

PROJECT INFORMATION:

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

- WASHINGTON STATE ADMINISTRATIVE CODE FOR HOSPITALS, RULES AND REGULATIONS, WAC 246-320 GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTH CARE FACILITIES (GUIDELINES), PRESENTLY APPLICABLE EDITION, FACILITY GUIDELINES INSTITUTE (FGI)
- INTERNATIONAL BUILDING CODE (IBC), PRESENTLY APPLICABLE EDITION INTERNATIONAL CODE COUNCIL (ICC), A117.1-2003: WAC 51-50
- 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
- UNIFORM PLUMBING CODE (UPC): WAC 51-56, PRESENTLY APPLICABLE EDITION
- WASHINGTON STATE ENERGY CODE: WAC 51-11, PRESENTLY APPLICABLE EDITION
- NATIONAL ELECTRICAL CODE (NEC), PRESENTLY APPLICABLE EDITION:
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA-101), PRESENTLY APPLICABLE EDITION

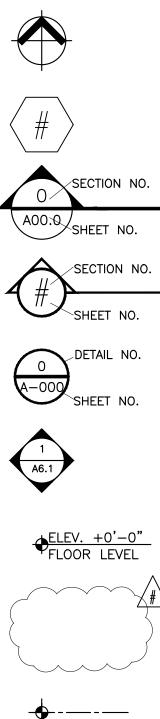
ANGLE

DIAMETER / ROUND

- INTERNATIONAL FIRE CODE (IFC), PRESENTLY APPLICABLE EDITION: WAC 51-54
 - CITY OF PUYALLUP 3

 - 12 INCHES
 - 25 PSF 85 MPH – EXPOSURE B
- CONSTRUCTION TYPE: 1-A
 - B, MEDICAL OFFICE BUILDING
 - AUTOMATIC FIRE ALARM AUTOMATIC FIRE SPRINKLER SYSTEM

GRAPHIC SYMBOLS:



CONCEALED OR OVERH	
GRADE POINT	NEW GRADE 0.00 0.00 EXISTING GRADE
ROOM NAME / NUMBER	RM. NAME RM.#

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1——

128

PLAN KEYED NOTE

NEW DOOR/FRAME (SEE DOOR SCHEDULE)

WALL TAG (SEE WALL TYPES)

EQUIPMENT KEYED NOTE

PROJECT TEAM:

OWNER:

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

FACILITY CONTACTS:

CBRE: MultiCare Health System Account PO Box 5299, Mail Stop 911-1-CONS Tacoma, WA 98415 Contact: Maxcoty MacDonald Project Manager Maxcoty.MacDonald@MultiCare.org (253)441–7904 Tel.

ARCHITECT:

InSight Healthcare Architecture, LLC 12345 Lake City Way NE, #2108 Seattle, WA 98125 Contact: Karsea Langlois Principal Architect Karsea@InSightArch.Us (206) 601-6645 Tel.

MECHANICAL:

Coffman Engineers 1101 2nd Ave, Suite 400 Seattle, WA 98101 Contact: Heather Brownlow, PE Senior Engineer, Mechanical Engineering Heather.Brownlow@Coffman.com (206) 521–0735 Tel.

ELECTRICAL:

Coffman Engineers 1101 2nd Ave, Suite 400 Seattle, WA 98101 Contact: Hanh Mortenson, PE Senior Engineer, Electrical Engineering Hanh.Mortenson@Coffman.com (253) 347–7944 Tel.

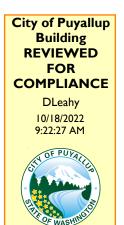
PROJECT DESCRIPTION:

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

A 860 SF tenant improvement to existing Orthopedics and Sports Medicine Clinic (Suite 4600), including exam rooms and patient and staff support areas.

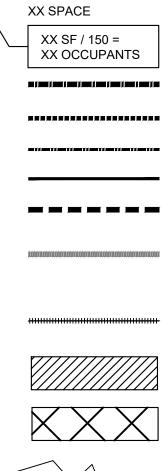
> Revisions from original approved plans: Moving wall back in room 4313 to allow the 12" clearance at new door into room 4308. Changing from a slider to a swinging door into room 4308. 10/17/2022 DL

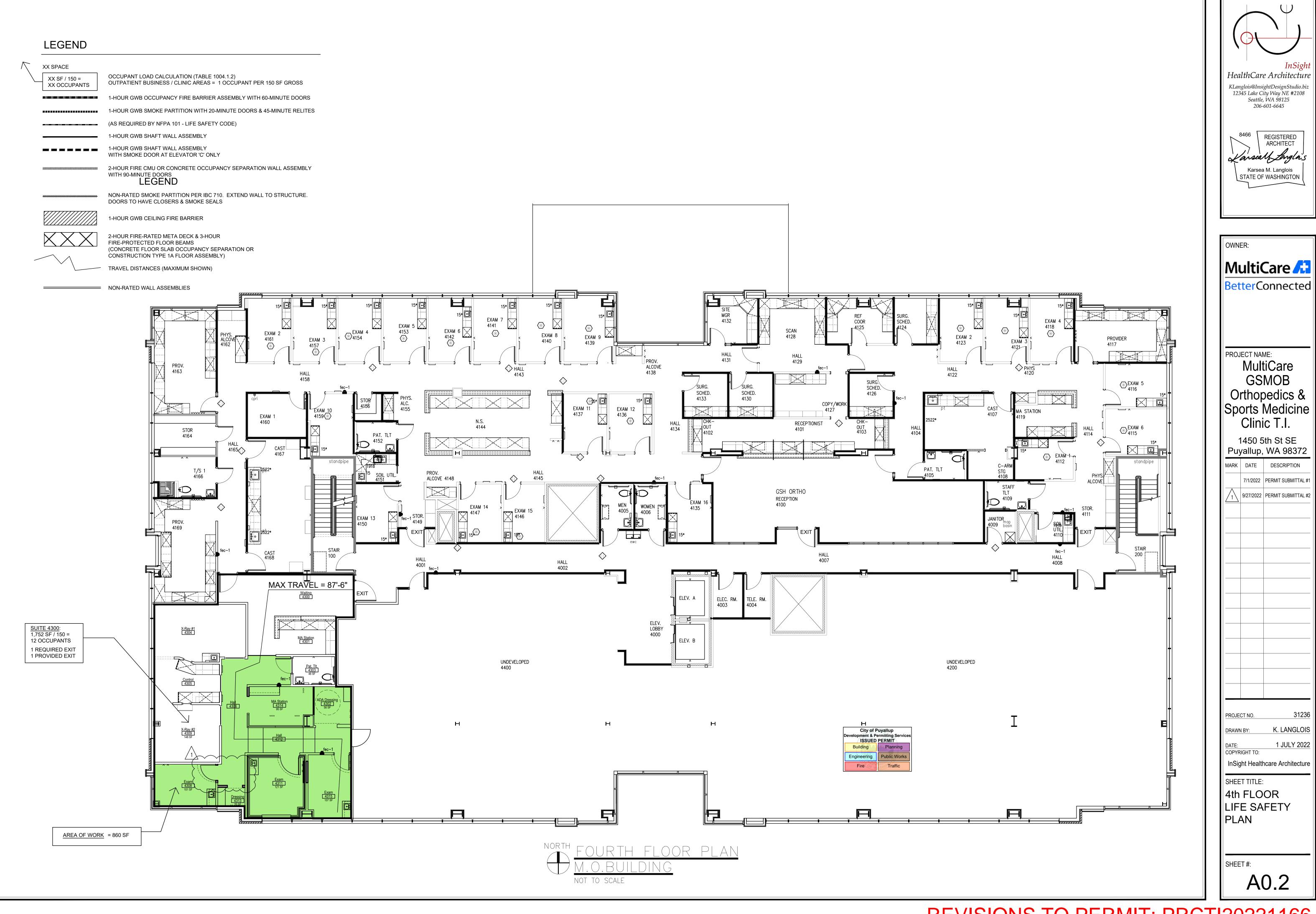
See changes on page A2.1 of these plans.

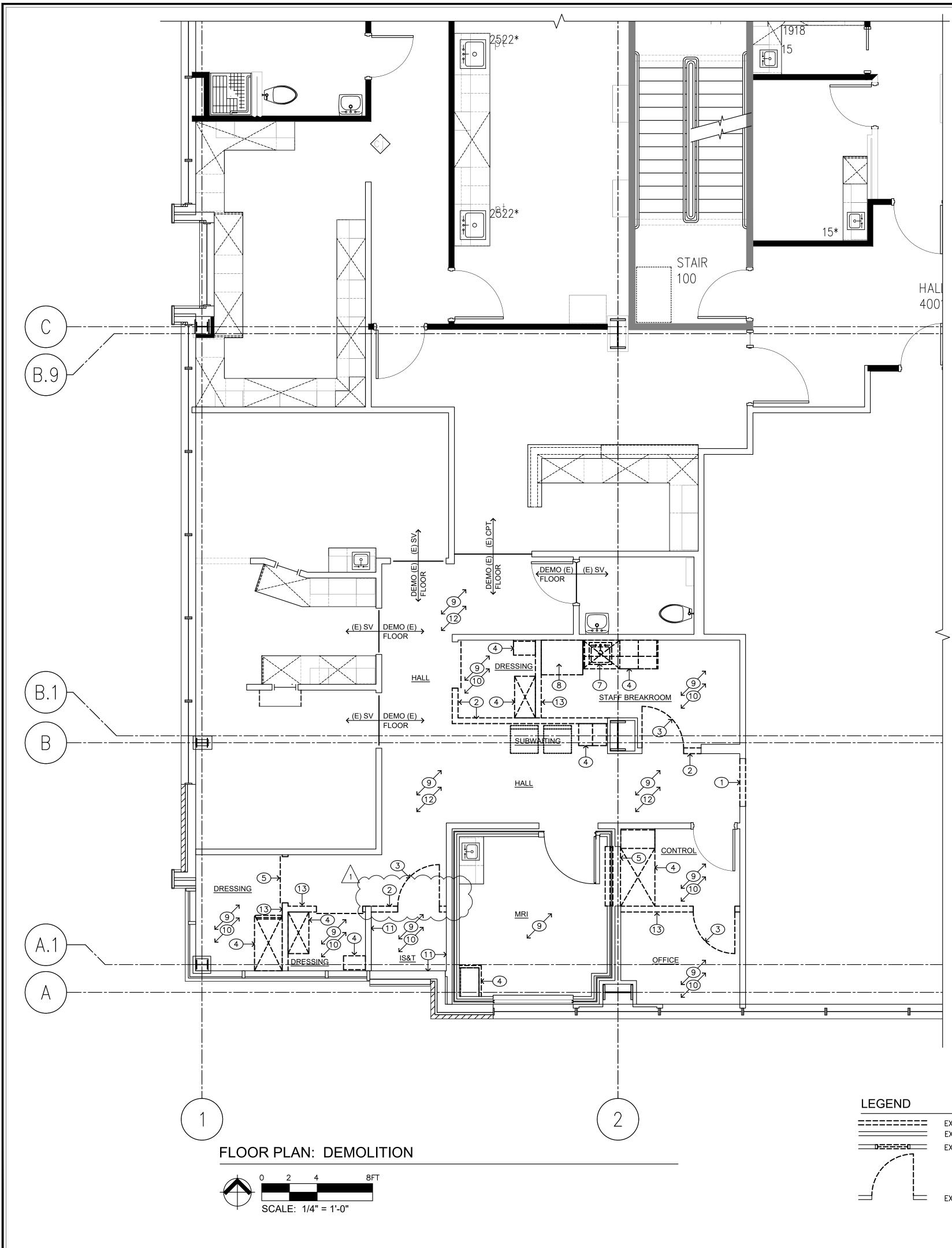


City of Puyallup Development & Permitting Services ISSUED PERMIT		
Building	Planning	
Engineering	Public Works	
Fire	Traffic	

INDEX TO DRAWING SET:	InSight
GENERAL: T0.0 PROJECT INFO, INDEX, SITE PLAN ARCHITECTURAL:	HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645
A6.0 TYPICAL MOUNTING HEIGHTS A6.1 INTERIOR ELEVATIONS A6.2 INTERIOR ELEVATIONS A7.1 FINISH SCHEDULE A8.0 WALL TYPES AND DETAILS A8.1 DETAILS	REGISTERED ARCHITECT Karsea M. Langlois STATE OF WASHINGTON
MECHANICAL: M0.1 COVER SHEET, GENERAL NOTES & INDEX M0.2 MECHANICAL SCHEDULES M1.1 4TH FLOOR HVAC PLAN – DEMO M1.2 4TH FLOOR HVAC PLAN M3.1 DETAILS	OWNER: MultiCare BetterConnected
PLUMBING: P0.1 COVER SHEET & GENERAL INFO P0.2 PLUMBING SCHEDULES P1.1 4TH FLOOR PLUMBING PLAN – DEMO P1.2 4TH FLOOR PLUMBING PLAN	PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I.
ELECTRICAL: E0.1 COVER SHEET & GENERAL INFO E0.2 GENERAL NOTES E0.3 LUMINAIRE & PANEL SCHEDULES E0.4 NREC E0.5 NREC E2.1 LIGHTING PLAN E3.1 POWER PLAN E4.1 SYSTEMS PLAN E5.1 ONE-LINE DIAGRAM	1450 5th St SE Puyallup, WA 98372 MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	PROJECT NO.31236DRAWN BY:K. LANGLOISDATE:1 JULY 2022COPYRIGHT TO:InSight Healthcare ArchitectureSHEET TITLE:SHEET TITLE:PROJECT INFO / INDEX / SITEPLAN
	SHEET #: T0.0







EXISTING WALL TO BE REMOVED EXISTING WALL TO REMAIN EXISTING WINDOW TO BE REMOVED

CUT OPENING IN EXISTING WALL

City of Puyallup

Building

Engineering

Fire

opment & Permitting Servi ISSUED PERMIT

Planning

Traffic

PLUMBING FIXTURES TO 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

EXISTING DOOR TO BE REMOVED

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.

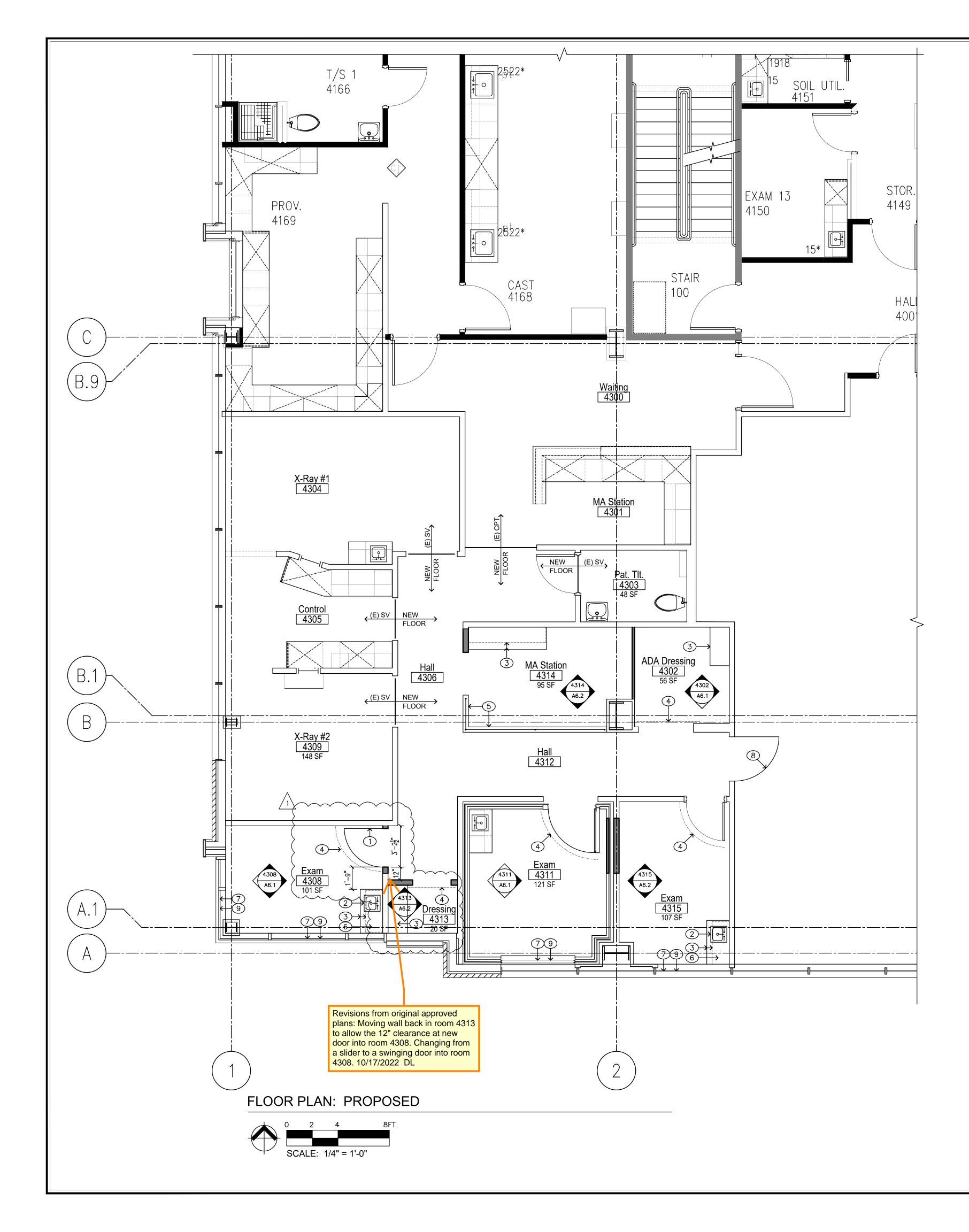
- 3. MINIMIZE DAMAGE, BY WHATEVER MEANS DEEMED NECESSARY TO FULLY PROTECT ALL EXISTING SURFACES TO REMAIN ADJACENT TO DEMOLITION WORK.
- 4. DEMOLISH PARTITIONS FROM FLOOR TO STRUCTURAL DECK ABOVE UNLESS EXISTING CONDITIONS WARRANT NOTIFICATION TO THE ARCHITECT OF OTHER EXTENT OR UNLESS OTHERWISE NOTED.
- 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 OR 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.

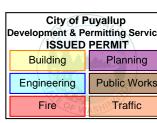
DEMOLITION PLAN KEYED NOTES

- (1) DEMOLISH PORTION OF (E) WALL TO ACCOMMODATE NEW 42" WIDE DOOR.
- 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
- 5 DEMOLISH EXISTING LEADED GLASS WINDOW 6 DEMOLISH EXISTING CEILING TRACK – REPAIR
- EXISTING CEILING TILES AS REQUIRED
- (7) DEMOLISH EXISTING PLUMBING FIXTURE (SEE MECHANICAL)
- 8 RETURN EXISTING REFRIGERATOR TO OWNER
- (9) DEMOLISH EXISTING FLOORING AND BASE
- (10) DEMOLISH EXISTING CEILING
- (11) DEMOLISH EXISTING PLYWOOD FROM WALLS
- (12) RETAIN EXISTING WALL PAPER IN HALLS
- (13) DEMO WALL TO ABOVE CEILING GRID

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MARK	DATE 7/1/2022	DESCRI PERMIT SU	
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Public Works





GENERAL NOTES

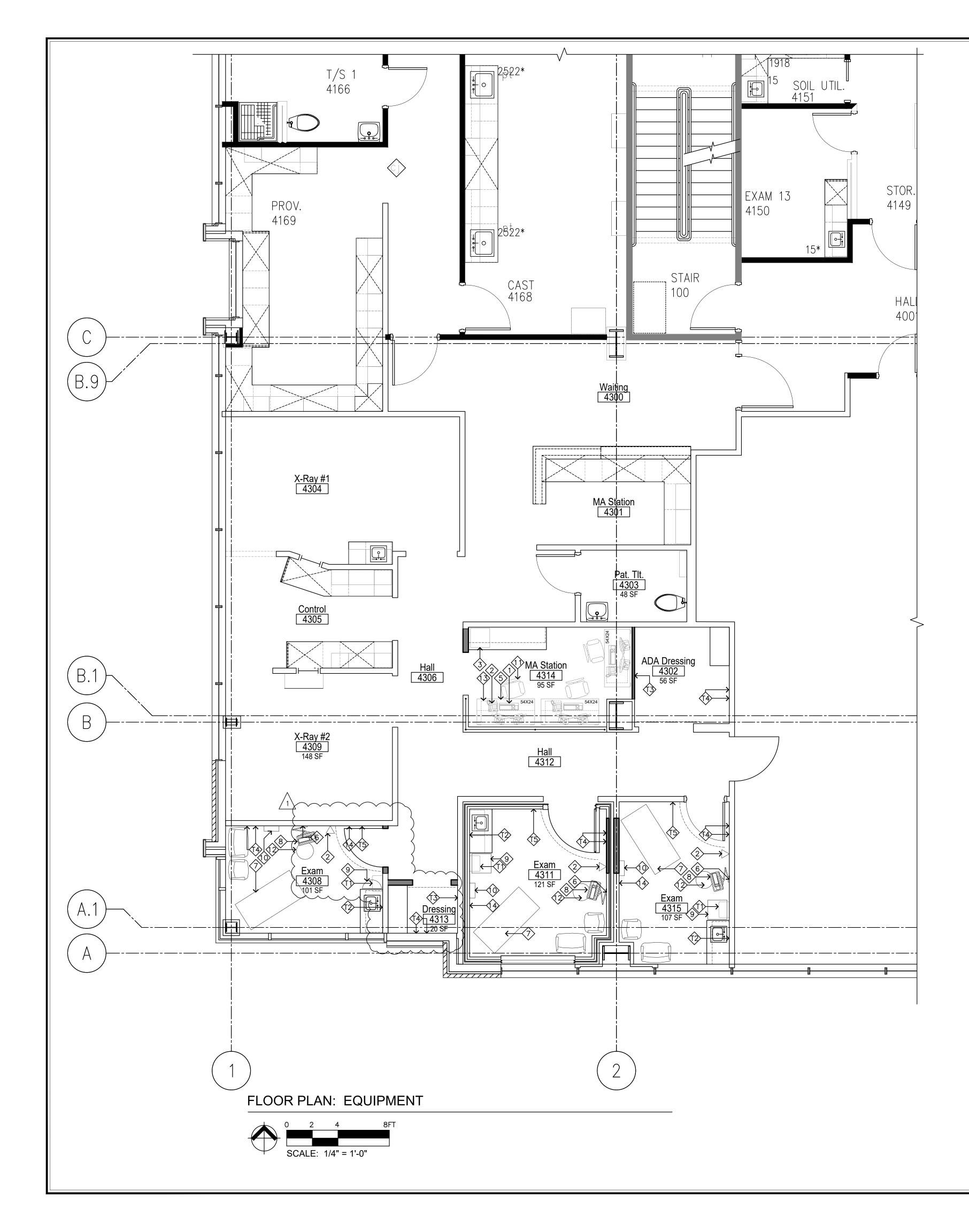
- 1. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DRAWINGS, DIMENSIONS, SPECIFICATIONS AND SCHEDULES PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. NOTIFY ARCHITECT IMMEDIATELY OF ANY UNCERTAINTY OR DISCREPANCY.
- 2. DRAWINGS SHALL NOT BE SCALED.
- 3. WHERE NOTES ON THE DRAWINGS INDICATE A CONDITION AT ONE LOCATION, WHETHER INDICATED AS TYPICAL OR NOT, THE NOTE SHALL APPLY TO ALL SIMILAR LOCATIONS, UNO.
- 4. SEE SHEET TO.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, U.N.O.
- 17. WHERE EXISTING WALL-MOUNTED ITEMS ARE NOTED, INSTALL ITEM NOTED ON DEMOLITION PLANS TO BE SALVAGED.

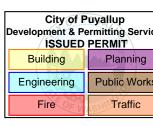
KEYED NOTES

- 1 NEW 3'-0"x7'-0" AD SYSTEMS BARN SLIDER. MATCH EXISTING DOOR FINISH AND HARDWARE FINISH.
- 2 NEW HANDWASH SINK SEE MECHANICAL
- 3 NEW CASEWORK (SEE INTERIOR ELEVATIONS)
- (4) NEW PRIVACY CURTAIN (O.F.O.I.) AND TRACK (C.F.C.I.)
- 5 LOW WALL SEE INTERIOR ELEVATIONS INSTALL FULL-HEIGHT CLEAR GLASS AT TRANSACTION SURFACE
- 6 NEW SOLID SURFACE COUNTER
- INSTALL NEW WINDOW SHADES THERMOVEIL BASKET WEAVE
 #2012 BEIGE, 17% VISIBLE LIGHT TRANSMITTANCE
- 8 NEW 3'-0"x7'-0" LEFT-HAND SWING DOOR INTO ADJACENT SUITE WITH FULL RELITE, SURFACE CLOSER AND HARDWARE.
- (9) TRANSLUCENT WINDOW FILM INSTALLED ON INTERIOR FACE OF WINDOW

		PROJE	ECT NO. 31
		DRAW	N BY: K. LANGL
		DATE: COPY	1 JULY 2 RIGHT TO:
		InSi	ght Healthcare Archited
LEGEND			ET TITLE:
	NEW WALL		OOR PLAN: OPOSED
	EXISTING WALL TO REMAIN		
		SHE	 ET #:
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KLan	glois@Insi 45 Lake Ci Seattle,	InSight e Architecture ightDesignStudio.biz ity Way NE #2108 , WA 98125 .601-6645
X		REGISTERED ARCHITECT M. Langlois WASHINGTON
OWN	EB·	
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MARK	DATE	DESCRIPTION
	7/1/2022 9/27/2022	PERMIT SUBMITTAL #1 PERMIT SUBMITTAL #2
PROJE	CT NO.	31236
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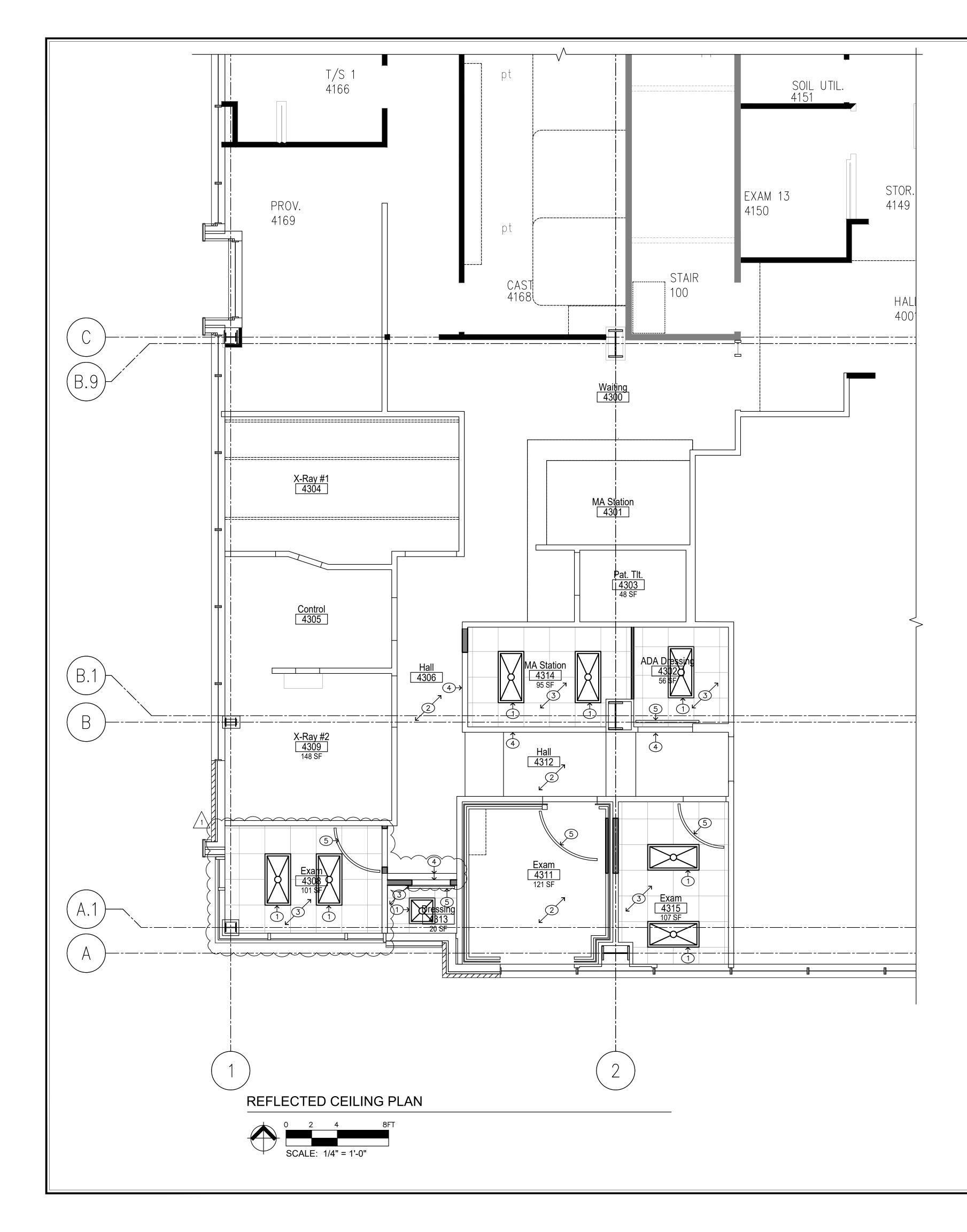


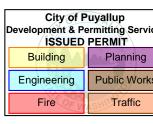
 ALL T# ITEMS ARE CFCI, EXCEPT AS NOTED
 PAPER TOWEL DISPENSER - GEORGIA PACIFIC enMOTION #59498A (O.F.C.I.)
 LIQUID SOAP DISPENSER (O.F.C.I.)
 MIRROR - BOBRICK #B-2908, DIMENSION PER INTERIOR ELEVATIONS
 COAT / ROBE HOOK - BOBRICK #B-76717 TOILET PAPER DISPENSER - GEORGIA PACIFIC
 LIQUID HAND SANITIZER (O.F.C.I.)

