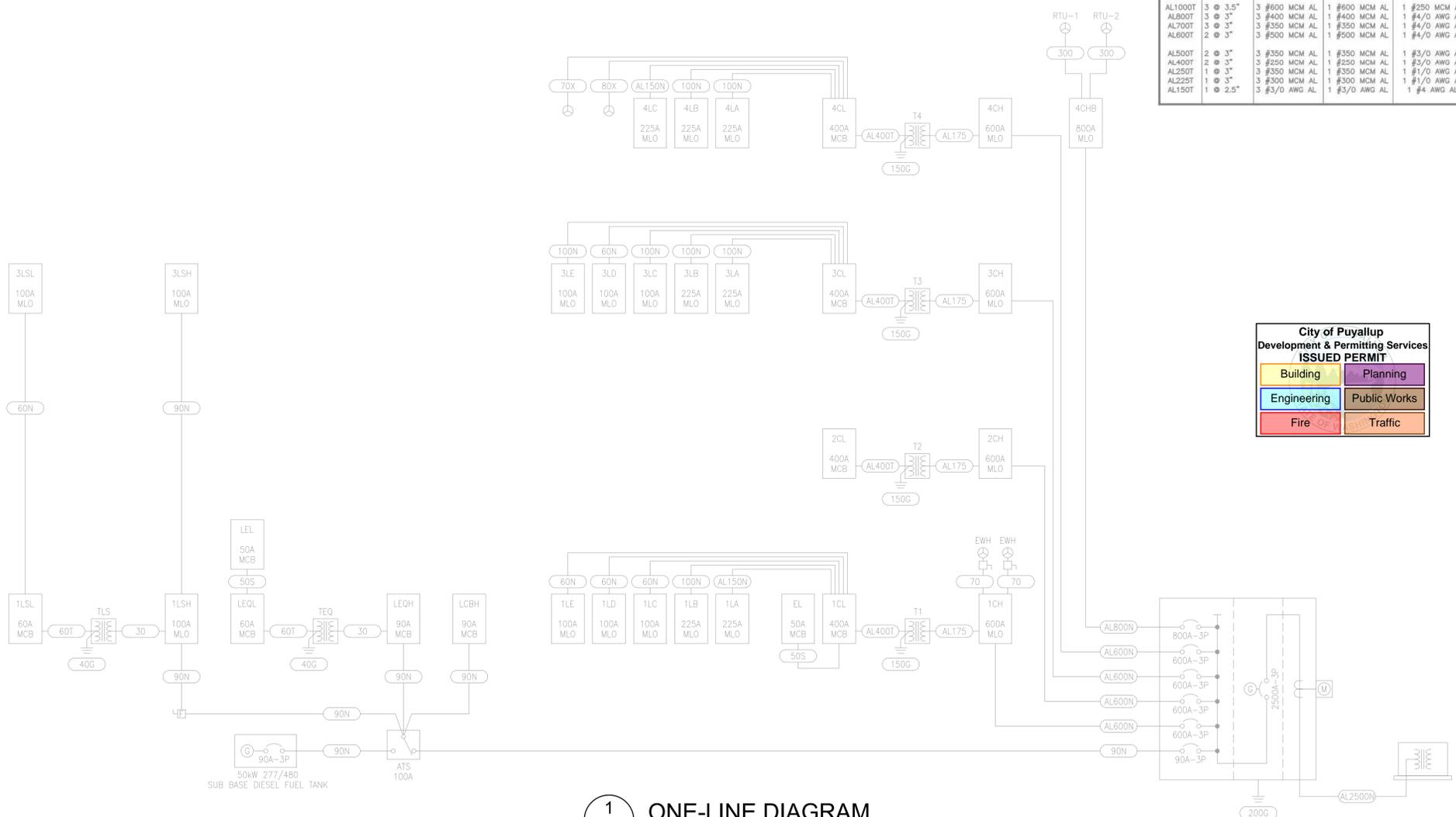
**E5.1**

**Aluminum Feeder Schedule:**

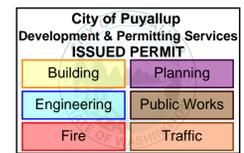
Feeder Number	Conduit Qty & Size	Phase Cond Qty & Size	Neut Cond Qty & Size	Ground Cond Qty & Size
<b>3 phase with neutral</b>				
AL3000N	9 @ 3.5"	3 #600 MCM AL	1 #600 MCM AL	1 #600 MCM AL
AL2500N	7 @ 3.5"	3 #700 MCM AL	1 #700 MCM AL	1 #600 MCM AL
AL2000N	6 @ 3.5"	3 #600 MCM AL	1 #600 MCM AL	1 #400 MCM AL
AL1600N	5 @ 3.5"	3 #600 MCM AL	1 #600 MCM AL	1 #350 MCM AL
AL1200N	4 @ 3"	3 #500 MCM AL	1 #500 MCM AL	1 #250 MCM AL
AL1000N	4 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #4/0 AWG AL
AL800N	3 @ 3"	3 #400 MCM AL	1 #400 MCM AL	1 #3/0 AWG AL
AL700N	3 @ 2.5"	3 #300 MCM AL	1 #300 MCM AL	1 #2/0 AWG AL
AL600N	2 @ 3"	3 #500 MCM AL	1 #500 MCM AL	1 #2/0 AWG AL
AL500N	2 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #1/0 AWG AL
AL400N	2 @ 2.5"	3 #4/0 AWG AL	1 #4/0 AWG AL	1 #1 AWG AL
AL350N	1 @ 3.5"	3 #600 MCM AL	1 #600 MCM AL	1 #1 AWG AL
AL300N	1 @ 3"	3 #500 MCM AL	1 #500 MCM AL	1 #2 AWG AL
AL250N	1 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #2 AWG AL
AL225N	1 @ 2.5"	3 #300 MCM AL	1 #300 MCM AL	1 #2 AWG AL
AL200N	1 @ 2.5"	3 #250 MCM AL	1 #250 MCM AL	1 #4 AWG AL
AL175N	1 @ 2"	3 #4/0 AWG AL	1 #4/0 AWG AL	1 #4 AWG AL
AL150N	1 @ 2"	3 #3/0 AWG AL	1 #3/0 AWG AL	1 #4 AWG AL
AL125N	1 @ 1.5"	3 #1/0 AWG AL	1 #1/0 AWG AL	1 #4 AWG AL
<b>3 phase no neutral</b>				
AL1600	5 @ 3"	3 #600 MCM AL	(None)	1 #350 MCM AL
AL1200	4 @ 3"	3 #500 MCM AL	(None)	1 #250 MCM AL
AL1000	4 @ 2.5"	3 #350 MCM AL	(None)	1 #4/0 AWG AL
AL800	3 @ 2.5"	3 #400 MCM AL	(None)	1 #3/0 AWG AL
AL700	3 @ 2.5"	3 #300 MCM AL	(None)	1 #3/0 AWG AL
AL600	2 @ 3"	3 #500 MCM AL	(None)	1 #2/0 AWG AL
AL500	2 @ 2.5"	3 #350 MCM AL	(None)	1 #1 AWG AL
AL350	1 @ 3"	3 #600 MCM AL	(None)	1 #1 AWG AL
AL300	1 @ 3"	3 #500 MCM AL	(None)	1 #2 AWG AL
AL250	1 @ 2.5"	3 #350 MCM AL	(None)	1 #2 AWG AL
AL225	1 @ 2"	3 #300 MCM AL	(None)	1 #2 AWG AL
