

	CITY OF PUYALLUP
CATEGORY:	D-1
	12 INCHES
	25 PSF
	85 MPH – EXPOSURE B
TYPE:	1-A
	B, MEDICAL OFFICE BUILDING
N:	AUTOMATIC FIRE ALARM AUTOMATIC FIRE SPRINKLER SYSTEM

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.

STRUCTURAL:

PCS Structural Solutions 1250 Pacific Avenue, Suite 710 Tacoma, WA 98402 Contact: McKell Bowen Project Manager mbowen@pcs-structural.com (253) 383-2797

MECHANICAL:

Coffman Engineers 1101 2nd Ave, Suite 400 Seattle, WA 98101 Contact: Laura Chopp, PE Engineer, Mechanical Engineering Laura.Chopp@Coffman.com (206) 521-0725 Tel.

ELECTRICAL:

EBD Services 647 NW 182nd ST Shoreline, WA 98177 Contact: Kellen Davis Project Manager, Associate Kellen.Davis@EBD-Services.com (206) 549-3577 Tel.

PROJECT DESCRIPTION:

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

A 3,563 SF tenant improvement expansion to existing Orthopedics and Sports Medicine Clinic (Suite 4400), including exam rooms and patient and staff support areas.

INDEX TO DRAWING SET:	$\bigcup_{i=1}^{i} \bigcup_{j=1}^{i}$
GENERAL: TO.0 PROJECT INFO, INDEX, SITE PLAN	InSig HealthCare Architectu KLanglois@InsightDesignStudio.k
ARCHITECTURAL: A0.1 FLOOR LIFE SAFETY PLAN A0.2 FOURTH FLOOR PLAN	12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645
A1.1PARTIAL4THFLOORPLANPLODEA2.1PARTIAL4THFLOORPLANPROPOSED	
A3.1PARTIAL4THFLOORPLANEQUIPMENTA4.1PARTIAL4THFLOORREFLECTEDCEILINGPLANA5.1PARTIAL4THFLOORFINISHPLAN	8466 REGISTERED ARCHITECT
A5.2 FINISH SCHEDULE A6.0 TYPICAL MOUNTING HEIGHTS A6.1 INTERIOR ELEVATIONS	Karsea M. Langlois
A6.2INTERIOR ELEVATIONSA7.0DOOR SCHEDULEA8.0WALL TYPES AND DETAILS	STATE OF WASHINGTON
A8.1 DETAILS	
	OWNER:
	MultiCare 🥂
MECHANICAL (SEPARATE PERMIT): M0.1 COVER SHEET, GENERAL NOTES & INDEX	BetterConnecte
M0.2MECHANICAL SCHEDULESM1.14TH FLOOR HVAC PLAN - DEMOM1.24TH FLOOR HVAC PLAN	
M3.1 DETAILS	
PLUMBING (SEPARATE PERMIT):	PROJECT NAME:
P0.1 COVER SHEET & GENERAL INFO P0.2 PLUMBING SPECIFICATIONS P0.3 PLUMBING SCHEDULES	MultiCare GSMOB
P1.14TH FLOOR PLUMBING PLAN - DEMOP1.24TH FLOOR PLUMBING PLAN	Suite 4400
P3.1 DETAILS	Clinic T.I.
	1450 5th St SE
ELECTRICAL (SEPARATE PERMIT):	Puyallup, WA 98372
E0.0 COVER SHEET & GENERAL INFO E0.1 ELECTRICAL SPECIFICATIONS ED1.1 PARTIAL 4TH FLOOR PLAN – ELECTRICAL DEMOLITION	4/10/2023 PERMIT SUBMITTAL
ED2.1PARTIAL4THFLOORPLANPLIGHTINGDEMOLITIONE1.1PARTIAL4THFLOORPLANPOWER	
E2.1PARTIAL4THFLOORPLAN–LIGHTINGE2.2PARTIAL4THFLOORPLAN–LIGHTINGE3.1PARTIAL4THFLOORPLAN–SYSTEMS	
E4.1ELECTRICAL DETAILSE6.1ONE-LINE DIAGRAME7.1ELECTRICAL SCHEDULES	
	PROJECT NO. 312 DRAWN BY: K. LANGLO
	DATE: 10 APRIL 20 COPYRIGHT TO:
	InSight Healthcare Architectu
	SHEET TITLE:
	PROJECT INFO INDEX / SITE
	PLAN
	SHEET #:
	T0.0

LEGEND

	XX SPACE
	XX SF / 150 = XX OCCUPANTS
	المراز المحرار المحر
	XXX
/	

OUTPATIENT BUSINESS / CLINIC AREAS = 1 OCCUPANT PER 150 SF GROSS

1-HOUR GWB OCCUPANCY FIRE BARRIER ASSEMBLY WITH 60-MINUTE DOORS

1-HOUR GWB SMOKE PARTITION WITH 20-MINUTE DOORS & 45-MINUTE RELITES

(AS REQUIRED BY NFPA 101 - LIFE SAFETY CODE)

1-HOUR GWB SHAFT WALL ASSEMBLY

1-HOUR GWB SHAFT WALL ASSEMBLY

2-HOUR FIRE CMU OR CONCRETE OCCUPANCY SEPARATION WALL ASSEMBLY WITH 90-MINUTE DOORS

NON-RATED SMOKE PARTITION PER IBC 710. EXTEND WALL TO STRUCTURE. DOORS TO HAVE CLOSERS & SMOKE SEALS

1-HOUR GWB CEILING FIRE BARRIER

2-HOUR FIRE-RATED META DECK & 3-HOUR FIRE-PROTECTED FLOOR BEAMS

(CONCRETE FLOOR SLAB OCCUPANCY SEPARATION OR CONSTRUCTION TYPE 1A FLOOR ASSEMBLY)

TRAVEL DISTANCES (MAXIMUM SHOWN)

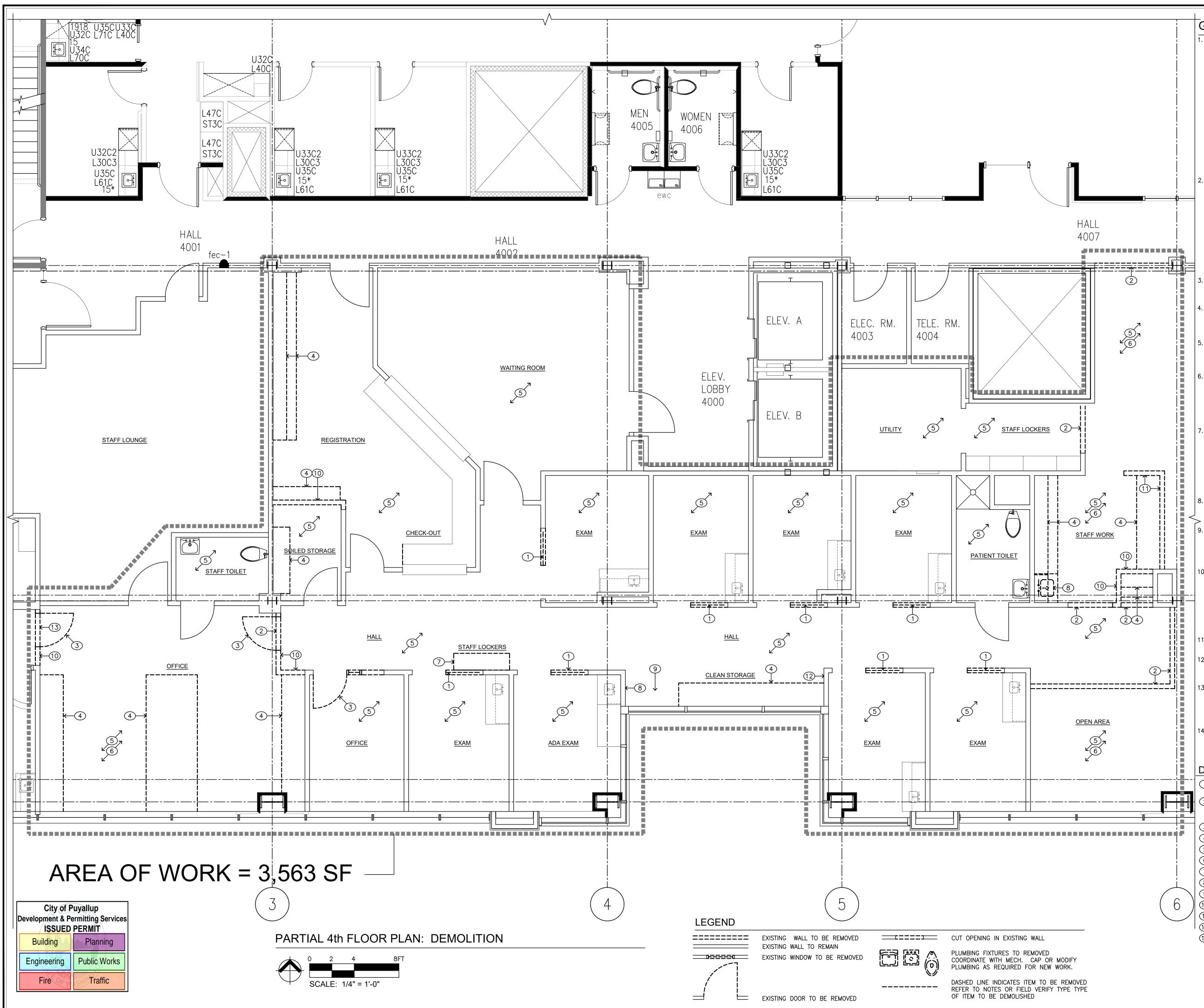
NON-RATED WALL ASSEMBLIES



Development & P	Puyallup ermitting Services PERMIT
Building	Planning
Engineering	Public Works
Fire	Traffic



City of P Development & Pe ISSUED	ermitting Services
Building	Planning
Engineering	Public Works
Fire	Traffic