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

$\langle 1 \rangle$	COMPUTER W/ DESK MOUNT
$\langle 2 \rangle$	TELEPHONE
3	DESKTOP COPY/PRINTER/SCANNER
4	(NOT USED)
5 6 7	HEIGHT ADJUSTABLE TABLE (HAT) CLOCK – LACROSSE WT–3123BX1 12", BATTERY OPERATED (O.F.C.I.) EXAM TABLE
8	WALL-MOUNTED WORKSTATION (O.F.C.I.)
(9) (10) (11)	WASTE CONTAINER SHARPS CONTAINER – SHARP SAFETY #85165H (O.F.C.I.) TASK CHAIR
$\langle 2 \rangle$	TASK STOOL
$\sqrt{3}$	PEDESTAL FILE
$\overline{4}$	GLOVE RACK

InSight HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645 8466 REGISTERED ARCHITECT ARCHITECT Karsea M. Langlois STATE OF WASHINGTON
OWNER: MultiCare
BetterConnected PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, WA 98372
MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1
9/27/2022 PERMIT SUBMITTAL #2
PROJECT NO.31236DRAWN BY:K. LANGLOISDATE:1 JULY 2022COPYRIGHT TO:InSight Healthcare ArchitectureSHEET TITLE:FLOOR PLAN:PROPOSED
SHEET #: A2.1





GENERAL NOTES

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

LEGEND			
SEE ELECTRIC	AL SHEETS FOR LIGHT FIXTURE TYPES		
	SUSPENDED OR FRAMED GYPSUM WALLBOARD CEILING		
\bigcirc	LED LIGHT FIXTURE		
\bigcirc	RECESSED WALL–WASH LED LIGHT FIXTURE		
\square	1x4 LED LIGHT FIXTURE		
	2x4 LED LIGHT FIXTURE		
	LED LIGHT FIXTURE ON LIFE SAFETY CIRCUIT		
	2x2 LED LIGHT FIXTURE		
\sum	CEILING ACCESS PANEL – 24"x24" UNLESS NOTED OTHERWISE		
\square	SUPPLY DIFFUSER		
	RETURN GRILLE		
	EXHAUST GRILLE		
SP	SPEAKER		
	FIRE ALARM STROBE		
\$P	SPRINKLER		
Ś	SMOKE DETECTOR		
S	SPEAKER		
<u>(05)</u>	OCCUPANCY SENSOR		
(\mathbb{C})	CAMERA		
	EXIT SIGN		
	8FT UTILITY LIGHT		

KEYED NOTES

- 1 NEW LIGHT FIXTURE (SEE ELECTRICAL)
- EXISTING CEILING AND FIXTURES TO REMAIN
 NEW ACT CEILING MATCH EXISTING HEIGHT AND FINISH
- (4) NEW GYP BOARD SOFFIT AT 6" BELOW ADJACENT CEILING GRID
- 5 NEW PRIVACY CURTAIN TRACK (C.F.C.I.) AND CURTAIN (O.F.O.I.)

InSight HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645 8466 REGISTERED ARCHITECT Larseal Langla's Karsea M. Langlois STATE OF WASHINGTON OWNER: MultiCare 🕂 **Better**Connected PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, WA 98372 MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1

31236

K. LANGLOIS

1 JULY 2022

InSight Healthcare Architecture

PROJECT NO.

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DATE: COPYRIGHT TO:

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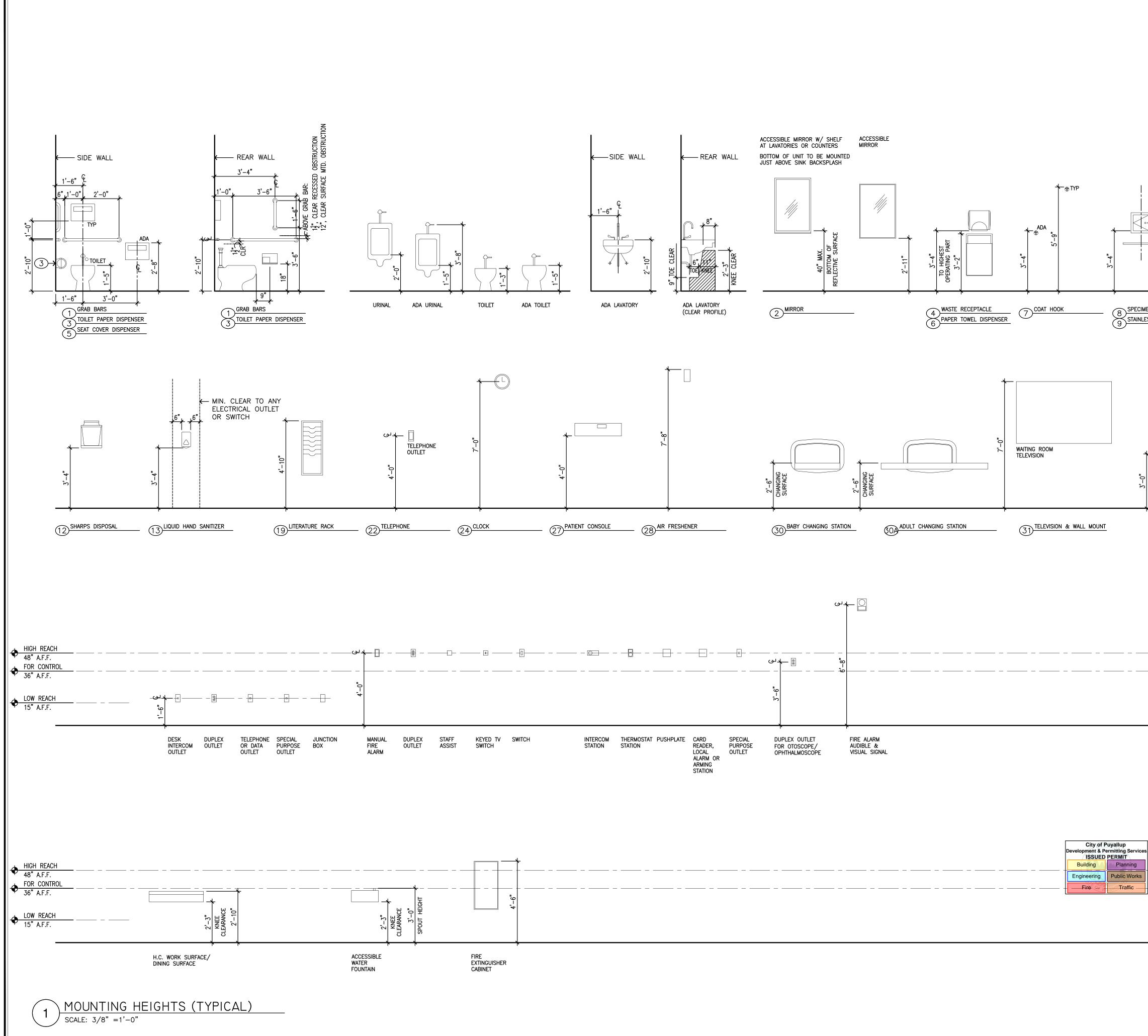
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REFLECTED

CEILING PLAN

A4.1

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8 SPECIMEN PASS-THRU 9 STAINLESS STEEL SHELF 10 LIQUID SOAP DISPENSER 11 GLOVE DISPENSER	BetterConnected
DRY-ERASE BOARD OR TACKBOARD	PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine
0° - M	Clinic T.I. 1450 5th St SE Puyallup, WA 98372
DRY-ERASE BOARD	MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1
uyallup	PROJECT NO. 31236 DRAWN BY: K. LANGLOIS
Planning	DATE: 1 JULY 2022 COPYRIGHT TO: InSight Healthcare Architecture
	SHEET TITLE:
	TYPICAL MOUNTING HEIGHTS
	SHEET #: A6.0
REVISIONS TO PE	RMIT: PRCTI20221166

InSight

HealthCare Architecture

KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645

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Karsea M. Langlois STATE OF WASHINGTON

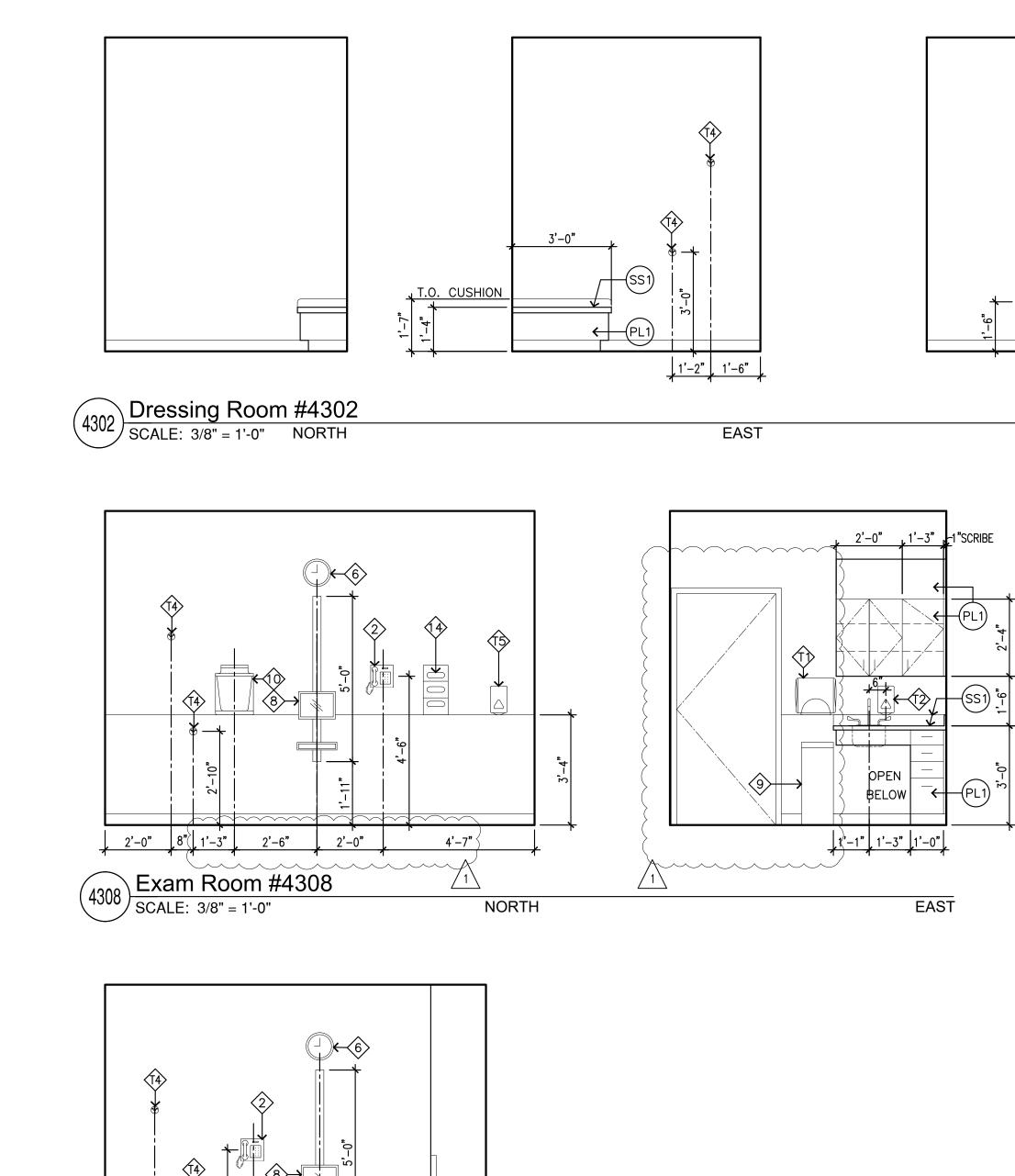
MultiCare 👫

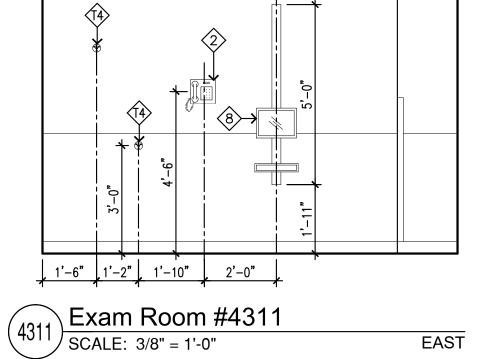
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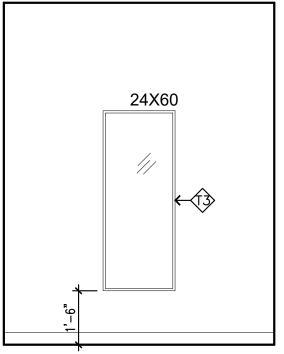
ARCHITECT

8466

OWNER:







WEST

ALL T# I	TEMS ARE CFCI, EXCEPT AS NC
$\langle \hat{\mathbf{T}} \rangle$	PAPER TOWEL DISPENSER – G enMOTION #59498A (O.F.C.I.)
$\langle 2 \rangle$	LIQUID SOAP DISPENSER (0.F.C
$\sqrt{3}$	MIRROR - BOBRICK #B-2908, INTERIOR ELEVATIONS
$\langle 4 \rangle$	COAT / ROBE HOOK - BOBRIC
	TOILET PAPER DISPENSER - G
(15)	LIQUID HAND SANITIZER (O.F.C.
(0.F.0.I.)	ITEMS, EXCEPT AS NOTED:
$\langle 1 \rangle$	COMPUTER W/ DESK MOUNT
$\langle 2 \rangle$	TELEPHONE
$\langle 3 \rangle$	DESKTOP COPY/PRINTER/SCAN

(NOT USED) HEIGHT ADJUSTABLE TABLE (HA CLOCK – LACROSSE WT-3123 BATTERY OPERATED (O.F.C.I.) EXAM TABLE WALL-MOUNTED WORKSTATION WASTE CONTAINER

SHARPS CONTAINER – SHARP #85165H (O.F.C.I.) ŤASK CHAIŘ TASK STOOL

PEDESTAL FILE

GLOVE RACK

 $\langle 4 \rangle$

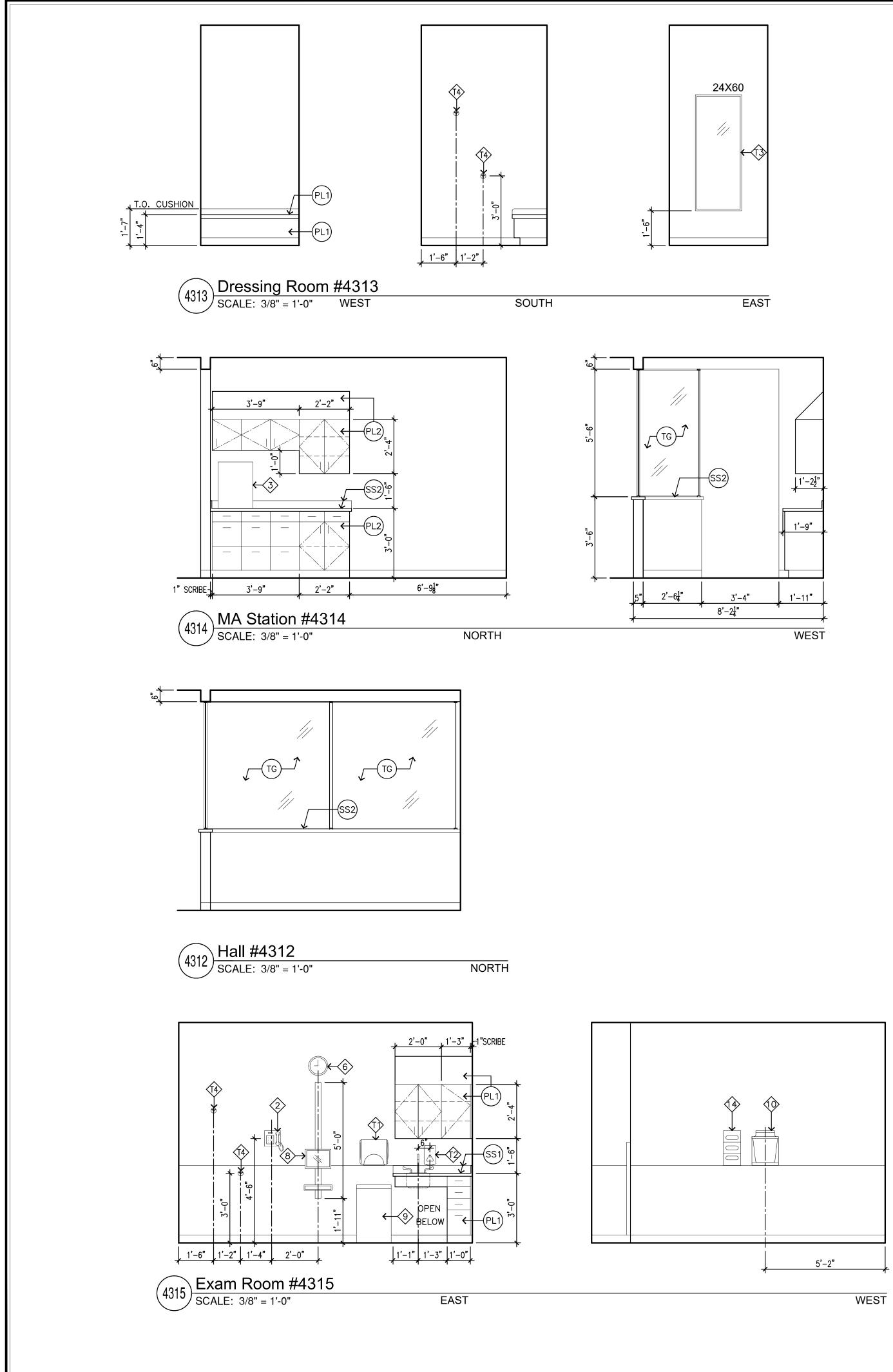
 $\langle 5 \rangle$

(14)

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

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EORGIA PACIFIC	
C.I.) DIMENSION PER	
CK #B-76717 EORGIA PACIFIC	
l.)	
INER	
AT) BX1 12",	
(O.F.C.I.)	
SAFETY	
ces	

InSight HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645 8466 REGISTERED ARCHITECT ARCHITECT Karsea M. Langlois STATE OF WASHINGTON
OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, WA 98372
MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1 1 9/27/2022 PERMIT SUBMITTAL #2
PROJECT NO.31236DRAWN BY:K. LANGLOISDATE:1 JULY 2022COPYRIGHT TO:InSight Healthcare ArchitectureSHEET TITLE:
INTERIOR ELEVATIONS
SHEET #: A6.1



ALL T#	ITEMS ARE CFCI, EXCEPT AS NO
	PAPER TOWEL DISPENSER – G enMOTION #59498A (O.F.C.I.)
$\overline{12}$	LIQUID SOAP DISPENSER (O.F.C
$\langle \overline{3} \rangle$	MIRROR – BOBRICK #B–2908, INTERIOR ELEVATIONS
$\langle 4 \rangle$	COAT / ROBE HOOK – BOBRI
	TOILET PAPER DISPENSER – G
$\overline{(5)}$	LIQUID HAND SANITIZER (O.F.C.

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

COMPUTER W/ DESK MOUNT
TELEPHONE
DESKTOP COPY/PRINTER/SCAN
(NOT USED)
HEIGHT ADJUSTABLE TABLE (H CLOCK – LACROSSE WT–3123 BATTERY OPERATED (O.F.C.I.) EXAM TABLE
WALL-MOUNTED WORKSTATION
WASTE CONTAINER SHARPS CONTAINER – SHARP #85165H (O.F.C.I.) TASK CHAIR
TASK STOOL
PEDESTAL FILE
GLOVE RACK

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

NOTED GEORGIA PACIFIC

F.C.I.) 08, DIMENSION PER

RICK #B-76717 GEORGIA PACIFIC

C.I.)

ANNER

(HAT) 23BX1 12",

I (O.F.C.I.)

P SAFETY

GIA PACIFIC	InSight HealthCare Architecture
MENSION PER	KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645
#B-76717 GIA PACIFIC	N 8466 REGISTERED
	ARCHITECT Lanseall Langlas
	Karsea M. Langlois STATE OF WASHINGTON
	OWNER:
12",	MultiCare A
	DetterConnected
F.C.I.)	
ETY	PROJECT NAME:
	MultiCare GSMOB
	Orthopedics & Sports Medicine
	Clinic T.I.
	1450 5th St SE Puyallup, WA 98372
	MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1
	PROJECT NO. 31236 DRAWN BY: K. LANGLOIS
	DRAWN BY: K. LANGLOIS DATE: 1 JULY 2022 COPYRIGHT TO:
	InSight Healthcare Architecture
	SHEET TITLE:
	ELEVATIONS
	SHEET #:
	A6.2
REVISIONS TO PERMIT: PRC	TI20221166

F	INISH SCHEDULE								
ROOM #	ROOM NAME	F MATL	LOORING	CLR	B/ FIN	ASE CLR	MATL	IORTH WAL	
4302	ADA DRESSING	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT
4306	HALL	(E)CONC	LVT	LVT1	RB	RB1	-	_	_
4308	EXAM	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT
4311	EXAM	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT-
4312 4313	HALL DRESSING	(E)CONC (E)CONC	LVT LVT	LVT1 LVT1	RB RB	RB1 RB1	(E)GWB (E)GWB	PT PT	PNT-
4314	MA STATION	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT
4315	EXAM	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT-
MATER	RIALS LIST								
(ACT)	ACOUSTICAL CEILING TILE - MATCH EXISTING,		SOLID		#20 CORL	ANI "RISOI	JE" – USEI	N MA S	
	24"x24"x3/4"	(SS2)		SACTION CO					AHON
(CG1)	CORNER GUARD: CONSTRUCTION SPECIALTIES, 40" ABOVE FINISHED FLOOR (A.F.F.) X 2" CORNER	SS2	SOLID	SURFACE	#3: CORI	AN: "BISQU	JE" – ALL	INTEGRAL	SINKS
	GUARD, 90 DEGREES,TO MATCH WALL CONDITION, COLOR ANTIQUE WHITE.				ILE TYPE	1-C STA	NDARD #1,	CLASS I	
	PAINT – WALL FIELD COLOR: MPI STANDARDS LOW		TEKN	OFLOR, RA	RE PLANK,	HPD #89	0007RP "SIS TRANSITIOI	SAL" FLAT	Ŧ
(PNT-1)	VOC LATEX EGGSHELL FINISH: RHODDA, #0012 "BUNNY CAKE" – COLOR USED IN ALL NEW AND REFRESHED						ING – MAT		
	AREAS DOOR AND RELITE FRAMES: ALKYD ENAMEL, EGGSHELL	(RB1)					RIES - COL FROM - US		
	PAINT – ACCENT COLOR: MPI STANDARDS LOW VOC	-	ÄLL A	REAS WITH	I FLAT LAY	FLOORING	G		
(PNT-2)	LATEX EGGSHELL FINISH: RHODDA, "SHARK FIN" – DOORWAY WALL IN EXAM ROOMS	TG	3/8" POLIS	THICK CLE	AR TEMPE S – AT M	RED GLAS	S WITH FLA	Т	
(PNT-3)	PAINT – ACCENT COLOR: MPI STANDARDS LOW VOC	DOORS		H TO EXIST					
	LATEX EGGSHELL FINISH: RHODDA, "NORTH BEACH BLUE" – EAST WALL IN MA STATION #4314								
(SWC1)	SYNTHETIC WALL COVERING #1: CONSTRUCTION								
	SPECIALTIES TO 40" ABOVE FINISHED FLOOR (A.F.F.) WITH MATCHING TRIM (TOP CAP, VERTICAL DIVIDER BARS								
	AND INSIDE CORNERS). COLOR - ANTIQUE WHITE								
(PL1)	PLASTIC LAMINATE #1 – BUILT–IN CASEWORK FACES (CABINETS/DRAWERS) LAMINATE: FORMICA "PENCILWOOD"								
	#7747-58 - USED IN ALL EXAM ROOMS AND DRESSING ROOMS								
(PL1)	PLASTIC LAMINATE #2 – BUILT-IN CASEWORK FACES (CABINETS/DRAWERS) LAMINATE: FORMICA "PECAN WOODLINE"								
	#5883-58 - USED IN MA STATION								
(SS1)	SOLID SURFACE #1: CORIAN: "SAVANNAH" — USED IN EXAM ROOMS								

TH WAL	L		EAST WAL	L	S	SOUTH WAI	_L	v	VEST WALI	_		CEILING			WAIN	ISCOT		
FIN	CLR	MATL	FIN	CLR	MATL	FIN	CLR	MATL	FIN	CLR	MATL	FIN	HEIGHT	CODED NOTI		HEIGHT	WALL	ROOM #
PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"	12	_	_	_	4302
_	-	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"	1	_	-	_	4306
PT	PNT-1	GWB	PT	PNT-2	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	ACT1	FF	9'-6"	12	SWC1	40"	N,W,S	4308
PT	PNT-2	GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	ACT1	FF	9'-6"	1	SWC1	40"	W,E,S	4311
PT	PNT-1		PT	PNT-1	(E)GWB	PT	PNT-1	_	_	_	ACT1	FF	9'-6"			_	_	4312
PT	PNT-1	. ,	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	GWB	PT	9'-6"	12		-	_	4313
PT	PNT-1	GWB	PT	PNT-3	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	ACT1	FF	9'-6"	12	_	-	_	4314
PT	PNT-2	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"	12	SWC1	40"	W,E,S	4315
					FUSI	ON PA	RTNER	SINGLE		TS OF C	ONTA		0					
MA S	TATION	1												Dhawa				
5				<mark>JSION Partne</mark> Wood/AMEC	er		ategory & Enviro Eng		USION Col Andy Clark		andy clay	Email k@woodplc.	.com	Phone 704.357.5630				
				Armstrong			gs/Acoustics		Louis John			nstrongceiling		407.697.6768				

FUSION Partner	Category	FUSION Contact	Email	Phone
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CertainTeed	Ceilings/Acoustics	Bernie Shalvey	Bernard.g.shalvey@saint-gobain.com	704-779-7
RockFon	Ceilings/Acoustics	Diana Hart	Diana.hart@rockfon.com	860-338-6
USG	Ceilings/Acoustics	Blake Panno	bpanno@usg.com	515-707-9
Bohler	Civil & Enviro Engineering	Dan Duke	DDUKE@bohlerdc.com	703-431-0
Tyco/Simplex/Metasys (Via JCI)	Fire & Safety, Bldg. Automation	Eric Eley	eric.l.eley@jci.com	336.402.4
Milliken	Flooring	John McCrudden	John.Mccrudden@Milliken.com	201.306.2
Shaw	Flooring	Eric Scherer	eric.scherer@shawinc.com	469.878.0
Tarkett	Flooring	Frank Wiseman	Frank.Wiseman@tarkett.com	704.728.9
HNI	Furniture	Brian Curtin	CurtinBR@HNI-ONE.COM	781.759.6
Haworth	Furniture	Chris Tornblom	Chris.Tornblom@haworth.com	214.243.0
Herman Miller	Furniture	Amanda Ryland	amanda_ryland@hermanmiller.com	484.645.4
Carrier	HVAC	Greg Josefchuk	gregory.josefchuk@carrier.com	704-495-5
Trane	HVAC	Bill Collar	BCollar@trane.com	843-834-2
York (via JCI)	HVAC	Eric Eley	eric.l.eley@jci.com	336.402.4
GE Current	Lighting & Controls	Jeff Irish	Jeffrey.irish@gecurrent.com	603.321.4
SSR	MEP Engineering	Simon Gandica	sgandica@ssr-inc.com	832.570.6
Syska Hennessy	MEP Engineering	Alex Myers	amyers@syska.com	704.910.8
Suddath	Move Services	Bob Papuga	RPapuga@suddath.com	904.868.2
Sherwin Williams	Paint & Coatings	Mark Spillman	Mark.D.Spillman@sherwin.com	216. 906.6
GAF	Roofing	Karyn Castro	karyn.castro@gaf.com	562.412.8
Johns Manville	Roofing	Brad Burdic	Brad.Burdic@jm.com	303.809.4
TISA Global	Signage	Nate Doney	ndoney@tisaglobal.com	503.327.5



City of Puyallup elopment & Permitting Servi ISSUED PERMIT Building Planning Engineering Public Works Fire Traffic

GENERAL NOTES

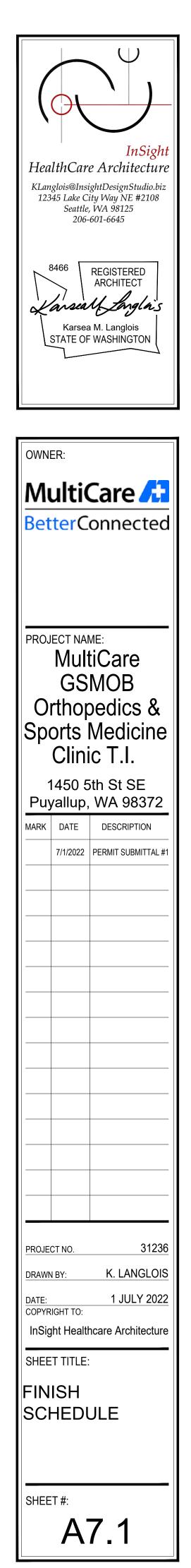
- 1. AN ASTERISK (*) IN THE FINISH SCHEDULE REFERENCES CODED NOTES IN THE REMARKS COLUMN.
- 2. ALL FLOORING / COLOR TRANSITIONS, WHERE REQUIRED, SHALL BE CENTERED UNDER DOOR.
- 3. PAINT ALL INTERIOR MECHANICAL LOUVERS, WHERE EXPOSED, TO MATCH ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
- 4. SEE REFLECTED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