AL200	1 @ 2"	3 #250 MCM AL	(None)	1 #4 AWG AL
AL175	1 @ 2"	3 #4/0 AWG AL	(None)	1 #4 AWG AL
AL150	1 @ 1.5"	3 #3/0 AWG AL	(None)	1 #4 AWG AL
AL125	1 @ 1.25"	3 #1/0 AWG AL	(None)	1 #4 AWG AL
<b>Single Phase no neutral</b>				
AL200S	1 @ 1.5"	2 #250 MCM AL	(None)	1 #4 AWG AL
AL175S	1 @ 1.5"	2 #4/0 AWG AL	(None)	1 #4 AWG AL
AL150S	1 @ 1.25"	2 #3/0 AWG AL	(None)	1 #4 AWG AL
AL125S	1 @ 1.25"	2 #1/0 AWG AL	(None)	1 #4 AWG AL
<b>Transformer Secondary Feeder</b>				
AL1000T	3 @ 3.5"	3 #600 MCM AL	1 #600 MCM AL	1 #250 MCM AL
AL800T	3 @ 3"	3 #400 MCM AL	1 #400 MCM AL	1 #4/0 AWG AL
AL700T	3 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #4/0 AWG AL
AL600T	2 @ 3"	3 #500 MCM AL	1 #500 MCM AL	1 #4/0 AWG AL
AL500T	2 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #3/0 AWG AL
AL400T	2 @ 3"	3 #250 MCM AL	1 #250 MCM AL	1 #3/0 AWG AL
AL250T	1 @ 3"	3 #500 MCM AL	1 #500 MCM AL	1 #1/0 AWG AL
AL225T	1 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #1/0 AWG AL
AL150T	1 @ 2.5"	3 #3/0 AWG AL	1 #3/0 AWG AL	1 #4 AWG AL

**Copper Feeder Schedule:**

Feeder Number	Conduit Qty & Size	Phase Cond Qty & Size	Neut Cond Qty & Size	Ground Cond Qty & Size
<b>3 phase with neutral</b>				
3000N	8 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #400 MCM Cu
2500N	7 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #350 MCM Cu
2000N	6 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #250 MCM Cu
1600N	5 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #4/0 AWG Cu
1200N	4 @ 3"	3 #350 MCM Cu	1 #350 MCM Cu	1 #3/0 AWG Cu
1000N	3 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #2/0 AWG Cu
800N	2 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #1/0 AWG Cu
600N	2 @ 3"	3 #350 MCM Cu	1 #350 MCM Cu	1 #1 AWG Cu
500N	2 @ 2.5"	3 #250 MCM Cu	1 #250 MCM Cu	1 #2 AWG Cu
400N	1 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #3 AWG Cu
350N	1 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #3 AWG Cu