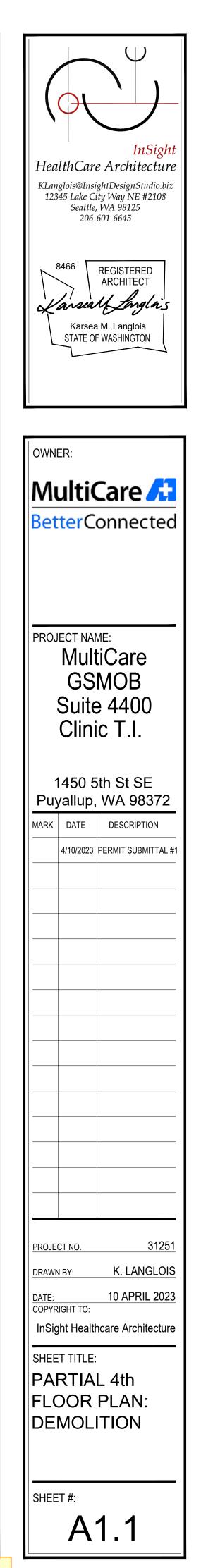


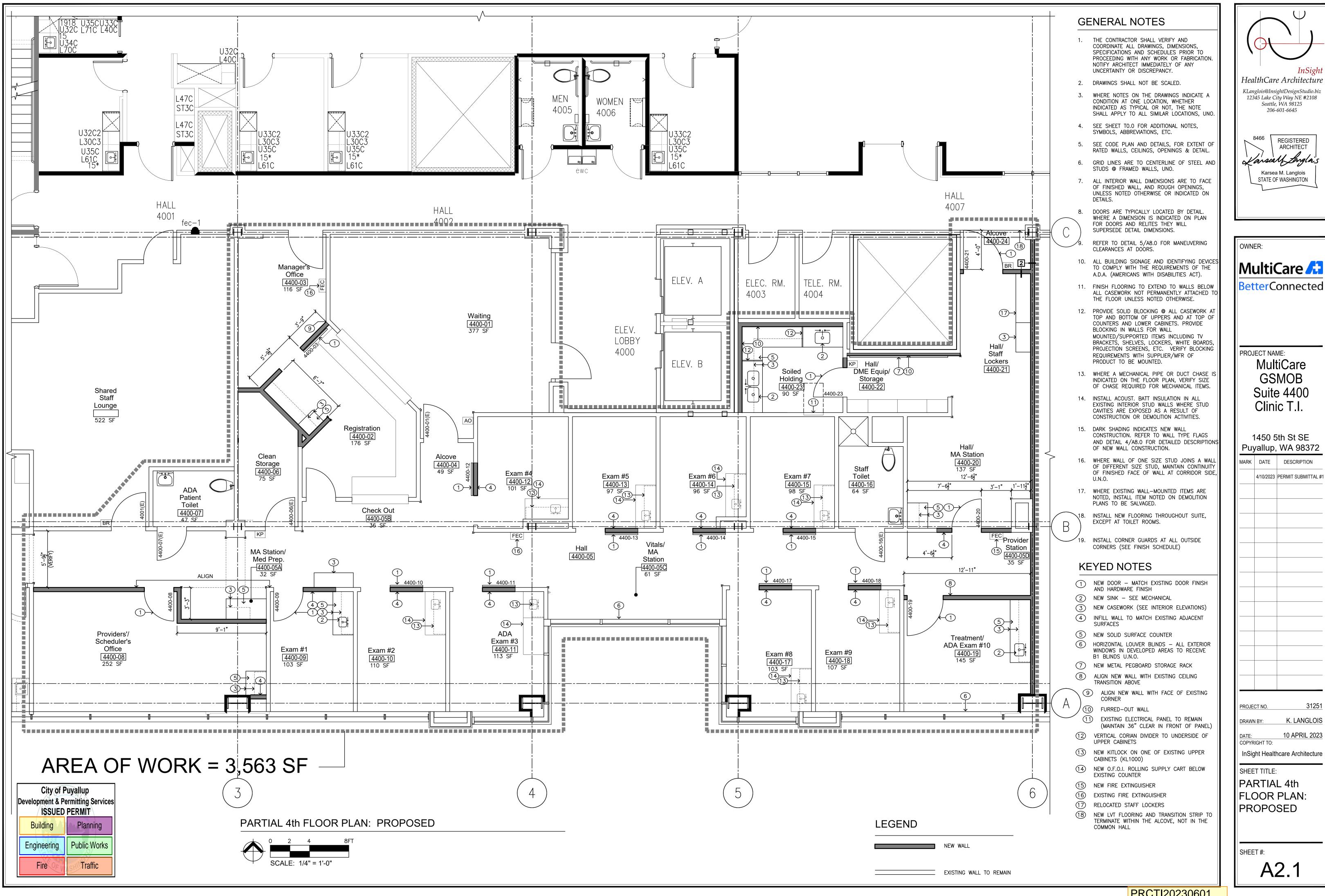
GENERAL NOTES

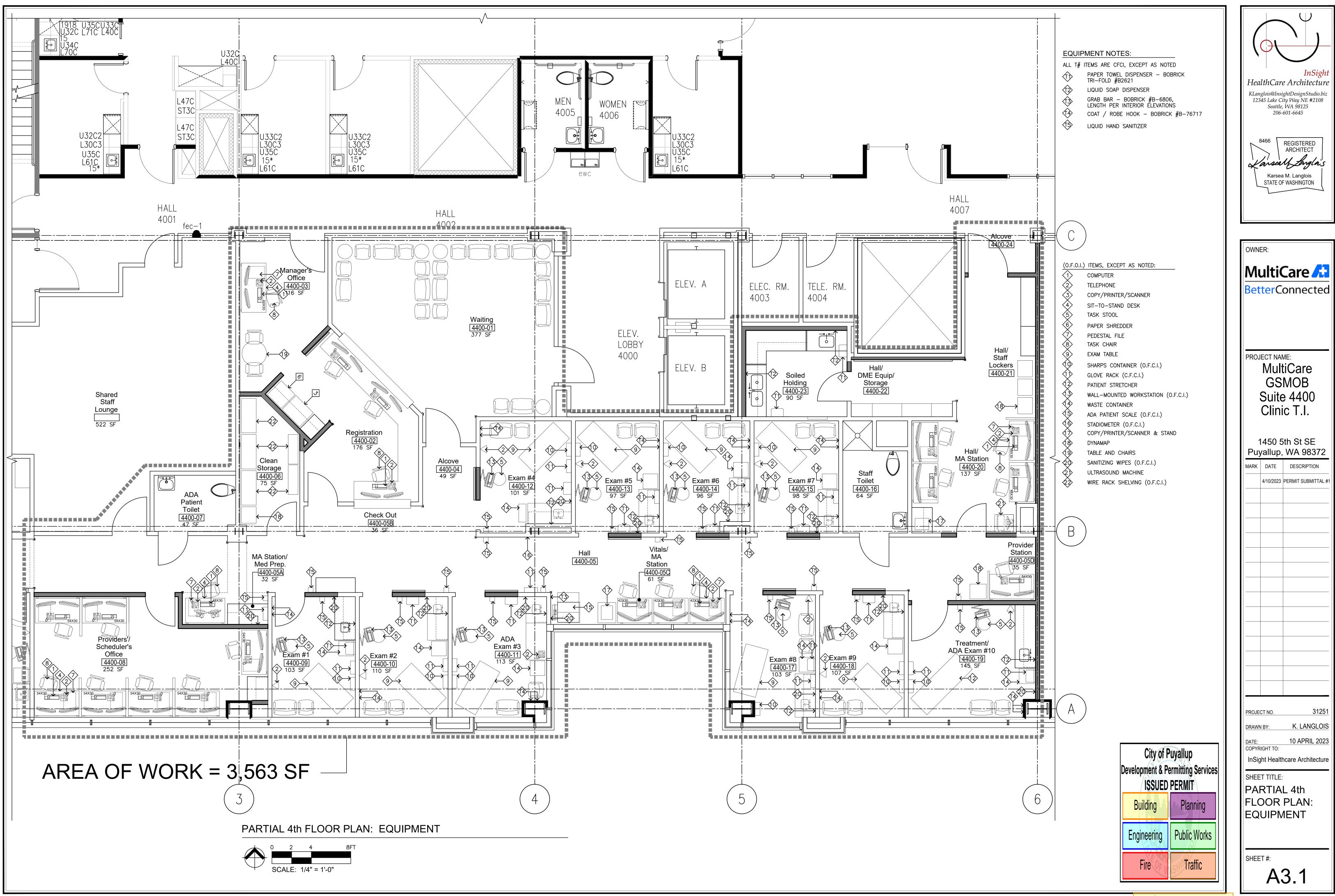
- THESE DEMOLITION DRAWINGS ARE INTENDED TO SHOW EXISTING CONDITIONS TO BE REMOVED (OR DEMOLISHED) TO COORDINATE WITH NEW WORK TO BE INSTALLED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXISTING CONDITIONS IN THE FIELD WITH NEW WORK TO BE INSTALLED. COORDINATE ALL EXTENT OF DEMOLITION 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.
- 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.
- 3. REMOVE ALL LOOSE DEBRIS OR OTHERWISE UNNECESSARY MATERIAL FROM WALL CAVITIES CREATED BY DEMOLITION WORK PRIOR TO ENCLOSING WITH NEW FINISHES.
- 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.
- 1. CONSULT WITH OWNER IN WRITING TEN (10) DAYS IN ADVANCE OR UTILITY/ SERVICE SHUTDOWNS.
- PROVIDE DUSTPROOF PARTITIONING AND TEMPORARY DOORS WHERE NEEDED PRIOR TO DEMOLITION TO PROTECT ADJACENT AREAS.
- 3. 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

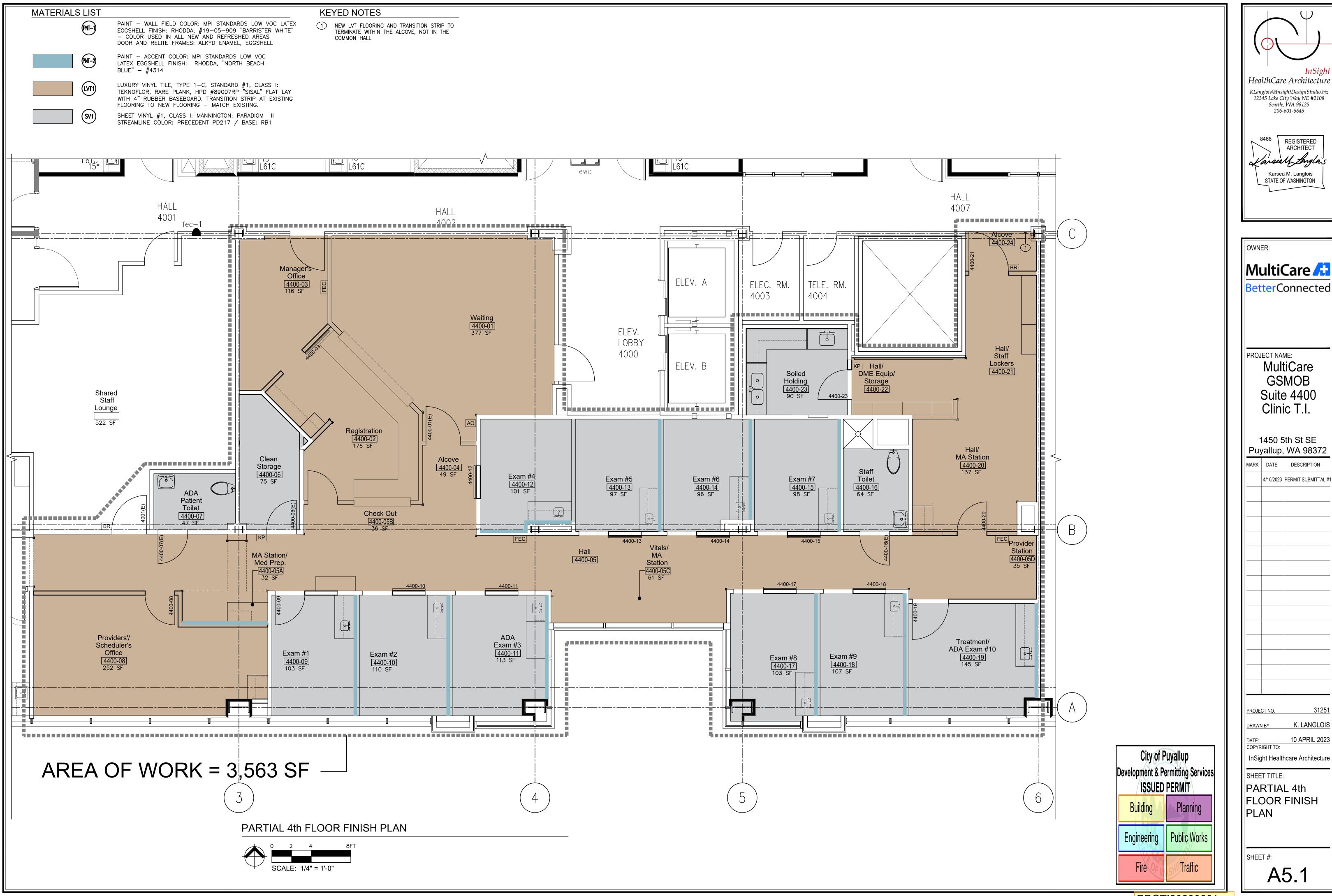
- DEMOLISH POCKET DOOR AND PORTION OF (E) WALL TO ACCOMMODATE NEW BARN SLIDING DOOR.
- DEMOLISH EXISTING WALL RETAIN EXISTING SOFFIT TO 6" BELOW CEILING GRID WHERE INDICATED ON REFLECTED CEILING PLAN
 DEMOLISH EXISTING DOOR AND FRAME
 DEMOLISH EXISTING CASEWORK
 DEMOLISH EXISTING FLOORING AND BASE
 DEMOLISH EXISTING CEILING
 REMOVE EXISTING LOCKERS - RETURN TO OWNER
 REMOVE EXISTING PLUMBING FIXTURE (SEE MECH)
 REMOVE EXISTING FLOOR DRAIN (SEE MECH)
 DEMOLISH EXISTING WALL
 DEMOLISH EXISTING LOW WALL
 DEMOLISH EXISTING GRAB BARS, PATCH AND PAINT WALL
- 13 DEMOLISH EXISTING WALL RETAIN EXISTING SOFFIT TO 12" BELOW CEILING GRID WHERE INDICATED ON REFLECTED CEILING PLAN