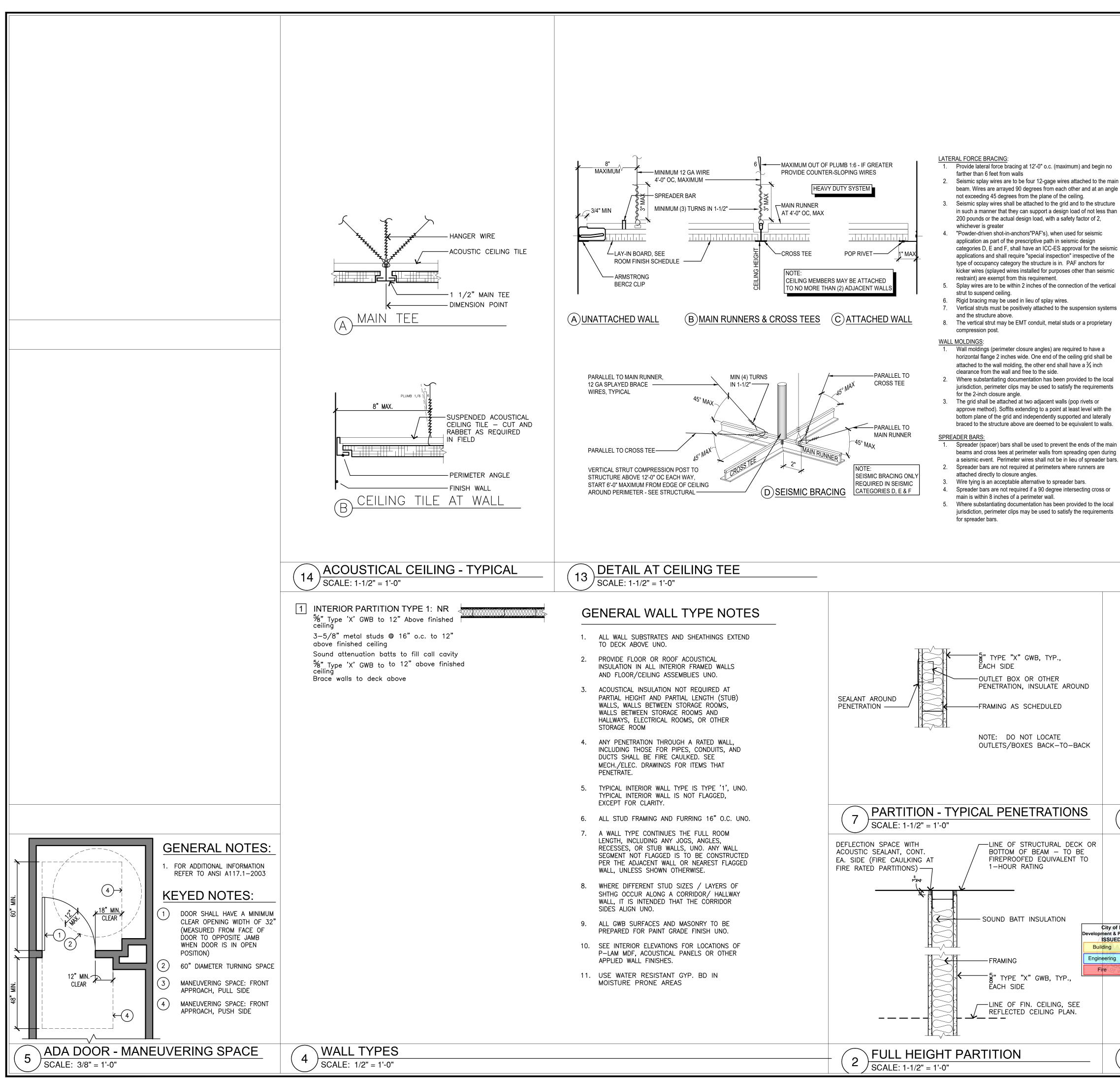
CODED NOTES

- 1 NEW FLOORING
- 2 NEW CEILING

ABBREVIATIONS

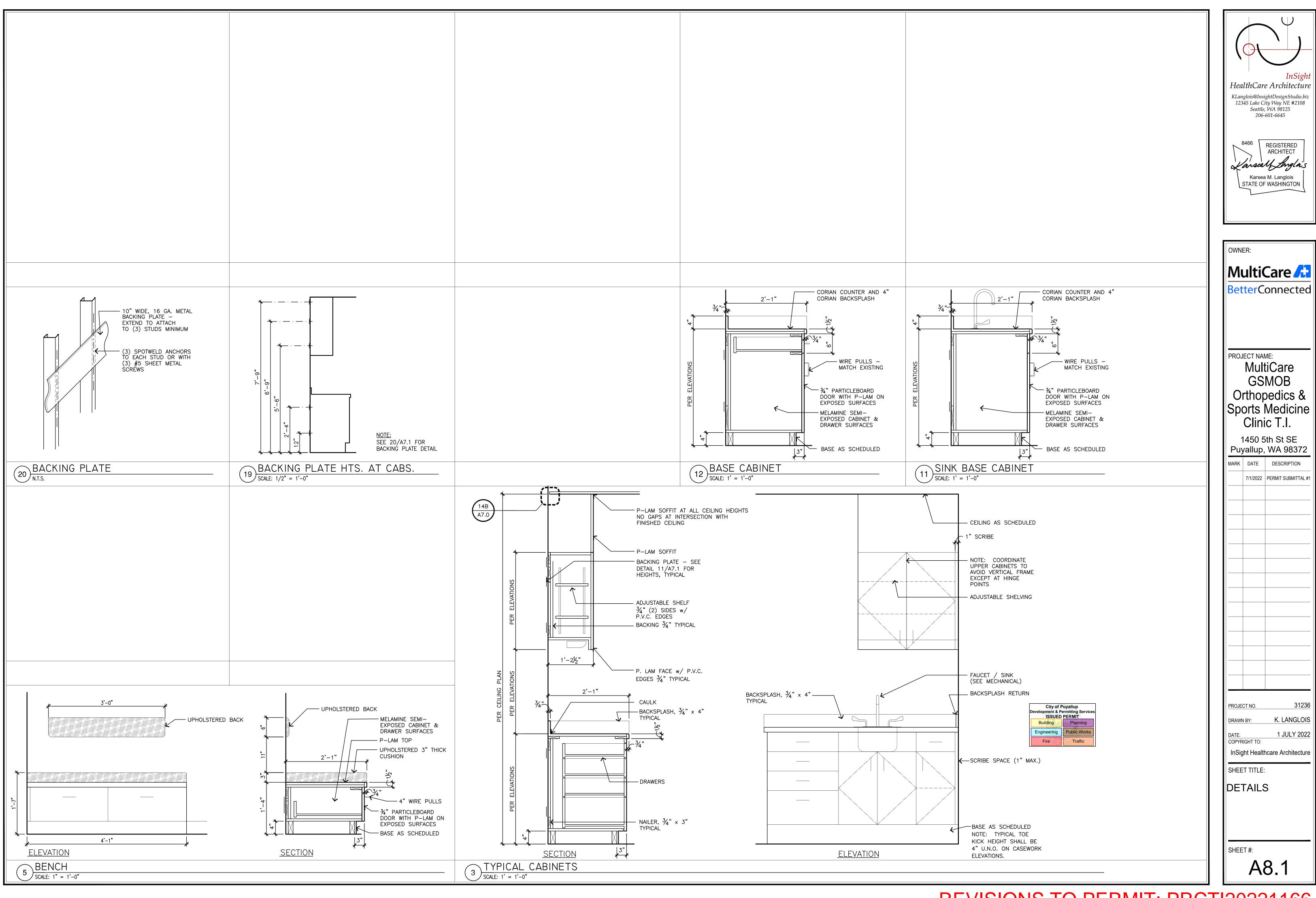
DJ	
С	ACOUSTIC TREATMENT
CC	ACCORDION DOOR
CT	ACOUSTICAL CEILING TILE
DA	AMERICANS WITH DISABILITIES
V	
WC	ACOUSTICAL WALLCOVERING
WP	ACOUSTICAL WALL PANEL
D	BOARD
RK	BRICK
	LIGHT BROOM FINISH (CONCRETE)
	CABINET
	CORNER GUARD
LR K	COLOR CORK
	CONCRETE MASONRY UNIT
Т	
Ś	CONCRETE, SEALED
SV	CARFEI CERAMIC TILE CONCRETE, SEALED COVED SHEET VINYL DRINKING FOUNTAIN
F	DRINKING FOUNTAIN
E)	EXISTING
E) P	EPOXY PAINT
X–S	EXISTING EPOXY PAINT EXPOSED STRUCTURE FACTORY FINISH
F	FACTORY FINISH
IN	FINISH
LR	FLOOR
RP	FIBERGLASS REINFORCED PLASTIC
MU	GLAZED MASONRY UNIT
YP	GYPSUM WALL BOARD
WB	GYPSUM WALLBOARD
ATL	MATERIAL
DF	MEDIUM DENSITY FIBERBOARD
TL	METAL METAL SIDING
IL-5	MASONRY
ASN IC	NOT IN CONTRACT
TS	NOT TO SCALE
C	ON CENTER
P	OPERABLE PARTITION
	PLASTIC LAMINATE
L	PLASTIC LAMINATE PLASTIC LAMINATE
LA	PLASTER
	PANEL
R(#)	PROJECTION SCREEN (LENGTH)
Т	PAINT
TD	PAPER TOWEL DISPENSER
WD	PLYWOOD
	RUBBER BASE
F	RUBBER FLOORING
С	ROLL-UP CURTAIN
D	LIQUID SOAP DISPENSER
	SURFACE-MOUNTED ENTRY MAT
	STOREFRONT
	SHEET VINYL
	TACK BOARD (LENGTH)
BS	TO BE SELECTED TONGUE & GROOVE CEDAR,
G	STAINED
Р	TOILET PARTITION
' YP	TYPICAL
NO	UNLESS NOTED OTHERWISE
PT	UNGLAZED PORCELAIN TILE
	VOLUME
СТ	VINYL COMPOSITION TILE
P	VENEER PLASTER
WC	VINYL WALLCOVERING
′B(#)	WHITE BOARD (LENGTH)
/D	WOOD
	WALK OFF MAT
RGWB	WATER-RESISTANT GYP BD



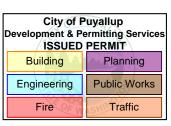


IND VISIONS IN PERIVIT: PRCTI20221166

	InSight HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645
HANGER (SUSPENSION) WIRES: 1. Hanger and perimeter wires must be plumb within 1 in 6 unless counter sloping wires are provided. ain 2. Hanger wires shall be 12 gage and spaced 4 feet on center or 10 gage and spaced 5 feet on center. 3. Any connection device at the supporting construction shall be capable of carrying not less than 100 pounds. an 4. Powder-driven shot-in anchors (PAFs) are an approved method of attachment for hanger wires. 5. Terminal ends at each main beam and cross tee must be supported within 8 inches of each wall with a perimeter wire. 6. 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 1¼ inch cold-rolled channels for spans exceeding 48 inches.	8466 REGISTERED ARCHITECT Karsea M. Langlois STATE OF WASHINGTON
 Light fixtures weighing more than 10 pounds and less than 56 pounds shall have two 12 gage 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 gage wire or an approved alternate support 	owner: MultiCare A
MECHANICAL SERVICES: 1. Terminals or services weighing 20 pounds, but not more than 56 pounds, must have two 12 gage wires connecting them to the ceiling system hangers or the structure above. These wires may be slack. 2. Terminals or services weighing more than 56 pounds must be independently supported directly to the structure above. These wires must be taut. SEISMIC SEPARATION JOINTS: Not Applicable in g SPRINKLERS:	PROJECT NAME: MultiCare
 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. 	GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE
	MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1
SOUND BATT INSULATION CONTINUOUS ACOUSTIC SEALANT EA. SIDE (FIRE CAULKING AT FIRE RATED PARTITIONS)	
NOTE: SEALANT/CAULKING USED FOR ACOUSTIC PURPOSES MUST BE RATED FOR SUCH USE.	
6 PARTITION - TYPICAL SILL SCALE: 1-1/2" = 1'-0"	
of Puyallup & Permitting Services Planning Public Works Planning Public Works	PROJECT NO.31236DRAWN BY:K. LANGLOISDATE:1 JULY 2022COPYRIGHT TO:InSight Healthcare ArchitectureSHEET TITLE:WALL TYPES,
Traffic SEE SHEATHING / FURRING TYPE MODIFIERS FOR ALTERNATE OR ADDITIONAL SHEATHING DESCRIPTIONS	DETAILS SHEET #: A8.0
SCALE: 1" = 1'-0" REVISIONS TO PERMIT · PRCTI	



	SYMBOL	GENERAL LEGEND DESCRIPTION	ABBR	ABBREV	/IATIONS	S		AIF	R DISTR abbr	RIBUTION LEGEND DESCRIPTION
	$\overline{}$	DETAIL SYMBOL: A = IDENTIFYING NUMBER	ABV AD	ABOVE ACCESS DOOR	L LAT	LENGTH LEAVING AIR TEMPERATURE				
		B = SHEET where detail is taken	AL AP APD ARCH	ACOUSTIC LINED ACCESS PANEL AIR PRESSURE DROP ARCHITECT/ARCHITECTURAL	LF LVG LWG LWR	LINEAR FOOT/FEET LEAVING LOW WALL GRILLE LOW WALL REGISTER				
	A B		ARW BDD	ACID RESTISTANT VENT ACID RESTISTANT WASTE BACKDRAFT DAMPER	MAX MBH	Maximum 1000 British Thermal Units Per Hour		<u>, 18x12</u> , 18x12		FIRST SIZE LISTED IS SIDE SHOWN
			BHP BG BJ BTU	BRAKE HORSEPOWER BELOW GROUND BETWEEN JOISTS BRITISH THERMAL UNIT	MECH MFR MIN MISC	MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS			R	DUCT OFFSET (UP) IN DIRECTION OF ARROW
			C CC CD	CENTIGRADE COOLING COIL CEILING DIFFUSER	MTG	MOUNTING NOT APPLICABLE NORMALLY CLOSED			D	DUCT OFFSET (DN) IN DIRECTION OF ARROW
		KEYED REFERENCE NOTE OR SHEET NOTE	CG CI	CEILING GRILLE CAST IRON	N/O NC NIC	NOISE CRITERIA NOT IN CONTRACT		<u>, 18"ø</u> , ∕ 18"ø ∕		ROUND DUCT IN INCHES
			CO CONC	CLEANOUT CONCRETE	NTS			<u>5 18x12"ø</u> 18x12"ø		OVAL DUCT IN INCHES
Image: Control of the second state of the second		PLUMBING FIXTURE REFERENCE (REFER TO SCHEDULE)	CONST	CONSTRUCTION	OBD O/C	OPPOSED BLADE DAMPER ON CENTER		18x10 18x12		CHANGE OF DUCT SIZE
 Link and a month and a month		, , ,	CR	CONDENSATE RETURN	OPNG	OPENING		18x10 18x12		CHANCE OF DUCT SIZE (TRIANCLE NOT ALWAYS SHOWN)
Image: Addition of the control of		MEDICAL GAS OUTLET IDENTIFICATION (REFER TO SCHEDULE)	DDC DIA	DIRECT DIGITAL CONTROL DIAMETER	PD PH or Ø	PRESSURE DROP PHASE				
		MEDICAL GAS ZONE VALVE STATION MOUNTED IN WALL	DN	DOWN	POC	POINT OF CONNECTION				RECTANGULAR SUPPLY DUCT ELBOW TURNED UP
Image: set of the Set of th			DWG E-100	DRAWING EXHAUST AIR NUMBER INDICATES CFM QUANTITY	PRV PSI PSIG	PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH GAGE				
Image: Second control in the contro			EAT EF EG	ENTERING AIR TEMPERATURE EXHAUST FAN EXHAUST GRILLE	RA RAG	NUMBER INDICATES CFM QUANTITY RETURN AIR RETURN AIR GRILLE				RECTANGULAR RETURN/EXHAUST DUCT ELBOW TURNED UP
With Registering and set and			ELEV EMCS	ELEVATION ENERGY MANAGEMENT CONTROL SYSTE	PDPD	REDUCED PRESSURE BACKFLOW				RECTANGULAR RETURN/EXHAUST DUCT ELBOW TURNED DOWN OR AWAY
Image: Section 2013		BINARY (YES/NO) SENSING SWITCH (PIPE OR DUCT MOUNTED)	EWT EXH	ENTERING WATER TEMPERATURE EXHAUST				·∃		
Image: set in the set i		BINARY (YES/NO) SENSING SWITCH (SURFACE MOUNTED)	F FA	FAHRENHEIT FACE AREA	SA SF	NUMBER INDICATES CFM QUANTITY SUPPLY AIR SUPPLY FAN				ROUND DUCT ELBOW TURNED UP
Image: Provide			FCU FD	FAN COIL UNIT FLOOR DRAIN	SIM SP	SIMILAR STATIC PRESSURE				ROUND DUCT ELBOW TURNED DOWN OR AWAY
x y		ANALOG SENSING DEVICE	FFD FF	FUNNEL FLOOR DRAIN FINAL FILTER	SQ FT	SQUARE FOOT/FEET STAINLESS STEEL		→ ↓ ↓		
		ANALOG SENSING DEVICE (SURFACE MOUNTED)	FPM FPS FT	FEET PER MINUTE FEET PER SECOND FOOT/FEET		THICK TRAP PRIMER or TEST PLUG			FLEX	· · ·
 		A – ALARM PRESSURE SENSOR	GA	GAGE or GAUGE	TU	TERMINAL UNIT				
		F — FLOW RATE H — HUMIDITY L — LOW LIMIT	GALV GPH	GALVANIZED GALLONS PER HOUR	UFC UMC UPC	UNIFORM FIRE CODE UNIFORM MECHANICAL CODE UNIFORM PLUMBING CODE				
		T – TEMPERATURE		HEAD	UH	UNIT HEATER		L	VD	VOLUME DAMPER
			HTG	HEATING HEATING, VENTILATION AND	VAC VAV	VACUUM VARIABLE AIR VOLUME		INS	SULATIO	ON REQUIREMENTS
				HIGH WALL GRILLE	VEL VFD	VELOCITY VARIABLE FREQUENCY DRIVE		1. PIPE INSULATION REQUIREME	<u>INTS</u> :	
			HZ ID		VIR W	WIDE			2" THICK ON 1	" DIAMETER PIPE AND SMALLER. 1" THICK ON ALL PIPING
	THE FOLLOWING DUCT FI	TTINGS ARE CONSIDERED ACCEPTABLE. THE CONTRACTOR SHALL OBTAIN		INCH or INCHES INSULATION	WCO	WITHOUT WET BULB WALL CLEANOUT		PIPING OVER 2" DIAMETER. 1	1/2" INSULATIO	IN ACCEPTABLE ON RUNOUTS UP TO 8 FEET IN LENGTH
Note of rests to accord destinations of a rest to accord destination of a rest to accord to an array sector of a rest to accord and to acc	LOWER PRESSURE DROP	WILL BE CONSIDERED.	КW КWH		WGE WPD	WATER PRESSURE DROP				
Party Decision of the the process prove the process prove the process prove the prove process prove the prove pro		NOTE: OFFSETS (TO AVOID OBSTRUCTIONS) ARE REQUIRED BUT ARE NOT NECESSARILY SHO	WN					INSULATION FOR OUTDOOR D		
Image: Distribution		/2W S W/ AIR VELOCITY MAX. 15*						FOR OUTDOOR DUCTS AND F	R-6 FOR DUC	TS IN UNCONDITIONED SPACES.
ALL DUCTS UPSTREAM OF ALL DUCTS UPSTREAM OF ALL DUCTS UPSTREAM OF AS DO NOT AND SE LEDWIS AS DO NOT AND SE LEDWIS AS DOUTS AT AND SE ALL AND SEAL OF AND	R=W DUCT	S W/ AIR VELOCITY								
As or a or Robus Elbows W/ MINIMUM PRESSURE DROP W/ MINIMUM PRESSUR	OVER	1,500 FPM AND			-50			SAME AS DUCTWORK, EXCEP	PT USE RIGID I	NSULATION BOARD WITH KRAFT BARRIER.
Virtual control of submined to the process particle of		RADIUS ELBOWS				RECTANGULAR		DUCT CONSTRU	ICTION	AND SEALING REQUIREMENTS
REURN AND EXHAUST DUCTS TURNING VANES CHANGE OF DUCT SIZE MAX. 15' TRANSITION CONCAL SPIN-IN OR TRANSITION TO CONNECTION SIZE AT LEAST 50% GREATER DUCTS CONCAL SPIN-IN OR TRANSITION TO CONNECTION SIZE AT LEAST 50% GREATER DUCTS CONNECTION SIZE AT LEAST 50% GREATER DUCTS CONNECTION SIZE AT LEAST 50% GREATER DUCTS CONNECTION CONNECTION SIZE AT LEAST 50% GREATER DUCTS CONNECTION SIZE AT LEAST 50% GREATER DUCTS CONNECTION C	UPST	OTTOM OF DUCT REAM OF TURNING S. REQUIRED FOR		45		CONICAL SPIN-IN				
CHANGE OF DUCT SIZE CHANGE OF			١	ROUND OR RECTANGULAR		OK ONLY UNDER RUNOUT TO SINGLE DIFFUSER OR	Ξ	PENETRATIONS SEALED (SM	MACNA SEAL C	LASS A).
Image: Max. 15' more than 12' (1/3W 0K IF UNDER 3,000 FPM) 3.EXHAUST AND RETURN DUCTWORK: Image: Transition 2' STATIC PRESSURE CLASS WITH ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL UNDER 3,000 FPM) Image: Contract spin-in or transition to connection size at least 50% greater than area of swaller Duct Image: Contract spin-in or the spin-in or	CHANGE OF DUCT SIZ	ZE CITPICAL REQUIRED FOR RETURN & EXHAUST DUCTS	-)					PENETRATIONS SEALED (SM	MACNA SEAL C	
GRILLES AND FIRST DAMPER.					RE THAN 12" '3W OK IF	°M)		2" STATIC PRESSURE CLAS	SS WITH ALL T	• •
Buildir Enginee Fire			THE DUCT AREA	→ ₩ + -						LASS A). 1" PRESSURE CLASS ACCEPTABLE BETWEEN City Development /ISSU
		TRANSITION TO CONNECTION SIZE AT LEAST 50% GREATER THAN AREA OF SMALLER								Building Engineerin Fire



DRAWING INDEX

SHEET NUMBER	DESCRIPTION
MO.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

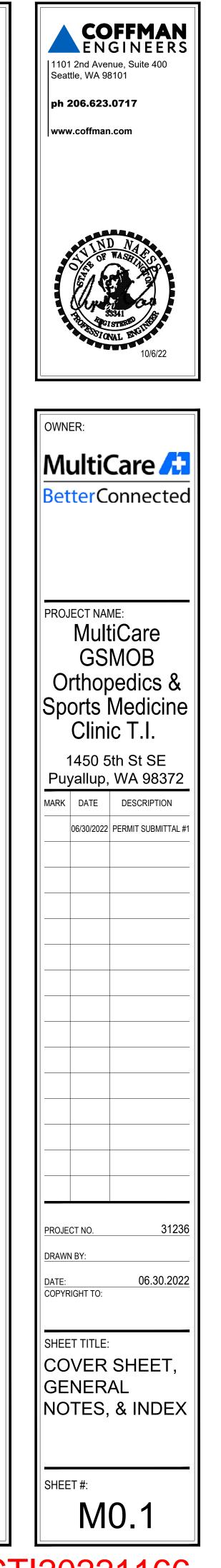
GENERAL NOTES

- 1. 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.
- 2. 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 ACCESSABLE 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.
- 3. 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.
- 4. 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.
- 5. 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 DIFFUCULT 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.
- 6. PIPE AND EQUIPMENT IDENTIFICATION: PROVIDE PIPE, EQUIPMENT, AND VALVE LABELING.
- 7. 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.
- 8. PIPING, DUCTWORK AND EQUIPMENT ANCHORAGE: PROVIDE SEISMIC RESTRAINTS AND ANCHORAGE PER SPECIFICATIONS AND THE INTERNATIONAL BUILDING CODE.
- 9. HANDICAP FIXTURES: PLUMBING FIXTURES AND TRIM IN HANDICAP ACCESSIBLE AREAS SHALL COMPLY WITH ADA STANDARDS AS WELL AS STATE AND LOCAL CODES.
- 10. ELECTRICAL CLEARANCES: COORDINATE WITH ALL TRADES TO MAINTAIN ELECTRICAL SERVICE CLEARANCE (PER NATIONAL ELECTRIC CODE) FOR MECHANICAL EQUIPMENT.

ENERGY CODE NOTES

A. EQUIPMENT EFFICIENCIES AND CAPACITIES: SEE EQUIPMENT SCHEDULES.

- B. 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.
- C. PROVIDE DDC CONTROLS IN ACCORDANCE WITH C403.2.4.12 2015 WASHINGTON STATE ENERGY CODE.
- D. OFF-HOUR CONTROLS: PROVIDED WITH THERMOSTATIC SETBACK, AUTOMATIC SETBACK AND SHUTDOWN, AND AUTOMATIC START AS PER C403.2.4.2 2015 WASHINGTON STATE ENERGY CODE.
- E. 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.
- F. ECONOMIZER FAULT DETECTION: IN ACCORDANCE WITH C403.2.4.7, PROVIDE ECONOMIZER FAULT DETECTION AND DIAGNOSTICS ON REQUIRED EQUIPMENT
- G. HEAT PUMP (UNITARY, AIR COOLED) MICROPROCESSOR CONTROLS: PROVIDED PER WASHINGTON STATE ENERGY CODE SECTION C403.2.4.1.1
- H. 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
- I. BALANCING DAMPERS, VALVES, AND ASSOCIATED TESTING AND ADJUSTING EQUIPMENT ARE SHOWN ON THE HVAC, PLUMBING, AND PIPING DIAGRAMS.
- J. AIR ECONOMIZERS: SEE EQUIPMENT SCHEDULES. INTEGRATED ECONOMIZER CONTROLS TO BE PER C403.3.1. ECONOMIZER TO NOT INCRESE BUILDING HEATING. HIGH-LIMIT SHUT-OFF TO BE PER ENERGY CODE TABLE C403.3.3.3
- K. DUCT SEALING: SEE "DUCT CONSTRUCTION AND SEALING REQUIREMENTS"
- L. DUCT AND PIPING INSULATION: SEE "INSULATION REQUIREMENTS" ON SHEET(S) MO.01
- M. 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
- N. 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 AABC MEMBER. BALANCING CONTRACTOR SHALL BE CONTRACTED WITH THE OWNER. COMPLETED COMMISSIONING REPORT SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER.