300N	1 @ 3"	3 #350 MCM Cu	1 #350 MCM Cu	1 #4 AWG Cu
250N	1 @ 2.5"	3 #250 MCM Cu	1 #250 MCM Cu	1 #4 AWG Cu
225N	1 @ 2.5"	3 #4/0 AWG Cu	1 #4/0 AWG Cu	1 #4 AWG Cu
200N	1 @ 2"	3 #3/0 AWG Cu	1 #3/0 AWG Cu	1 #6 AWG Cu
175N	1 @ 2"	3 #2/0 AWG Cu	1 #2/0 AWG Cu	1 #6 AWG Cu
150N	1 @ 2"	3 #1/0 AWG Cu	1 #1/0 AWG Cu	1 #6 AWG Cu
125N	1 @ 1.5"	3 #1 AWG Cu	1 #1 AWG Cu	1 #6 AWG Cu
110N	1 @ 1.25"	3 #2 AWG Cu	1 #2 AWG Cu	1 #6 AWG Cu
100N	1 @ 1.25"	3 #3 AWG Cu	1 #3 AWG Cu	1 #6 AWG Cu
90N	1 @ 1.25"	3 #3 AWG Cu	1 #3 AWG Cu	1 #6 AWG Cu
80N	1 @ 1.25"	3 #4 AWG Cu	1 #4 AWG Cu	1 #6 AWG Cu
70N	1 @ 1.25"	3 #4 AWG Cu	1 #4 AWG Cu	1 #6 AWG Cu
60N	1 @ 1"	3 #6 AWG Cu	1 #6 AWG Cu	1 #10 AWG Cu
50N	1 @ 3/4"	3 #8 AWG Cu	1 #8 AWG Cu	1 #10 AWG Cu
40N	1 @ 3/4"	3 #8 AWG Cu	1 #8 AWG Cu	1 #10 AWG Cu
30N	1 @ 1/2"	3 #10 AWG Cu	1 #10 AWG Cu	1 #10 AWG Cu
<b>3 phase no neutral</b>				
1600	5 @ 3"	3 #500 MCM Cu	(None)	1 #4/0 AWG Cu
1200	4 @ 2.5"	3 #350 MCM Cu	(None)	1 #3/0 AWG Cu
1000	3 @ 3"	3 #500 MCM Cu	(None)	1 #2/0 AWG Cu
800	2 @ 3"	3 #500 MCM Cu	(None)	1 #1/0 AWG Cu
700	2 @ 3"	3 #500 MCM Cu	(None)	1 #1/0 AWG Cu
600	2 @ 2.5"	3 #350 MCM Cu	(None)	1 #1 AWG Cu
500	2 @ 2.5"	3 #250 MCM Cu	(None)	1 #2 AWG Cu
450	2 @ 2"	3 #4/0 AWG Cu	(None)	1 #2 AWG Cu
400	1 @ 3"	3 #600 MCM Cu	(None)	1 #3 AWG Cu
350	1 @ 3"	3 #500 MCM Cu	(None)	1 #3 AWG Cu
300	1 @ 2.5"	3 #350 MCM Cu	(None)	1 #4 AWG Cu
250	1 @ 2"	3 #250 MCM Cu	(None)	1 #4 AWG Cu
225	1 @ 2"	3 #4/0 AWG Cu	(None)	1 #4 AWG Cu
200	1 @ 2"	3 #3/0 AWG Cu	(None)	1 #6 AWG Cu
175	1 @ 1.5"	3 #2/0 AWG Cu	(None)	1 #6 AWG Cu
150	1 @ 1.5"	3 #1/0 AWG Cu	(None)	1 #6 AWG Cu
125	1 @ 1.25"	3 #1 AWG Cu	(None)	1 #6 AWG Cu
110	1 @ 1.25"	3 #2 AWG Cu	(None)	1 #6 AWG Cu
100	1 @ 1.25"	3 #3 AWG Cu	(None)	1 #6 AWG Cu
90	1 @ 1.25"	3 #3 AWG Cu	(None)	1 #6 AWG Cu
80	1 @ 1"	3 #4 AWG Cu	(None)	1 #6 AWG Cu
70	1 @ 1"	3 #4 AWG Cu	(None)	1 #6 AWG Cu
60	1 @ 3/4"	3 #6 AWG Cu	(None)	1 #10 AWG Cu
50	1 @ 3/4"	3 #6 AWG Cu	(None)	1 #10 AWG Cu
40	1 @ 3/4"	3 #8 AWG Cu	(None)	1 #10 AWG Cu