F	INISH SCHEDULE				1								1													
ROOM #	ROOM NAME	F MATL	LOORING FIN	CLR	BA FIN	SE CLR	MATL NC	ORTH WALL FIN	L CLR	E MATL	AST WALL	- CLR	MATL	OUTH WAL		MATL	WEST WALI		MATL	CEILING FIN	HEIGHT	CODED NOTES	WAIN MATL.	ISCOT HEIGHT	- WALL	ROOM
	WAITING	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"		_	-		4400-01
4400-02	REGISTRATION	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"	12	_	-	_	4400-02
4400-03 4400-04	MANAGER'S OFFICE ALCOVE	(E)CONC (E)CONC	LVT LVT	LVT1 LVT1	RB RB	RB1 RB1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	ACT1 (E)ACT1	FF FF	9'-6" 9'-6"	12		-		4400-03
4400-05	HALL	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"					4400-05
	MA STATION / MEDICATION PREPARATION	(E)CONC	LVT	LVT1	RB	RB1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-2		PT	PNT-1	(E)ACT1	FF	9'-6"		_	-	-	4400-054
1400-05B 1400-05C	CHECK OUT VITALS / MA STATION	(E)CONC	LVT LVT	LVT1 LVT1	RB RB	RB1 RB1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)ACT1 (E)ACT1	FF FF	9'-6" 9'-6"			-	-	4400-05
	PROVIDER STATION	(E)CONC (E)CONC	LVT	LVT1	RB	RB1	(E)GWB (E)GWB	PT	PNT-1	(E)GWB (E)GWB	PT	PNT-1	(E)GWB (E)GWB	PT	PNT=1 PNT=1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"		SWC1	40"		4400-050
	CLEAN STORAGE	(E)CONC	SV	SV1	RB	RB1	GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	ACT1	FF	9'-6"	12	_	-	_	4400-06
	ADA PATIENT TOILET	(E)CONC	SV	SV1	ICB	SV1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	(E)PT	9'-6"		_	_	_	4400-07
	PROVIDERS' / SCHEDULER'S OFFICE EXAM #1	(E)CONC (E)CONC	LVT SV	LVT1 SV1	RB RB	RB1 RB1	GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)GWB GWB	PT PT	PNT-1 PNT-2	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	ACT1 (E)ACT1	FF FF	9'-6" 9'-6"	12		- 40"	 	4400-08
	EXAM #2	(E)CONC	SV	SV1	RB	RB1	(E)GWB	PT	PNT-1	GWB	PT	PNT-2	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"		SWC1	40"	N,W,S	4400-10
	ADA EXAM #3	(E)CONC	SV	SV1	RB	RB1	(E)GWB	PT	PNT-1	GWB	PT	PNT-2	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"		SWC1	40"	N,W,S	4400-11
	EXAM #4	(E)CONC	SV	SV1	RB	RB1	(E)GWB	PT	PNT-1	GWB	PT	PNT-1	(E)GWB	PT	PNT-2	· · ·	PT	PNT-1	(E)ACT1	FF	9'-6"		SWC1	40"	E,W,S	4400-12
	EXAM #5 EXAM #6	(E)CONC	SV SV	SV1 SV1	RB RB	RB1 RB1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	GWB GWB	PT PT	PNT-2 PNT-2	(E)GWB	PT PT	PNT-1 PNT-1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	(E)ACT1 (E)ACT1	FF FF	9'-6" 9'-6"		SWC1 SWC1	40" 40"	N,W,S N,W,S	4400-13
	EXAM #0 EXAM #7	(E)CONC (E)CONC	SV SV	SV1	RB	RB1	(E)GWB (E)GWB	PT	PNT-1	GWB	PT	PNT-2 PNT-2	(E)GWB (E)GWB	PT	PNT=1 PNT=1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"		SWC1	40"	N,W,S	4400-14
4400-16	STAFF TOILET	(E)CONC	SV	SV1	ICB	RB1	(E)GWB	PT	PNT-1	GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)GWB	(E)PT	9'-6"		SWC1	40"	N,W,S	4400-16
4400-17	EXAM #8	(E)CONC	SV	SV1	RB	RB1	(E)GWB	PT	PNT-1	GWB	PT	PNT-2	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"		SWC1	40"	N,W,S	4400-17
	EXAM #9	(E)CONC	SV	SV1	RB	RB1	(E)GWB	PT	PNT-1	GWB	PT	PNT-2	(E)GWB	PT	PNT-1	(E)GWB	PT	PNT-1	(E)ACT1	FF	9'-6"		SWC1	40"	N,W,S	4400-18
	TREATMENT / ADA EXAM #10 HALL / MA STATION	(E)CONC (E)CONC		SV1 LVT1	ICB RB	SV1 RB1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	GWB GWB	PT PT	PNT-2 PNT-1	(E)GWB GWB	PT PT	PNT-1 PNT-1	(E)GWB (E)GWB	PT PT	PNT-1 PNT-1	ACT1 ACT1	FF FF	9'-6" 9'-6"	12	SWC1	40"	N,W,S	4400-19
	HALL / STAFF LOCKERS	(E)CONC	LVT	LVT1	RB	RB1	GWB	PT	PNT-1	GWB	PT	PNT-1	- Gwb	_		(E)GWB	PT	PNT-1	ACT1	FF	9'-6"	12	-			4400-21
4400-22	HALL / DME EQUIPMENT / STORAGE	(E)CONC	LVT	LVT1	RB	RB1	GWB	PT	PNT-1	-	-	_	(E)GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"	12	-	-		4400-22
	SOILED HOLDING	(E)CONC		SV1	ICB	SV1	GWB	PT	PNT-1	GWB	PT	PNT-1	(E)GWB	PT	PNT-1	GWB	PT	PNT-1	ACT1	FF	9'-6"	12	_	-	_	4400-23
4400-24	ALCOVE	(E)CONC	LVT	LVT1	RB	RB1	-	_	-	GWB	PT	PNT-1	GWB	PT	PNT-1	(E)GWB	PT	PNT-1	GWB	PT	9'-0"	12		-	-	4400-24
	IALS LIST																									
			LUXUI	RY VINYL T	ILE, TYPE	1-C, STAN	NDARD #1. (CLASS I:					FUSI		RTNER			TS OF	CONTA	CT INF	0					
ACT	ACOUSTICAL CEILING TILE – MATCH EXISTING, 24"x24"x3/4"	LVT1	TEKN(WITH	OFLOR, RAF 4" RUBBEE	RE PLANK, R BASEROA	HPD #890 RD TRANS	NDARD #1, (007RP "SISA SITION STRIP	AL" FLAT L	LAY TING		FUS	SION Partne	er	Co	ategory		FUSION Col	ntact		Email		Phone				
$\tilde{\mathbf{a}}$	CORNER GUARD: CONSTRUCTION SPECIALTIES,		FLOOF	RING TO NE	EW FLOORII	NG — MAT	CH EXISTING	Э.		-	V	Wood/AMEC		Civil	& Enviro Eng	5	Andy Clark			rk@woodplc		704.357.5630				
(CG1)	40" ABOVE FINISHED FLOOR (A.F.F.) X 2" CORNER	(SV1)	SHEE	VINYL #1	, CLASS I:		TON: PARADI 217 / BASE	IGM II : RR1		-		Armstrong CertainTeed			gs/Acoustics gs/Acoustics		Louis John Bernie Shalve		ljjohn@arı Bernard.g.sha	mstrongceilir lvey@saint-g	-	407.697.6768 704-779-7337				
	GUARD, 90 DEGREES,TO MATCH WALL CONDITION, COLOR ANTIQUE WHITE.						ES – COLOF					RockFon		Ceiling	gs/Acoustics		Diana Hart		Diana.h	art@rockfon	.com	860-338-6417				
(PNT-1)	PAINT – WALL FIELD COLOR: MPI STANDARDS LOW VOC	(RB1)	#193	BLACK B	ROWN" TO	SELECT F	ROM – USE	Ed in		-		USG Bohler			gs/Acoustics viro Engineeri		Blake Panno Dan Duke)		nno@usg.cor E@bohlerdc.c		515-707-9179 703-431-0013				
	LATEX EGGSHELL FINISH: RHODDA, #19–05–909 "BARRISTER WHITE" – COLOR USED IN ALL NEW AND	DOORS		REAS WITH			,					plex/Metasys Milliken	(Via JCI) F	Fire & Safety	, Bldg. Autom	nation	Eric Eley	lon	eric.	l.eley@jci.co	m	336.402.4907				
	REFRESHED AREAS DOOR AND RELITE FRAMES: ALKYD ENAMEL, EGGSHELL	DOOK2	WATCH	I IU EXISI	UNU							Milliken Shaw			looring	J.	ohn McCrudo Eric Scherei		eric.sche	udden@Millil erer@shawine	c.com	201.306.2569 469.878.0759				
PNT-2	PAINT - ACCENT COLOR: MPI STANDARDS LOW VOC											Tarkett HNI			looring urniture		Frank Wisem Brian Curtir			eman@tarke R@HNI-ONE.		704.728.9552 781.759.6859				
(PNT-2)	LATEX EGGSHELL FINISH: RHODDA, "NORTH BEACH BLUE" — #4314											Haworth		Fu	urniture		Chris Tornblo	m	Chris.Torn	blom@hawo	rth.com	214.243.0264				
	SYNTHETIC WALL COVERING #1: CONSTRUCTION										He	lerman Miller Carrier	·		urniture HVAC		Amanda Ryla Greg Josefch		amanda_ryla gregory.jos	nd@herman sefchuk@cari		484.645.4818 704-495-5941				
GWCI												Trane			HVAC		Bill Collar		BCol	lar@trane.co	m	843-834-2016				
SWC1)	SPECIALTIES TO 40" ABOVE FINISHED FLOOR (A.F.F.) WITH COLOR MATCHED CAULK, IN LIEU OF MATCHING											York (via JCI) GE Current			HVAC ng & Controls		Eric Eley Jeff Irish			l.eley@jci.co sh@gecurrer		336.402.4907 603.321.4935				
	WITH COLOR MATCHED CAULK, IN LIEU OF MATCHING TRIM. COLOR – ANTIQUE WHITE											SSR		MEP E	Engineering		Simon Gandi		sgand	ica@ssr-inc.c	om	832.570.6108				
(SWC1) (PL1)	WITH COLOR MATCHED CAULK, IN LIEU OF MATCHING	"									r	iska Honnoor	,		Fuginooring	1			~ ~ ~ ~ ~ ~	arc meucha	m	70/ 010 0710				
(PL1)	WITH COLOR MATCHED CAULK, IN LIEU OF MATCHING TRIM. COLOR – ANTIQUE WHITE PLASTIC LAMINATE #1 – BUILT–IN CASEWORK FACES (CABINETS/DRAWERS) LAMINATE: FORMICA "PECAN WOODLINE" #5883–58											/ska Hennessy Suddath	ý		Engineering /e Services		Alex Myers Bob Papuga			ers@syska.co ga@suddath.		704.910.8718 904.868.2168				
(PL1)	WITH COLOR MATCHED CAULK, IN LIEU OF MATCHING TRIM. COLOR – ANTIQUE WHITE PLASTIC LAMINATE #1 – BUILT-IN CASEWORK FACES (CABINETS/DRAWERS) LAMINATE: FORMICA "PECAN WOODLINE" #5883-58 SOLID SURFACE #1: CORIAN: "SAVANNAH" – USED IN EXAM									-		Suddath erwin William		Mov Paint	ve Services		Bob Papuga Mark Spillma	in	RPapug Mark.D.Spi	ga@suddath. Ilman@sherv	com win.com	904.868.2168 216. 906.6251				
(PL1) (SS1)	WITH COLOR MATCHED CAULK, IN LIEU OF MATCHING TRIM. COLOR – ANTIQUE WHITE PLASTIC LAMINATE #1 – BUILT-IN CASEWORK FACES (CABINETS/DRAWERS) LAMINATE: FORMICA "PECAN WOODLINE" #5883–58 SOLID SURFACE #1: CORIAN: "SAVANNAH" – USED IN EXAM ROOMS									-	She	Suddath erwin William GAF ohns Manville	15	Mov Paint R R	ve Services & Coatings Roofing Roofing		Bob Papuga Mark Spillma Karyn Castro Brad Burdio	a and a and a second se	RPapug Mark.D.Spi karyn. Brad.l	ga@suddath. illman@sherv castro@gaf.c Burdic@jm.cc	com win.com com om	904.868.2168 216.906.6251 562.412.8154 303.809.4519				
(PL1)	WITH COLOR MATCHED CAULK, IN LIEU OF MATCHING TRIM. COLOR – ANTIQUE WHITE PLASTIC LAMINATE #1 – BUILT-IN CASEWORK FACES (CABINETS/DRAWERS) LAMINATE: FORMICA "PECAN WOODLINE" #5883-58 SOLID SURFACE #1: CORIAN: "SAVANNAH" – USED IN EXAM	TIONS									She	Suddath erwin William GAF	15	Mov Paint R R	ve Services & Coatings Roofing		Bob Papuga Mark Spillma Karyn Castro	a and a and a second se	RPapug Mark.D.Spi karyn. Brad.l	ga@suddath. Ilman@sherv castro@gaf.c	com win.com com om	904.868.2168 216.906.6251 562.412.8154				

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.
- 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