		HEALT	HCAF	RE AI	R CH	ANGE F	RATE	S										
					ROOM	ļ /) REQUIRE	EMENTS		DESIGN ARFLOW CONDITIONS								
			FLOOR	ROOM			OUTSIDE AIR		TOTAL									
AREA SERVED		FUNCTION OF SPACE	AREA			A HEIGHT VOLUME		PRESSURE RELATIONSHIP	MIN. AIR CHANGES FLOW		MIN. AIR CHANGES	Min. Air Flow	PRESSURE RELATIONSHIP	OUTSIDE AIR	SUPPLY	Y EXHAUST	RETURN	TOTAL AIR CHANGES
			(SQ. FT.)	(FT.)	(CU. FT.)		(AC/HR)	(CFM)	(AC/HR)	(CFM)		(CFM)	(CFM)	(CFM)	(CFM)	(AC/HR)		
4308	EXAM ROOM	EXAMROOM	104	9	936	-	2	31	6.0	94	-	105	375	130		24.0		
4311	EXAM ROOM	EXAM ROOM	121	9	1089	-	2	36	6.0	109	-	36	130		110	7.2		
4315	EXAM ROOM	EXAM ROOM	107	9	963	-	2	32	6.0	96	-	36	130		110	8.1		
4306/4312	PATIENT CORRIDOR	EXAM ROOM	211	9	1899	-	0	0	2.0	63	-	28	100			3.2		

VAV TERMINAL UNIT SCHEDULE

UNIT NO.	BASIS OF DESIGN	SERVICE	VAV DUCT SIZE	MAX. CFM	MIN. CFM	EAT	LAT	ELECT
onn no.	BAGIO OF DEGION	OEIWIGE	VAV DOOT OIZE					
VAV-2/4-10	TRANE VCEF	EXAM ROOMS	6	260	260	50	95	
VAV-2/4-13	TRANE VCEF	EXAMS ROOMS	8	375	130	50	95	
NOTES								

NOTES:

1. PROVIDE WITH SCR CONTROL

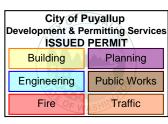
2. VAV DUCT SIZE IS FOR UNIT SIZING ONLY, ACTUAL CONNECTED DUCTS TO BE EITHER ONE SIZE LARGER OR THE SIZE INDICATED ON THE DRAWINGS 3. CONTROL POWER BY BAS

4. MIN CFM BASED ON 28% OSA

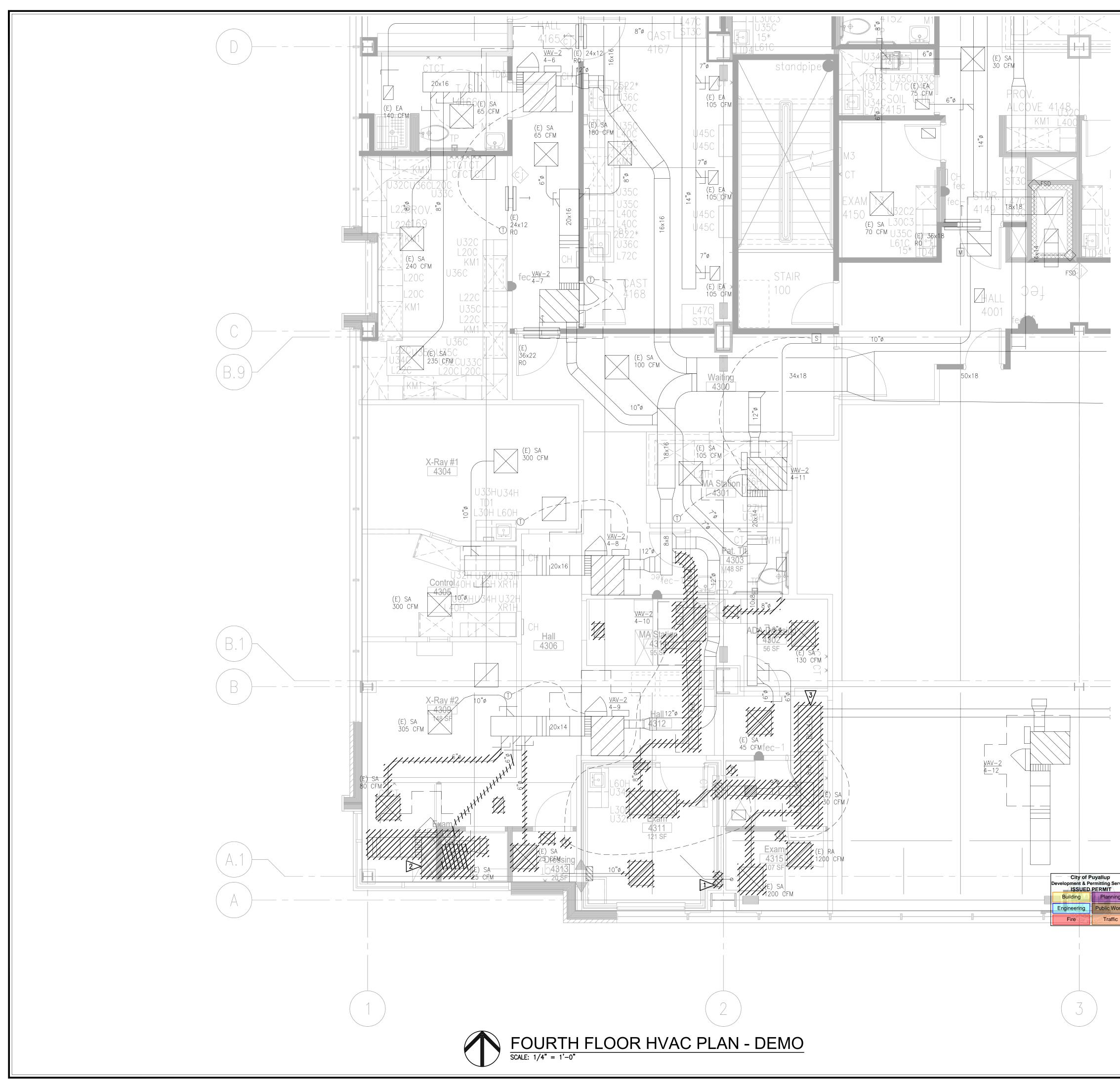
5. VAV TO HAVE NO LINER OR STERILOC LINDER

	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							

CTRIC HEATING	REMARKS
KW	KEWIARNO
4	ALL
2	ALL
SS	



COFFFMAN COFFFMAN Seattle, WA 98101 Ph 206.623.0717 www.coffman.com
SISAI DE INTERNET SISAI DE INTERNET TOTAL ENCLUSION 10/6/22
OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, WA 98372 MARK DATE DESCRIPTION 06/30/2022 PERMIT SUBMITTAL #1
PROJECT NO. 31236 DRAWN BY:
SHEET TITLE: MECHANICAL SCHEDULES
SHEET #: M0.2

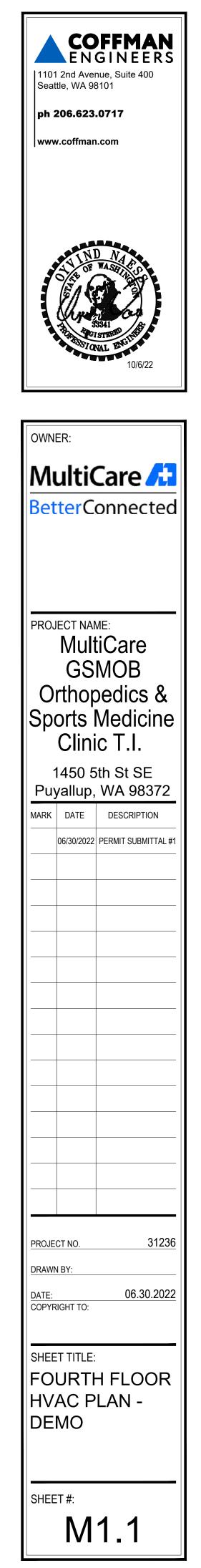


SHEET NOTES

QUENCH VENT TO BE CAPPED AND REMAIN IN PLACE.

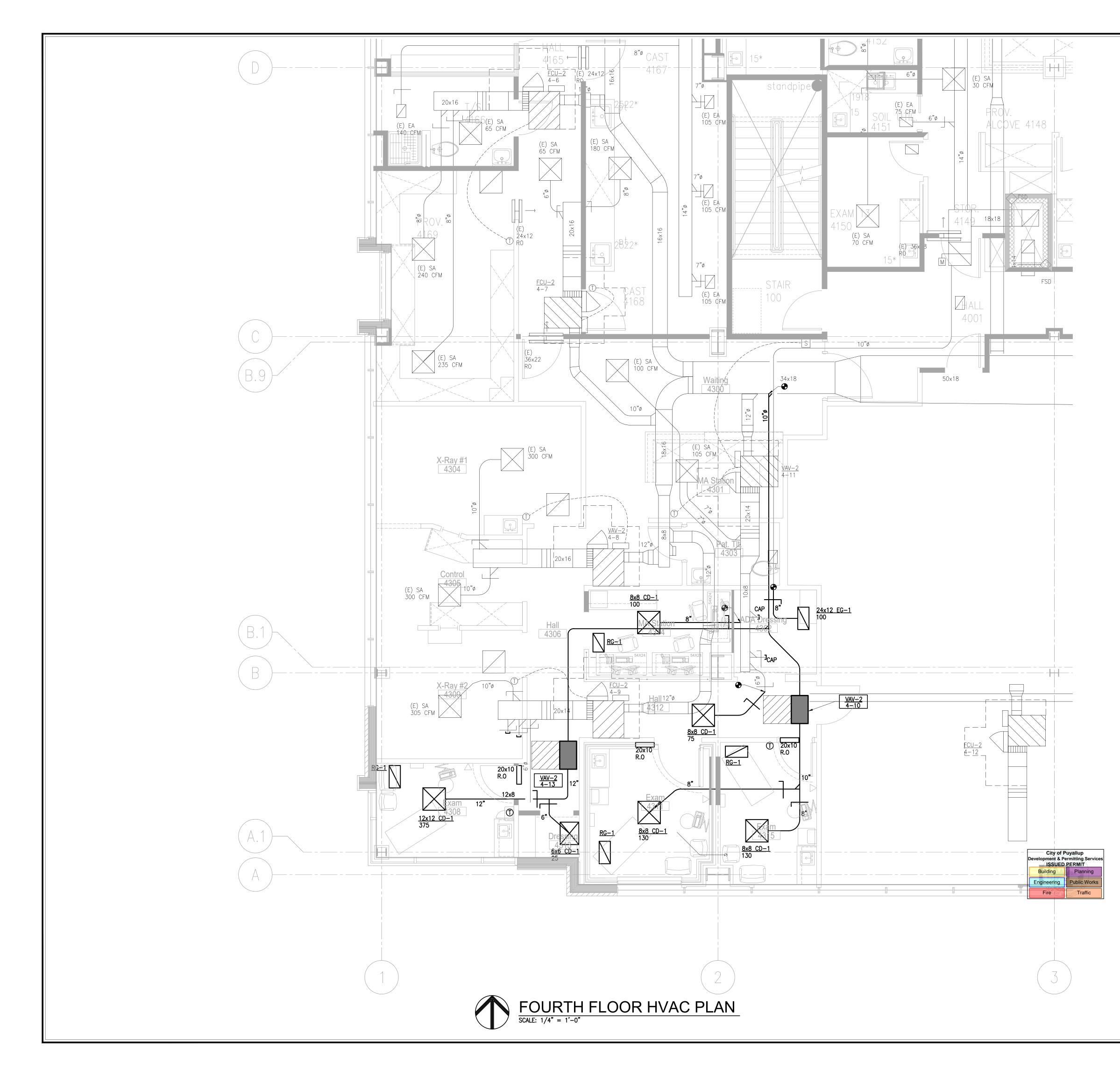
2 UNIT NOT VISIBLE DURING THE SITE VISIT.

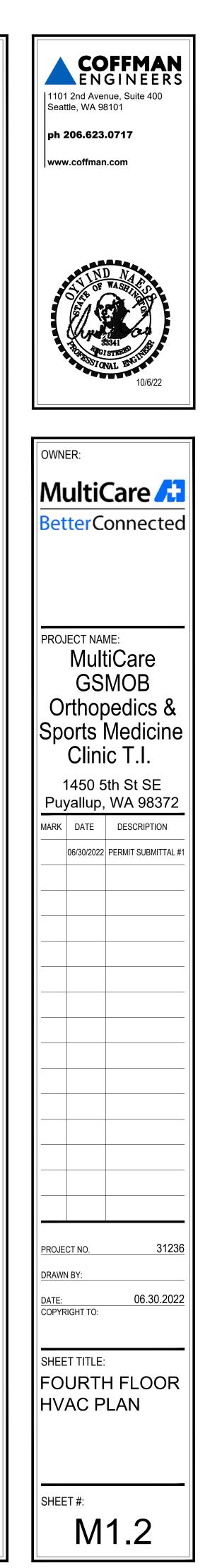
REMOVE FAN COIL UNIT. REFRIGERANT PIPES AND CONDENSING UNIT TO BE DECOMMISSIONED AND TO REMAIN IN PLACE. MECHANICAL CONTRACTOR TO PROVIDE DECOMMISSIONING PROCEDURE TO OWNER FOR REVIEW.



REVISIONS TO PERMIT: PRCTI20221166

0 1 2 3 4



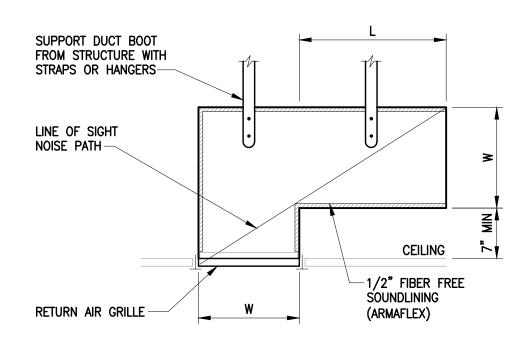


<u>GENERAL NOTES</u>

1. PROVIDE RETURN AIR BOOT FOR EACH RETURN.

REVISIONS TO PERMIT: PRCTI20221166

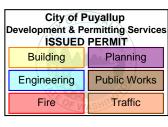
0 1 2 3 4 6



NOTES:

- RETURN AIR BOOT SHALL BE CONSTRUCTED OF SHEET METAL W/ 1/2" FIVER FREE SOUND LINING.
- 2. INSIDE OF BOOT SHALL BE PAINTED FLAT BLACK.
- 3. DIMENSION "W" IS EQUAL TO GRILLE WIDTH.
- DIMENSION "L" SHALL BE SUFFICIENT TO PREVENT "LINE OF SIGHT" NOISE PATH OR 2'-0" MIN.





COFFFMAN ENGINEERS 1101 2nd Avenue, Suite 400 Seattle, WA 98101 ph 206.623.0717 www.coffman.com
TU/6/22
OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Orthopedics & Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Provenilaze: VVAUENTER MARK DATE DESCRIPTION 06/30/2022 PERMIT SUBMITTAL #1
PROJECT NO. 31236 DRAWN BY: 06 30 2022
DATE: 06.30.2022 COPYRIGHT TO: SHEET TITLE: DETAILS
SHEET #: M3.1

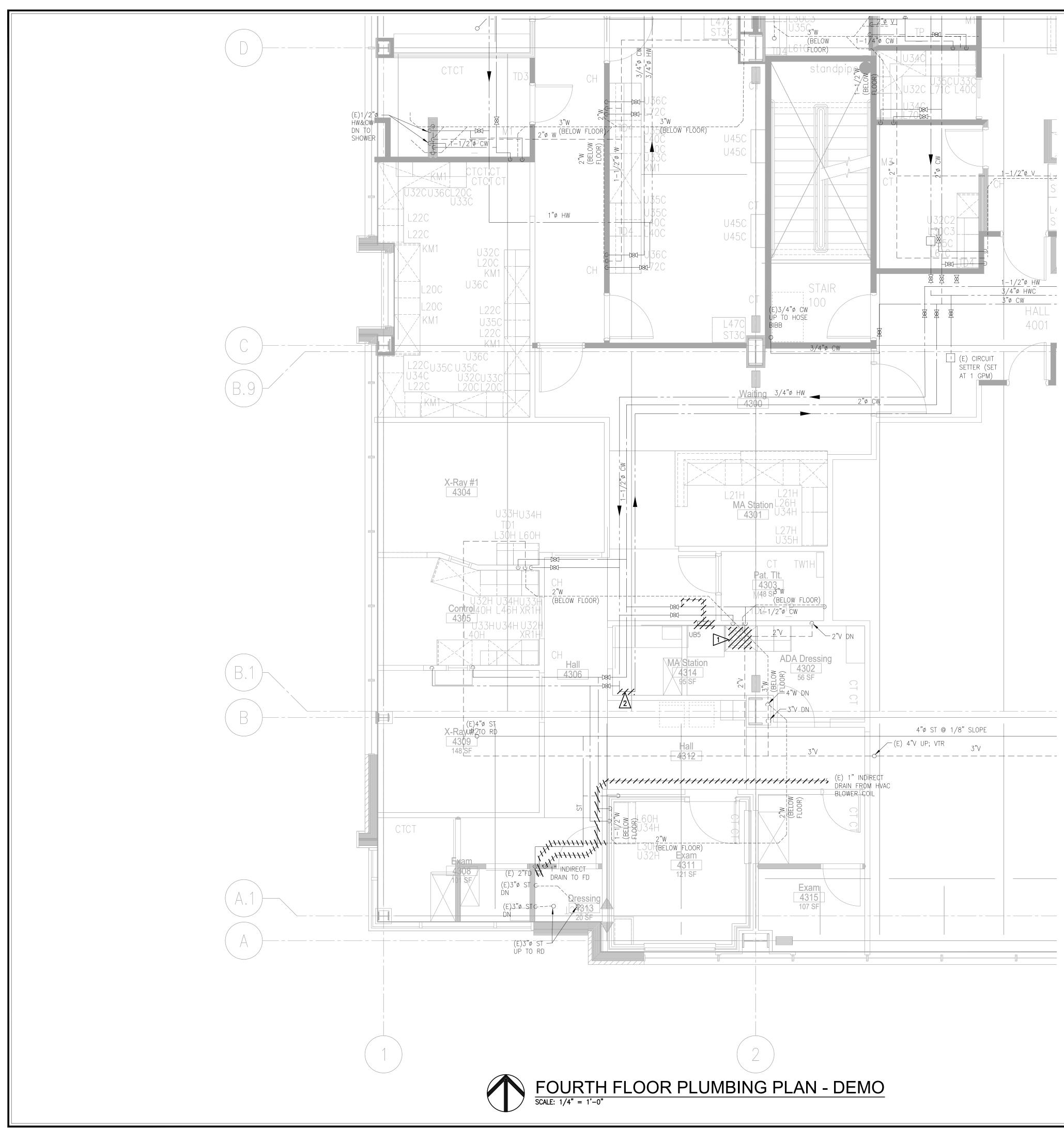
	GENERAL LEGEND		ABBREV	ATIONS					PIPING LE	GEND	
SYMBOL	DESCRIPTION	ABBR	DESCRIPTION	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION
A B	DETAIL SYMBOL: A = IDENTIFYING NUMBER	ABV AD	ABOVE ACCESS DOOR	L LAT	LENGTH LEAVING AIR TEMPERATURE			LIGHT LINEWORK INDICATES]	CAP	PIPE END CAP
B	B = SHEET where detail is shown	AHU AL	AIR HANDLING UNIT ACOUSTIC LINED	lbs lf	POUNDS LINEAR FOOT/FEET	·/////////////////////////////////////		INDICATES PIPING OR EQUIPMENT			PIPE TURNING DOWN OR AWAY PIPE TURNING UP OR TOWARD
	DETAIL SYMBOL: $A = IDENTIFYING NUMBER$	AP APD	ACCESS PANEL AIR PRESSURE DROP	LVG LWG	LEAVING LOW WALL GRILLE	SS	SS	SANITARY SEWER - OUTSIDE BUILDING AND	 		PIPE TURNING DOWN OR AWAY (TEE)
A B C	B = SHEET WHERE DETAIL IS TAKEN C = SHEET WHERE DETAIL IS SHOWN	ARCH	ARCHITECT/ARCHITECTURAL AUTOMATIC RELIEF VALVE or	LWR LWT	LOW WALL REGISTER LEAVING WATER TEMPERATURE			BELOW GROUND	⊽		REDUCER (NOT TYPICALLY SHOWN)
		ARW	ACID RESTISTANT VENT ACID RESTISTANT WASTE		MAXIMUM	SD	SD	STORM DRAIN - OUTSIDE BUILDING AND BELOW GROUND	•		PIPE CONNECTION
A	SECTION SYMBOL: A = IDENTIFYING LETTER			MAX MBH	1000 BRITISH THERMAL		W	WASTE (& SOIL) - ABOVE GROUND - INTERIOR			PIPE ANCHOR
B	B = SHEET where section is shown	BDD BFP	BACKDRAFT DAMPER BACKFLOW PREVENTER	MCC	UNITS PER HOUR MOTOR CONTROL CENTER		W	WASTE (& SOIL) - BELOW GROUND - INTERIOR	~		(NOT ALWAYS SHOWN, SEE SPECIFIC
		BHP BG	BRAKE HORSEPOWER BELOW GROUND	MECH MFR	MECHANICAL MANUFACTURER	APW	V ARW	VENT ACID RESISTANT WASTE	=		PIPE ALIGNMENT GUIDES
A	SECTION SYMBOL: $A = IDENTIFYING LETTER$	BJ BTU	Between Joists British Thermal Unit	MIN MISC	MINIMUM MISCELLANEOUS	ARV	ARV	ACID RESISTANT WASTE			(NOT ALWAYS SHOWN, SEE SPECIFIC
BC	B = SHEET where section is taken C = SHEET where section is shown	BTUH	BRITISH THERMAL UNITS PER HOUR	MTD MTG	MOUNTED MOUNTING		CW	COLD WATER - DOMESTIC	 \	HB	HOSE BIBB
¥		C CC	CENTIGRADE COOLING COIL		NOT APPLICABLE		HW	HOT WATER - DOMESTIC	<u>+</u> +	WH/NFWH	WALL HYDRANT or NON-FREEZE WAL
1	SECTION CUT LINE INDICATOR	CD	CEILING DIFFUSER CUBIC FEET PER MINUTE	N/C	NORMALLY CLOSED		HWC	HOT WATER CIRCULATING - DOMESTIC			CLEANOUT or WALL CLEANOUT
		CG	CEILING GRILLE	N/O NC	NORMALLY OPEN NOISE CRITERIA	RD	RD	RAINWATER DRAINAGE – ABOVE GROUND		FCO/SCO FDC	FLUSH CLEANOUT or SURFACE CLEAN FIRE DEPARTMENT CONNECTION
	KEYED REFERENCE NOTE OR SHEET NOTE	CLG	CAST IRON CEILING	NIC NTS	NOT IN CONTRACT NOT TO SCALE		RD ORD	RAINWATER DRAINAGE – BELOW GROUND RAINWATER DRAINAGE OVERFLOW – ABOVE GROUND		100	
•		CO CONC	CLEANOUT CONCRETE	OA	OUTSIDE AIR	ORD	ORD	RAINWATER DRAINAGE OVERFLOW - BELOW GROUND	μ		FIRE SPRINKLER ALARM GONG
	POINT OF CONNECTION (POC) SYMBOL	CONN CONST	CONNECT or CONNECTION CONSTRUCTION	OBD 0/C	OPPOSED BLADE DAMPER ON CENTER	D	D	DRAIN – INDIRECT	⊕	AD	AREA DRAIN
<u>P1-1</u>	PLUMBING FIXTURE REFERENCE (REFER TO SCHEDULE)	CONT CR	CONTINUATION CONDENSATE RETURN	OD OPNG	OUTSIDE DIAMETER OPENING	RV	RV	RELIEF VALVE VENT			FLOOR DRAIN or FUNNEL FLOOR DRA
AHU-1	EQUIPMENT IDENTIFICATION (REFER TO SCHEDULES)	DB	DECIBLE or DRY BULB			_		PIPE SLOPE DIRECTION	\boxtimes	FS	FLOOR SINK
$\langle A \rangle$	MEDICAL GAS OUTLET IDENTIFICATION (REFER TO SCHEDULE)	DDC DIA	DIRECT DIGITAL CONTROL DIAMETER	PCV PD	PRESSURE CONTROL VALVE PRESSURE DROP	ICW	ICW	INDUSTRIAL COLD WATER	0	OD RD	OVERFLOW DRAIN ROOF DRAIN
Ŭ.		DIM	DIMENSION	PH or Ø PLCS	PHASE PLACES		SCW	SOFT COLD WATER	\bowtie	ND	SHUTOFF VALVE (AS SPECIFIED FOR
Ą	MEDICAL GAS ZONE VALVE STATION MOUNTED IN WALL	DN DPR	DOWN DAMPER	POC POUA	POINT OF CONNECTION POINT OF USE ALARM	+CW	FCW IHW	COLD WATER (FLUSHING SYSTEM) INDUSTRIAL HOT WATER	1881	BV	BALL VALVE
h	MEDICAL GAS ALARM PANEL MOUNTED IN WALL	DWG	DRAWING	PRV PSI	PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH	——КНW——— — — — —	KHW	KITCHEN HOT WATER	Ň	CKV	CHECK VALVE
₽ ₽		E-100	EXHAUST AIR NUMBER INDICATES CFM QUANTITY	PSIG	POUNDS PER SQUARE INCH GAGE		KHWC	KITCHEN HOT WATER CIRCULATING	N	BFV	BUTTERFLY VALVE
	MEDICAL GAS OUTLET	EA EAT	EACH ENTERING AIR TEMPERATURE	R-100	RETURN AIR NUMBER INDICATES CFM QUANTITY	LHW	LHW	LAUNDRY HOT WATER	MS I¥I	BFV	BUTTERFLY VALVE W/ MEMORY STOP
		EF	EXHAUST FAN	RA	RETURN AIR	LHWC	LHWC	LAUNDRY HOT WATER CIRCULATING	×	BAL VA	BALANCING VALVE
	REVISION CLOUD AND REVISION NUMBER	EG ELEC	EXHAUST GRILLE ELECTRIC or ELECTRICAL	RAG REQD	RETURN AIR GRILLE REQUIRED	NPW	NPW	NON-POTABLE WATER	k	BSV	COMBINATION BALANCING/SHUTOFF VA
	REVISION GLOOD AND REVISION NUMBER	ELEV EMCS	ELEVATION ENERGY MANAGEMENT CONTROL SYSTEM	PPRD	REDUCED PRESSURE BACKFLOW PREVENTOR	IW	IW	IRRIGATION WATER DEIONIZED WATER	必	ACV	2-WAY MODULATING CONTROL VALVE
	BINARY (YES/NO) SENSING SWITCH	ESP EWT	EXTERNAL STATIC PRESSURE ENTERING WATER TEMPERATURE	RPM	REVOLUTIONS PER MINUTE	DW	DW	DISTILLED WATER	密	ACV	3-WAY MODULATING CONTROL VALVE
	(PIPE OR DUCT MOUNTED)	EXH EXST or (E)	EXHAUST	S-100	SUPPLY AIR	CS	CS	CONDENSER WATER SUPPLY	K		2-POSITION CONTROL VALVE
_		F	FAHRENHEIT	SA	NUMBER INDICATES CFM QUANTITY SUPPLY AIR	CR	CR	CONDENSER WATER RETURN	×.	PRV	PRESSURE REDUCING VALVE
$\langle xx \rangle$	BINARY (YES/NO) SENSING SWITCH (SURFACE MOUNTED)	FA FCO	FACE AREA FLOOR CLEANOUT	SF SHT	SUPPLY FAN Sheet	CWS	CWS	CHILLED WATER SUPPLY - COOLING	K K	RV	RELIEF VALVE
\sim	X ,	FCU	FAN COIL UNIT	SIM SP	SIMILAR STATIC PRESSURE	CWR	CWR	CHILLED WATER RETURN - COOLING	ΣF	FMS STR	FLOW MEASUREMENT STATION Y-TYPE STRAINER
XX	ANALOG SENSING DEVICE (PIPE OR DUCT MOUNTED)	FD FDPR	FLOOR DRAIN FIRE DAMPER	SQ SQ FT	SQUARE SQUARE FOOT/FEET	RL RS	RL RS	LIQUID LINE – REFRIGERANT SUCTION LINE – REFRIGERANT	' >' D e (1	GLV	GLOBE VALVE
	ANALOG SENSING DEVICE	FFD FF	FUNNEL FLOOR DRAIN FINAL FILTER	SS STD	STAINLESS STEEL STANDARD		HG	HOT GAS LINE - REFRIGERANT	$\overline{\mathbb{A}}$	OSY VA	OUTSIDE SCREW AND YOKE VALVE
XX	(SURFACE MOUNTED)	FLR FPM	Floor Feet per minute				HWS	HOT WATER HEATING SUPPLY	X	EXP VA	EXPANSION VALVE
\otimes	ANALOG SENSING DEVICE (SURFACE MOUNTED)	FPS FT	FEET PER SECOND FOOT/FEET	THK TP	THICK TRAP PRIMER or TEST PLUG	HWR	HWR	HOT WATER HEATING RETURN			
	(APPROPRIATE FOR MEASÙRED FLUID) SUBSCRIPT LETTER (X) INDICATES:	FV	FACE VELOCITY	typ Tu	TYPICAL TERMINAL UNIT	FOS	FOS	FUEL OIL SUPPLY	<u>ت</u>	FCV	FLOW CONTROL VALVE
	A – ALARM PRESSURE SENSOR D – DIFFERENTIAL PRESSURE	GA GAL	GAGE or GAUGE GALLON	UBC	UNIFORM BUILDING CODE	FOR	FOR	FUEL OIL RETURN	ų.		
	F — FLOW RATE	GALV GPH	GALLON GALVANIZED GALLONS PER HOUR	UFC UMC	UNIFORM FIRE CODE UNIFORM MECHANICAL CODE	GGG	G LPG	NATURAL GAS LIQUID PETROLEUM GAS			FLANGES
	H – HUMIDITY L – LOW LIMIT	GPM	GALLONS PER HOUR GALLONS PER MINUTE	UPC UG	UNIFORM PLUMBING CODE UNDERGROUND	LPS	LPG	LOW PRESSURE STEAM SUPPLY	٨		THREADED DRAIN PLUG
	P – PRESSURE (STATIC) T – TEMPERATURE	Н	HEIGHT	UH	UNIT HEATER	LPR	LPR	LOW PRESSURE STEAM CONDENSATE RETURN	▲ ⊙		MALE (GARDEN) HOSE CONNECTION V
	V - VELOCITY & VOLUME FLOW RATE	HD HP	HEAD HORSEPOWER	VA	VALVE	MPS	MPS(20)	MEDIUM PRESSURE STEAM SUPPLY NUMBER IN PARENTHESIS INDICATES PSI	Ŷ	TP	TEST PLUG
		HTG HVAC	HEATING HEATING, VENTILATION AND	VAC VAV	VACUUM VARIABLE AIR VOLUME	MPR	MPR(20)	MEDIUM PRESSURE STEAM CONDENSATE RETURN	9		SHOCK ARRESTOR
		HWG	AIR CONDITIONING HIGH WALL GRILLE	VD VEL	VOLUME DAMPER VELOCITY			NUMBER IN PARENTHESIS INDICATES PSI	Ют	TH or TI	THERMOMETER (TEMPERATURE INDICAT
		HWR	HIGH WALL REGISTER	VFD VTR	VARIABLE FREQUENCY DRIVE VENT THRU ROOF	HPS	HPS(100) HIGH PRESSURE STEAM SUPPLY NUMBER IN PARENTHESIS INDICATES PSI	Ŷ'	IH OF II	IMERMUMETER (TEMPERATURE INDICAT
		HZ	HERTZ	w	WIDE	HPR	HPR(100) HIGH PRESSURE STEAM CONDENSATE RETURN NUMBER IN PARETHESIS INDICATES PSI	\overline{U}	B STR	BASKET STRAINER
		ID IE	INSIDE DIAMETER INVERT ELEVATION	₩/ ₩/0	WITH WITHOUT	PR	PR	STEAM CONDENSATE RETURN (PUMPED)	Ф Р	PI	PRESSURE INDICATOR
		IN INSUL	INCH or INCHES INSULATION	WB WCO	WET BULB WALL CLEANOUT	ATV	ATV	ATMOSPHERIC VENT	\otimes		
		INV	INVERT	WG	WATER GAGE	MA	MA	COMPRESSED MEDICAL AIR	Ŷ	AAV	AUTOMATIC AIR VENT
		KW KWH	KILOWATT KILOWATT HOUR	WGE WPD	WASTE GAS EVACUATION WATER PRESSURE DROP	LA	LA	COMPRESSED LABORATORY AIR	个		MANUAL AIR VENT
				WT	WEIGHT	MV 02	MV 02	MEDICAL VACUUM OXYGEN			
						N20	N20	NITROUS OXIDE			PUMP (DIAGRAM)
						N2	N2	NITROGEN	$\mathbf{v}_{\mathbf{v}}$		FLEXIBLE CONNECTOR
						C02	C02	CARBON DIOXIDE			
						——————————————————————————————————————	Α	COMPRESSED AIR			INDICATES ASSEMBLY OF PIPING COM (AS NOTED OR DIAGRAMED)
						V	V				
						LV	LV WGE	LABORATORY VACUUM WASTE GAS EVACUATION			City of Puyallup
						WGE	WGE	MAJIL OND EVACUATION			Development & Permitting Services
											Building Planning Engineering Public Works
											Fire Traffic