30	1 @ 1/2"	3 #10 AWG Cu	(None)	1 #10 AWG Cu
20	1 @ 1/2"	3 #12 AWG Cu	(None)	1 #12 AWG Cu
<b>Single Phase no neutral</b>				
150S	1 @ 1.25"	2 #1/0 AWG Cu	(None)	1 #6 AWG Cu
125S	1 @ 1.25"	2 #1 AWG Cu	(None)	1 #6 AWG Cu
110S	1 @ 1"	2 #2 AWG Cu	(None)	1 #6 AWG Cu
100S	1 @ 1"	2 #3 AWG Cu	(None)	1 #6 AWG Cu
90S	1 @ 1"	2 #3 AWG Cu	(None)	1 #6 AWG Cu
80S	1 @ 1"	2 #4 AWG Cu	(None)	1 #6 AWG Cu
70S	1 @ 1"	2 #4 AWG Cu	(None)	1 #6 AWG Cu
60S	1 @ 3/4"	2 #6 AWG Cu	(None)	1 #10 AWG Cu
50S	1 @ 1/2"	2 #8 AWG Cu	(None)	1 #10 AWG Cu
40S	1 @ 1/2"	2 #8 AWG Cu	(None)	1 #10 AWG Cu
30S	1 @ 1/2"	2 #10 AWG Cu	(None)	1 #10 AWG Cu
<b>Grounding Conductor</b>				
250G	1 @ 1"	(None)	(None)	1 #250 MCM Cu
225G	1 @ 1"	(None)	(None)	1 #4/0 AWG Cu
200G	1 @ 1"	(None)	(None)	1 #3/0 AWG Cu
175G	1 @ 3/4"	(None)	(None)	1 #2/0 AWG Cu
150G	1 @ 3/4"	(None)	(None)	1 #1/0 AWG Cu
125G	1 @ 3/4"	(None)	(None)	1 #1 AWG Cu
110G	1 @ 1/2"	(None)	(None)	1 #2 AWG Cu
100G	1 @ 1/2"	(None)	(None)	1 #3 AWG Cu
90G	1 @ 1/2"	(None)	(None)	1 #3 AWG Cu
80G	1 @ 1/2"	(None)	(None)	1 #4 AWG Cu
70G	1 @ 1/2"	(None)	(None)	1 #4 AWG Cu
60G	1 @ 1/2"	(None)	(None)	1 #6 AWG Cu
50G	1 @ 1/2"	(None)	(None)	1 #6 AWG Cu
40G	1 @ 1/2"	(None)	(None)	1 #8 AWG Cu
30G	1 @ 1/2"	(None)	(None)	1 #10 AWG Cu
<b>Transformer Secondary Feeder</b>				
1000T	3 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #3/0 AWG Cu
800T	2 @ 3.5"	3 #600 MCM Cu	1 #600 MCM Cu	1 #3/0 AWG Cu
700T	2 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #2/0 AWG Cu
600T	2 @ 3"	3 #350 MCM Cu	1 #350 MCM Cu	1 #2/0 AWG Cu
500T	2 @ 2.5"	3 #250 MCM Cu	1 #250 MCM Cu	1 #2/0 AWG Cu
400T	1 @ 3.5"	3 #600 MCM Cu	1 #600 MCM Cu	1 #1/0 AWG Cu
250T	1 @ 3"	3 #250 MCM Cu	1 #250 MCM Cu	1 #2 AWG Cu
225T	1 @ 2.5"	3 #4/0 AWG Cu	1 #4/0 AWG Cu	1 #2 AWG Cu
150T	1 @ 2"	3 #1/0 AWG Cu	1 #1/0 AWG Cu	1 #6 AWG Cu
60T	1 @ 1"	3 #6 AWG Cu	1 #6 AWG Cu	1 #8 AWG Cu
<b>Imaging Feeders</b>				
*90X	1 @ 2.5"	3 #4/0 AWG Cu	1 #4/0 AWG Cu	1 #1/0 AWG Cu