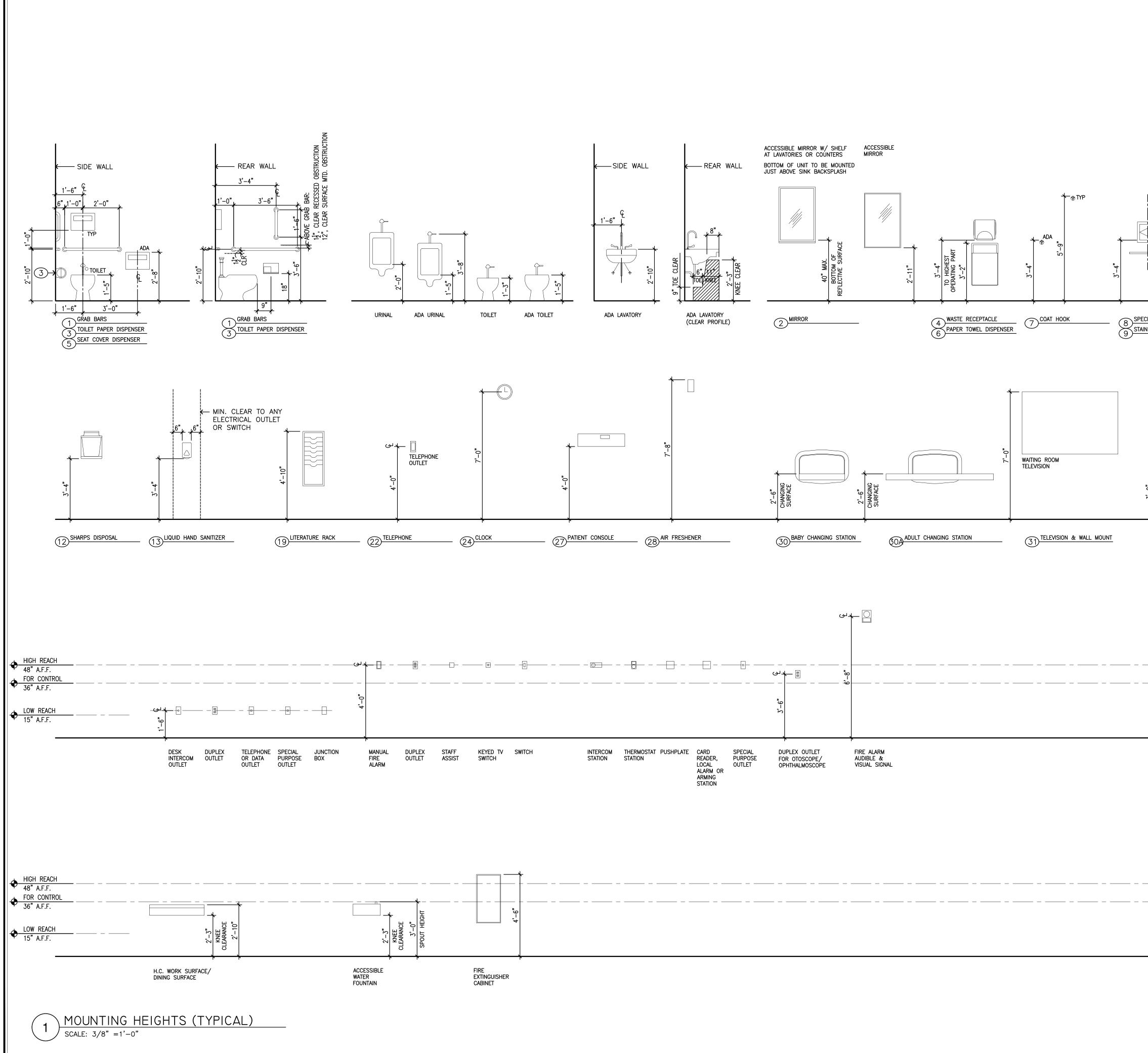
1 NEW FLOORING

2 NEW CEILING

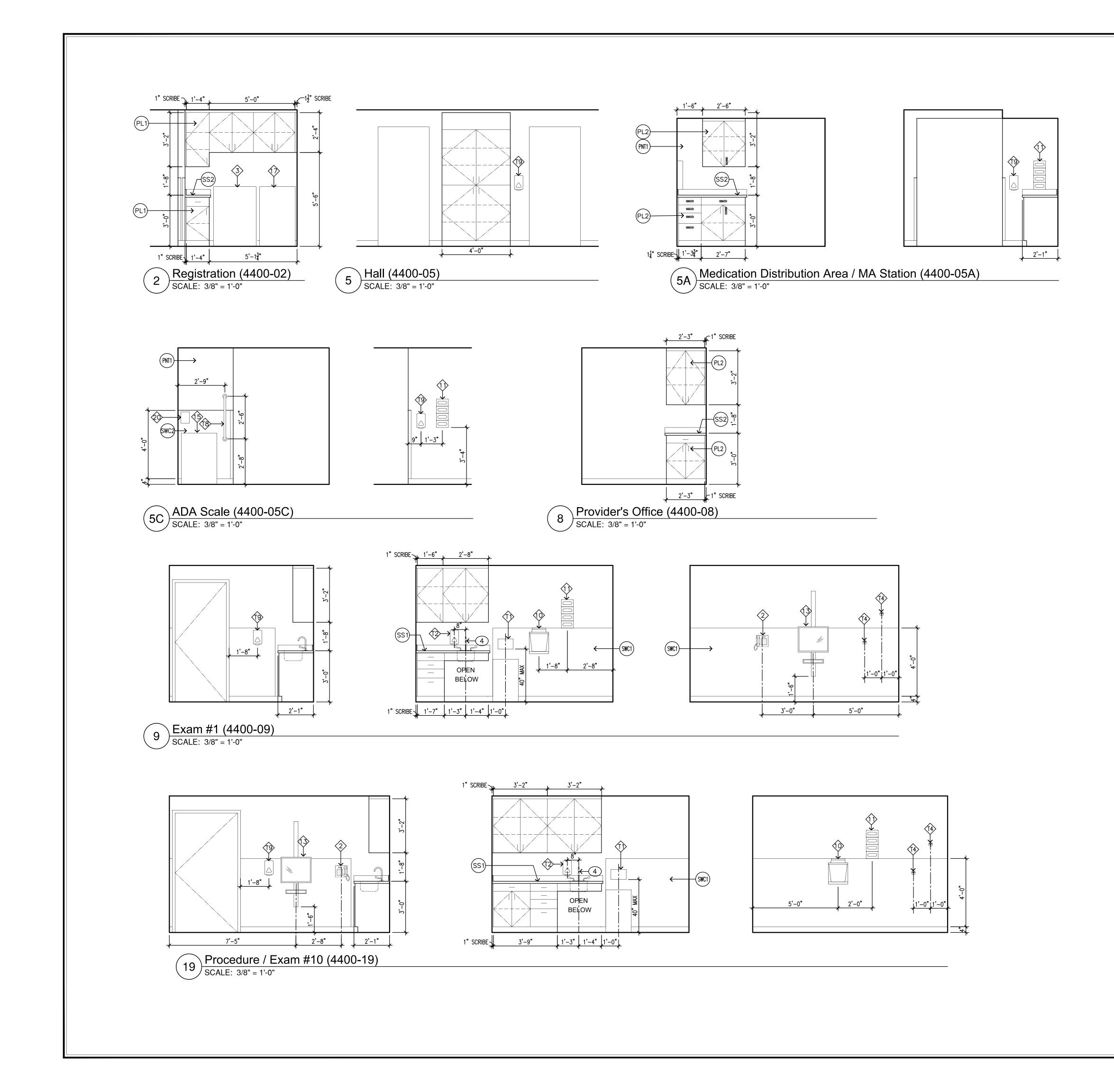
ABBREVIATIONS

ADJ	ADJUSTABLE
AC	ACOUSTIC TREATMENT
ACC	ACCORDION DOOR
ACT	ACOUSTICAL CEILING TILE AMERICANS WITH DISABILITIES
ADA AV	AMERICANS WITH DISABILITIES AUDIO/VISUAL
AWC	ACOUSTICAL WALLCOVERING
AWP	ACOUSTICAL WALL PANEL
BD	BOARD
BRK	BRICK
BROOM CAB	LIGHT BROOM FINISH (CONCRETE) CABINET
CG	CORNER GUARD
CLR	COLOR
CK CMU	CORK CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CT	CERAMIC TILE
CS CSV	CONCRETE, SEALED COVED SHEET VINYL
DF	DRINKING FOUNTAIN
(E)	EXISTING
EP	EPOXY PAINT
EX–S FF	EXPOSED STRUCTURE FACTORY FINISH
FIN	FINISH
FLR	FLOOR
FRP	FIBERGLASS REINFORCED PLASTIC
GMU GYP	GLAZED MASONRY UNIT GYPSUM WALL BOARD
GWB	GYPSUM WALLBOARD
MATL	MATERIAL
MDF MTL	MEDIUM DENSITY FIBERBOARD METAL
MTL-S	METAL SIDING
MASN	MASONRY
NIC	NOT IN CONTRACT
NTS OC	NOT TO SCALE ON CENTER
OP	OPERABLE PARTITION
PLAM	PLASTIC LAMINATE
PL	PLASTIC LAMINATE
PLA PNL	PLASTER PANEL
PR(#)	PROJECTION SCREEN (LENGTH)
PT	PAINT
PTD PWD	PAPER TOWEL DISPENSER PLYWOOD
RB	RUBBER BASE
RF	RUBBER FLOORING
RC SD	ROLL-UP CURTAIN LIQUID SOAP DISPENSER
SEM	SURFACE-MOUNTED ENTRY MAT
SF	STOREFRONT
SV	
TO (11)	SHEET VINYL
	SHEET VINYL TACK BOARD (LENGTH)
TBS	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED
TBS TG	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED
TBS TG TP	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION
TBS TG TP TYP	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL
TBS TG TP TYP UNO	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE
TBS TG TP TYP UNO UPT	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL
TBS TG TP TYP UNO UPT V VCT	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE
TBS TG TP TYP UNO UPT V VCT VP	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER
TBS TG TP TYP UNO UPT V VCT VP VWC	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING
TP TYP UNO UPT V VCT VP	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER
TBS TG TYP UNO UPT V VCT VP VWC WB(#) WD WOM	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING WHITE BOARD (LENGTH) WOOD WALK OFF MAT
TBS TG TYP UNO UPT V VCT VP VWC WB(#) WD WOM	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING WHITE BOARD (LENGTH) WOOD WALK OFF MAT WATER-RESISTANT GYP BD
TBS TG TYP UNO UPT V VCT VP VWC WB(#) WD WOM	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING WHITE BOARD (LENGTH) WOOD WALK OFF MAT WATER-RESISTANT GYP BD City of Puyallup
TBS TG TYP UNO UPT V VCT VP VWC WB(#) WD WOM	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING WHITE BOARD (LENGTH) WOOD WALK OFF MAT WATER-RESISTANT GYP BD City of Puyallup Development & Permitting Services
TBS TG TYP UNO UPT V VCT VP VWC WB(#) WD WOM	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING WHITE BOARD (LENGTH) WOOD WALK OFF MAT WATER-RESISTANT GYP BD City of Puyallup
TBS TG TYP UNO UPT V VCT VP VWC WB(#) WD WOM	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING WHITE BOARD (LENGTH) WOOD WALK OFF MAT WATER-RESISTANT GYP BD City of Puyallup Development & Permitting Services
TBS TG TYP UNO UPT V VCT VP VWC WB(#) WD WOM	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING WHITE BOARD (LENGTH) WOOD WALK OFF MAT WATER-RESISTANT GYP BD City of Puyallup Development & Permitting Services ISSUED PERMIT
TBS TG TYP UNO UPT V VCT VP VWC WB(#) WD WOM	SHEET VINYL TACK BOARD (LENGTH) TO BE SELECTED TONGUE & GROOVE CEDAR, STAINED TOILET PARTITION TYPICAL UNLESS NOTED OTHERWISE UNGLAZED PORCELAIN TILE VOLUME VINYL COMPOSITION TILE VENEER PLASTER VINYL WALLCOVERING WHITE BOARD (LENGTH) WOOD WALK OFF MAT WATER-RESISTANT GYP BD City of Puyallup Development & Permitting Services ISSUED PERMIT Building Planning

KLang 1234	lois@Insi 5 Lake Ci Seattle, 206- 466 466 Karsea	InSight e Architecture ghtDesignStudio.biz ity Way NE #2108 WA 98125 601-6645 REGISTERED ARCHITECT ULAGUAS M. Langlois WASHINGTON
	ultiQ	Care 🔝 onnected
1	GS Suite Clini 450 5	tiCare MOB e 4400 c T.I.
Puy	allup,	WA 98372
MARK	DATE	DESCRIPTION
	4/10/2023	PERMIT SUBMITTAL #1
		21251
PROJEC	T NO.	31251
DRAWN	BY:	K. LANGLOIS
DATE: COPYRI		10 APRIL 2023
		ncare Architecture
SHEE	TTITLE:	
FINI SCH	SH IEDl	JLE
SHEE	_	5.2



		InSight HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645 8466 REGISTERED Architect Karsea M. Langlois STATE OF WASHINGTON
2'-8" 3'-4" 3'-4" + 3'-4" +		OWNER: MultiCare
ECIMEN PASS-THRU AINLESS STEEL SHELF	-	BetterConnected
DRY-ERASE BOARD OR TACKBOARD DRY-ERASE BOARD		PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I. 1450 5th St SE Puyallup, VXA 98372 MARK DATE DESCRIPTION 4/10/2023 PERMIT SUBMITTAL #1
		PROJECT NO. 31251 DRAWN BY: K. LANGLOIS
	City of Puyallup Development & Permitting Services ISSUED PERMIT Building Planning	DATE: 10 APRIL 2023 COPYRIGHT TO: InSight Healthcare Architecture SHEET TITLE: TYPICAL MOUNTING
	EngineeringPublic WorksFireTraffic	HEIGHTS SHEET #: A6.0



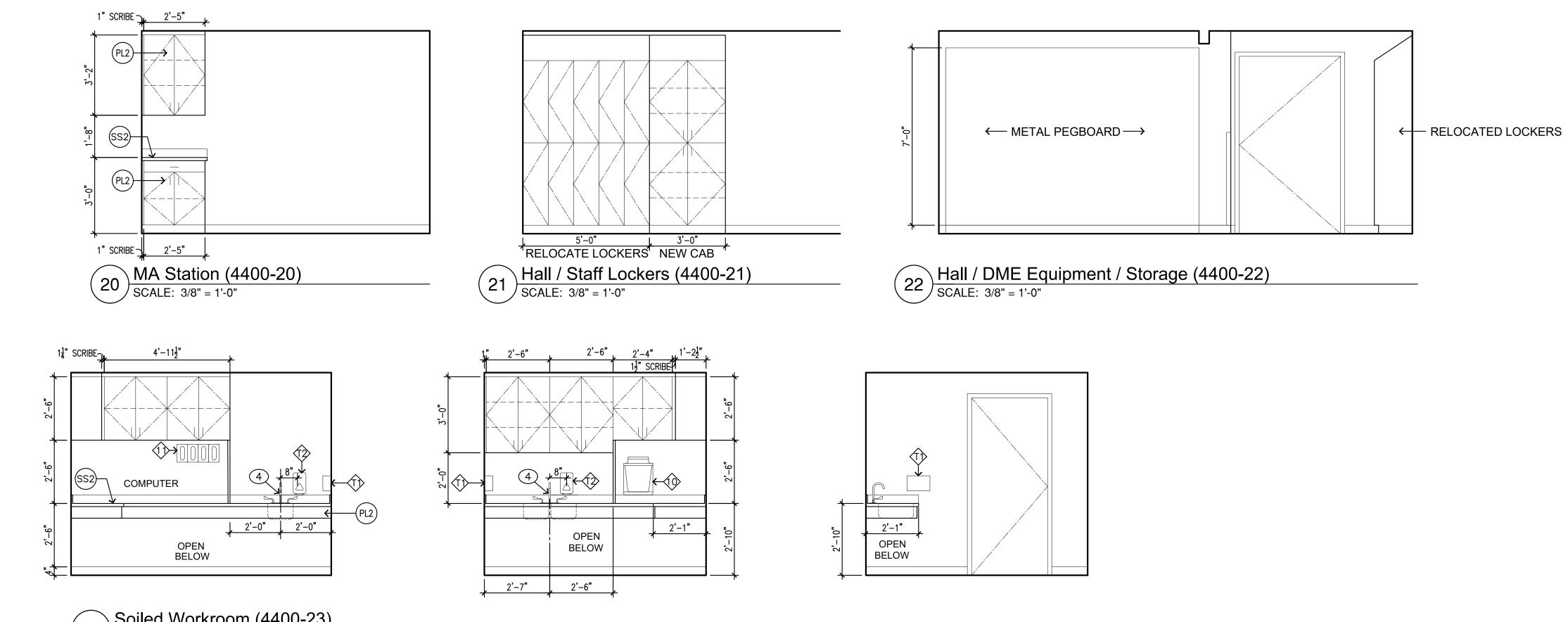
EQUIPMENT NOTES:

all t#	ITEMS ARE CFCI, EXCEPT AS NOTED
$\overleftarrow{\mathbb{T}}$	PAPER TOWEL DISPENSER – BOBRICK TRI-FOLD #B2621
$\langle 2 \rangle$	LIQUID SOAP DISPENSER
$\overrightarrow{3}$	GRAB BAR – BOBRICK #B–6806, LENGTH PER INTERIOR ELEVATIONS
4	COAT / ROBE HOOK – BOBRICK #B-76717
$\overline{(5)}$	LIQUID HAND SANITIZER

(O.F.O.I.) ITEMS, EXCEPT AS NOTED: COMPUTER TELEPHONE (2) COPY/PRINTER/SCANNER SIT-TO-STAND DESK TASK STOOL (5) PAPER SHREDDER PEDESTAL FILE <7> $\langle 8 \rangle$ TASK CHAIR EXAM TABLE (9) SHARPS CONTAINER (O.F.C.I.) GLOVE RACK (C.F.C.I.) PATIENT STRETCHER (12> WALL-MOUNTED WORKSTATION (O.F.C.I.) WASTE CONTAINER <14> (15> ADA PATIENT SCALE (O.F.C.I.) STADIOMETER (O.F.C.I.) (16> COPY/PRINTER/SCANNER & STAND DYNAMAP (18) TABLE AND CHAIRS $\langle 19 \rangle$ SANITIZING WIPES (O.F.C.I.) $\langle 20 \rangle$ ULTRASOUND MACHINE $\langle 2 \rangle$ WIRE RACK SHELVING (O.F.C.I.) $\langle 2 \rangle$

City of P Development & Pe ISSUED	ermitting Services
Building	Planning
Engineering	Public Works
Fire	Traffic

InSight HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645
OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.
1450 5th St SE Puyallup, WA 98372MARKDATEDESCRIPTION4/10/2023PERMIT SUBMITTAL #1
PROJECT NO.31251DRAWN BY:K. LANGLOISDATE:10 APRIL 2023COPYRIGHT TO:In Sight Healthcare ArchitectureSHEET TITLE:SHEET TITLE:INTERIORELEVATIONS
SHEET #: A6.1



23 Soiled Workroom (4400-23) SCALE: 3/8" = 1'-0"

EQUIPMENT NOTES:

ALL T#	ITEMS ARE CFCI, EXCEPT AS NOTED
$\langle T \rangle$	PAPER TOWEL DISPENSER – BOBRICK TRI-FOLD #B2621
$\langle 2 \rangle$	LIQUID SOAP DISPENSER
$\hat{\langle}$	GRAB BAR – BOBRICK #B–6806, LENGTH PER INTERIOR ELEVATIONS
$\langle 4 \rangle$	COAT / ROBE HOOK – BOBRICK #B-76717
$\overline{(5)}$	LIQUID HAND SANITIZER

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

<u>(</u>	/ ··· =···· ·· ··· ··· ·· ·· ·· ·· ·· ··
$\langle 1 \rangle$	COMPUTER
$\langle 2 \rangle$	TELEPHONE
3	COPY/PRINTER/SCANNER
4	SIT-TO-STAND DESK
5	TASK STOOL
6	PAPER SHREDDER
$\overline{\mathbf{A}}$	PEDESTAL FILE
8	TASK CHAIR
9	EXAM TABLE
10	SHARPS CONTAINER (O.F.C.I.)
$\langle 1 \rangle$	GLOVE RACK (C.F.C.I.)
12	PATIENT STRETCHER
13	WALL-MOUNTED WORKSTATION (O.F.C.I.)
$\overline{14}$	WASTE CONTAINER
15	ADA PATIENT SCALE (O.F.C.I.)
16	STADIOMETER (O.F.C.I.)
$\langle \rangle$	COPY/PRINTER/SCANNER & STAND
18	DYNAMAP
19	TABLE AND CHAIRS
$\langle 0 \rangle$	SANITIZING WIPES (O.F.C.I.)
$\langle 2 \rangle$	ULTRASOUND MACHINE
$\langle 2 \rangle$	WIRE RACK SHELVING (O.F.C.I.)