			COFFMAN ENGINEERS
		DRAWING INDEX	1101 2nd Avenue, Suite 400 Seattle, WA 98101
	SHEET NUMBER	DESCRIPTION	ph 206.623.0717
	P0.1 P0.2	COVER SHEET, GENERAL INFO & INDEX SCHEDULES	www.coffman.com
(TEE)	P1.2 P2.2	FOURTH FLOOR PLUMBING PLAN - DEMO FOURTH FLOOR PLUMBING PLAN	
WN)	P3.1	DETAILS	
Ĺ			
PECIFICATIONS)			OF WASHINGS
PECIFICATIONS)			un og
E WALL HYDRANT		GENERAL NOTES	HOLE STATES
CLEANOUT	TAKE SEC GEN REM	AND DUCT SIZES: WHERE A SECTION OF PIPE OR DUCT BETWEEN COFFS DOES NOT HAVE A SIZE INDICATED, IT SHALL BE SAME SIZE AS TION UPSTREAM (DOWNSTREAM FOR EXHAUST AND RETURN DUCTS). IN ERAL, AS VOLUME FLOW RATE DECREASES, PIPE OR DUCT SIZE SHALL AIN LARGE UNTIL A SMALLER SIZE IS INDICATED. NOTE THAT SOME PIPE DUCT SIZES ARE INDICATED ON ASSOCIATED DEVICE SCHEDULE.	10/6/22
r drain	AND GRIL FIRE ITEM ACC	ING COORDINATION: REFER TO ARCHITECTURAL REFLECTED CEILING PLANS ELECTRICAL PLANS. COORDINATE LOCATION OF DIFFUSERS, CEILING LES, SPRINKLER HEADS, ETC. WITH OTHER CEILING ELEMENTS. VALVES, DAMPERS, HEATING AND COOLING COILS, AND OTHER SERVICEABLE S ABOVE THE CEILING SHALL BE LOCATED SO AS TO BE READILY ESSABLE FROM REMOVABLE CEILING PANELS OR ACCESS DOORS. IF DVABLE PANELS OR ACCESS DOORS ARE NOT CONVENIENT, CONTACT	OWNER: MultiCare BetterConnected
FOR PIPING SYSTEM)	3. WALI ELEV	HITECT FOR DIRECTION PRIOR TO INSTALLING SERVICEABLE ITEMS. MOUNTED ITEMS: REFER TO ARCHITECTURAL PLANS AND WALL ATIONS FOR EXACT LOCATIONS OF PLUMBING FIXTURES, AND OTHER MOUNTED OR COUNTER MOUNTED MECHANICAL ITEMS.	
STOP DFF VALVE VALVE W/ ACTUATOR	SHO ALL OFFS AND DIST TEN/ COM	SETS: PLANS ARE DIAGRAMMATIC IN NATURE AND DO NOT ATTEMPT TO W EXACT LOCATIONS OF DUCTWORK AND PIPING NOR DO THEY SHOW OFFSETS THAT WILL BE REQUIRED FOR INSTALLATION. IN MANY CASES, SETS WILL REQUIRE SIGNIFICANT ADDITIONAL LENGTHS OF PIPE OR DUCT ADDITIONAL FITTINGS, PARTICULARLY IN AREAS WHERE OTHER MEP RIBUTION EXISTS IN UNKNOWN LOCATIONS, SUCH AS IN THE EXISTING ANT SPACE BELOW. PROVIDE ALL NEEDED OFFSETS WITHOUT ADDED PENSATION. PERFORM FIELD INVESTIGATION AND COORDINATE WITH	PROJECT NAME: MultiCare
VALVE W/ ACTUATOR	5. CLE/ ON PLUI PRO CLE/ ACC FROI BE	ER TRADES PRIOR TO FABRICATION OF DUCTWORK AND PIPING. NOUTS: PLUMBING CLEANOUT LOCATIONS ARE NOT ALWAYS ESTABLISHED THE PLANS IN ORDER TO GIVE THE PLUMBER FLEXIBILITY TO LOCATE MBING CLEANOUTS IN THE MOST ACCESSIBLE AREAS. AS A MINIMUM, VIDE CLEANOUTS AS REQUIRED BY THE UNIFORM PLUMBING CODE. NOUTS THAT MUST BE INSTALLED IN PIPES THAT ARE IN DIFFUCULT TO ESS AREAS SHALL BE EITHER WALL OR FLOOR CLEANOUTS SERVICED M THE FLOOR ABOVE. FLOOR CLEANOUTS SHALL BE LOCATED SO AS TO SERVICED FROM CORRIDORS, TOILETS OR JANITOR ROOMS WHEREVER SIBLE.	GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE
VE		AND EQUIPMENT IDENTIFICATION: PROVIDE PIPE, EQUIPMENT, AND VALVE LING.	Puyallup, WA 98372 MARK DATE DESCRIPTION
	HAM THR	P PRIMERS AND ARRESTORS: TRAP PRIMER ACTUATORS AND WATER MER ARRESTORS SHALL BE LOCATED TO BE ACCESSIBLE EITHER DUGH ACCESSIBLE CEILING OR WALL ACCESS DOORS, REFER TO CIFICATION FOR WHERE ARRESTORS NEED TO BE LOCATED.	06/30/2022 PERMIT SUBMITTAL #1
	RES ^T BUIL	NG, DUCTWORK AND EQUIPMENT ANCHORAGE: PROVIDE SEISMIC TRAINTS AND ANCHORAGE PER SPECIFICATIONS AND THE INTERNATIONAL DING CODE.	
TION WITH CAP	ACC AND 10. ELI	DICAP FIXTURES: PLUMBING FIXTURES AND TRIM IN HANDICAP ESSIBLE AREAS SHALL COMPLY WITH ADA STANDARDS AS WELL AS STATE LOCAL CODES. ECTRICAL CLEARANCES: COORDINATE WITH ALL TRADES TO MAINTAIN	
		TRICAL SERVICE CLEARANCE (PER NATIONAL ELECTRIC CODE) FOR HANICAL EQUIPMENT.	
NDICATOR)		INSULATION REQUIREMENTS	
		NSULATION REQUIREMENTS: TIC COLD WATER: 1/2" THICK ON 1" DIAMETER PIPE AND SMALLER. 1"	
	THICK	ON ALL PIPING LARGER THAN 1" DIAMETER.	
	1-1/2 ACCEP	TIC HOT WATER: 1" THICK ON 2" DIAMETER PIPING AND SMALLER. " THICK ON ALL PIPING OVER 2" DIAMETER. 1/2" INSULATION TABLE ON RUNOUTS UP TO 8 FEET IN LENGTH ROUTED IN WALLS TO ING FIXTURES.	
COMPONENTS			
			PROJECT NO. 31236
ervices ng orks			DRAWN BY: DATE: 06.30.2022 COPYRIGHT TO:
			SHEET TITLE: COVER SHEET AND GENERAL INFO
			SHEET #:
			P0.1
RE	VISI	ONS TO PERMIT: PF	RCTI20221166

	PLUMBING FIXTURE SCHEDULE									
SERVICE PIPE SIZE BASIS OF DESIGN										
MARK	ITEM	FLOW RATE	WASTE	VENT	C.W.	H.W.	MANUFACTURER	MODEL	REMARKS	NOTES
S-1 SINK-COUN	TER-1 COMPARTMENT	-	2	1-1/2	-	-	-	-	INTEGRAL CORIAN	C, bb
	FAUCET	1.5 GPM	-	-	1/2	1/2	CHICAGO	786–GR2E35V17XKAB	DECK MOUNT, 4" WRIST BLADE HANDLES, GOOSENECK SPOUT, 1.5 GPM LAMINAR FLOW CONTROL INSERT IN SPOUT INLET, PLAIN END SPOUT W/ NO AERATOR.	
NOTES:							STRAINER TYPES:	·	TRAPS:	
1. COORDINATE MOUNTI	ING HEIGHT W/ ARCH'L INTERIOR ELEVATIONS.						A. LAVATORY GRID TYPE (ADA)	"DEARBORN" 760W	aa. 1—1/4"x1—1/2" 17GA., "MCGUIRE" C8872	
2. LOCATE FLUSH VALVE HANDLE ON WIDE SIDE OF FIXTURE FOR ADA COMPLIANCE. B. LAVATORY GRID TYPE, "DEARBORN" 760 I bb. 1-1/2"x1-1/2" 17GA., "MCGUIRE" C8912					bb. 1-1/2"x1-1/2" 17GA., "MCGUIRE" C8912					
				C. SINK GRID TYPE, "ELKAY"	LK-18	cc. 2"x2"				
ם							D. SINK BASKET TYPE, "ELKA	Y" LK-99	dd. 3 [*] x3"	

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

COFFFMAN ENGINEERS 1101 2nd Avenue, Suite 400 Seattle, WA 98101 ph 206.623.0717 www.coffman.com
THE REPORT OF TH
OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, WA 98372 MARK DATE DESCRIPTION 06/30/2022 PERMIT SUBMITTAL #1
PROJECT NO. 31236 DRAWN BY:
SHEET TITLE: PLUMBING SCHEDULES
SHEET #: P0.2

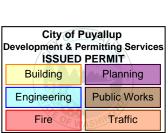


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OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, WA 98372
MARK DATE DESCRIPTION 06/30/2022 PERMIT SUBMITTAL #1
PROJECT NO. 31236 DRAWN BY:
SHEET TITLE: FOURTH FLOOR PLUMBING PLAN - DEMO
SHEET #: P1.1

SHEET NOTES

DEMO FIXTURE AND WATER AND WASTE/VENT CONNECTED TO FIXTURE.

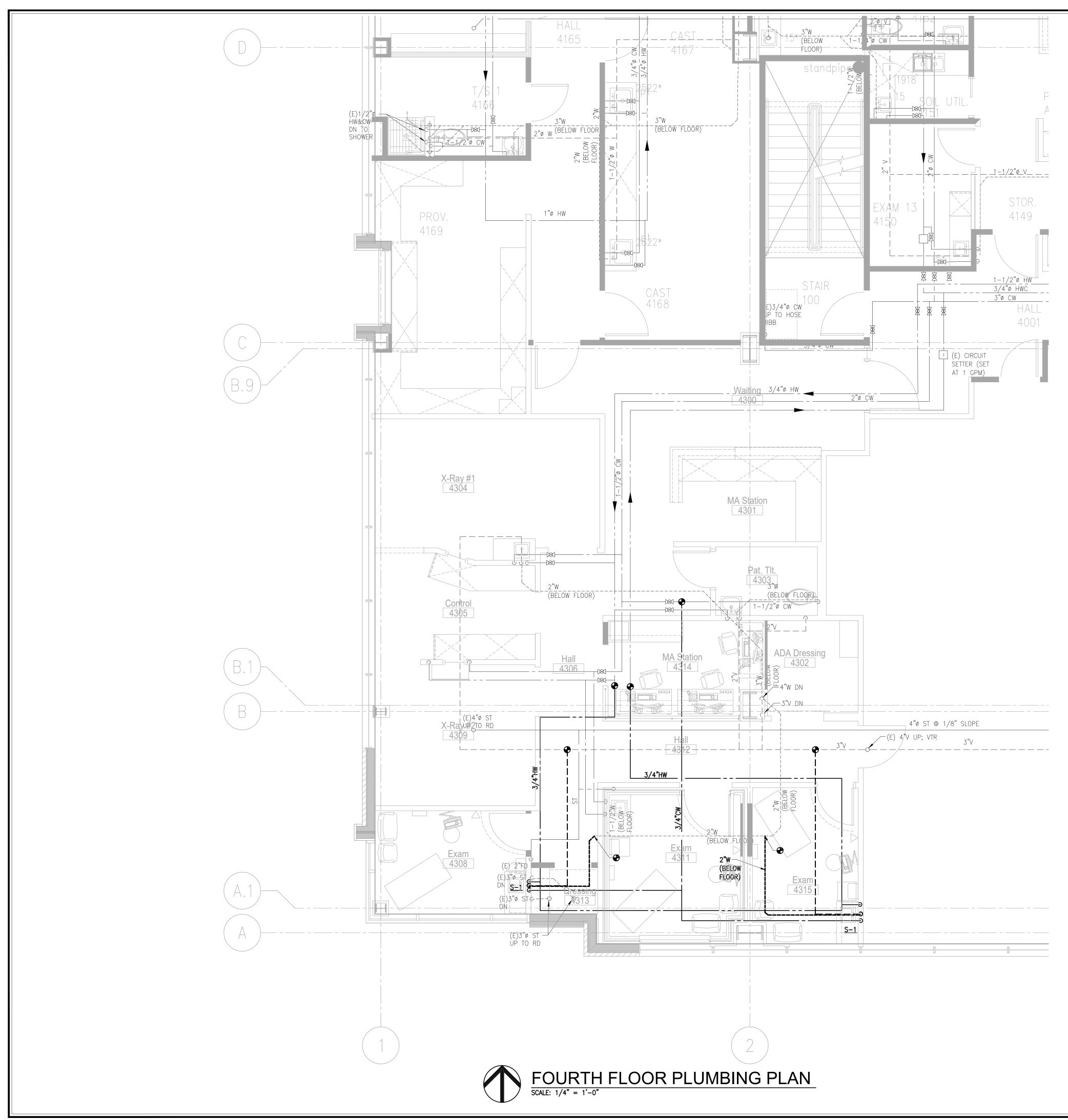
2 HW/HWC LOOP TO BE EXTENDED FURTHER TO SERVE NEW SINK LOCATIONS.



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0 1 2 3 4 6

/4"=1'-0"



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THE REPORT OF TH
OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, WA 98372
MARK DATE DESCRIPTION 06/30/2022 PERMIT SUBMITTAL #1
PROJECT NO. 31236 DRAWN BY:
SHEET TITLE: FOURTH FLOOR PLUMBING PLAN
SHEET #: P1.2

REVISIONS TO PERMIT: PRCTI20221166

0 1 2 3 4 6 1/4^{**}=1'-0"

City of Puyallup /elopment & Permitting Services ISSUED PERMIT Building Planning
 Building
 Planning

 Engineering
 Public Works

 Fire
 Traffic

	LIGHTING		RECEPTACLES
	luminaire: XX — luminaire type YY — circuit number	₽	HOSPITAL GRADE DUPLEX RECEPTACLE - NEMA 5-13 DEDICATED CIRCUIT)
Υ Υ	XXE – LUMINAIRE TYPE ENDING IN E INDICATE BATTERY BACKUP	∰ AC	HOSPITAL GRADE DUPLEX RECEPTACLE – ABOVE COL ARCH. ELEVATIONS
	LUMINAIRE ON EMERGENCY CIRCUIT	₽₀	HOSPITAL GRADE DUPLEX RECEPTACLE - DEDICATED
	EXIT SIGN, CEILING MOUNT	∰wp	HOSPITAL GRADE DUPLEX RECEPTACLE - WEATHERPR
	REFER TO ARCHITECTURAL LIFE SAFETY PLAN FOR DIRECTION OF TRAVEL	₽ _{TR}	HOSPITAL GRADE DUPLEX RECEPTACLE - TAMPER RE
	EXIT SIGN, WALL MOUNT REFER TO ARCHITECTURAL LIFE SAFETY	₽GFCI	HOSPITAL GRADE DUPLEX RECEPTACLE - GROUND F/ INTERRUPTER
	PLAN FOR DIRECTION OF TRAVEL	∰usв	Hospital grade duplex receptacle – Universal
	SURFACE MOUNT EMERGENCY LUMINAIRE	₽spd	HOSPITAL GRADE DUPLEX RECEPTACLE – SURGE PRO
	SURFACE MOUNT EMERGENCY/EXIT LUMINAIRE SINGLE POLE SWITCH - SUBSCRIPT	 ↓	HOSPITAL GRADE DOUBLE DUPLEX RECEPTACLE HOSPITAL GRADE DUPLEX RECEPTACLE - CEILING MC
с	INDICATES SWITCHING DUTY. PROVIDE ONE SWITCH FOR EACH SWITCHING DUTY SHOWN.	чт Ф	HOSPITAL GRADE CONTROLLED DUPLEX RECEPTACLE
	DOUBLE POLE SWITCH	₩ ∰ AC	ABOVE COUNTER HOSPITAL GRADE CONTROLLED DUPI
	THREE-WAY SWITCH	$\ddot{\mathbf{\nabla}}$	SPECIAL RECEPTACLE - TYPE AS INDICATED
	DIMMER SWITCH	CR	CORD REEL
	KEY OPERATED SWITCH		EQUIPMENT
i	SWITCH WITH OCCUPANCY SENSOR	<u></u>	PANELBOARD 277/480V
	SWITCH WITH PILOT LIGHT SWITCH WITH TIMER		PANELBOARD 2777480V PANELBOARD 120/208V
	LOW VOLTAGE SWITCH (2 BUTTON) -	6	CABINET - TYPE AS INDICATED ON PLAN
ıbc	SUBSCRIPT INDICATES CONTROL ZONES. PROVIDE ONE SWITCH FOR EACH CONTROL		SWITCHBOARD
		Ţ	TRANSFORMER - SIZE AND VOLTAGE AS INDICATED (
)abc	LOW VOLTAGE DIMMER SWITCH (4 BUTTON) – SUBSCRIPT INDICATES DIMMING ZONES. PROVIDE ONE DIMMER SWITCH FOR EACH		HORSEPOWER RATED TOGGLE SWITCH WITH OVERLOAD
	DIMMING ZONE.	Øn	COMBINATION STARTER HP RATED, 3-POLE, NEMA 1 MINIMUM UNLESS
	OCCUPANCY SENSOR, IR, CEILING MOUNT	_	OTHERWISE - OVERCURRENT PROTECTION AS F
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, 360° CEILING MOUNT	Съ Eъ	NON-FUSED DISCONNECT SWITCH - SIZE PER CONN FUSED DISCONNECT SWITCH - SIZE PER CONNECTED
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL MOUNT		PROVIDE FUSES PER EQUIPMENT NAMEPLATE.
	CONTACTOR		EQUIPMENT CONNECTION
	RELAY	EF-1	MECHANICAL EQUIPMENT CALLOUT. REFER TO MECHA EQUIPMENT SCHEDULE.
	DAYLIGHT SENSOR	Ц	FLUSH FLOOR BOX
	LIGHTING ROOM CONTROLLER — SUBSCRIPT INDICATES NUMBER OF CONTROL ZONES.	•	POKE THRU FITTING
	PROVIDE ONE RELAY FOR EACH CONTROL ZONE.	€ FF	POKE THRU FITTING WITH FURNITURE FEED
	lighting room controller (Dimming) — Subscript indicates number of Dimming	♀FF ■ PP	FURNITURE FEED POWER POLE
	ZONES. PROVIDE ONE RELAY FOR EACH DIMMING ZONE.		
		1	ELECTRICAL RISER
		 30≜/3₽	GROUND
		30A/3P 	CIRCUIT BREAKER NUMBER INDICATES TRIP SETTING AND NUMBER
		400AF/300AT	ADJUSTABLE TRIP CIRCUIT BREAKER NUMBERS INDICATE FRAME SIZE / TRIP SETTIN
		400AS/300AF	FUSED DISCONNECT SWITCH NUMBERS INDICATE SWITCH SIZE / FUSE SIZE
		PNL	PANELBOARD
		3	CURRENT TRANSFORMER (CT)
		▼ 「ዖ	CABLE TO BUS CONNECTION AUTOMATIC TRANSFER SWITCH (ATS)
		< <u>xxx</u> >	Feeder Type - Refer to Feeder Schedule on C Utility meter
		M x	ENERGY METER - SUBSCRIPT INDICATES LOAD TYPE:
			H = HVAC $L = LIGHTING$ $P = PLUG$ $PR = PROCESS$ $W = WATER HEATING$
		PM	W = WATER HEATING POWER MONITOR
		W	WATTHOUR METER
			SURGE PROTECTIVE DEVICE (SPD)
		(XX,XXX)	AVAILABLE SYMMETRICAL FAULT CURRENT IN AMPS

CAL SYMBOLS

	RECEPTACLES
	HOSPITAL GRADE DUPLEX RECEPTACLE - NEMA 5-15R (NEMA 5-20R FOR DEDICATED CIRCUIT)
AC	HOSPITAL GRADE DUPLEX RECEPTACLE – ABOVE COUNTER. COORDINATE W/ ARCH. ELEVATIONS
)	HOSPITAL GRADE DUPLEX RECEPTACLE - DEDICATED (NEMA 5-20R)
VP	HOSPITAL GRADE DUPLEX RECEPTACLE - WEATHERPROOF
R	HOSPITAL GRADE DUPLEX RECEPTACLE - TAMPER RESISTANT
FCI	HOSPITAL GRADE DUPLEX RECEPTACLE – GROUND FAULT CIRCUIT INTERRUPTER
JSB	HOSPITAL GRADE DUPLEX RECEPTACLE - UNIVERSAL SERIAL BUS
SPD	HOSPITAL GRADE DUPLEX RECEPTACLE - SURGE PROTECTED
	HOSPITAL GRADE DOUBLE DUPLEX RECEPTACLE
	HOSPITAL GRADE DUPLEX RECEPTACLE - CEILING MOUNTED
	HOSPITAL GRADE CONTROLLED DUPLEX RECEPTACLE
AC	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
I	COMBINATION STARTER HP RATED, 3-POLE, NEMA 1 MINIMUM UNLESS NOTED OTHERWISE - OVERCURRENT PROTECTION AS REQUIRED
I	NON-FUSED DISCONNECT SWITCH - SIZE PER CONNECTED LOAD
I	FUSED DISCONNECT SWITCH - SIZE PER CONNECTED LOAD. PROVIDE FUSES PER EQUIPMENT NAMEPLATE.
_	EQUIPMENT CONNECTION
1	MECHANICAL EQUIPMENT CALLOUT. REFER TO MECHANICAL EQUIPMENT SCHEDULE.
	FLUSH FLOOR BOX
FF	POKE THRU FITTING
FF	POKE THRU FITTING WITH FURNITURE FEED FURNITURE FEED
PP	POWER POLE
	ELECTRICAL RISER
	GROUND
iΡ	
—	CIRCUIT BREAKER NUMBER INDICATES TRIP SETTING AND NUMBER OF POLES
00AT	ADJUSTABLE TRIP CIRCUIT BREAKER NUMBERS INDICATE FRAME SIZE / TRIP SETTING
DOAF	FUSED DISCONNECT SWITCH NUMBERS INDICATE SWITCH SIZE / FUSE SIZE
1	PANELBOARD
	CURRENT TRANSFORMER (CT)
	CABLE TO BUS CONNECTION
b	AUTOMATIC TRANSFER SWITCH (ATS)
>	FEEDER TYPE - REFER TO FEEDER SCHEDULE ON ONE-LINE
	UTILITY METER
x	ENERGY METER – SUBSCRIPT INDICATES LOAD TYPE: H = HVAC L = LIGHTING P = PLUG PR = PROCESS W = WATER HEATING
	POWER MONITOR
	WATTHOUR METER