*70X	1 @ 1.25"	3 #2 AWG Cu	1 #2 AWG Cu	1 #2 AWG Cu



**1 ONE-LINE DIAGRAM**  
E5.1 NOT TO SCALE





GSMOB Puyallup 3rd, 4th Flr		PANEL SCHEDULE		EXIST. PANEL: 3LA		220991										
Location: 3148(S)		Feed Through:		Source: 3CL												
Ckt	Load Description	Phase	Amp	Poles	Notes	Rec.	Ltg.	Kit.	Mtr.	Htg.	Clg.	Cont.	Non.	Total	Specifications	
1	RECEPT, LIGHTS	A	20	1		1.08	0.04							1.12		
3	RECEPT, LIGHTS	B	20	1		0.90	0.04							0.94	Rating (Amps): 100	
5	RECEPT, LIGHTS	C	20	1		1.44	0.04							1.48	Voltage (L-L): 208	
7	RECEPT	A	20	1		1.44								1.44	Phase: 3	
9	RECEPT	B	20	1		1.26								1.26	Wire: 4	
11	RECEPT	C	20	1		0.90								0.90	Bus Material: Cu	
13	RECEPT	A	20	1		1.08								1.08	Int. Rating: 10,000A	
15	RECEPT	B	20	1		0.90								0.90		
17	RECEPT	C	20	1		1.44								1.44	Main Lugs Only: X	
19	RECEPT, LIGHTS	A	20	1		1.44	0.10							1.54	Main Ckt Brkr: -	
21	RECEPT	B	20	1		1.44								1.44		
23	COPIER	C	20	1									0.84	0.84	Surface Mtd: -	
25	RECEPT, LIGHTS	A	20	1		1.08	0.17							1.25	Flush Mtd: -	
27	RECEPT	B	20	1		1.44								1.44		
29	PA DOOR	C	20	1		0.90								0.90	Bonded Gnd: -	
31	SPACE ONLY	A	-	-											Isolated Gnd: -	
33	SPACE ONLY	B	-	-											200% Neutral: -	
35	SPACE ONLY	C	-	-											Feed Thru: -	
37	SPACE ONLY	A	-	-											Double Lug: -	
39	SPACE ONLY	B	-	-											Top Feed: X	
41	SPACE ONLY	C	-	-											Bottom Feed: -	
2	RECEPT, LIGHTS	A	20	1		0.90	0.02							0.92		
4	COPIER	B	20	1									0.84	0.84		
6	RECEPT, LIGHTS	C	20	1		0.90	0.04							0.94		
8	LIGHTS	A	20	1			0.90							0.90	Feed Thru Load: NONE	
10	ULTRASOUND	B	20	1									1.20	1.20	Phase A: -	
12	ULTRASOUND	C	20	1									1.20	1.20	Phase B: -	
14	SPARE C.B.	A	20	1											Phase C: -	
16	SPARE C.B.	B	20	1											Total Conn.: -	
18	SPARE C.B.	C	20	1											Load From This Panel: -	
20	SPACE ONLY	A	-	-											Phase A: 8.24	
22	SPACE ONLY	B	-	-											Phase B: 8.02	
24	SPACE ONLY	C	-	-											Phase C: 7.69	