City of P Development & Pe ISSUED	ermitting Services
Building	Planning
Engineering	Public Works
Fire	Traffic

KLan 123	glois@Insi 45 Lake Cr Seattle, 206- 3466 Asaca Karsea	InSight e Architecture ghtDesignStudio.biz ity Way NE #2108 WA 98125 601-6645 REGISTERED ARCHITECT Manglas a M. Langlois WASHINGTON
	ultiQ	Care 🚠 onnected
Puy	GS Suite Clini 1450 5 /allup,	ME: tiCare MOB e 4400 c T.I. oth St SE WA 98372
MARK	DATE 4/10/2023	DESCRIPTION PERMIT SUBMITTAL #1
	CT NO.	31251
DRAWN DATE: COPYR InSig SHEE	IGHT TO: IGHT TO: Iht Health TT TITLE: TERIC	K. LANGLOIS 10 APRIL 2023 ncare Architecture
SHEE		6.2

DOOR SCHEDULE

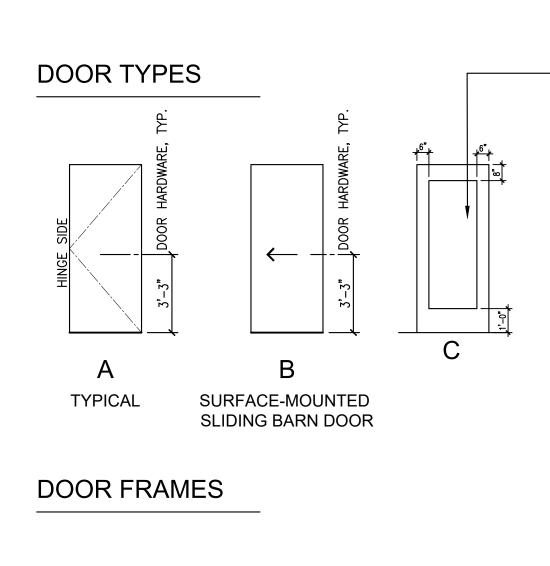
		DOOR		T	1	1		FRAME	<u> </u>		DETAIL		Gl	AZING	FIRE RATING	LEAD SHIELDING				HA	ARDWA	RE SO		LE		1		NOTE
NUMBER	CLASS	SIZE	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB	THRESHOLD	TYPE	RATING		STILLEDING	HINGES	LOCK	CYLINDER	CLOSER	WALL STOP	OVERHEAD STOP	DOOR SILENCERS	PANIC	KICKPLATE	MAGNETIC HOLD-OPEN	FINISH	
00–01(E)	EXIST	3'-0" X 7'-0"	_	_	_	-	_	-	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	1, 2
400-03	NEW	3'-0" X 7'-0"	1 3 "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	_	Y	Y	Ν	N	N	N	Ν	N	N	DC	
-00-06(E)	EXIST	3'-0" X 7'-0"	-	-	-	-	-	-	-	_	_	_	-	_	_	_	_	_	_	Y	-	-	-	_	-	-	_	3
-00–07(E)	EXIST	3'-0" X 7'-0"	-	-	-	-	-	-	-	_	_	_	-	_	_	_	_	_	_	Y	-	-	-	_	-	-	_	
4400-08	NEW	3'-0" X 7'-0"	1 3 "	A	WD	WS	F-1	НМ	MP	2/A7.0	1/A7.0	_	N/A	N/A	NR	N	3	Ν	N	N	Y	N	Y	N	N	N	DC	
1400-09	NEW	3'-0" X 7'-0"	1 3 "	Α	WD	WS	F-1	НМ	MP	2/A7.0	1/A7.0	_	N/A	N/A	NR	N	3	Ν	N	Ν	Y	N	Y	N	N	N	DC	
4400-10	NEW	3'-0" X 7'-0"	1 <u>3</u> "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	_	Ν	Ν	Ν	N	N	N	Ν	N	N	DC	
4400-11	NEW	3'-0" X 7'-0"	1 <u>3</u> "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	_	Ν	Ν	Ν	N	N	N	Ν	N	N	DC	
1400-12	NEW	3'-0" X 7'-0"	1 <u>3</u> "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	_	Ν	Ν	Ν	N	N	N	Ν	N	N	DC	
4400-13	NEW	3'-0" X 7'-0"	1 <u>3</u> "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	-	Ν	N	N	N	N	N	N	N	N	DC	
4400-14	NEW	3'-0" X 7'-0"	1 <u>3</u> "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	-	Ν	N	N	N	N	N	N	N	N	DC	
4400-15	NEW	3'-0" X 7'-0"	1 <u>3</u> "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	-	Ν	Ν	N	N	N	N	N	N	N	DC	
400–16(E)	EXIST	3'-0" X 7'-0"	-	-	-	-	-	-	-	_	_	_	_	_	_	_	-	_	_	Y	-	_	_	_	_	-	_	
4400-17	NEW	3'-0" X 7'-0"	1 <u>3</u> "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	-	Ν	N	N	N	N	N	N	N	N	DC	
4400-18	NEW	3'-0" X 7'-0"	1 <u>3</u> "	В	WD	WS	-	-	-	BM	BM	_	N/A	N/A	NR	N	-	Ν	N	N	N	N	N	N	N	N	DC	
400-19	NEW	3'-8" X 7'-0"	1 <u>3</u> "	Α	WD	WS	F-1	НМ	MP	2/A7.0	1/A7.0	_	N/A	N/A	NR	N	3	Ν	N	Ν	Y	N	Y	Ν	N	N	DC	
4400-20	NEW	3'-0" X 7'-0"	1 <u>3</u> "	С	WD	WS	F-1	НМ	MP	2/A7.0	1/A7.0	_	СТ	NR	NR	N	3	Ν	N	N	Y	N	Y	N	N	N	DC	4
4400-21	NEW	3'-0" X 7'-0"	1 <u>3</u> "	Α	WD	WS	F-1	НМ	MP	2/A7.0	1/A7.0	_	N/A	N/A	NR	N	3	Y	Y	Y	Y	N	Y	Y	N	N	DC	5
4400-23	EXIST	3'-0" X 7'-0"	1 <u>3</u> "	A	WD	WS	F-1	НМ	MP	2/A7.0	1/A7.0	_	N/A	N/A	NR	N	3	Y	Y	Y	N	Y	Y	N	N	N	DC	3
4001(E)	EXIST	3'-6" X 7'-0"	-	_	-	-	-	-	-	_	_	_	_	_	_	_	_	_	_	Y	_	-	-	_	_	-	-	5
																		_		_				_				
																										,		
									_ G	ENERAL:	(E)	FXIS	TING															
		EADER TO REMAIN							•			NO							GLAZIN			CW			AR WI			

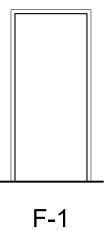
3. NEW CIPHER LOCK – TRILOGY T2 LOCKSET (SL2700IC STANDARD) 4. INSTALL SIGN "DOOR TO REMAIN UNLOCKED DURING BUSINESS

HOURS."

5. NEW BADGE READER AND ELECTRIC STRIKE

GENERAL:	(E) N N/A Y	EXISTING NO NOT APPLICABLE YES
THICKNESS:	TYPICAL BM 0	ALL DOORS 1 ³ " UNLESS OTHERWISE INDICATED BY MANUFACTURER THICKNESS TO MATCH EXIST. FRAME (VERIFY)
MATERIAL:	SC HM AG WV	SOLID CORE WOOD (TYPICAL) HOLLOW METAL ALUMINUM AND GLASS WOOD PANEL/VINYL
FINISH:	PLAM MP AA BM NF WS	PLASTIC LAMINATE – WHITE MAPLE METAL, PAINTED ANODIZED ALUMINUM, MILL FINISH BY MANUFACTURER NATURAL FINISH (SYNTHETIC) WOOD, STAINED





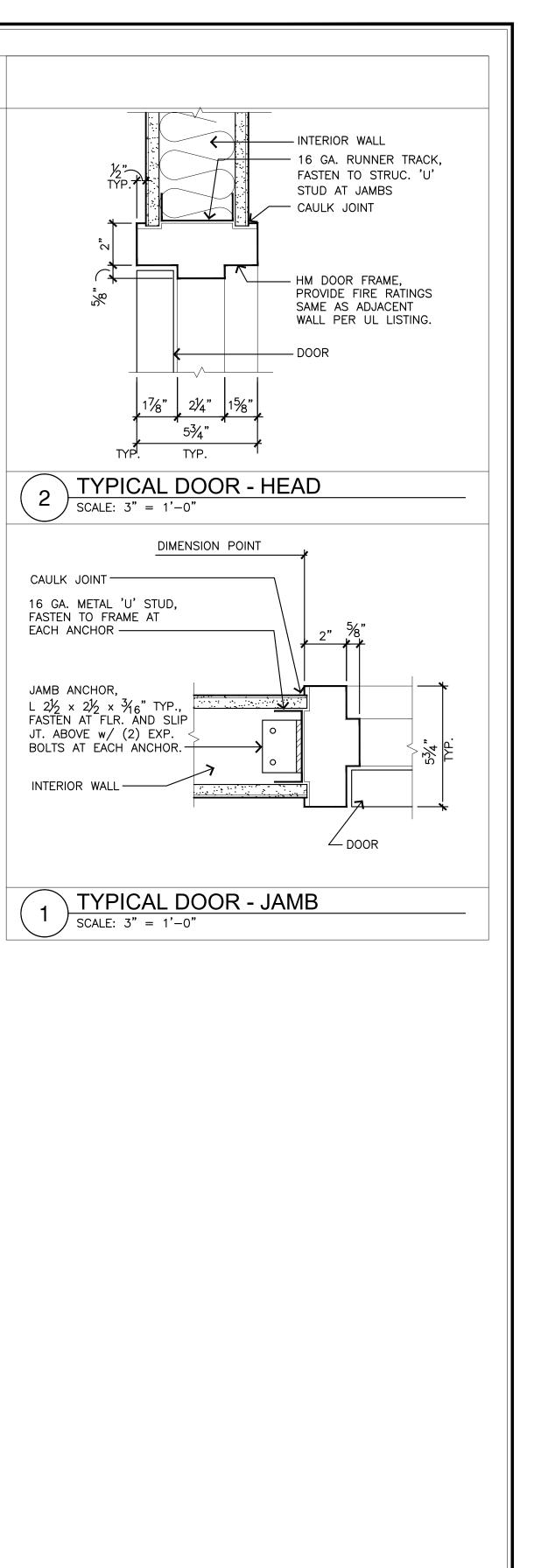
GENERAL NOTES

- 1. ALL DOORS TO BE $1\frac{3}{4}$ " THICK, UNLESS NOTED OTHERWISE.
- 2. DOOR GLAZING COLUMN REFERS TO DOOR, SIDELIGHT AND TRANSOM.
- 3. LABEL COLUMN NUMBER INDICATES THE RATING IN MINUTES, UNLESS NOTED OTHERWISE.
- 4. GLAZING DIMENSIONS FOR DOOR TYPES ARE TO INSIDE OF FRAME (CLEAR GLAZING AREA).
- 5. RELITE GLAZING AND STOP TO OCCUR ON CORRIDOR/HALLWAY SIDE OF FRAME, UNLESS NOTED OTHERWISE.
- 6. STRIKE JAMB DETAIL IS SIMILAR TO HINGE JAMB DETAIL, UNLESS NOTED OTHERWISE.
- 7. VERIFY WALL CONSTRUCTION FOR FRAME DEPTH.
- 8. ALL DOOR HARDWARE SHOULD COMPLY WITH 'ADA' REQUIREMENTS. SEE SPEC FOR HARDWARE SET INFORMATION.
- 9. VERIFY EXISTING WALL CONSTRUCTION FOR FRAME DEPTHS.
- 10. SEE DETAIL 19/A8.1 FOR MANEUVERING CLEARANCES AT DOORS.

11. ALL DOORS SHALL BE FINISHED IN SIERRA 20, ON WHITE MAPLE DOORS (OREGON DOOR OR APPROVED EQUAL).

GLAZING:	CW	CLEAR WIRE
	CT	CLEAR TEMPERED
	TT	TINTED TEMPERED
	FL	FIRELITE
	VC	VISION CONTROL (INTEGRAL BLINDS)
	LC	LEAD SHIELDING
FIRE RATING:	20, 60, 90	MIN. 1, $1\frac{1}{2}$ HOUR, ETC. – INDICATES LABEL
FRAME:	НМ	HOLLOW METAL
	AL	ALUMINUM
	S	STEEL
	BM	BY MANUFACTURER
	0	EXISTING FRAME TO REMAIN. PAINT TO MATCH ADJACENT WALL.
	WD	WOOD, PAINTED
HARDWARE:	DC	DULL CHROME

SAFETY GLAZING PASS HUMAN IMPACT TEST 062408.1



\downarrow
InSight HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645
8466 REGISTERED ARCHITECT Karsea M. Langlois STATE OF WASHINGTON
OWNER: MultiCare BetterConnected
PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.
1450 5th St SE Puyallup, WA 98372MARKDATEDESCRIPTION4/10/2023PERMIT SUBMITTAL #1
PROJECT NO. 31251 DRAWN BY: K. LANGLOIS
DATE: 10 APRIL 2023 COPYRIGHT TO: InSight Healthcare Architecture SHEET TITLE: DOOR SCHEDULE, &
DETAILS SHEET #: A7.0