	LOW VOLTAGE SYSTEMS
	FIRE_ALARM
HF	MANUAL PULL STATION WITH GUARD
H⊠⊲	HORN/STROBE
\square	HORN/STROBE - CEILING MOUNT
нØ	STROBE
团	STROBE - CEILING MOUNT
— НFр	BELL
$\overline{\$}$	SMOKE DETECTOR
\$1	DUCT TYPE SMOKE DETECTOR (SUPPLY DUCT U.O.N.)
`⊕	FIXED TEMPERATURE HEAT DETECTOR
R	ADDRESSABLE RELAY
M	MONITOR MODULE
— HШ	CONNECTION TO ELECTROMAGNETIC DOOR HOLDER
— H	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
$\triangleleft \triangleright$	DOOR CONTACTS
К	INFRARED MOTION DETECTOR
ΗK	KEYPAD
Ē	ELECTRIC STRIKE
н©	CARD READER
Ň	360° MOTION SENSOR
M	MAGNETIC LOCK
4	CABLE TELEVISION (CATV) SYSTEM
⊲™	CATV OUTLET
	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM
\bowtie	CCTV CAMERA
_	NURSE CALL SYSTEM
⊷• _B	MEDICAL EMERGENCY PUSHBUTTON STATION
⊢-+● · ●B	MEDICAL EMERGENCY CODE BLUE PUSHBUTTON STATION
••	EMERGENCY CALL STATION WITH PULL CORD
HSI	PATIENT BED STATION
HD	STAFF STATION
	DUTY STATION
\mathbf{A}	AUDIO-VISUAL CONTROL ANNUNCIATOR VISUAL CONTROL ANNUNCIATOR
$\mathbf{\nabla}$	
⊖ ⊖ ₇	DOME LIGHT, CEILING MOUNTED
∽∠ ⊦Ф	ZONE LIGHT DOME LIGHT, WALL MOUNTED
т	
	RACEWAYS
	RACEWAY CONCEALED IN WALL OR CEILING, EXPOSED IN UNFINISHED AREAS
	RACEWAY CONCEALED BELOW FLOOR
~~~~~	FLEXIBLE CONDUIT FIXTURE WHIP WITH CONDUCTORS
A-1,3,5	BRANCH CIRCUIT WIRING SHOWING CIRCUIT HOME RUN TO PANELBOARD. PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT.
o	RACEWAY TURNING UP
<b></b> >	RACEWAY TURNING DOWN
<u> </u>	CIRCUIT CONTINUATION
—_LV—_	LOW VOLTAGE WIRING
٩	JUNCTION BOX

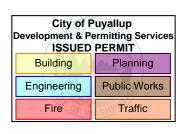
PB

PULL BOX

AD	AUTO DOOR	FAAP	FIRE ALARM ANNUNCIATOR PANEL
AF	AMPERE FRAME	FACP	FIRE ALARM CONTROL PANEL
AFF	ABOVE FINISHED FLOOR	FDMPR	FIRE DAMPER
AHU	AIR HANDLING UNIT	FH	FUME HOOD
AIC	AMPERE INTERRUPTING CURRENT	FMT	FLEXIBLE METALLIC TUBING
AMP	AMPERE	FU or F	FUSE
AMF	AMPERE SWITCH	FVNR	FULL VOLTAGE NON-REVERSING
ASV	AIR SOLENOID VALVE AMPERE TRIP	G	GROUND
AT		GALV	GALVANIZED
ATS	AUTOMATIC TRANSFER SWITCH	GC	GOGGLE CABINET
AWG	AMERICAN WIRE GAUGE	GD	
BAS	BUILDING AUTOMATION SYSTEM	GEC	GROUNDING ELECTRODE CONDUCTOR
BBO	BACKBOARD OPERATOR	GEN	
BL	BLEACHERS	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
BLDG	BUILDING	GSV	GAS SOLENOID VALVE
C	CONDUIT	HH	HAND HOLE
CAB	CABINET	HID	HIGH INTENSITY DISCHARGE
CB	CIRCUIT BREAKER	HP	HORSEPOWER
CCTV	CLOSED CIRCUIT TELEVISION	HPF	HIGH POWER FACTOR
CKT	CIRCUIT	HPS	HIGH PRESSURE SODIUM
CLG	CEILING	HT	HEAT TRACE
CM	COFFEE MAKER	IH	INSTAHOT
CMU	CONCRETE MASONRY UNIT	IM	ICE MACHINE
CO	CONDUIT ONLY	IWD	INTERCOM WALL DISPLAY
COMM	COMMUNICATION	J–BOX	JUNCTION BOX
COP	COPIER	kcmil	THOUSAND CIRCULAR MILS
СТ	COOK TOP	kV	KILOVOLT
СТ	CURRENT TRANSFORMER	kVA	KILOVOLT AMPERE
CU	COPPER	kW	KILOWATT
DCVA	DOUBLE CHECK VALVE ASSEMBLY	kWh	KILOWATT HOUR
DET	DETAIL	MAX	MAXIMUM
DIA	DIAMETER	MCC	MOTOR CONTROL CENTER
DISC	DISCONNECT	MFR	MANUFACTURER
DSPL	DISPOSAL	MECH	MECHANICAL
DLC	DOOR LOCK CONTROLLER	MH	MANHOLE; METAL HALIDE
DN	DOWN	MIN	MINIMUM
DO	DOOR OPERATOR	ML	MAGNETIC LOCK
DPST	DOUBLE POLE, SINGLE THROW	MLO	MAIN LUGS ONLY
DRY	DRYER	MTD	MOUNTED
DW	DISHWASHER	MTG	MOUNTING
DWG	DRAWING	MW	MICROWAVE
EA	EACH	NEC	NATIONAL ELECTRICAL CODE
EF	EXHAUST FAN	NEUT	NEUTRAL
EH	ELECTRIC HEATER	NC	NORMALLY CLOSED
EHD	ELECTRIC HAND DRYER	NIC	NOT IN CONTRACT
ELEC	ELECTRIC	NO	NUMBER; NORMALLY OPEN
ELEV	ELEVATOR	NTS	NOT TO SCALE
EMT	ELECTRICAL METALLIC TUBING	OD _	OVERHEAD (COILING) DOOR
EPO	EMERGENCY POWER OFF	OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED
EQUIP	EQUIPMENT	0F/0I	OWNER FURNISHED / OWNER INSTALLED
EWC	ELECTRIC WATER COOLER	PF	POWER FACTOR
EWH	ELECTRIC WATER HEATER	PH or Ø	PHASE
EWS	ELECTRIC WINDOW SHADE	PIV	POST INDICATOR VALVE
EXIST	EXISTING	PNL	PANEL
FA	FIRE ALARM	PROJ	PROJECTOR

E MOUNTING HEIGHTS
WN ON THE ELECTRICAL DRAWINGS OR ON THE ARCHITECTURAL IGHTS ARE NOT SHOWN OR REQUIRED, THEN LOCATE OUTLETS AS RE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE O DTED.
18 INCHES VERITCALLY MOUNTED
48 INCHES VERTICALLY MOUNTED
72 INCHES TO TOP OF PANELBOARD
18 INCHES VERTICALLY MOUNTED
54 INCHES VERTICALLY MOUNTED
18 INCHES VERTICALLY MOUNTED
48 INCHES
48 INCHES
PER ARCHITECTURAL INTERIOR ELEVATIONS
PER ARCHITECTURAL INTERIOR ELEVATIONS
18 INCHES VERTICALLY MOUNTED
48 INCHES
NOT LESS THAN 80" OR GREATER THAN 96" TO THE BOTTOM
72 INCHES
48 INCHES OR AS SHOWN ON ARCHITECTURAL ELEVATIONS
ARCHITECTURAL ELEVATIONS.

2. WHERE A CONFLICT EXISTS, THE ARCHITECTURAL ELEVATIONS GOVERN.



### ELECTRICAL ABBREVIATIONS

PTR PVC PWR QTY

RA FAN RECPT REF REOD

RNG RSD SDMPR

solv SPD SPEC

SPST

STL

SWBD

SWGR

W/0 WON WP

XFMR Z

PROJECTION SCREEN
PRINTER
POLYVINYL CHLORIDE (PLASTIC)
POWER
QUANTITY
RETURN AIR FAN
RECEPTACLE
REFRIGERATOR
REQUIRED
RANGE HOOD
RIGID METAL CONDUIT
RANGE
ROLLING STEEL DOOR
SMOKE DAMPER
SUPPLY FAN SOLENOID VALVE
SULENOID VALVE SURGE PROTECTIVE DEVICE
SURGE PROTECTIVE DEVICE SPECIFICATION
SINGLE POLE, SINGLE THROW
SHUNT TRIP
STANDARD
STEEL
SWITCH
SWITCHBOARD
SWITCHGEAR
TELEPHONE
TEMPORARY
TRAP PRIMER
TAMPER RESISTANT
TELEPHONE TERMINAL BOARD
TYPICAL
UNDER COUNTER
UNDERGROUND
UNIT HEATER
UNDERWRITERS LABORATORIES
UNINTERRUPTIBLE POWER SUPPLY
UNIVERSAL SERIAL BUS
VOLT VOLT AMPERE
VARIABLE FREQUENCY DRIVE
VENDING MACHINE
WATT
WITH
WASHINGTON ADMINISTRATIVE CODE
WASHER
STACKED WASHER / DRYER
WASH FOUNTAIN
WASHING MACHINE
WITHOUT
WON DOOR
WEATHERPROOF; WATERPROOFING
TRANSFORMER
IMPEDANCE



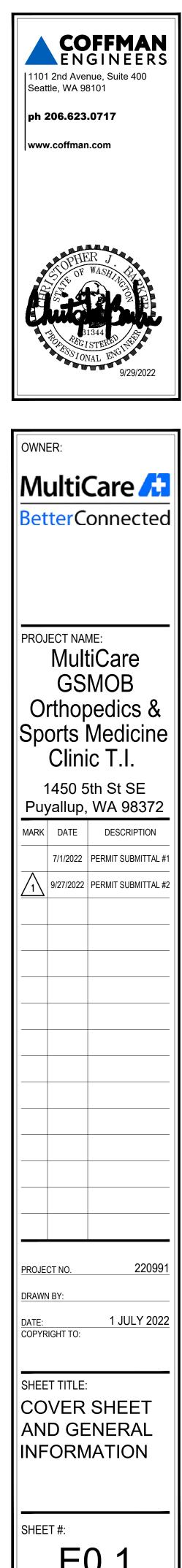




#### DRAWING INDEX SHEET NUMBER DESCRIPTION

E0.1	COVER SHEET AND GENERAL INFORMATION
E0.2	GENERAL NOTES
E0.3	PANEL SCHEDULES
E0.4	NREC
E0.5	NREC
E2.1	LIGHTING PLAN & SCHEDULES
E3.1	POWER PLAN
E4.1	SYSTEMS PLAN
E5.1	ONE-LINE DIAGRAM





#### GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS

- ITEMS NOTED AS "TYPICAL" ON ANY DRAWING REFERS TO ALL DRAWINGS.
- 2. PROVIDE NYLON PULL STRING IN ALL EMPTY RACEWAYS.
- NO STRUCTURAL MEMBERS SHALL BE CUT OR ALTERED WITHOUT PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
- ALL RACEWAYS WITHIN THE BUILDING SHALL BE RUN OVERHEAD U.O.N. RACEWAYS SHALL NOT BE RUN UNDER THE FLOOR SLAB UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS.
- 5. NO RACEWAYS SHALL BE RUN IN FLOOR SLABS.
- FIRST FLOOR HOMERUNS (TO THE FIRST DEVICE) MAY BE RUN UNDER THE SLAB IN 1" PVC.
- LOCATIONS OF ALL WALL MOUNTED DEVICES ARE SHOWN 7. SCHEMATICALLY. COORDINATE WITH THE ARCHITECTURAL DRAWINGS, ELEVATIONS AND CASEWORK SUPPLIERS SHOP DRAWINGS FOR EXACT LOCATION OF DEVICES PRIOR TO ROUGH-IN.
- 8. ALL RACEWAYS IN FINISHED SPACES SHALL BE CONCEALED.
- PROVIDE 2" EMT SLEEVES FOR LOW VOLTAGE WIRING RUNNING THROUGH NON-RATED WALLS, FLOORS AND CEILINGS.
- 10. PROVIDE STI "EZ-PATH" ASSEMBLIES AT EACH LOCATION WHERE LOW VOLTAGE WIRING PENETRATES A RATED WALL OR CEILING. ASSUME 50 ARE TO BE PROVIDED.
- 11. SEAL ALL PENETRATIONS IN RATED FLOORS AND CEILINGS WITH A UL APPROVED FIRE STOP SYSTEM.
- 12. PROVIDE A COMPLETE DESIGN-BUILD PATHWAY SYSTEM FOR ALL SPECIAL SYSTEMS WIRING, SEE SPECIFICATIONS. QUANTITY AND SIZE OF RACEWAYS SHOWN ON SPECIAL SYSTEMS PLANS ARE THE MINIMUM TO BE PROVIDED. CONTRACTOR SHALL PROVIDE ALL RACEWAYS AS REQUIRED.
- 13. ALL LOW VOLTAGE WIRING NOT RUN IN A METALLIC RACEWAY SHALL BE PLENUM RATED.
- 14. ALL EQUIPMENT, LUMINAIRES, RACEWAYS, DEVICES, ETC. SHALL BE UL LISTED.
- 15. MOUNT ALL DEVICES ABOVE COUNTERS 6" ABOVE BACKSPLASH UNLESS NOTED OTHERWISE.
- 16. WHERE A CONFLICT EXISTS THE MOST EXPENSIVE OPTION SHALL GOVERN.
- 17. PROVIDE ALL RACEWAYS AND WIRING REQUIRED TO INSTALL ELECTRONIC DOOR HARDWARE. REFER TO DOOR HARDWARE SPECIFICATIONS, SCHEDULES AND DIAGRAMS.

#### DOOR HARDWARE

PROVIDE ALL RACEWAYS AND WIRING REQUIRED TO INSTALL ELECTRONIC DOOR HARDWARE. REFER TO DOOR HARDWARE SPECIFICATIONS, SCHEDULES AND DIAGRAMS.

#### LIGHTING CONTROL PANELS (LCP)

- 1. DOWNSTREAM OF A PANELBOARD WITH AN AIC RATING OF 14,000 ASYM OR LESS: LOCATE LCP A MINIMUM OF 2'-0" FROM THE PANELBOARD.
- 2. DOWNSTREAM OF A PANELBOARD WITH AN AIC RATING GREATER THAN 14,000 ASYM: LOCATE A LCP A MINIMUM OF 10'-0" FROM THE PANELBOARD.

#### DESIGN BUILD FIRE ALARM SYSTEM

- 1. THE CONTRACTOR SHALL PROVIDE A COMPLETE DESIGN BUILD FIRE ALARM SYSTEM (DEVICES, RACEWAYS AND WIRING) PER THE FIRE MARSHAL'S REQUIREMENTS.
- 2. PROVIDE THE FOLLOWING IN ADDITION TO THE REQUIREMENTS OF THE FIRE MARSHAL: 2.A. COMPLETE AREA SMOKE DETECTOR COVERAGE. FIRE SPRINKLERS
- CANNOT BE USED IN LIEU OF SMOKE DETECTORS. 2.B. PULL STATIONS AT ALL EXITS.
- 3. THE CONTRACTOR'S SCOPE SHALL INCLUDE ALL NEW/REMODELED AREAS AND ANY REQUIRED UPGRADES TO THE EXISTING SITE/BUILDINGS.
- 4. THE DEVICES AND RACEWAYS SHOWN ON THE DRAWINGS ARE FOR GENERAL INFORMATION ONLY TO ASSIST THE CONTRACTOR IN PREPARING HIS BID. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE A COMPLETE DESIGN BUILD SYSTEM.
- 5. THE CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING AND PAINTING REQUIRED TO ALLOW FOR INSTALLATION OF THE SYSTEM. 6. FIRE ALARM SYSTEM WIRING SHALL BE RUN IN CONTINUOUS METALLIC
- RACEWAYS.

### LIGHTING PLANS

- THE FOLLOWING GENERAL NOTES APPLY TO ALL LIGHTING PLAN DRAWINGS 1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT
- LOCATION OF LUMINAIRES. 2. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF EXTERIOR LUMINAIRES.
- COORDINATE THE FINAL LOCATION OF LUMINAIRES IN MECHANICAL ROOMS AND ATTIC SPACES TO AVOID CONFLICTS WITH DUCT WORK, PIPING, AND MECHANICAL EQUIPMENT.
- 4. ROUTE ALL EXTERIOR LIGHTING CIRCUITS VIA LIGHTING CONTROL PANEL.
- 5. INSTALL AND WIRE REMOTE BALLASTS AND DRIVERS. REFER TO LUMINAIRE SCHEDULE. MOUNT IN ACCESSIBLE LOCATIONS. SHOW LOCATIONS ON THE AS-BUILT DRAWINGS.

#### POWER PLANS

- CIRCUIT ALL FIRE/SMOKE DAMPERS AND SMOKE DAMPERS FROM NEAREST 120V EMERGENCY PANEL WITH ½"−3#12. UTILIZE SPARE 20A-1P BREAKER PROVIDED. RECORD CIRCUITING ON AS-BUILT PANEL SCHEDULES AND DRAWINGS. REFER TO MECHANICAL DRAWINGS FOR DAMPER LOCATIONS.
- 2. COORDINATE LOCATIONS OF BAS CONTROL POWER WITH THE CONTROLS CONTRACTOR PRIOR TO ROUGH-IN.
- EQUIPMENT.
- PROVIDE DISCONNECT SWITCH OR COMBINATION STARTER FOR EACH PIECE OF EQUIPMENT AS SHOWN ON MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
- 6. PRIOR TO ROUGH-IN OF ALL EQUIPMENT SPECIFIED BY OTHER DIVISIONS, COORDINATE WITH THE EQUIPMENT MANUFACTURER TO ESTABLISH ALL REQUIREMENTS FOR EACH PIECE OF EQUIPMENT.
- 7. ALL EXTERIOR RECEPTACLES SHALL BE WP/GFCI.

- REQUIRED.
- 14. COORDINATE WITH THE ELEVATOR SHOP DRAWINGS AND THE ELEVATOR INSPECTOR PRIOR TO ROUGH-IN OF THE ELEVATOR MACHINE ROOM.
- BREAKERS.

- PRIOR TO ROUGH-IN.

#### WASHINGTON STATE NONRESIDENTIAL ENERGY CODE COMPLIANCE

- MANUAL.
- 2. COMMISSIONING REQUIREMENTS: ALL LIGHTING CONTROLS INCLUDING DAYLIGHT OR OCCUPANT SENSING AUTOMATIC CONTROLS, AUTOMATIC SHUT OFF CONTROLS, OCCUPANCY SENSORS OR AUTOMATIC TIME SWITCHES, THE LIGHTING CONTROLS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. SEQUENCE OF OPERATIONS SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE A WRITTEN STATEMENT CERTIFYING ALL LIGHTING CONTROLS HAVE BEEN COMMISSIONED. INCLUDE CERTIFICATION IN O&M MANUAL.
- TRANSFORMERS: THE MINIMUM EFFICIENCY OF ALL LOW VOLTAGE DRY-TYPE 3. DISTRIBUTION TRANSFORMERS SHALL BE THE CLASS 1 EFFICIENCY LEVELS FOR DISTRIBUTION TRANSFORMERS SPECIFIED IN TABLE 4-2 OF THE "GUIDE FOR DETERMINING ENERGY EFFICIENCY FOR DISTRIBUTION TRANSFORMERS" PUBLISHED BY THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA TP-1, LATEST EDITION).

- THE FOLLOWING GENERAL NOTES APPLY TO ALL POWER PLAN DRAWINGS
- PRIOR TO ORDERING EQUIPMENT OR ROUGH-IN, COORDINATE WITH THE MECHANICAL CONTRACTOR TO ESTABLISH THE ACTUAL LOAD AND OVERCURRENT PROTECTION REQUIREMENTS FOR EACH PIECE OF
- 4. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR EQUIPMENT RATINGS AND FEEDER SIZES.
- 8. ALL VENDING MACHINE RECEPTACLES SHALL BE GFCI.
- 9. ALL EXTERIOR DISCONNECTS/STARTERS SHALL BE NEMA 3R.
- 10. ALL HOMERUNS OVER 75' SHALL BE #10 AWG MINIMUM.
- 11. POWER AND SPECIAL SYSTEMS TO SHARE A COMMON FLOOR BOX.
- 12. FEEDER ROUTING SHOWN IS APPROXIMATE. COORDINATE WITH MECHANICAL SYSTEMS AND BUILDING STRUCTURE. PROVIDE OFFSETS AS
- 13. ALL RECEPTACLES WITHIN 6 FEET OF A SINK SHALL BE GFCI TYPE
- 15. ALL HEAT TRACE CIRCUITS SHALL BE FED WITH GFPE CIRCUIT
- 16. PROVIDE 120-16 HARDWIRED CONNECTION TO EACH TRAP PRIMER FROM NEAREST ADJACENT RECEPTACLE UTILIZING  $\frac{1}{2}$ " – 3#12. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS. RECORD CIRCUITING ON AS-BUILT PANEL SCHEDULES AND DRAWINGS.

#### EQUIPMENT CONNECTIONS

- 1. VERIFY ELECTRICAL REQUIREMENTS WITH MANUFACTURER SHOP DRAWINGS
- 2. INSTALL AND WIRE EQUIPMENT PER MANUFACTURER SHOP DRAWINGS.
- 3. PROVIDE ALL RACEWAYS, WIRING AND ANCILLARY EQUIPMENT AS SHOWN ON MANUFACTURER SHOP DRAWINGS.
- 4. PROVIDE HARDWIRED CONNECTION, RECEPTACLE OR FUSED DISCONNECT SWITCH AS SHOWN ON MANUFACTURER SHOP DRAWINGS.
- 1. LIGHTING: THE CONTRACTOR SHALL PROVIDE A WRITTEN CERTIFICATION VERIFYING THAT ALL LAMPS AND BALLASTS HAVE BEEN PROVIDED PER THE SPECIFICATIONS. PROVIDE A LIST WHICH INDICATES THE EXACT PART NUMBER OF THE LAMP AND BALLAST PROVIDED FOR EACH FIXTURE TYPE. INCLUDE THE CERTIFICATION AND THE LAMP/BALLAST LIST IN THE O&M

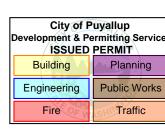
### SYSTEMS PLANS

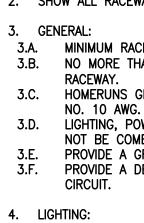
THE FOLLOWING GENERAL NOTES APPLY TO ALL SPECIAL SYSTEMS PLAN DRAWINGS

- 1. MINIMUM RACEWAY SIZE SHALL BE 1" FOR TELECOMMUNICATIONS CABLING AND ³4" FOR ALL OTHER SYSTEMS.
- 2. ALL SPECIAL SYSTEMS WIRING EXCEPT FIRE ALARM SHALL BE RUN UTILIZING OPEN WIRING METHOD ABOVE ACCESSIBLE CEILINGS. PROVIDE METALLIC RACEWAYS FOR WIRING INSTALLED IN WALLS. ABOVE INACCESSIBLE CEILING. WHERE EXPOSED OR WHERE SUBJECT TO PHYSICAL DAMAGE. RACEWAY FILL SHALL NOT EXCEED 40%.
- 3. FIRE ALARM SYSTEM WIRING SHALL BE RUN IN CONTINUOUS METALLIC RACEWAYS.
- 4. PROVIDE ADDRESSABLE DUCT DETECTOR AT EACH FIRE/SMOKE DAMPER (FSD) AND SMOKE DAMPER (SD) LOCATION. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS.
- 5. PROVIDE FA CONNECTION TO FIRE SPRINKLER TAMPER, FLOW, AND PRESSURE SWITCHES. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS.
- 6. PROVIDE ¾" A-C FIRE RETARDANT PLYWOOD ON ALL FOUR WALLS OF THE MDF AND EACH IDF. MOUNT 8' DIMENSION VERTICAL. PAINT FLAT WHITE.
- 7. PROVIDE 1" C. FROM EACH FLOOR BOX TO ACCESSIBLE CEILING LOCATION. THIS IS IN ADDITION TO THE RACEWAYS SHOWN ON THE DRAWINGS.
- 8. ALL EXTERIOR FIRE ALARM AND INTERCOM DEVICES SHALL BE WEATHERPROOF.
- 9. PROVIDE EXTERIOR FIRE ALARM BELL AND STROBE AT LOCATION DIRECTED BY FIRE MARSHAL.
- 10. PROVIDE CONNECTION TO FIRE SPRINKLER DOUBLE CHECK VALVE ASSEMBLIES AND PIV'S. REFER TO CIVIL/MECHANICAL DRAWINGS FOR LOCATIONS.
- 11. STAPLES SHALL NOT BE USED TO SECURE LOW VOLTAGE CABLING.
- 12. ALL CABLING NOT RUN IN A METALLIC RACEWAY SHALL BE PLENUM RATED.
- 13. EXTERIOR INTERCOM SPEAKERS SHALL BE WEATHERPROOF AND VANDAL RESISTANT.

### **ONE-LINE DIAGRAM**

- 1. ALL FEEDERS ARE COPPER WITH THHN/THWN INSULATION.
- PROVIDE PULL BOXES AS REQUIRED BY THE NEC.
- 3. SHORT CIRCUIT CURRENTS LESS THAN 10,000 ASYM FOR 208V PANELS AND 14,000 ASYM FOR 480V PANELS ARE NOT SHOWN.
- 4. THE ONE-LINE DIAGRAM IS DIAGRAMMATIC AND DOES NOT SHOW THE ACTUAL ROUTING OF THE RACEWAYS.
- 5. FOR TWO SECTION PANELS PROVIDE FULL SIZE FEEDER CONNECTIONS FROM SECTION 1 TO SECTION 2.
- 6. THE ELECTRICAL DISTRIBUTION SYSTEM SHALL BE FULLY RATED. A SERIES RATED SYSTEM IS NOT ACCEPTABLE.
- 7. ALL TRANSFORMERS ARE 480V 3 PHASE 3 WIRE PRIMARY: 208Y/120V 3 PHASE, 4 WIRE SECONDARY, NEMA TP-1 RATED, U.O.N.
- 8. ALL TRANSFORMERS SHALL BE K-4 RATED, U.O.N.
- 9. NOT ALL CIRCUIT BREAKERS ARE SHOWN. REFER TO PANEL AND SWITCHBOARD SCHEDULES FOR OTHER LOADS SERVED, AND SPARE CIRCUIT BREAKERS.
- 10. CONTRACTOR TO PROVIDE COORDINATION STUDY PER SPECIFICATION SECTION 260673. ALL DISTRIBUTION SYSTEM EQUIPMENT SHALL BE RATED FOR THE AVAILABLE FAULT CURRENT AND SHALL BE LABELED WITH THE ARC FLASH HAZARD CATEGORY. ALL NEC 700 AND 701 PORTIONS OF THE DISTRIBUTION SYSTEM SHALL BE SELECTIVELY COORDINATED.
- 11. SET ALL OVERCURRENT DEVICES PER THE COORDINATION STUDY.
- 12. TEST ALL GROUND FAULT RELAYS AS REQUIRED BY THE WAC.
- 13. TRANSFORMER SECONDARY CONDUCTORS SHALL BE NO MORE THAN 10-FEET LONG PER NEC ARTICLE 240.21 (C) 2.
- 14. ALL CIRCUIT BREAKERS SERVING HID LIGHTING SHALL BE HID RATED.
- 15. CIRCUIT BREAKERS
- 15.A. CIRCUIT BREAKERS RATED 800 AMPS OR MORE: PROVIDE ELECTRONIC TRIP UNIT WITH ADJUSTABLE LONG TIME, SHORT TIME AND INSTANTANEOUS (LSI) TRIP FUNCTIONS. PROVIDE GROUND FAULT PROTECTION (G) WHERE CALLED OUT ON THE ONE-LINE DRAWING. TRIP UNITS SHALL BE FIELD REPLACEABLE.
- 15.B. CIRCUIT BREAKERS RATED 1200 AMPS OR MORE: PROVIDE TRIP UNIT WITH A MAINTENANCE MODE SWITCH WITH LED INDICATOR LIGHT WHICH OVERRIDES THE TRIP SETTINGS IN ORDER TO MINIMIZE THE ARC FLASH HAZARD DURING MAINTENANCE. TRIP UNITS SHALL BE FIELD REPLACEABLE.
- 16. PROVIDE GROUNDING AND BONDING OF ELECTRICAL POWER DISTRIBUTION EQUIPMENT PER NEC ARTICLE 250.





WIRING

4.B. CIRCUIT.

5.

. POV	VER:	
5.A.	PRO	<b>VIDE</b>
5.B.	FOR	OT
	CIRC	UIT
5.C.	FOR	30
5.D.	FOR	40
	WIRI	١G
5.E.	PRO	<b>VIDE</b>
	CIRC	UIT

#### BRANCH CIRCUIT WIRING

THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS 1. IN GENERAL ONLY CIRCUIT NUMBERS HAVE BEEN SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED RACEWAYS AND

2. SHOW ALL RACEWAYS AND WIRING ON AS-BUILT DRAWINGS.

3.A. MINIMUM RACEWAY SIZE SHALL BE  $\frac{3}{4}$ ". 3.B. NO MORE THAN 7 #12 AWG CONDUCTORS SHALL BE INSTALLED IN A 3.C. HOMERUNS GREATER THAN 75 FEET TO THE FIRST DEVICE SHALL BE

LIGHTING, POWER, AND MECHANICAL EQUIPMENT CONDUCTORS SHALL NOT BE COMBINED IN THE SAME RACEWAY. PROVIDE A GROUND CONDUCTOR IN ALL RACEWAYS.

PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH

4.A. PROVIDE CONDUCTORS AS REQUIRED TO PROVIDE CIRCUITING AND SWITCHING DUTY AS SHOWN ON THE DRAWINGS. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH

> CONDUCTORS AS REQUIRED TO PROVIDE CIRCUITING SHOWN. HER THAN 15 OR 20 AMP SINGLE PHASE RECEPTACLE BRANCH 'S PROVIDE A DEDICATED HOMERUN TO THE PANEL. AMP BRANCH CIRCUITS PROVIDE #10 AWG CONDUCTORS. AMP AND LARGER BRANCH CIRCUITS PROVIDE RACEWAYS AND AS SHOWN ON THE DRAWINGS. E A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH

MECHANICAL EQUIPMENT: PROVIDE RACEWAYS AND WIRING AS SHOWN ON THE MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

Seatt	COFFFMAN 1101 2nd Avenue, Suite 400 Seattle, WA 98101 ph 206.623.0717 www.coffman.com											
	PIER J OF WASHING BI344 PIER J OF WASHING PIER J OF WASHING											
OWNE	ER:											
		Care 🔝 onnected										
Oi Spo	PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE											
		DESCRIPTION										
		PERMIT SUBMITTAL #1 PERMIT SUBMITTAL #2										
PROJEC		220991										
DRAWN												
<u>DATE:</u> COPYR	ight to:	1 JULY 2022										
GE	T TITLE: NER/ TES											
SHEE	T #:	0.2										

	DB Puyallup 3rd, 4th Flr	PANEL SCHEDULE EXIST. PANEL: 4LC												220		
ocation	:ELEC. RM 4003	Feed Through: Source: 4CL														
Ckt	Load Description	Phase	Amp	Poles	Notes	Rec.	Ltg.	Kit.	Mtr.	Htg.	Clg.	Cont.	Non.	Total	Specifications	
1	RECEPT	A	20	1		0.72								0.72		
3	RECEPT	В	20	1		1.08								1.08	Rating (Amps):	225
5	PROCESSOR	С	20	1									1.20	1.20	Voltage (L-L):	208
7	RECEPT	A	20	1		0.90								0.90	Phase:	3
9	RECEPT	В	20	1		0.90								0.90	Wire:	4