26	SPACE ONLY	A	-	-											Total Conn.: 23.95	
28	SPACE ONLY	B	-	-											Total Connected Load: -	
30	SPACE ONLY	C	-	-											Phase A: 8.24	
32	SPACE ONLY	A	-	-											Phase B: 8.02	
34	SPACE ONLY	B	-	-											Phase C: 7.69	
36	SPACE ONLY	C	-	-											Total Conn.: 23.95	
38	SPACE ONLY	A	-	-											Total Feeder Demand Load: -	
40	SPACE ONLY	B	-	-											Total: 20.02 kVA	
42	SPACE ONLY	C	-	-											Avg. Amps/Phase: 56 A	
CATEGORY		TOTAL CONN. LOAD (kVA)	DEMAND FACTOR	DEMAND LOAD (kVA)	General Notes:											
Receptacles		18.54	50%>10kVA	14.27	Keyed Notes:											
Lighting		1.33	125%	1.67												
Kitchen Equipment			NEC 220.56													
Motors (Largest)			125%													
Motors			100%													
Heating			NEC 220.60													
Cooling			NEC 220.60													
Continuous Load			125%													
Non-Continuous Load		4.08	100%	4.08												
TOTAL		23.95	100%	20.02												

GSMOB Puyallup 3rd, 4th Flr		PANEL SCHEDULE		EXIST. PANEL: 3LE		220991										
Location: 3302 @		Feed Through:		Source: 3CL												
Ckt	Load Description	Phase	Amp	Poles	Notes	Rec.	Ltg.	Kit.	Mtr.	Htg.	Clg.	Cont.	Non.	Total	Specifications	
1	RECEPT	A	20	1		0.90								0.90		
3	RECEPT	B	20	1		1.08								1.08	Rating (Amps): 100	
5	RECEPT	C	20	1		1.08								1.08	Voltage (L-L): 208	
7	RECEPT	A	20	1		1.26								1.26	Phase: 3	
9	RECEPT LIGHTS	B	20	1		1.62	0.04							1.66	Wire: 4	
11	RECEPT LIGHTS	C	20	1		1.26	0.04							1.30	Bus Material: Cu	
13	RECEPT LIGHTS	A	20	1		1.08								1.08	Int. Rating: 10,000A	
15	RECEPT LIGHTS	B	20	1		1.44	0.06							1.50		
17	RECEPT LIGHTS	C	20	1		1.62	0.06							1.68	Main Lugs Only: X	
19	SPARE C.B.	A	20	1											Main Ckt Brkr: -	
21	SPARE C.B.	B	20	1												
23	SPARE C.B.	C	20	1											Surface Mtd: -	
25	SPARE C.B.	A	20	1											Flush Mtd: -	
27	SPARE C.B.	B	20	1												
29	SPARE C.B.	C	20	1											Bonded Gnd: -	