PRCTI20230601

City of Puyallup

Development & Permitting Services

ISSUED PERMIT

Planning

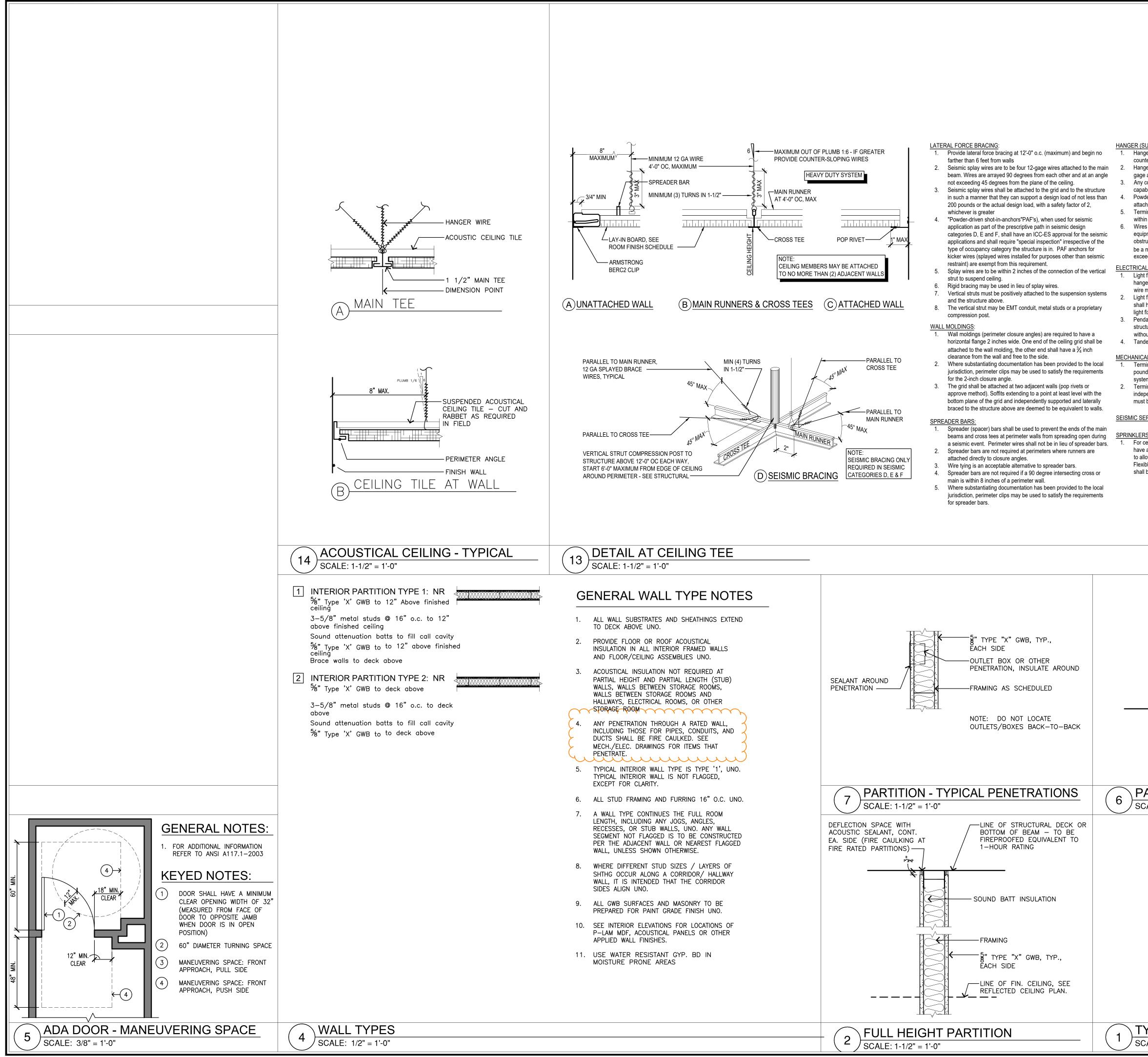
Public Works

Traffic

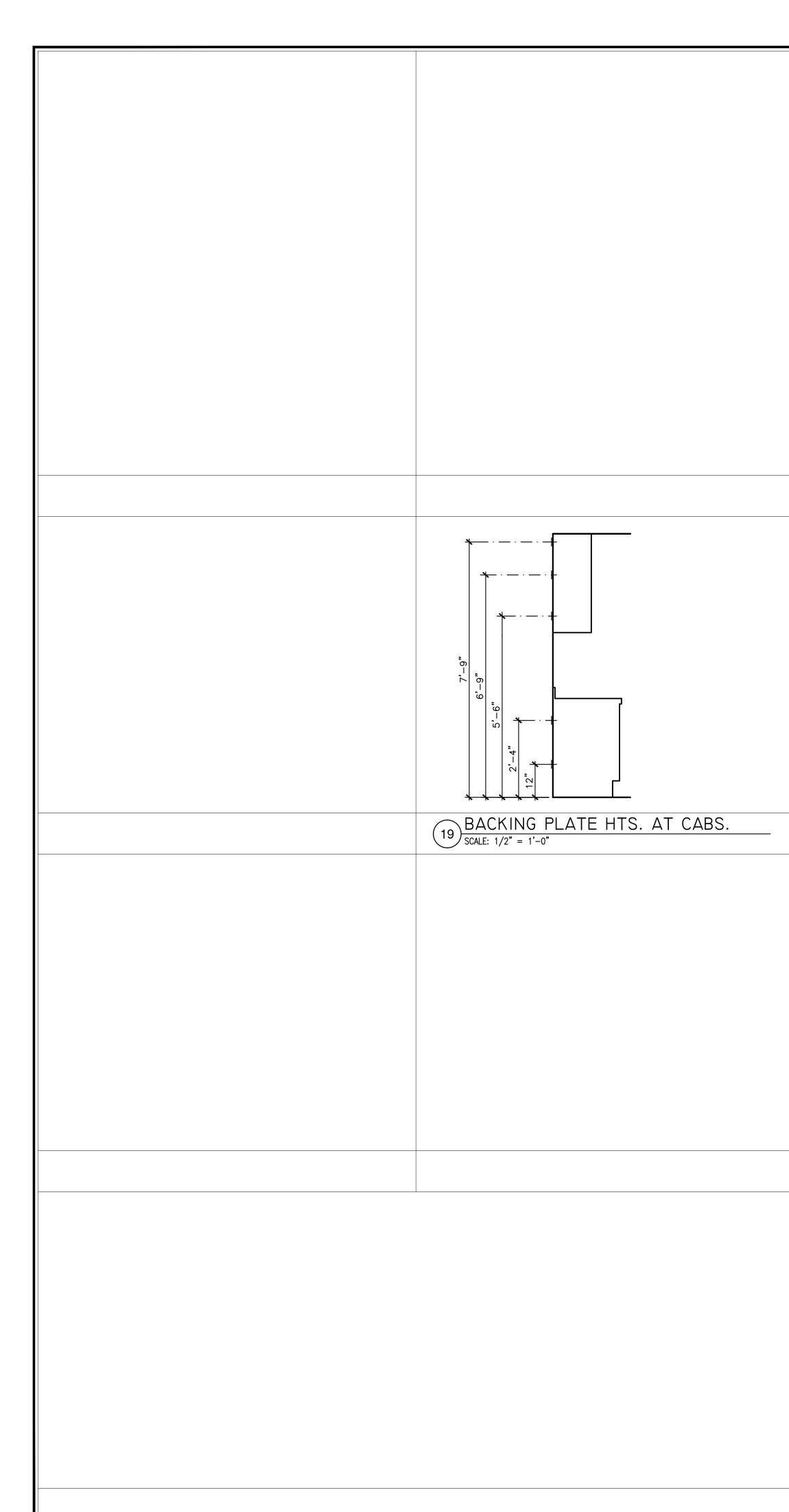
Building

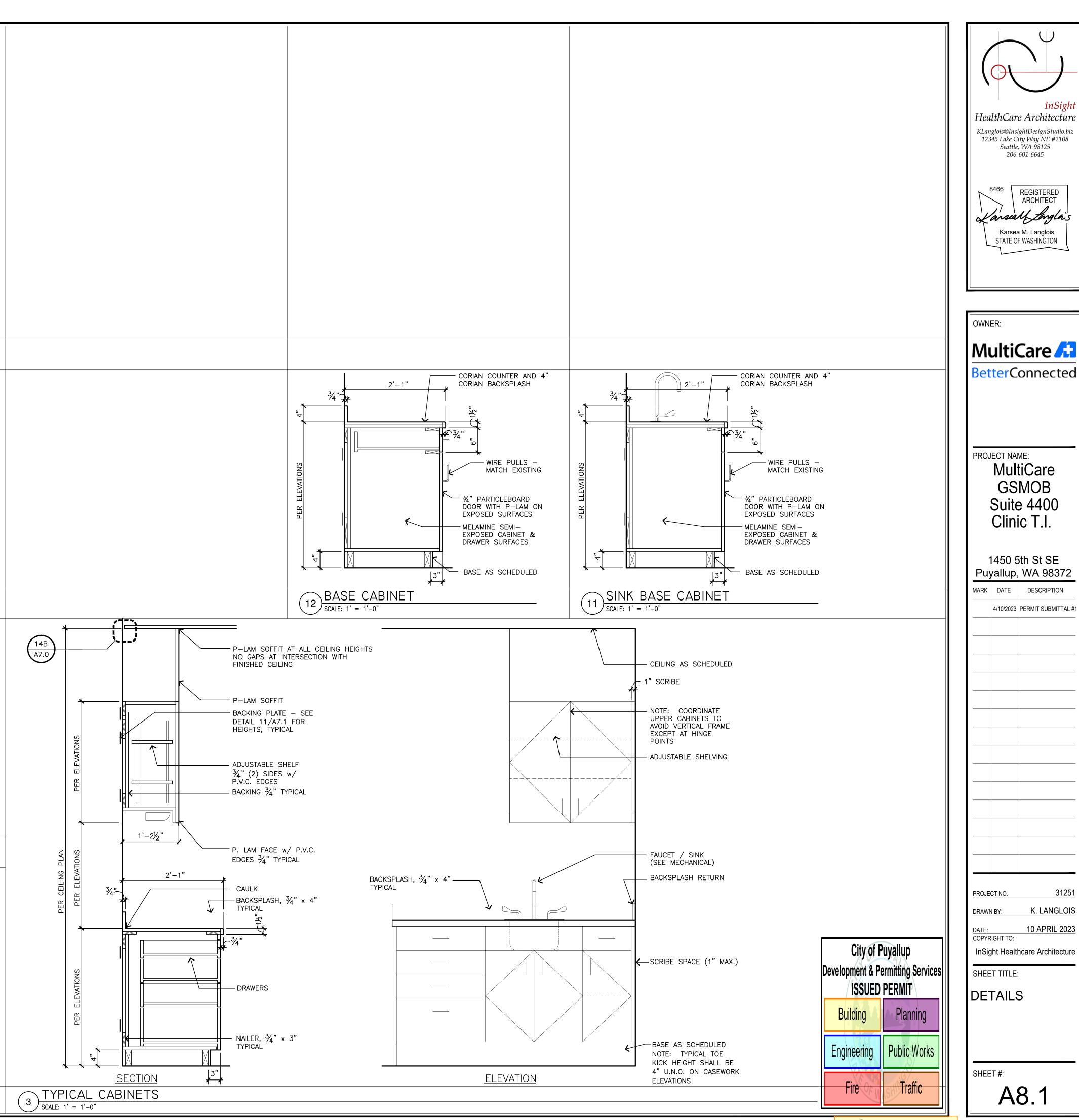
Engineering

Fire



HANGER (SUSPENSION) WIRES: 0 1. Hanger and perimeter wires must be plumb within 1 in 6 unless counter slopping wires are provided. nain 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. nain 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			InSight HealthCare Architecture KLanglois@InsightDesignStudio.biz 12345 Lake City Way NE #2108 Seattle, WA 98125 206-601-6645
cal <u>ELECTRICAL FIXTURES:</u> 1. Light fixtures weighing less than 10 pounds shall have one 12 gage			
 hanger wire connected from the fixture to the structure above. This wire may be slack. Light fixtures weighing more than 10 pounds and less than 56 pounds shall have two 12 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 without using the ceiling suspension system for direct support. Tandem fixtures may utilize common wires. 			BetterConnected
 MECHANICAL SERVICES: al 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 			
 independently supported directly to the structure above. These wires must be taut. s. <u>SEISMIC SEPARATION JOINTS</u>: Not Applicable 			PROJECT NAME:
ain ing <u>SPRINKLERS:</u> ars. 1. 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.			MultiCare GSMOB Suite 4400 Clinic T.I.
IS			1450 5th St SE
			Puyallup, WA 98372
			4/10/2023 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"	_		
PLAN GRAPHICS SUBSTRATE: 3–5/8" METAL STUDS © 16" O.C.			PROJECT NO. 31251 DRAWN BY: K. LANGLOIS DATE: 10 APRIL 2023
ACOUSTICAL BATT INSUL, TYP.	City of P		COPYRIGHT TO: InSight Healthcare Architecture
5/8" GYP BD NOTE: 1-HOUR CONSTRUCTION WHERE SHOWN RATED ON CODE PLANS	Development & Pe ISSUED I Building		SHEET TITLE: WALL TYPES, DETAILS
SEE SHEATHING / FURRING TYPE MODIFIERS FOR ALTERNATE OR ADDITIONAL SHEATHING DESCRIPTIONS	Engineering	Public Works	
	Fire	Traffic	SHEET #:
1 TYPICAL INTERIOR WALL SCALE: 1" = 1'-0"			A8.0