11	RECEPT	С	20	1		0.18								0.18	Bus Material:	Cu
13	RECEPT	A	20	1		0.90								0.90	Int. Rating:	10,000A
15	MICROWAVE	В	20	1									1.00	1.00		,
17	RECEPT, LTG	C	20	1		0.54	0.36							0.90	Main Lugs Only:	Х
19	REF	A	20	1		0.01	0.00						0.60	0.60	Main Ckt Brkr:	_
21	RECEPT, LTG	B	20	1		1.08	0.22						0.00	1.30		
23	COPIER	C	20	1		1.00	0.22						0.84	0.84		Х
25	RECEPT	A	20	1		0.90							0.04	0.90	Flush Mtd:	~
27	UPS	B		1		0.90							0.49	0.90	- Flush Mild.	_
			20										0.48			
29	XRAY 4304	C	15	2									1.20	1.20	Bonded Gnd:	—
31		<u>A</u>	-	-									1.20	1.20	Isolated Gnd:	_
33	XRAY UPS 4304	B	15	1									1.20	1.20	200% Neutral:	-
35	XRAY DETECTOR 4304	C	15	1									1.20	1.20	Feed Thru:	-
37	BC-4-1	A	15	2									0.35	0.35	Double Lug:	_
39	-	В	-	-									0.35	0.35	Top Feed:	-
41	SPACE ONLY	С	-	-											Bottom Feed	-
2	MRI COMPRESSOR	A	30	3									1.86	1.86		
4	-	B	_	_									1.87	1.87	-	
6	_	C	_	_									1.87	1.87	-	
8	MRI SYSTEM ELECTRONICS	A	30	3									2.33	2.33	Feed Thru Load:	
10		B	-	-									2.33	2.33	Phase A:	
12		C	_	_									2.33	2.33	Phase B:	
14	LTG	A	20	1			0.65						2.55	0.65	Phase C:	
16	LTG	B	20	1			0.85							0.85	Total Conn.:	
18	LTG	C	20	1			0.30							0.30	Load From This Panel:	
20	SPACE ONLY	A	-	-											Phase A:	
22	SPACE ONLY	В	-	-											Phase B:	
24	SPACE ONLY	С	-	-											Phase C:	
26	SPACE ONLY	A	-	-											Total Conn.:	
28	SPACE ONLY	B	-	-											Total Connected Load:	
30	SPACE ONLY	С	-	-											Phase A:	
32	XRAY 4304	A	15	2									1.20	1.20	Phase B:	1
34	_	В	-	-									1.20	1.20	Phase C:	1
36	XRAY UPS 4304	С	15	1									1.20	1.20	Total Conn.:	-
38	XRAY DETECTOR 4304	A	15	1									1.20	1.20	Total Feeder Demand	
40	SPACE ONLY	B	-	-											Total:	37.19
42	SPACE ONLY	C	_	-											Avg. Amps/Phase:	103
•	CATEGORY	TOTAL		1	I	DEMAND	) FACTO	R	DEMAND	)	Genera	Notes:		l		
		LOAD (							LOAD (							
	Receptacles	7.20				50%>10	OKVA		7.20	/						
	Lighting	2.38				125%			2.98							
	Kitchen Equipment					NEC 22	0.56				Keyed	Notes:				
	Motors (Largest)					125%										
	Motors					100%										
	Heating					NEC 22	0.60									
	Cooling					NEC 22										
	Continuous Load					125%										
	Non-Continuous Load	27.01				100%			27.01							
						100%										
						100%										
	TOTAL	36.59							37.19		1					

	DB Puyallup 3rd, 4th Flr	PANEL SCHEDULE     EXIST       Feed Through:     Source: A							T. PANEL: 4CL						
	: ELEC. RM 4003						1				1				
Ckt	Load Description			Poles Notes		Ltg.	Kit.	Mtr.	Htg.	Clg.	Cont.		Total	Specifications	
1	4LA	A	100	3	11.52	0.36						0.84	12.72		
3	-	B	-	-	11.16	0.26							11.42	Rating (Amps):	400
5	-	С	-	-	8.28	0.23						1.87	10.38	_ Voltage (L−L):	208
7	4LB	A	100	3	10.62	0.21						0.84	11.67	Phase:	3
9	-	B	-	-	12.84	0.11							12.95	Wire:	4
11	-	С	-	-	11.52	0.30							11.82	Bus Material:	Cu
13	4LC	A	150	3	3.42	0.65						8.74	12.81	Int. Rating:	10,000A
15	_	B	-	_	3.06	1.07						8.43	12.56		
17	-	С	-	_	0.72	0.66						9.84	11.22	Main Lugs Only:	Х
19	DSS-2-1	A	30	3				2.20					2.20	Main Ckt Brkr:	_
21	_	В	-	_				2.20					2.20		
23	SPACE ONLY	C	-	_										Surface Mtd:	Х
25	SPACE ONLY	A	_	_										Flush Mtd:	_
27	SPACE ONLY	B	_	_											
29	SPACE ONLY	C	_											Bonded Gnd:	_
	SPACE ONLY		_	_										Isolated Gnd:	
31 33	SPACE ONLY	AB	_	_										200% Neutral:	_
														Feed Thru:	—
35	SPACE ONLY	C	-	-											_
37	SPACE ONLY	A	-	_										Double Lug:	—
39	SPACE ONLY	B	-	-										Top Feed:	_
41	SPACE ONLY	С	-	-										Bottom Feed	-
2	LTG	A	20	1		1.10							1.10		
4	RECEPT	В	20	1	0.72								0.72		
6	RECEPT	С	20	1	1.44								1.44		
8	RECEPT	A	20	1	1.44								1.44	Feed Thru Load:	N
10	SPARE C.B.	B	20	1										Phase A:	
12	EF-1	C	20	1					0.66				0.66	Phase B:	
14	RECEPT - IT ROOM	A	20	1	1.08				0.00				1.08	Phase C:	
16	SPACE ONLY	B	_	_	1.00								1.00	Total Conn.:	
18	SPACE ONLY	C	_	_										Load From This Panel:	
20	SPACE ONLY			_										Phase A:	43
		A	-												
22	SPACE ONLY	B	-	-										Phase B:	39
24	SPACE ONLY	C	-	_										Phase C:	35
26	SPACE ONLY	A	-	-										Total Conn.:	118
28	SPACE ONLY	B	-	-										Total Connected Load:	
30	SPACE ONLY	С	-	-										Phase A:	43
32	SPACE ONLY	A	-	-										Phase B:	39
34	SPACE ONLY	B	-	-										Phase C:	35
36	SPACE ONLY	С	-	-										Total Conn.:	118
38	SPACE ONLY	A	-	-										Total Feeder Demand	Load:
40	SPACE ONLY	B	-	_										Total:	86.83 K\
42	SPACE ONLY	С	-	_										Avg. Amps/Phase:	241 A.
	CATEGORY	TOTAL	CONN.		DEMAN	) FACT	DR	DEMAND		Genera	Notes:				
		LOAD (	KVA)					LOAD (K	VA)						
	Receptacles	77.82			50%>1	OKVA		43.91	,						
	Lighting	4.95			125%			6.19							
	Kitchen Equipment				NEC 22	20.56				Keyed	Notes:				
	Motors (Largest)	4.40			125%			5.50							
	Motors				100%										
	Heating	0.66			NEC 22	20.60		0.66							
	Cooling				NEC 22										
	Continuous Load				125%										
	Non-Continuous Load	30.56			100%			30.56							
					100%										
					100%										
	TOTAL	118.40						86.83		1					

	B Puyallup 3rd, 4th Flr	PAN										ANEL	. 4LU			220991 -220
	ELEC. RM 4003			hrough:						Source:					1	
Ckt	Load Description	Phase	Amp	Poles	Notes	Rec.	Ltg.	Kit.	Mtr.	Htg.	Clg.	Cont.	Non.	Total	Specifications	
1	RECEPT	A	20	1		0.72								0.72		
3	RECEPT	В	20	1		1.08								1.08	Rating (Amps):	225
5	PROCESSOR	С	20	1									1.20	1.20	Voltage (L-L):	208
	RECEPT	A	20	1		0.90								0.90	Phase:	3
9	RECEPT	B	20	1		0.90								0.90	Wire:	4
	RECEPT - EXAM 4311,4315	C	20	1		1.08								1.08	Bus Material:	Ċu
	RECEPT - TABLE EXAM 4315			1		1.00							0.50	0.50	Int. Rating:	10,000A
		A	20										0.50			10,000A
	RECEPT - MA STATION 4314	B	20	1									0.90	0.90		
	PRINTER - MA STATION 4314	С	20	1									0.40	0.40	Main Lugs Only:	Х
	RECEPT - EXAM 4308	A	20	1		0.54								0.54	Main Ckt Brkr:	_
	RECEPT, LTG	B	20	1		1.08	0.22							1.30		
23	COPIER	С	20	1									0.84	0.84	Surface Mtd:	Х
25	RECEPT	Α	20	1		0.90								0.90	Flush Mtd:	_
27	SPARE C.B.	В	20	1												
	XRAY 4304	C	15	2									1.20	1.20	Bonded Gnd:	_
31		A	-	-									1.20	1.20	Isolated Gnd:	_
	- XRAY UPS 4304														200% Neutral:	_
		B	15	1									1.20	1.20		—
	XRAY DETECTOR 4304	C	15	1									1.20	1.20	Feed Thru:	_
37	SPARE C.B.	A	15	2											Double Lug:	-
39	-	B	-	-											Top Feed:	_
41	SPACE ONLY	С	-	-											Bottom Feed	_
2	SPARE C.B.	A	30	3												
4		B	-	_												
	-	C		_												
6			-													
8	SPARE C.B.	A	30	3											Feed Thru Load:	١
10	-	В	-	-											Phase A:	
12	-	С	-	-											Phase B:	
14	LTG	A	20	1			0.65							0.65	Phase C:	
16	LTG	В	20	1			0.85							0.85	Total Conn.:	
	LTG	С	20	1			0.35							0.35	Load From This Panel:	
	RECEPT - TABLE EXAM 4311	A	20	1	1								0.50	0.50	Phase A:	
22	RECEPT - TABLE EXAM 4308	B	20	1	1								0.50	0.50	Phase B:	
		C			1								0.50	0.50		
	RECEPT - ADA DRESSING 4302		20	1	1										Phase C:	
	SPACE ONLY	A	-	-											Total Conn.:	2
	SPACE ONLY	В	-	-											Total Connected Load:	
30	SPACE ONLY	С	-	-											Phase A:	
32	XRAY 4304	Α	15	2									1.20	1.20	Phase B:	
34	_	В	-	-									1.20	1.20	Phase C:	
	XRAY UPS 4304	C	15	1									1.20	1.20	Total Conn.:	2
	XRAY DETECTOR 4304	A	15	1						-			1.20		Total Feeder Demand	
	SPACE ONLY	B	-	_						-		-	1.20	1.20	Total:	24.23 ł
42	SPACE ONLY CATEGORY	TOTAL		-			D FACT					 .1 . KL . F			Avg. Amps/Phase:	67 A.
	UAILGUKI					UEMAN	U FACIO	ЛК	DEMAN[		Genero	I Notes:				
	Receptacles	LOAD (				EOM > 4			LOAD (							
	Lighting	7.20				50%>1	UKVA		7.20							
	Kitchen Equipment	2.07				125%	00 5 6		2.59							
						NEC 2	20.56				Keyed			o		
	Motors (Largest)					125%					1. PRC	IVIDE N	-W CIR	CUIT BRE	AKER	
	Motors					100%										
	Heating					NEC 2										
	Cooling					NEC 2	20.60									
	Continuous Load					125%										
	Non-Continuous Load	14.44				100%			14.44							
						100%										
						100%										
						10070										

GSMC	)B Puyallup 3rd, 4th Flr	PAN	PANEL SCHEDULE REVISED PANEL: 4CL								220991 -220992					
Location:	ELEC. RM 4003		Feed T	hrough:					S	Source:	4CH					
Ckt	Load Description	Phase	Amp	Poles	Notes	Rec.	Ltg.	Kit.	Mtr.	Htg.	Clg.	Cont.	Non.	Total	Specifications	
1	4LA	A	100	3	110100	11.52	0.36	Trite.	ivier.			00110.	0.84	12.72		
3	-	B	-	-		11.16	0.26						0.04	11.42		400
5		C		_		8.28	0.20						1.87	10.38	Rating (Amps):	208
7	4LB		100	3		10.62	0.23						0.84		Voltage (L-L): Phase:	3
,	4LD	A				12.84	0.21						0.04	11.67	Wire:	
9		B	-	-										12.95		4
11	-	C	-	-		11.52	0.30						4.00	11.82	Bus Material:	Cu
13	4LC	A	150	3		3.06	0.65						4.60	8.31	Int. Rating:	10,000A
15	-	B	-	-		3.06	1.07						3.80	7.93		
17	-	C	-	-		1.08	0.35						6.04	7.47	Main Lugs Only:	Х
19	DSS-2-1	A	30	3					2.20					2.20	Main Ckt Brkr:	_
21	-	В	-	-					2.20					2.20		
23	SPACE ONLY	С	-	-											Surface Mtd:	Х
25	SPACE ONLY	A	-	-											Flush Mtd:	-
27	SPACE ONLY	B	-	-												
29	SPACE ONLY	С	-	-											Bonded Gnd:	_
31	SPACE ONLY	A	-	-											Isolated Gnd:	_
33	SPACE ONLY	B	-	-											200% Neutral:	_
35	SPACE ONLY	С	-	-											Feed Thru:	_
37	SPACE ONLY	A	_	-											Double Lug:	_
39	SPACE ONLY	B	_	-											Top Feed:	_
41	SPACE ONLY	C	_	_											Bottom Feed	_
			00				1.10							1.10		
2	LTG	A	20	1		0.70	1.10							1.10	_	
4	RECEPT	B	20	1		0.72								0.72		
6	RECEPT	C	20	1		1.44								1.44		
8	RECEPT	A	20	1		1.44								1.44	Feed Thru Load:	NONE
10	SPARE C.B.	В	20	1											Phase A:	
12	EF-1	C	20	1						0.66				0.66	Phase B:	
14	RECEPT - IT ROOM	A	20	1		1.08								1.08	Phase C:	
16	SPACE ONLY	В	-	-											Total Conn.:	
18	SPACE ONLY	С	-	-											Load From This Panel:	
20	SPACE ONLY	A	-	-											Phase A:	38.52
22	SPACE ONLY	В	_	-											Phase B:	35.22
24	SPACE ONLY	С	_	-											Phase C:	31.7
26	SPACE ONLY	A	_	-											Total Conn.:	105.5
28	SPACE ONLY	B	_	_											Total Connected Load:	
30	SPACE ONLY	C	_	_											Phase A:	38.52
32	SPACE ONLY	A	_	_											Phase B:	35.2
34	SPACE ONLY	B	_	_											Phase C:	31.7
36	SPACE ONLY	C	_	_											Total Conn.:	105.5
38	SPACE ONLY	A	_	_											Total Feeder Demand	
40	SPACE ONLY		_												Total:	
		B		-												73.86 KVA
42	SPACE ONLY	C TOTAL		-		DEMAND			DEMAND						Avg. Amps/Phase:	205 A.
	CATEGORY					DEMANL	FACI	JR			Genera	I Notes:				
	Receptacles	LOAD ( 77.82				50%>10			LOAD (1 43.91	(VA)						
	Lighting	4.64				125%	JNVA		43.91 5.80							
	Kitchen Equipment	4.04				NEC 22	20.56		5.00		Keyed	Notes				
	Motors (Largest)	4.40				125%	.0.00		5.50		<u>Neyeu</u>	Notes.				
	Motors	+.+0				100%			5.50							
	Heating	0.66				NEC 22	0.60		0.66							
	Cooling	0.00				NEC 22			0.00							
	Continuous Load					125%										
	Non-Continuous Load	17.99				100%			17.99							
	Here Continuous Loud	17.33				100%			.7.55							
						100%										
	TOTAL	105.51							73.86		1					

Seat	COFFFMANS   1101 2nd Avenue, Suite 400   Seattle, WA 98101   ph 206.623.0717 www.coffman.com Www.coffman.com										
M	owner: <b>MultiCare</b> BetterConnected										
O Spo	GS rthop orts Clini 1450 5 /allup, DATE 7/1/2022	ME: MOB Dedica Medic C T.I. 5th St S WA 98 DESCRI PERMIT SUE PERMIT SUE	S & Cine E 3372 PTION BMITTAL #1								
PROJE	PROJECT NO. 220991										
DATE:	DRAWN BY:										
PA	SHEET TITLE: PANEL SCHEDULES										
SHEE	SHEET #: E0.3										



LIGHTING COMPI	JANCE	SUMM	ARY										
2018 WSEC Compliance Forms for			0/10+0-55-100+3	R2, R3 & R4 over	3 stories and all R1					Adn	ninistered by:	©2022 NE	EA, All rights reserved
		Project Titl		F	B PUALLUP 4TH F	1008 - 2018 WSEC	+))	For Building D	ensriment				21 123 232451
		Project Add	der	CISING	1450 5TH S PUYALLUP, W	R SE	<	T or Building D	epartment	030.		Date:	Jun 02, 2022
Project & Applicant Information		Applicant N	Vame		Coffman Eng	The second s		-					
		Applicant I		-	206-623-0			-					
		Applicant I			SeattleNREC@co	0.24		-					
	For			t, contact WSEC Co	ommercial Technical S		300 or via	email at com.tecl	isupport@	waenergycodes.coi	n		
General Occupancy		All	Commercial	General	Building Use Type		Hea	althcare, Hospital	Buildi	ng Cond. Floor Ar	ea		608
			New Building or			1771 CA-512134			Projec	t Cond. Floor Area	a		608
General Project Types		Alteration Addition			Alteration Lighting Scope	, In	nterior Lighting	Floors Above Grade				4	
			Lighting Sc	cope		Cirgining Scope			Compl	iance Method	C	ompliance	Method 1 - General
Lighting Project Description						REPL	ACED LEI	D FIXTURES					
Lighting Compliance Scope	Project Typ	e (Interi	Interior / or includes both	Exterior h interior & parking)	Luminaire Re	placement Scope	Compl	liance Method		LPA Calculati Adjustment		Com	pliance Verification
and Method	Alteration		Interior I	Lighting	50% or m	tore replaced	Bu	ilding area	No C	alculation Adjustme	17 to 100 to 100		COMPLIES
Additional Efficiency Options Included													
Lighting Power Calculation	OB PUALL		TION - IN	TERIOR LIGI	ITING (50% or 1					Comp	Date liance Veri		02, 2022 COMPLIES
Compliance Method			Buil	ding area		LPA Calculatio	n Adjustn	ient					none
				h	nterior Lighting Pow	and the second	and the second se				-		
Building Areas	Gross I	nterior Area	(SF)	LPA (V	Watts/SF)	Total Watts A (SF x LPA				posed Watts ding Area			ice Status by ing Area
Hospital		608		0.84 511					1	310		COM	<b>IPLIES</b>
					Proposed Lig	hting Power Densit	y				_		
Fixture Type/Application	Fixture ID	Buildi	ng Area	New or Existing-to-Ren		ity of Fixtures, CLD Luminaires (#F)	)s or	Watts po Fixture, CL Luminaire (	D or	Total Linear Feet (LF)	Watts per Foot (V		Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures	j												
Other fixture type	RAI		spital	New		7		38					266
Other fixture type	RB1	Ho	spital	New		1		44					44
Project Title GSMC	B PUALL	UP 4TH F	LOOR - 20	018 WSEC							Date	Jun (	)2, 2022
Proposed Fixtures Details		ALTERA	TION - IN	TERIOR LIGH	ITING (50% or 1	nore replaced)							
Fixture Type/Application	Fixture ID Location in Document			n in Documents		pe	Buik	ling Area			v or o-Remain		
Individual Fixtures			2										
Other fixture		RA1			E2.1		LED	j.		ospital		Ne	ew
		the second s	2x4 RECCES			(C		Are	these fixtu	ires located within a	a daylight zon	e?: No	
		and the state of the state of the	are specific a	pplication lighting	controls?: None requi	red	1.000		744	200403	ñ	4.0	201
Other fixture	RBI			E2.1		LED	( ),	Hospital		New			

#### Lighting, Motor and Electrical Requirements List, pg 1 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

#### Project: GSMOB PUALLUP 4TH FLOOR - 2018 WSEC 1450 5TH SR SE PUYALLUP, WA 98372

Applies	Code Section	Component	Compliance Information Required In Permit Documentation	Location in Documents	Building Department Notes
LIGHTING	SCOPE				
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.		
NA	C103.1	Construction documents - General	For an alteration project, indicate if there is no lighting scope included in the project.		
LIGHTING	CONTROLS				
YES	C405.2	Lighting controls, general	For all lighting fixtures, indicate lighting control method on plans for spaces and lighting zone(s) 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)	Indicate method of automatic control of all installed luminaires in dwelling units in buildings other than multifamily (occupancy or light reduction controls)		
NO	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		
NA	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	_	
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		
NA	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		
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

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

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 in 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 exceeds 5,000 sf	
NA	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	
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		Ø	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)	

#### Page 1/10

Washington S	tate Energy Code, Co	ommercial Provisions.	ing Group R2, R3 & R4 over 3 stories & all R1 – A plication for compliance with the lighting systems, n Technical Support at 360-539-5300 or via email at	
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 exceeds 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 room	
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	
Item 1 for sale of		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	C405.2.2.1	Automatic time	Indicate spaces on plans where time switch	L.			OWNER:
		switch controls	controls turn luminaires 100% off during unoccupied hours				
NA			Indicate spaces on plans where time switch controls are configured to turn on lighting full power versus 50% power				MultiCare
NA			Indicate locations of override switches on plans and the lighting zone(s) served; indic that the area(s) served by each override sw does not exceeds 5,000 sf	322.17			BetterConneo
NA	C405.2.1, Exception 3	Digital timer switch	Indicate digital timer switch control includ manual on/off, time delay, audible and vis indication of impending time-out	23/03			
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				PROJECT NAME:
NA			For small vertical fenestration assemblies (rough opening less than 10 percent of primary daylight zone floor area) where daylight responsive controls are not require provide fenestration area to daylight zone floor area calculation(s)	ed,			MultiCare GSMOB Orthopedics Sports Medic
2018 WSEC R The following i Washington Si	equirements for Cor nformation is necess ate Energy Code, C	mmercial Buildings includ sary to check a permit ap ommercial Provisions.	Page 2/10 I Requirements List, pg ling Group R2, R3 & R4 over 3 stories & al R4 plication for compliance with the lighting system Technical Support at 360-539-5300 or via en	<ul> <li>Administered by ©2022 NEEA, All rig ms, motors and electrical system requires</li> </ul>	ments in the		Clinic T.I. 1450 5th St S Puyallup, WA 98 MARK DATE DESCRIF 7/1/2022 PERMIT SUB
NA			Indicate method of manual lighting contro	11 9 4			9/27/2022 PERMIT SUBI
NA	C405.2.5,	Means of egress	and applicable automatic lighting control Identify on plans egress fixtures that funct	ion			
	Item 5	lighting	as both normal and emergency means of egress illumination				
NA			Provide calculation of lighting power dens of total egress lighting	ity	-		
NA			If total egress lighting power density is gre than 0.02 W/sq. ft., indicate on plans egres fixtures requiring automatic shut-off durin unoccupied periods	s			
NA	C405.4.1	Linhting posted of	Indicate method of automatic shut-off con	trol			
NA	C405.4.1 C405.4.2	Lighting control of exempt interior lighting	Indicate that exempt interior lighting equipment and lighting located within space that are eligible for a lighting power exemption are controlled independently fre non-exempt and general area lighting				
NA	C405.2.6	Exterior lighting controls	For decorative exterior lighting, indicate o plans automatic daylight shut-off controls, exception taken				
NA			For exterior lighting that is not decorative, indicate on plans automatic daylight or tim switch shut-off controls and setback contro or indicate exception taken	c+			
NA			For lighting requiring setback controls, include control sequence that reduces light power by at least 30% between 12am-6am from 1 hour after closing to 1 hour before opening, or based upon motion sensor	or			