31	SPACE ONLY	A	-	-											Isolated Gnd: -	
33	SPACE ONLY	B	-	-											200% Neutral: -	
35	SPACE ONLY	C	-	-											Feed Thru: -	
37	SPACE ONLY	A	-	-											Double Lug: -	
39	SPACE ONLY	B	-	-											Top Feed: X	
41	SPACE ONLY	C	-	-											Bottom Feed: -	
2	RECEPT LIGHTS	A	20	1		1.26	0.04							1.30		
4	COPIER	B	20	1									0.84	0.84		
6	RECEPT LIGHTS	C	20	1		1.26	0.05							1.31		
8	MISC	A	20	1			0.90							0.90	Feed Thru Load: NONE	
10	RECEPT LIGHTS	B	20	1		1.26	0.04							1.30	Phase A: -	
12	RECEPT PRINTER	C	20	1		1.68	0.06							1.68	Phase B: 7.49	
14	RECEPT LIGHTS	A	20	1		1.26	0.11							1.37	Phase C: 7.12	
16	RECEPT LIGHTS	B	20	1		1.08	0.04							1.12	Total Conn.: -	
18	LIGHTS	C	20	1			0.08							0.08	Load From This Panel: -	
20	SPACE ONLY	A	-	-											Phase A: 6.80	
22	SPACE ONLY	B	-	-											Phase B: 7.49	
24	SPACE ONLY	C	-	-											Phase C: 7.12	
26	SPACE ONLY	A	-	-											Total Conn.: 21.42	
28	SPACE ONLY	B	-	-											Total Connected Load: -	
30	SPACE ONLY	C	-	-											Phase A: 6.80	
32	SPACE ONLY	A	-	-											Phase B: 7.49	
34	SPACE ONLY	B	-	-											Phase C: 7.12	
36	SPACE ONLY	C	-	-											Total Conn.: 21.42	
38	SPACE ONLY	A	-	-											Total Feeder Demand Load: -	
40	SPACE ONLY	B	-	-											Total: 17.02 kVA	
42	SPACE ONLY	C	-	-											Avg. Amps/Phase: 47 A	
CATEGORY		TOTAL CONN. LOAD (kVA)	DEMAND FACTOR	DEMAND LOAD (kVA)	General Notes:											
Receptacles		19.08	50%>10kVA	14.54	Keyed Notes:											
Lighting		0.60	125%	0.74												
Kitchen Equipment			NEC 220.56													
Motors (Largest)			125%													
Motors			100%													
Heating			NEC 220.60													
Cooling			NEC 220.60													
Continuous Load			125%													
Non-Continuous Load		1.74	100%	1.74												
TOTAL		21.42	100%	17.02												

GSMOB Puyallup 3rd, 4th Flr		PANEL SCHEDULE		EXIST. PANEL: 3CL		220991	
Location: 3003(S)		Feed Through:		Source: 3CH			