	GENERAL LEGEND		ABBREV	/ΙΔΤΙΛΝΟ			AIR DIST	RIBUTION LEGEND
SYMBOL	DESCRIPTION	ABBR		ABBR	DESCRIPTION	SYMBOL	AIR DIST	DESCRIPTION
AB	DETAIL SYMBOL: $A = IDENTIFYING NUMBER$ B = SHEET WHERE DETAIL IS SHOWN	ABV AD AHU	ABOVE ACCESS DOOR AIR HANDLING UNIT	L LAT LBS	LENGTH LEAVING AIR TEMPERATURE POUNDS			LIGHT LINEWORK INDICATES EXISTING DUCT OR EQUIPMENT
A B C	DETAIL SYMBOL: A = IDENTIFYING NUMBER B = SHEET WHERE DETAIL IS TAKEN C = SHEET WHERE DETAIL IS SHOWN	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			INDICATES DUCT OR EQUIPMENT TO BE REMOVED
	SECTION SYMBOL: $A = IDENTIFYING LETTER$	ARV ARW	AUTOMATIC RELIEF VALVE or ACID RESTISTANT VENT ACID RESTISTANT WASTE	LWT MAX MBH	LEAVING WATER TEMPERATURE MAXIMUM 1000 BRITISH THERMAL	5 18x12 5 18x12		DUCT SIZE IN INCHES FIRST SIZE LISTED IS SIDE SHOWN
В	B = SHEET where section is shown	BDD BFP BHP BG	BACKDRAFT DAMPER BACKFLOW PREVENTER BRAKE HORSEPOWER BELOW GROUND	MCC MECH MFR	UNITS PER HOUR MOTOR CONTROL CENTER MECHANICAL MANUFACTURER	⊊=== ∃		ACOUSTIC LINED DUCT
A B C	SECTION SYMBOL: A = IDENTIFYING LETTER B = SHEET WHERE SECTION IS TAKEN C = SHEET WHERE SECTION IS SHOWN	BJ BTU BTUH	Between Joists British Thermal Unit British Thermal Units Per Hour	MIN MISC MTD MTG	MINIMUM MISCELLANEOUS MOUNTED MOUNTING		R	DUCT OFFSET (UP) IN DIRECTION OF ARROW (NOT TYPICALLY SHOWN)
	SECTION CUT LINE INDICATOR	C CC CD CFM	CENTIGRADE COOLING COIL CEILING DIFFUSER CUBIC FEET PER MINUTE	N/A N/C N/O	NOT APPLICABLE NORMALLY CLOSED NORMALLY OPEN		D	DUCT OFFSET (DN) IN DIRECTION OF ARROW (NOT TYPICALLY SHOWN)
	KEYED REFERENCE NOTE OR SHEET NOTE	CI CLG	CEILING GRILLE CAST IRON CEILING	NC NIC NTS	NOISE CRITERIA NOT IN CONTRACT NOT TO SCALE			ROUND DUCT IN INCHES
•	POINT OF CONNECTION (POC) SYMBOL	CO CONC CONN	CLEANOUT CONCRETE CONNECT or CONNECTION	OA OPD	OUTSIDE AIR OPPOSED BLADE DAMPER	<u>, 18x12"ø</u> ,		OVAL DUCT IN INCHES
<u>P1-1</u>	PLUMBING FIXTURE REFERENCE (REFER TO SCHEDULE)	CONST CONT	CONSTRUCTION	OBD O/C OD	OPPOSED BLADE DAMPER ON CENTER OUTSIDE DIAMETER	18x10 18x12		CHANGE OF DUCT SIZE
AHU-1	EQUIPMENT IDENTIFICATION (REFER TO SCHEDULES)	CR DB	CONDENSATE RETURN DECIBLE or DRY BULB	OPNG PCV	OPENING PRESSURE CONTROL VALVE	<u>18x10</u> <u>18x12</u>		CHANGE OF DUCT SIZE (TRIANGLE NOT ALWAYS SHOWN)
	MEDICAL GAS OUTLET IDENTIFICATION (REFER TO SCHEDULE)	DDC DIA DIM	DIRECT DIGITAL CONTROL DIAMETER DIMENSION	PD PH or Ø PLCS	PRESSURE DROP PHASE PLACES			RECTANGULAR SUPPLY DUCT ELBOW TURNED UP
	MEDICAL GAS ALARM PANEL MOUNTED IN WALL	DN DPR DWG	DOWN DAMPER DRAWING	Poc Poua Prv Psi	POINT OF CONNECTION POINT OF USE ALARM PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH			RECTANGULAR SUPPLY DUCT ELBOW
	MEDICAL GAS OUTLET	E—100 EA EAT	EXHAUST AIR NUMBER INDICATES CFM QUANTITY EACH ENTERING AIR TEMPERATURE	PSIG R-100	POUNDS PER SQUARE INCH GAGE RETURN AIR NUMBER INDICATES CFM QUANTITY			TURNED DOWN OR AWAY RECTANGULAR RETURN/EXHAUST DUCT ELBOW TURNED UP
	REVISION CLOUD AND REVISION NUMBER	EAT EF EG ELEC ELEV	EXHAUST FAN EXHAUST GRILLE ELECTRIC or ELECTRICAL ELEVATION	RA RAG REQD RPBP	RETURN AIR RETURN AIR GRILLE REQUIRED REDUCED PRESSURE BACKFLOW			RECTANGULAR RETURN/EXHAUST DUCT ELBOW
<pre>xx></pre>	BINARY (YES/NO) SENSING SWITCH	emcs Esp Ewt	ENERGY MANAGEMENT CONTROL SYSTE EXTERNAL STATIC PRESSURE ENTERING WATER TEMPERATURE	RPM	PREVENTOR REVOLUTIONS PER MINUTE			TURNED DOWN OR ÁWAY
	(PIPE OR DUCT MOUNTED)	EXH EXST or (E	EXHAUST	S-100	SUPPLY AIR NUMBER INDICATES CFM QUANTITY			SMALL RECTANGULAR DUCT ELBOW TURNED DOWN OR AWAY
	BINARY (YES/NO) SENSING SWITCH (SURFACE MOUNTED)	F FA	FAHRENHEIT FACE AREA	SA SF	SUPPLY AIR SUPPLY FAN			ROUND DUCT ELBOW TURNED UP
× ×	ANALOG SENSING DEVICE (PIPE OR DUCT MOUNTED)	FCO FCU FD FDPR	FLOOR CLEANOUT FAN COIL UNIT FLOOR DRAIN FIRE DAMPER	Sht Sim Sp Sq Sq Ft	SHEET SIMILAR STATIC PRESSURE SQUARE			ROUND DUCT ELBOW TURNED DOWN OR AWAY
XX XX	ANALOG SENSING DEVICE (SURFACE MOUNTED)	FFD FF FLR FPM	FUNNEL FLOOR DRAIN FINAL FILTER FLOOR FEET PER MINUTE	SS STD	SQUARE FOOT/FEET STAINLESS STEEL STANDARD			END OF DUCT WITH CAP (UNLESS INDICATED OTHERWISE)
\otimes	ANALOG SENSING DEVICE (SURFACE MOUNTED) (APPROPRIATE FOR MEASURED FLUID) SUBSCRIPT LETTER (X) INDICATES:	FPS FT FV	FEET PER SECOND FOOT/FEET FACE VELOCITY	thk Tp Typ Tu	THICK TRAP PRIMER or TEST PLUG TYPICAL TERMINAL UNIT	5-mm 2	FLEX	FLEXIBLE DUCT
	A – ALARM PRESSURE SENSOR D – DIFFERENTIAL PRESSURE F – FLOW RATE H – HUMIDITY	GA GAL GALV GPH	GAGE or GAUGE GALLON GALVANIZED GALLONS PER HOUR	UBC UFC UMC	UNIFORM BUILDING CODE UNIFORM FIRE CODE UNIFORM MECHANICAL CODE		AD	DUCT ACCESS DOOR
	L – LOW LIMIT P – PRESSURE (STATIC) T – TEMPERATURE V – VELOCITY & VOLUME FLOW RATE	GPM H HD	GALLONS PER MINUTE HEIGHT HEAD	UPC UG UH	UNIFORM PLUMBING CODE UNDERGROUND UNIT HEATER	l	VD	VOLUME DAMPER
		hp htg hvac	HORSEPOWER HEATING HEATING, VENTILATION AND AIR CONDITIONING	VA VAC VAV VD	VALVE VACUUM VARIABLE AIR VOLUME VOLUME DAMPER		INSULATI	ON REQUIREMENTS
		HWG HWR	HIGH WALL GRILLE HIGH WALL REGISTER	VEL VFD VTR	VELOCITY VARIABLE FREQUENCY DRIVE VENT THRU ROOF	1. <u>PIPE INSULATION REQU</u>	IIREMENTS:	
		HZ	HERTZ INSIDE DIAMETER	W w /	WIDE WITH	DOMESTIC COLD WATEF LARGER THAN 1" DIAM		1" DIAMETER PIPE AND SMALLER. 1" THICK ON ALL PIPING
THE FOLLOWING DUCT F	UCT FITTING REQUIREMENTS FITTINGS ARE CONSIDERED ACCEPTABLE. THE CONTRACTOR SHALL OBTAIN	IE IN INSUL INV	INVERT ELEVATION INCH or INCHES INSULATION INVERT	W/O WB WCO	WITHOUT WET BULB WALL CLEANOUT	DOMESTIC HOT WATER: PIPING OVER 2" DIAME ROUTED IN WALLS TO	TER. 1/2 [°] INSULAT	DIAMETER PIPING AND SMALLER. $1-1/2^{\circ}$ THICK ON ALL TION ACCEPTABLE ON RUNOUTS UP TO 8 FEET IN LENGTH
	FOR OTHER FITTINGS PRIOR TO FABRICATION. ONLY FITTINGS WITH EQUAL OR	KW KWH	KILOWATT KILOWATT HOUR	WG WGE WPD	WATER GAGE WASTE GAS EVACUATION WATER PRESSURE DROP	2. <u>DUCT INSULATION REQ</u>		
	OFFSETS NOTE: OFFSETS (TO AVOID OBSTRUCTIONS) ARE REQUIRED BUT ARE NOT NECESSARILY SHO			WT	WEIGHT		OOR DUCTS OR DU	ALL SUPPLY DUCTS WITHIN THE BUILDING ENVELOPE. R-8 JCTS WITH OUTDOOR AIR. R-6 FOR DUCTS IN
	/2W TS W/ AIR VELOCITY					FOR OUTDOOR DUCTS	AND R-6 FOR DU	FROM SPACE BACK TO AN AIR HANDLER): R-8 INSULATION ICTS IN UNCONDITIONED SPACES.
UND R=W	ER 1,500 FPM					ALL EXTERIOR DUCTS 3. <u>EXPOSED PLENUMS IN</u>		
OVE	TS W/ AIR VELOCITY R 1,500 FPM AND DUCTS UPSTREAM OF MINAL UNITS							NSULATION BOARD WITH KRAFT BARRIER.
	45° OR 90° RADIUS ELBOWS		BRANCH DUCT TAKEOF W/ MINIMUM PRESSUR		RECTANGULAR	DUCT CONS	TRUCTION	AND SEALING REQUIREMENTS
	12" ACCESS PANEL BOTTOM OF DUCT TREAM OF TURNING		45			1. <u>SUPPLY_DUCTWORK</u>		
RETU	ES. REQUIRED FOR JRN AND EXHAUST DUCTS NING VANES	LUCATIONS	ROUND OR RECTANGULAR		ROUND DUCT RUNOUT TO SINGLE UNDER DIFFUSER OR	2" STATIC PRESSURE PENETRATIONS SEALI 2. <u>SUPPLY DUCTWORK</u>	ED (SMACNA SEAL	
CHANGE OF DUCT SI	ACCESS PANEL (TYPICA REQUIRED FOR RETURN	L)				1" STATIC PRESSURE PENETRATIONS SEAL	CLASS WITH ALL	TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL CLASS A). SPIRAL LOCK SEAMS IN ROUND AND FLAT OVAL
	MAX. 15°		MOI	2W, BUT NOT RE THAN 12"	City of Puy Development & Pern	vallup DUCTWORK DO NOT nitting Services 3. EXHAUST AND RETURN		
TRANSITION	NOT LESS THAN TWICE	THE DUCT AREA		'3W OK IF DER 3,000 FPI		2" STATIC PRESSURE	CLASS WITH ALL ED (SMACNA SEAL	TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL CLASS A). 1" PRESSURE CLASS ACCEPTABLE BETWEEN
	-CONICAL SPIN-IN OR TRANSITION TO CONNECTION SIZE AT LEAST 50% GREATER					Public Works		
END TAP	THAN AREA OF SMALLER DUCT				Fire	Traffic		

DRAWING INDEX DESCRIPTION

M0.1	COVER SHEET, GENERAL NOTES, & INDEX
M0.2	GENERAL SPECIFICATIONS
M0.3	MECHANICAL SCHEDULES
M1.1	FOURTH FLOOR MECHANICAL PLAN - DEMO
M1.2	FOURTH FLOOR MECHANICAL PLAN
M3.1	MECHANICAL DETAILS

SHEET NUMBER

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) M0.01
- 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.

Seat	COFFFMAN ENGINEERS 1 2nd Avenue, Suite 400 ttle, WA 98101 206.623.0717 v.coffman.com
	HILL BUT THE STREET
	ER: ultiCare terConnected
	MultiCare GSMOB Suite 4400 Clinic T.I.
	1450 5th St SE yallup, WA 98372DATEDESCRIPTION4/10/2023PERMIT SUBMITTAL #1
SHEE	
GE	NERAL TES, & INDEX

SPECIFICATIONS

GENERAL REQUIREMENTS

<u>SUMMARY</u>

THE WORK COVERED BY THIS AND ALL OTHER MECHANICAL SECTIONS CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, APPLIANCES AND MATERIALS AND PERFORMING ALL OPERATIONS REQUIRED FOR A COMPLETE INSTALLATION OF ALL HEATING AND VENTILATION SYSTEMS AS HEREINAFTER SPECIFIED, IN STRICT ACCORDANCE WITH THIS AND ALL SECTIONS OF THESE SPECIFICATIONS, DRAWINGS, TERMS AND CONDITIONS OF THE CONTRACT, ALL APPLICABLE CODES, ORDINANCES AND LAWS GOVERNING EACH SYSTEM. UPON COMPLETION, THE SYSTEMS SHALL BE FULLY FUNCTIONAL, ADJUSTED, AND READY FOR USE

ALL CONTRACT DOCUMENTS PERTAINING TO THIS PROJECT ARE HEREBY MADE A PART OF THIS SPECIFICATION.

THE CONTRACTOR IS RESPONSIBLE TO MAKE SURE OF A CLEAR UNDERSTANDING OF BOTH PLANS AND SPECIFICATIONS, PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND ENGINEER PRIOR TO COMMENCEMENT OF WORK. THE ENGINEER SHALL NOT BE HELD ACCOUNTABLE FOR LACK OF NOTIFICATION BY THE MECHANICAL AND/OR PLUMBING CONTRACTORS.

EXISTING CONDITION INFORMATION

BEFORE SUBMITTING BID, THE CONTRACTOR SHALL EXAMINE SITE CONDITIONS TO DETERMINE ANY EFFECT ON EXECUTION OF WORK AND INCLUDE COSTS IN BID. BY SUBMITTING A BID THE CONTRACTOR IS ACKNOWLEDGING THAT THEY HAVE SUFFICIENTLY UNDERSTOOD THE SCOPE OF CONSTRUCTION WORK REQUIRED AND HAVE INCLUDED IN BID, WHETHER SPECIFIED OR NOT, THE SUPPLY AND INSTALLATION OF ALL ITEMS REQUIRED BY GOOD PRACTICE TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS.

PERMIT APPLICATION

OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED BEFORE AND DURING CONSTRUCTION.

SUBSTITUTION PROCEDURES

THE EQUIPMENT SPECIFIED ON THE DRAWINGS HAVE BEEN SELECTED AS THE BASIS OF DESIGN. THE CONTRACTOR MAY PROPOSE A SUBSTITUTION OF OTHER MATERIAL OR EQUIPMENT, WHICH IN HIS OPINION WILL ACCOMPLISH THE DESIGN FUNCTION AND IS EQUAL TO THAT SPECIFIED. ALL COSTS INCURRED BECAUSE OF THIS SUBSTITUTION SHALL BE BY THE CONTRACTOR. THE ENGINEER SHALL BE THE JUDGE OF THE QUALITY AND SUITABILITY OF THE PROPOSED SUBSTITUTION AND MAY REQUIRE THE CONTRACTOR TO FURNISH ANY MATERIAL OR PIECE OF EQUIPMENT AS SPECIFIED.

PROJECT MANAGEMENT AND COORDINATION

- GENERAL: THE CONTRACTOR SHALL SCHEDULE HIS WORK IN SUCH A MANNER AS TO AVOID DELAYS IN OVERALL CONSTRUCTION AND PERMIT PROPER INSTALLATION OF ALL WORK BY THEMSELF AND OTHER CRAFTS.
- DESIGN DRAWINGS: THESE DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW THE FINAL ROUTING OF DUCTWORK, PIPING OR FINAL LOCATION OF EQUIPMENT. IF CONFLICTS ARISE WHICH CAUSE A CHANGE IN THE SPECIFIED PLANS OR DESIGN, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER PRIOR TO MAKING THE . ON COMPLETION OF THE WORK, FURNISH SATISFACTORY EVIDENCE THAT ALL WORK CHANGES. ANY CHANGES NOT APPROVED BY THE ENGINEER SHALL BE THE RESPONSIBILITY OF OTHERS.
- INTERFERENCE'S: THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER CRAFTS TO MAKE CERTAIN LOCATIONS AND ARRANGEMENTS REQUIRED FOR INSTALLATION OF SYSTEMS ARE MADE AVAILABLE, AND BE RESPONSIBLE FOR ARRANGING DUCTWORK, PIPING, EQUIPMENT, ETC., SO AS NOT TO INTERFERE WITH STRUCTURAL MEMBERS, LIGHTS, AND OTHER ITEMS HAVING FIXED LOCATIONS NOT RELATED TO THE SYSTEMS. WHERE ALTERNATE ROUTING, OFFSETS, AND TRANSITIONS ARE REQUIRED FOR FIELD COORDINATION OF ALL TRADES, THE CONTRACTOR SHALL MAKE CHANGES WITHOUT ADDITIONAL COSTS.
- VERIFICATION: PRIOR TO ORDERING ANY EQUIPMENT OR FIXTURES, VERIFY DIMENSIONS OF ALL SUCH EQUIPMENT, FIXTURES, ETC., TO MAKE CERTAIN IT FITS INTO 1. THE FOLLOWING DOCUMENTS SHALL BE BE PROVIDED TO THE BUILDING OWNER OR THE STRUCTURAL AND ARCHITECTURAL FEATURES OF THE BUILDING, AVOIDS CONFLICT WITH EQUIPMENT OR FIXTURES OF OTHER CRAFTS AND FITS INTO THE SPACE PROVIDED FOR THE INSTALLATION.
- SLEEVES AND INSERTS: THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SLEEVES AND INSERTS REQUIRED FOR HIS WORK. THE CONTRACTOR SHALL SCHEDULE HIS WORK SO HE INSTALLS SLEEVES AND INSERTS AS CONSTRUCTION PROCEEDS AND IN A MANNER TO AVOID DELAYS. IF THE CONTRACTOR FAILS TO INSTALL SLEEVES AND INSERTS AS CONSTRUCTION PROCEEDS, HE SHALL PAY ALL COSTS FOR CUTTING AND PATCHING TO MAKE THE PROPER INSTALLATION.
- CONTRACTOR SHALL NOT SHUT-OFF/PUT OUT OF SERVICE ANY SYSTEMS/SERVICES WITHOUT FIRST COORDINATING ALL DOWNTIME WITH OWNER'S PERSONNEL. CONTRACTOR SHALL PROVIDE A DETAILED M.O.P. AS REQUIRED. DO NOT BEGIN WORK WITHOUT WRITTEN APPROVAL.
- SUBMITTALS: SUBMIT PRODUCT DATA AND SHOP DRAWINGS FOR ALL SIGNIFICANT MATERIALS, EQUIPMENT, AND FIXTURES TO THE A/E FOR REVIEW.ALLOW REASONABLE TIME FOR REVIEW AND RETURN PRIOR TO ORDERING. PDF (ELECTRONIC) SUBMITTALS AREA ACCEPTABLE, IF PAPER COPIES ARE SUBMITTED ASSUME OWNER AND A/E WILL RETAIN A TOTAL OF THREE COPIES OF SUBMITTALS.
- SAFETY MEASURES: PROVIDE A SAFE ENVIRONMENT TO PROTECT EMPLOYEES AND ALL OTHERS FROM INJURY. COMPLY WITH LOCAL, STATE AND FEDERAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION.