NA			For building facade and landscape lighting indicate control sequence for shut-off cont is based on dawn-to-thick and business opening/closing schedule; indicate whether automatic or time switch controls will be provided for this function	rol			PROJECT NO.
NA	C405.5.2	Lighting control of exempt exterior lighting	Indicate that exempt exterior lighting and lighting located within exterior areas/surfa that eligible for a lighting power exemption are controlled independently from non- exempt exterior lighting				DATE: 1 JUL COPYRIGHT TO:
NA	C405.5.4	Exterior gas-fired lighting appliances	Indicate ignition system is a method other then continuously burning pilot light				SHEET TITLE:
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 be used as a master control switch	not			NREC
NA			Verify that no 20 amp circuit controlled by single switch or automatic control is loaded beyond 80%				
ADDITION	AL EFFICIENCY	CREDIT - ENHANCE	D INTERIOR LIGHTING CONTROLS	City of Puyallup			
			Page 4/10	Iopment & Permitting Services         ISSUED PERMIT         Building       Planning         ngineering       Public Works         Fire       Traffic			SHEET #: E0.4
		F	REVISION		ERMIT:	PRCT	202211

Indicate manual and automatic (occupant

served by each control device does not

Indicate on plans that non-visual lighting are

controlled independently from both general area lighting and other lighting applications

sensor or time switch) lighting control

methods

visual applications applications on plans; indicate that the area

exceeds 4,000 sf

within the same space

C405.2.5, Lighting for non- Identify all eligible non-visual lighting

NA

NA

NA

Item 4

### 66

www.coffman.com . 67 _____ ected re cs & icine Ι. SE 98372 RIPTION SUBMITTAL #1 SUBMITTAL #2 220991 ULY 2022

**COFFMAN** ENGINEERS

1101 2nd Avenue, Suite 400

Seattle, WA 98101

ph 206.623.0717

#### Lighting, Motor and Electrical Requirements List, pg 5 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	C405.4.2.1	Building Area	Demonstrate that total proposed wattage per	E004	
INTERIOR	LIGHTING POW	ER CALCULATION -	INDICATE COMPLIANCE PATH TAKEN		
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		
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			Identify lighting equipment eligible for lighting power exemption in fixture schedule and in WSEC interior lighting compliance reports; indicate the exception applied		
NA			Identify spaces eligible for lighting power exemption on plans and in WSEC interior lighting compliance reports; indicate the exception applied		
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	E003	
	LIGHTING POW	ER & EFFICACY	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		
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 dimining; 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 Include calculations that demonstrate the total		

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

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

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	
RECEPTA	CLES	1		ů Úze
NA	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	
NA			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	
NA			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	
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 alerations	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	

Page 8/10

#### Lighting, Motor and Electrical Requirements List, pg 6 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

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	
ADDITION	AL EFFICIENCY	CREDITS - REDUCED	INTERIOR LIGHTING POWER DENSITY	6
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 schedale 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	
EXTERIO	R LIGHTING POW	ER & EFFICACY		
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	
EXTERIO	R LIGHTING POW	ER CALCULATION		
NA	C405.5.3	Tradable allowances	Demonstrate that total proposed tradable surface wattage does not exceed maximum allowed tradable surface wattage (including base site allowance); identify locations of tradable surfaces on plans; provide WSEC exterior lighting compliance reports	

#### Lighting, Motor and Electrical Rec

2018 WSEC Requirements for Commercial Buildings including Grou The following information is necessary to check a permit application Washington State Energy Code, Commercial Provisions. For questions about this report, contact WSEC Commercial Technic

NA			Demons tradable maximu surface remainii calculati surfaces lighting
LIGHTING	C503.6.1	Interior and parking garage lighting fixture alterations	Where a interior indicate space-by existing- interior propose maximu
NA			Where « interior indicate space pr existing interior propose area doe wattage
NA			Where a wattage existing exterior propose not exce
NA			Where < wattage lighting new and WSEC i indicate wattage prior to
YES	C503.6.2	Interior lighting wiring and circuiting alterations	Where r interior relocated and auto (as appli occupan (C405.2 specific
NA			Where r exterior relocated lighting

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

### 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.

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%	E001
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, rated 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	
NO	C405.9.3	Regenerative drive	Indicate all one-way down or reversible escalators are provided with a variable frequency regenerative drive	
DOCUMEN	TATION AND SY	STEM REQUIREMEN	NTS TO SUPPORT COMMISSIONING (CX)	
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	E001
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	E001
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	E001

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

If "no" is selected for any question, provide explanation.

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	C408.1.2.1 C408.1.4requirements in construction documentsC408.1.2 including: 1) Narrative descript of activities; 2) Responsibilities of the C team; 3) Schedule of activities including verification of project close out		documentation per C103.6; 4) Conflict of	E001
YES	C408.1.4     requirements in     report and Compliance Check       C103.6.3     construction     C408.1.4.1) shall be completed       documents     Certified Cx Professional and		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	E001
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	E001
PROJECT	CLOSE OUT DOC	CUMENTATION		
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	E001

lighting c interior a surface ty installed d

City of P Development & Po ISSUED	
Building	Planning
Engineering	Public Wor
Fire	Traffic
	Development & Po ISSUED Building Engineering

al Support at 360-539-5300 or via email a	t com.techsupport@waenergycodes.com
onstrate that proposed waitage per non- ble surface type does not exceed num allowed waitage per non-tradable ce type (including base site allowance ming after tradable allowance lation); identify locations of non-tradable ces on plans; provide WSEC exterior ng compliance reports	
e ≥ 50% of existing luminaires in an or space or parking garage are replaced; ate compliance path (building area or -by-space method); include all new and ng-to-remain luminaires in WSEC or lighting compliance reports; indicate sed lighting wattage does not exceed num allowed per compliance path	E2.1
e < 50% of existing luminaires in an or space or parking garage are replaced; ate total existing lighting wattage in each prior to alteration; include all new and ng-to-remain luminaires in WSEC or lighting compliance reports; indicate used total lighting wattage in alteration loes not exceed total existing lighting ge prior to alteration	
e ≥ 50% of existing exterior lighting ge is replaced; include all new and ng-to-remain luminaires in WSEC ior lighting compliance reports; indicate used total exterior lighting wattage does sceed maximum allowed	
e < 50% of existing exterior lighting ge is replaced; indicate total existing ng wattage prior to alteration; include all and existing-to-remain luminaires in C interior exterior compliance reports; ate proposed total exterior lighting ge does not exceed total existing wattage to alteration	
re new wiring is installed to serve new or luminaires and /or luminaires are ated to a new circuit; indicate manual utomatic lighting controls are provided oplicable) - manual (C405.2.3); oancy sensor (C405.2.1); light reduction 5.2.3); daylight responsive (C405.2.4); fic application (C405.2.5)	E2.1, E5.1
te new wiring is installed to serve new ior luminaires and /or luminaires are ated to a new circuit; indicate automatic ng controls are provided (C405.2.6)	

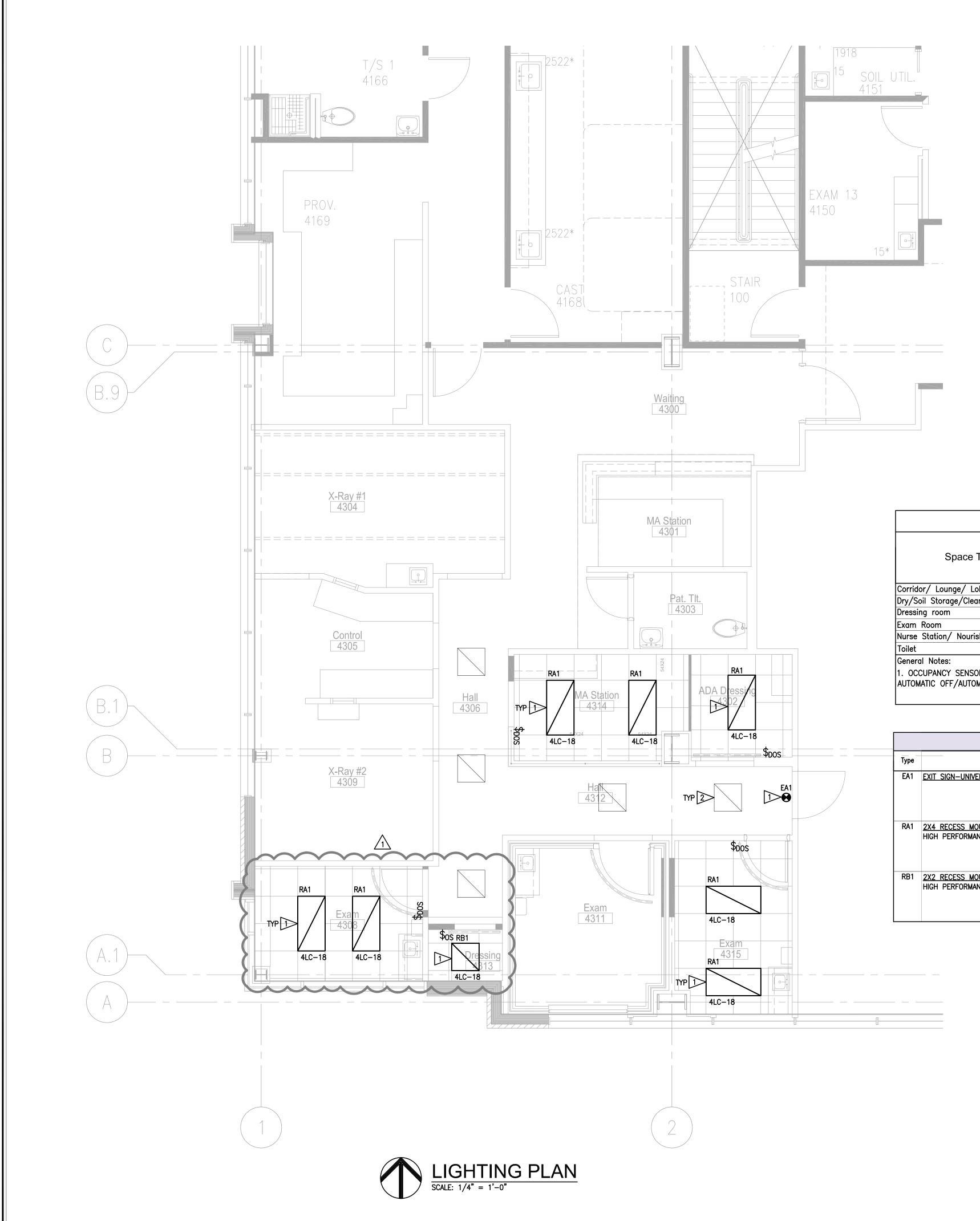
Page 7/10

in phills that proper close out	1.10.001
ntation is required including WSEC	
compliance reports that document all	
and exterior lighting area and / or	
ypes, lighting power allowances and	
densities	
	1



Page	10/10	

Seatt	COFFFMAN Englished Seattle, WA 98101 ph 206.623.0717 www.coffman.com		
	ultiQ	Care onne	
Or Spo	GS rthop orts Clini 450 5 vallup, DATE 7/1/2022	ME: MOB Dedic Medic Medic C T.I. ith St S WA 98 DESCR PERMIT SUR	S & Cine SE 8372 IPTION BMITTAL #1
SHEE	I BY: IGHT TO: T TITLE:	1 JU	220991 LY 2022
NR Shee	T #:	0.5	



Lighting	Control I
----------	-----------

			Lighting	Control M	latrix		
				S	witching S	Strategy	
Space Type	Time Clock	Occupancy/Vacancy Sensor	Switching Zones	USER ON/OFF	User ON/OFF Dimming	Scene Control	Comments
Corridor/ Lounge/ Lobby	X	-	PER PLAN	NO	NO	NO	OCCUPANCY SENSORS FOR AFTER HOURS OVERRIDE
Dry/Soil Storage/Clean Supply	-	X	1	NO	NO	NO	
Dressing room	-	X	1	YES	YES	NO	
Exam Room	-	Х	1	YES	YES	NO	
Nurse Station/ Nourish Alcove	X	X	1	YES	YES	NO	
Toilet	-	Х	1	YES	YES	NO	
General Notes:							•
1. OCCUPANCY SENSORS SHALL BE AUTOMATIC OFF/AUTOMATIC ON WITH		•	ON WITH A 15	MINUTE TIME OU	IT. IN CO	RRIDORS A	ND RESTROOMS OCCUPANCY SENSORS SHALL BE SET UP FOR

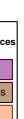
	LUMINAIRE SCHEDULE					
Туре	Description	Lamp Type	Ballast/ Driver	Dimming Type	WATTS/VA	Manufacturer Information
EA1	EXIT SIGN-UNIVERSAL MOUNTING, WHITE THERMOPLASTIC	2W GREEN LED	INTEGRAL ELECTRONIC DRIVER	-	2/2	BEGHELLI "VA5" SERIES
	<u>2X4 RECESS MOUNT GASKETED LED LUMINAIRE</u> HIGH PERFORMANCE EXTRUDED ACRYLIC DIFFERS CONCEAL LEDS	38W LED 3500k 4894 LUMENS	integral Dimming Driver	0-10V 1%	38/38	<u>LITHONIA LIGHTING</u> "2BLT4" SERIES
	2X2 RECESS MOUNT GASKETED LED LUMINAIRE HIGH PERFORMANCE EXTRUDED ACRYLIC DIFFERS CONCEAL LEDS	44W LED 3500K 4800 LUMENS	INTEGRAL DIMMING DRIVER	0–10V 1%	38/38	<u>LITHONIA LIGHTING</u> "2BLT2" SERIES

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

### FLAG NOTES

- T> REUSE EXISTING BRANCH CIRCUIT. FIELD VERIFY.
- 2> EXISTING HALL LIGHTING TO REMAIN.

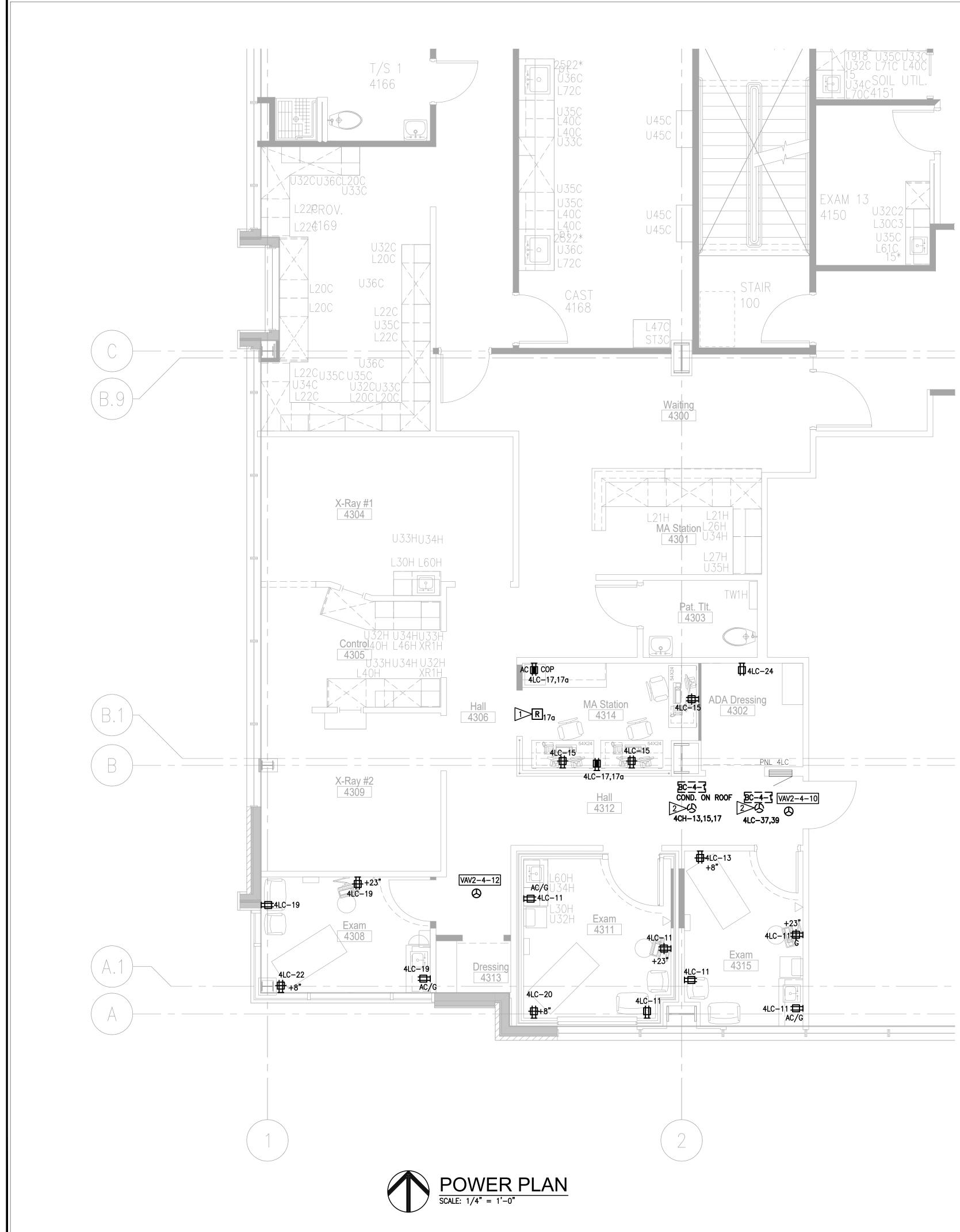
### I Matrix

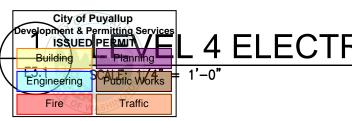


	COFFFMAN 1101 2nd Avenue, Suite 400 Seattle, WA 98101 ph 206.623.0717 www.coffman.com
_	THOMESSIONAL ENGINEE 9/29/2022
	OWNER: MultiCare BetterConnected
	PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, VVA 98372 MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1 1 9/27/2022 PERMIT SUBMITTAL #2 9/27/2022 PERMIT SUBMITTAL #2
	PROJECT NO. 220991 DRAWN BY: DATE: 1 JULY 2022 COPYRIGHT TO:
	SHEET TITLE: LIGHTING PLAN & SCHEDULES SHEET #: E2.1

# **REVISIONS TO PERMIT: PRCTI20221166**

1/4["]=1'-0" 0 1 2 3 4 6 8 12





PNL 4CL

### GENERAL NOTES

1. REFER TO ARCHITECTURE ELEVATION FOR RECEPTACLE/DATA MOUNTING HEIGHT.

#### FLAG NOTES

- PROVIDE RELAY INTERFACED WITH THE LIGHTING CIRCUIT IN THIS SPACE TO TURN SWITCHED RECEPTACLES ON/OFF.
- 2> REMOVE EXISTING SPLIT SYSTEM. SEE MECHANICAL FOR DEMOLITION EQUIPMENT.

	OWNER:
	MultiCare 🕂
	BetterConnected
	PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE Puyallup, VVA 98372 MARK DATE DESCRIPTION 7/1/2022 PERMIT SUBMITTAL #1 1 1 1 1 1 1 1 1 1 1 1 1 1
ELEC. RM. PNL 4CH 4003 T4	
	PROJECT NO. 220991
4 ELECTRICAL ROOM	DRAWN BY: DATE: 1 JULY 2022 COPYRIGHT TO:
	SHEET TITLE: POWER PLAN
0 1 2 3 4 6 8 12 1/4"=1'-0"	SHEET #: E3.1
<b>REVISIONS TO PERMIT: PRCT</b>	120221166

**COFFMAN** ENGINEERS

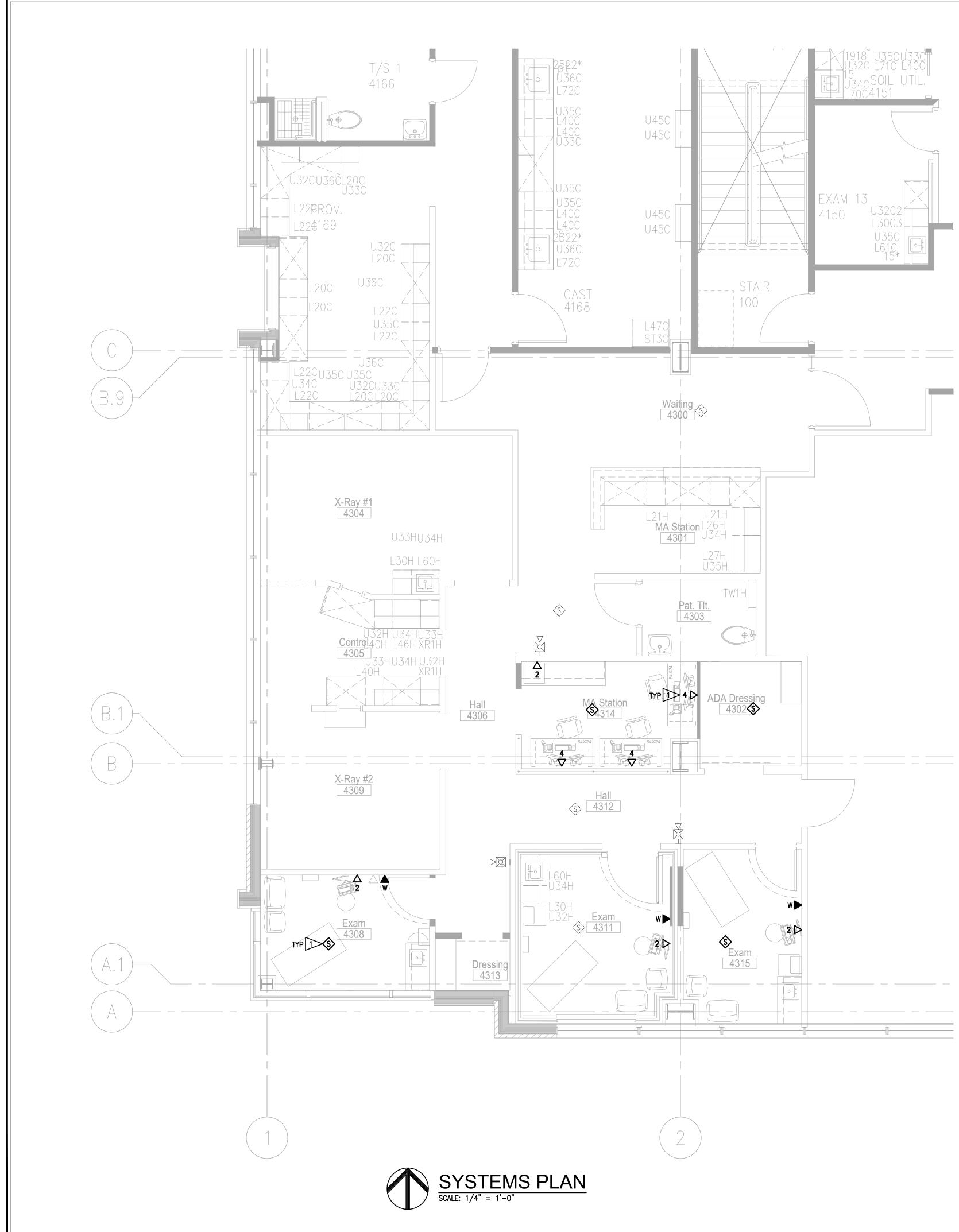
1101 2nd Avenue, Suite 400 Seattle, WA 98101

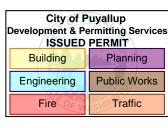
**MARA** 

9/29/2022

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### FLAG NOTES

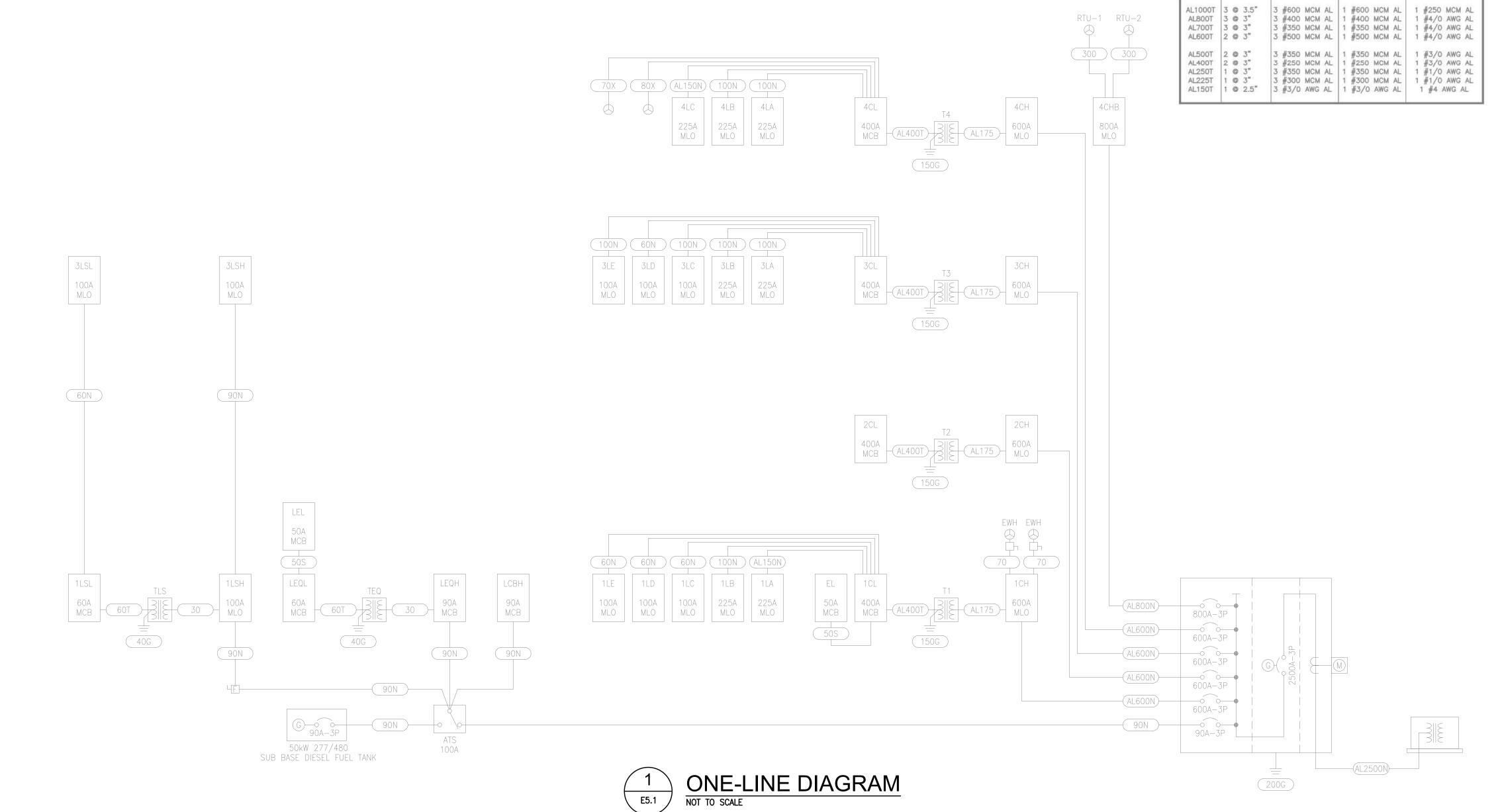
1> PROVIDE CONNECTION TO EXISTING SYSTEM.

COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN COFFFMAN Seattle, WA 98101 Ph 206.623.0717 Www.coffman.com
PEG ISTERED 9/29/2022
OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Orthopedics & Sports Medicine Clinic T.I. 1450 5th St SE
Puyallup, WA 98372           MARK         DATE         DESCRIPTION           7/1/2022         PERMIT SUBMITTAL #1           1         9/27/2022         PERMIT SUBMITTAL #2
PROJECT NO.         220991           DRAWN BY:
SHEET TITLE: SYSTEMS PLAN SHEET #: F4_1

**REVISIONS TO PERMIT: PRCTI20221166** 

12

1/4"=1'-0" 0 1 2 3 4 6 8





Feeder	Conduit	Phase Cond	Neut Cond	Ground Cond
Number		Qnty & Size	Qnty & Size	Qnty & Size
j phase	with neutral			
AL3000N		3 #600 MCM AL	1 #600 MCM AL	1 #600 MCM AL
AL2500N	7 @ 4"	3 #700 MCM AL	1 #700 MCM AL	1 #600 MCM AL
AL2000N	6 @ 3.5"	3 #600 MCM AL	1 #500 MCM AL	1 #400 MCM AL
AL1600N AL1200N	5 @ 3.5" 4 @ 3"	3 #600 MCM AL 3 #500 MCM AL	1 #600 MCM AL 1 #500 MCM AL	1 #350 MCM AL 1 #250 MCM AL
AL1200N	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 #3/0 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 AL200N	1 @ 2.5" 1 @ 2.5"	3 #300 MCM AL 3 #250 MCM AL	1 #300 MCM AL 1 #250 MCM AL	1 #2 AWG 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
phase 1	no neutral			
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 #1/0 AWG AL
AL400	2 @ 2"	3 #4/0 AWG 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
ingle Ph	ase no neutr	al		
AL2005	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
AL1255	1 @ 1.25"	2 #1/0 AWG AL	(None)	1 #4 AWG AL
ransforn	her Secondary	7 Feeder		
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 AI
AL700T	3 @ 3" 2 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #4/0 AWG AL
AL600T	022 - 1221 (1021)	3 #500 MCM AL	1 #500 MCM AL	1 #4/0 AWG AI
AL500T	2 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #3/0 AWG A
AL400T	2 @ 3"	3 #250 MCM AL	1 #250 MCM AL	1 #3/0 AWG A
AL250T	1 @ 3"	3 #350 MCM AL	1 #350 MCM AL	1 #1/0 AWG A
ALCOST.	1 @ 3"	3 #300 MCM AL	1 #300 MCM AL	1 #1/0 AWG A
AL225T AL150T	1 @ 2.5"	3 #3/0 AWG AL	1 #3/0 AWG AL	1 #4 AWG AL

<b>REVISIONS TO PERMIT: PRCTI20221166</b>
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City of Puyallup Development & Permitting Services ISSUED PERMIT		
Building	Planning	
Engineering	Public Works	
Fire OF W	Traffic	

Number	Quty & Size	Quity & Size	Quity & Size	Quty & Size
3 phase wit 3000N	h neutral 8 @ 3.5"	3 #500 MCM Cu	1 #500 MCM Cu	1 #400 MCM Cu
2500N 2000N 1600N 1200N 1000N	7 © 3.5" 6 © 3.5" 5 © 3.5" 4 © 3" 3 © 3.5"	3 #350 MCM Cu	1 #500 MCM Cu 1 #500 MCM Cu 1 #500 MCM Cu 1 #350 MCM Cu 1 #500 MCM Cu	1 #350 MCM Cu 1 #250 MCM Cu 1 #4/0 AWG Cu 1 #3/0 AWG Cu 1 #2/0 AWG Cu
800N 600N 500N 400N	2 @ 3.5" 2 @ 3" 2 @ 2.5" 1 @ 3.5"	3 #350 MCM Cu 3 #250 MCM Cu	1 #500 MCM Cu 1 #350 MCM Cu 1 #250 MCM Cu 1 #500 MCM Cu	1 #1/O AWG Cu 1 #1 AWG Cu 1 #2 AWG Cu 1 #3 AWG Cu
350N 300N 250N 225N 200N	1 @ 3.5" 1 @ 3" 1 @ 2.5" 1 @ 2.5" 1 @ 2.2"	3 #350 MCM Cu 3 #250 MCM Cu 3 #4/0 AWG Cu	1 #500 MCM Cu 1 #350 MCM Cu 1 #250 MCM Cu 1 #250 AWG Cu 1 #3/0 AWG Cu	1 #3 AWG Cu 1 #4 AWG Cu 1 #4 AWG Cu 1 #4 AWG Cu 1 #6 AWG Cu 1 #6 AWG Cu
175N 150N 125N 110N 100N	1 @ 2" 1 @ 2" 1 @ 1.5" 1 @ 1.25" 1 @ 1.25"	3 #2/0 AWG Cu 3 #1/0 AWG Cu 3 #1 AWG Cu 3 #2 AWG Cu 3 #3 AWG Cu	1 #2/0 AWG Cu 1 #1/0 AWG Cu 1 #1 AWG Cu 1 #2 AWG Cu 1 #3 AWG Cu	1 #6 AWG Cu 1 #8 AWG Cu
90N 80N 70N 60N 50N	1 © 1.25" 1 © 1.25" 1 © 1.25" 1 © 1" 1 © 3/4"	3 #3 AWG Cu 3 #4 AWG Cu 3 #4 AWG Cu 3 #6 AWG Cu 3 #8 AWG Cu	1 #3 AWG Cu 1 #4 AWG Cu 1 #4 AWG Cu 1 #6 AWG Cu 1 #8 AWG Cu	1 #8 AWG Cu 1 #8 AWG Cu 1 #8 AWG Cu 1 #10 AWG Cu 1 #10 AWG Cu
40N 30N	1 © 3/4" 1 © 1/2"	3 #8 AWG Cu 3 #10 AWG Cu	1 #8 AWG Cu 1 #10 AWG Cu	1 #10 AWG Cu 1 #10 AWG Cu
3 phase no 1600 1200 1000 800 700 600	neutral 5 @ 3" 4 @ 2.5" 3 @ 3" 2 @ 3" 2 @ 3" 2 @ 2.5"	3 #500 MCM Cu 3 #350 MCM Cu 3 #500 MCM Cu 3 #500 MCM Cu 3 #500 MCM Cu 3 #350 MCM Cu 3 #350 MCM Cu	(None) (None) (None) (None) (None) (None)	1 #4/0 AWG Cu 1 #3/0 AWG Cu 1 #2/0 AWG Cu 1 #1/0 AWG Cu 1 #1/0 AWG Cu 1 #1 AWG Cu
500 450 400 350 300	2 @ 2.5" 2 @ 2" 1 @ 3" 1 @ 3" 1 @ 2.5"	3 #250 MCM Cu 3 #4/0 AWG Cu 3 #500 MCM Cu 3 #500 MCM Cu 3 #350 MCM Cu	(None) (None) (None) (None) (None)	1 #2 AWG Cu 1 #2 AWG Cu 1 #3 AWG Cu 1 #3 AWG Cu 1 #4 AWG Cu
250 225 200 175 150	1 @ 2" 1 @ 2" 1 @ 2" 1 @ 1.5" 1 @ 1.5"	3 #250 MCM Cu 3 #4/0 AWG Cu 3 #3/0 AWG Cu 3 #2/0 AWG Cu 3 #1/0 AWG Cu	(None) (None) (None) (None) (None)	1 #4 AWG Cu 1 #4 AWG Cu 1 #6 AWG Cu 1 #6 AWG Cu 1 #6 AWG Cu
125 110 100 90 80	1 @ 1.25" 1 @ 1.25" 1 @ 1.25" 1 @ 1.25" 1 @ 1.25" 1 @ 1"	3 #1 AWG Cu 3 #2 AWG Cu 3 #3 AWG Cu 3 #3 AWG Cu 3 #4 AWG Cu 3 #4 AWG Cu	(None) (None) (None) (None) (None)	1 #6 AWG Cu 1 #6 AWG Cu 1 #8 AWG Cu 1 #8 AWG Cu 1 #8 AWG Cu 1 #8 AWG Cu
70 60 50 40 30 20	1 © 1" 1 © 3/4" 1 © 3/4" 1 © 3/4" 1 © 3/4" 1 © 1/2" 1 © 1/2"	3 #4 AWG Cu 3 #6 AWG Cu 3 #8 AWG Cu 3 #8 AWG Cu 3 #10 AWG Cu 3 #12 AWG Cu	(None) (None) (None) (None) (None)	1 #8 AWG Cu 1 #10 AWG Cu 1 #10 AWG Cu 1 #10 AWG Cu 1 #10 AWG Cu 1 #12 AWG Cu 1 #12 AWG Cu
Single Phase 150S 125S	e no neutral 1 © 1.25" 1 © 1.25"	2 #1/0 AWG Cu 2 #1 AWG Cu	(None) (None)	1 #6 AWG Cu 1 #6 AWG Cu
110S 100S 90S	1 @ 1" 1 @ 1" 1 @ 1"	2 #2 AWG Cu 2 #3 AWG Cu 2 #3 AWG Cu	(None) (None) (None)	1 #6 AWG Cu 1 #8 AWG Cu 1 #8 AWG Cu
80S 70S 60S 50S 40S	1 © 1" 1 © 1" 1 © 3/4" 1 © 1/2" 1 © 1/2"	2 #4 AWG Cu 2 #4 AWG Cu 2 #6 AWG Cu 2 #8 AWG Cu 2 #8 AWG Cu	(None) (None) (None) (None) (None)	1 #8 AWG Cu 1 #8 AWG Cu 1 #10 AWG Cu 1 #10 AWG Cu 1 #10 AWG Cu 1 #10 AWG Cu
30S Grounding (	1 @ 1/2"	2 #10 AWG Cu	(None)	1 #10 AWG Cu
250G 225G 200G 175G 150G	1 @ 1" 1 @ 1" 1 @ 1" 1 @ 3/4" 1 @ 3/4"	(None) (None) (None) (None) (None)	(None) (None) (None) (None) (None)	1 #250 MCM Cu 1 #4/0 AWG Cu 1 #3/0 AWG Cu 1 #2/0 AWG Cu 1 #1/0 AWG Cu
125G 110G 100G 90G 80G	1 © 3/4" 1 © 1/2" 1 © 1/2" 1 © 1/2" 1 © 1/2"	(None) (None) (None) (None) (None)	(None) (None) (None) (None) (None)	1 #1 AWG Cu 1 #2 AWG Cu 1 #3 AWG Cu 1 #3 AWG Cu 1 #4 AWG Cu
70G 60G 50G 40G 30G	1 © 1/2" 1 © 1/2" 1 © 1/2" 1 © 1/2" 1 © 1/2"	(None) (None) (None) (None) (None)	(None) (None) (None) (None) (None)	1 #4 AWG Cu 1 #6 AWG Cu 1 #8 AWG Cu 1 #8 AWG Cu 1 #8 AWG Cu 1 #10 AWG Cu
Transformer 1000T 800F 700T 600T 500T	Secondary           3 @ 3.5"           2 @ 3.5"           2 @ 3.5"           2 @ 3"           2 @ 2.5"	3 #500 MCM Cu 3 #600 MCM Cu 3 #500 MCM Cu 3 #350 MCM Cu	1 #500 MCM Cu 1 #600 MCM Cu 1 #500 MCM Cu 1 #350 MCM Cu 1 #250 MCM Cu	1 #3/0 AWG Cu 1 #3/0 AWG Cu 1 #2/0 AWG Cu 1 #2/0 AWG Cu 1 #2/0 AWG Cu
400T 250T 225T 150T 60T	1 @ 3.5" 1 @ 3" 1 @ 2.5" 1 @ 2" 1 @ 1"	3 #250 MCM Cu 3 #4/0 AWG Cu	1 #600 MCM Cu 1 #250MCM Cu 1 #4/0 AWG Cu 1 #1/0 AWG Cu 1 #6 AWG Cu	

Copper Feeder Schedule:

 Feeder
 Conduit
 Phase Cond
 Neut Cond
 Ground Cond

 Number
 Qnty & Size
 Qnty & Size
 Qnty & Size
 Qnty & Size