EXISTING BUILDINGS

CONTINUITY OF SERVICE: ANY SYSTEMS OR SERVICES SHALL BE MAINTAINED WITH MINIMUM INTERRUPTION. COORDINATE ANY NEEDED INTERRUPTIONS WITH THE OWNER. ANY OVERTIME WORK REQUIRED BY THIS PROJECT TO MAINTAIN EXISTING BUILDINGS IN CONTINUOUS SERVICE, WITHOUT REDUCING THEIR EFFICIENCY, SHALL BE INCLUDED AS PART OF THIS CONTRACT.

DEMOLITION: PROVIDE MECHANICAL SYSTEM DEMOLITION IN AREAS OF EXISTING BUILDINGS TO ACCOMMODATE INSTALLATION OF NEW WORK. EXISTING PIPING, VALVES, AND DUCTWORK WHERE INDICATED ON THE DRAWING, MAY BE REUSED IN THEIR ORIGINAL LOCATION. DO NOT REUSE EXISTING PIPING, VALVES, OR DUCTWORK ONCE THEY ARE REMOVED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM OWNER. REMOVE ALL UNUSED PIPING AND DUCTWORK LOCATED IN REMODEL AREAS OF EXISTING BUILDINGS

CUTTING AND PATCHING: PROVIDE ALL CUTTING OF BUILDING CONSTRUCTION, AS REQUIRED FOR THIS WORK. KEEP CUTTING TO A MINIMUM, AND USE SAW CUTTING TO MAINTAIN NEAT, EVEN OPENINGS.UNLESS PATCHING IS INCLUDED UNDER OTHER DIVISIONS OF THIS SPECIFICATION, PROVIDE PATCHING AT ALL CUTTING LOCATIONS. ALL PATCHING SHALL CONFORM TO SPECIFICATIONS FOR THE NEW GENERAL CONSTRUCTION WORK. FINISH TO MATCH EXISTING.

PRODUCT REQUIREMENTS

EXECUTION

- IN AN APPROVED MANNER.
- CLEAN.
- CEILING CONSTRUCTION.

- EQUIPMENT. QUALITY REQUIREMENTS

CERTIFICATE OF OCCUPANCY: RECORD DOCUMENTS (C103.6.1) MANUALS (C103.6.2)

• THE MATERIAL AND EQUIPMENT SHALL BE NEW, BEST QUALITY AND AS SPECIFIED. EQUIPMENT SHALL BE FURNISHED COMPLETE WITH ALL PARTS NECESSARY FOR PROPER OPERATION. MATERIAL AND EQUIPMENT SHALL BE CLEANED AND FREE FROM DENTS, SCRATCHES, AND CORROSION. EQUIPMENT SHALL PROVIDE QUIET OPERATION.

THE WORK SHALL BE PERFORMED BY PERSONS SKILLED IN THE PARTICULAR TRADE, AND INCLUDES ALL WORK NECESSARY TO PROPERLY COMPLETE THE INSTALLATION IN A MANNER THAT PRESENTS A NEAT AND FINISHED APPEARANCE.

• THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS RECOMMENDED BY THE EQUIPMENT MANUFACTURER, REQUIRED BY CODES AND NECESSARY FOR THE PROTECTION OF PERSONNEL, SUCH AS SCREENS, GUARDS, RELIEF VALVES, VENTS, OVERFLOW, ETC., WHICH SHALL BE PROVIDED AND INSTALLED

CONTRACTOR SHALL INSTALL ALL EQUIPMENT FOLLOWING ALL MANUFACTURER'S REQUIREMENTS. CONTACT ENGINEER IF CONFLICTS ARISE.

• INSTALLATION, GENERAL: FOLLOW MANUFACTURER'S INSTRUCTIONS AND UTILIZE GOOD INDUSTRY PRACTICE WHEN INSTALLING ALL WORK. USE ONLYSKILLED TRADESPEOPLE WITH QUALIFIED SUPERVISION. ALL WORK SHALL BE LEFT NEAT AND

CONCEALMENT: PIPING AND DUCTWORK SHALL BE CONCEALED WITHIN BUILDING CONSTRUCTION, UNLESS SPECIFICALLY INDICATED OTHERWISE. WHERE PIPING IS INDICATED TO BE EXPOSED TO VIEW IN FINISHED SPACES OR CABINETS, PROVIDE CHROME ESCUTCHEONS WHERE THE PIPING PENETRATES THE WALL, FLOOR OR

• WATER SEALING AT FLOORS: PROVIDE WATER TIGHT SEALING AT EACH FLOOR PENETRATION INCLUDING PIPING WITHIN WALL CAVITIES. PROVIDE WATER SLEEVES SEALED TO THE FLOOR CONSTRUCTION AND PROJECTING NOT LESS THAN 1.5" ABOVE FLOOR WHERE INSULATED PIPING PENETRATES THE FLOOR. THE INTENT IS TO MINIMIZE PASSAGE OF WATER DURING A SIGNIFICANT WATER LEAKAGE EVENT. SEALING IS REQUIRED FOR CONCRETE FLOORS, BUT NOT REQUIRED FOR OTHER FLOOR SYSTEMS WHERE THE CONSTRUCTION ITSELF, AT THE PIPE PENETRATION, ALLOWS SIGNIFICANT WATER SEEPAGE (PLANKED WOOD FLOOR FOR EXAMPLE.)

COORDINATION WITH OTHER TRADES: COMPLETE DRAWINGS AND SPECIFICATIONS OF ALL TRADES WILL BE FURNISHED OR WILL BE AVAILABLE FOR INSPECTION IN THE CONSTRUCTION OFFICE AT THE JOBSITE. CAREFULLY CHECK THESE DRAWINGS AND SPECIFICATIONS BEFORE INSTALLING ANY WORK. IN ALL CASES, CONSIDER THE WORK OF ALL OTHER TRADES AND COORDINATE WORK WITH THAT OF THE SHEET METAL, PIPING, PLUMBING, FIRE PROTECTION, ELECTRICAL, AND SITE-WORK SUBCONTRACTORS, SO THAT THE BEST ARRANGEMENT OF ALL EQUIPMENT, PIPING, CONDUIT, DUCTS, AND OTHER RELATED ITEMS CAN BE OBTAINED.

ELECTRICAL CLEARANCES: COORDINATE WITH ALL TRADES TO MAINTAIN ELECTRICAL SERVICE CLEARANCE (PER NATIONAL ELECTRICAL CODE) FOR MECHANICAL

HAS BEEN INSTALLED AND INSPECTED IN ACCORDANCE WITH THE APPLICABLE CODES. THE OWNER AND/OR GENERAL CONTRACTOR SHALL DECIDE WHETHER OR NOT THE FINISHED WORK IS SATISFACTORY AND IF ANY MATERIAL OR EQUIPMENT HAS NOT BEEN PROPERLY INSTALLED OR FINISHED. THE MECHANICAL AND/OR PLUMBING CONTRACTOR IS OBLIGATED TO REPAIR OR REPLACE THE MATERIAL OR EQUIPMENT IN A MANNER SATISFACTORY TO THE OWNER WITHOUT COST TO THE OWNER. GUARANTEE: GUARANTEE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR OUTLINED BY ARCHITECT AND OWNER.

PROJECT CLOSE OUT DOCUMENTATION (C103.6):

OWNER'S AUTHORIZED AGENT WITH 180 DAYS OF THE DATE OF RECEIPT OF THE

COMPLIANCE DOCUMENTATION (C103.6.3)

<u>BALANCING</u>

BALANCING: PROVIDE THE SERVICES OF A QUALIFIED BALANCING FIRM TO OBTAIN AIR FLOWS WITHIN 10% OF THE AMOUNTS INDICATED ON THE DRAWINGS. BALANCING FIRM SHALL BE A MEMBER OF NEBB OR AABC. OBTAIN A/E APPROVAL OF THE BALANCING FIRM AT BEGINNING OF PROJECT. PROVIDE DRIVE ADJUSTMENTS AS REQUIRED TO OBTAIN THE FLOWS, AND PROVIDE TOTAL FLOW, PRESSURE, RPM AND AMPERAGE MEASUREMENTS AT ALL EQUIPMENT. AT THE COMPLETION OF THE PROJECT, COMPLETE AND SIGNED BALANCING REPORTS SHALL BE SUBMITTED TO THE A/E AND OWNER INDICATING ALL MEASURED VALUES ALONG WITH CORRESPONDING DESIGN VALUES AND NOTES/DISCUSSION WHERE RESULTS WERE NOT WITHIN 10% OF DESIGN VALUES.

BASIC MATERIALS AND METHODS (APPLIES TO ALL WORK)

GENERAL

WORK INCLUDED: THIS SECTION APPLIES TO ALL MECHANICAL WORK NORMALLY SPECIFIED UNDER DIVISIONS 21, 22 AND 23, AND REPRESENTS REQUIREMENTS IN ADDITION TO THE REQUIREMENTS STATED IN OTHER SECTIONS. THESE SPECIFICATIONS DO NOT COVER ALL ITEMS THAT WILL BE REQUIRED FOR COMPLETE AND WORKING SYSTEMS. WHERE MATERIALS OR EQUIPMENT NEEDED FOR THIS PROJECT ARE NOT COVERED IN THESE SPECIFICATIONS, PROVIDE THE MATERIALS AND EQUIPMENT OF A QUALITY EQUAL TO OR BETTER THAN THAT GENERALLY UTILIZED BY THE INDUSTRY FOR SIMILAR PROJECTS IN THE SAME GEOGRAPHIC AREA.

A. SUPPORT AND HANGERS

SUPPORT OF MECHANICAL SYSTEMS: EACH PIECE OF EQUIPMENT SHALL BE SUPPORTED (FROM ABOVE OR BELOW) IN NOT LESS THAN FOUR CORNERS FROM THE BUILDING STRUCTURE. PIPING AND DUCTWORK SHALL BE SUPPORTED AT INTERVALS SPECIFIED, WITH EACH SYSTEM SUPPORTED INDEPENDENTLY FROM THE BUILDING STRUCTURE.

SEISMIC BRACING: PROVIDE COMPLETE SEISMIC BRACING FOR ALL NEW PIPING. DUCTWORK, TERMINAL UNITS AND EQUIPMENT AS REQUIRED BY THE 2018 IBC WITH AL LOCAL AMENDMENTS AND ASCE/SCI 7-10 (THE CURRENT CODE). BRACING MAY BE PER GUIDELINES ESTABLISHED BY RESTRAINT MANUFACTURERS SUCH AS; MASON INDUSTRIES AND I.S.A.T PROVIDED THEY MEET THE CURRENT CODE. ALL BRACING SHALL BE DESIGNED AND MANUFACTURED BY MASON, I.S.A.T, OR PRIOR-APPROVED ALTERNATE MANUFACTURER SHALL FURNISH PROJECT-SPECIFIC DRAWINGS SHOWING THE CORRECT BRACE FOR EACH PROJECT-SPECIFIC LOCATION.

CONNECTIONS TO THE BUILDING STRUCTURE: PROVIDE ALL NECESSARY CONNECTIONS TO THE BUILDING STRUCTURE FOR SEISMIC RESTRAINTS AND SUPPORTS. WHERE CONCRETE STRUCTURE IS PRESENT, REVIEW THE USE OF CONCRETE ANCHORS WITH THE ARCHITECT OWNER, AND GENERAL CONTRACTOR, AND VERIFY THAT THERE ARE NO POST-TENSIONED SLABS OR OTHER CONDITIONS THAT NEED TO BE TAKEN INTO ACCOUNT IN SETTING OF ANCHORS. UTILIZE MCCULLOUGH "KWIK-BOLT", PHILLIPS SELF-DRILLING ANCHORS, GREGORY "BULLDOG," OMARK "DRILL ANCHORS", OR OTHER APPROVED ANCHOR TO ATTACH TO CONCRETE STRUCTURES. WHERE BUILDING STRUCTURE IS WOOD OR STEEL, OBTAIN ARCHITECT APPROVAL OF HARDWARE AND METHODS TO BE UTILIZED FOR ATTACHMENT TO THE STRUCTURE.

ADDITIONAL FRAMING: PROVIDE STEEL FRAMING MEMBERS TO TRANSFER LOAD FROM SUPPORT POINTS AT HANGERS TO LOCATIONS WHERE CONNECTIONS CAN BE MADE TO THE BUILDING STRUCTURE. FRAMING MEMBERS SHALL BE 12-GAUGE MINIMUM, 1-3/8" X 1-5/8" MINIMUM CROSS-SECTION SIZE; UNISTRUT, POWERSTRUT, OR OTHER APPROVED. SELECT MEMBER SIZE AND TYPE, AS APPROPRIATE FOR LOAD PER MANUFACTURER GUIDELINES.

PIPE HANGERS: CLEVIS OR RING HANGERS WITH STEEL RODS. HANGERS FOR INSULATED PIPING SHALL BE SIZED FOR OUTSIDE INSULATION AND 6" SHIELDS SHALL BE PROVIDED AT ALL HANGERS TO PROTECT INSULATION. PIPE SUPPORT SPACING PER IMC. PROVIDE PLASTIC SEPARATION BETWEEN CLAMPS AND COPPER PIPE.

HANGER RODS: HOT ROLLED STEEL ROD. ASTM A 36: SIZE TO "CODE FOR PRESSURE PIPING", ANSI B 31.1, WITH SAFETY FACTOR OF 5. MINIMUM ROD SIZE; 1" PIPE AND SMALLER (240 POUNDS) = 1/4" ROD, 1-1/4" TO 2" PIPE (TO 610 POUNDS) = 3/8" ROD, 2-1/2" TO 4" PIPE AFTER THE DATE OF SUBSTANTIAL COMPLETE. REFER TO ADDITIONAL REQUIREMENTS (TO 1,130 POUNDS) = 1/2" ROD, 5" TO 8" PIPE (TO 1,810 POUNDS) = 5/8" ROD.

EQUIPMENT AND PIPING IDENTIFICATION

- 1. NAMEPLATES: PROVIDE NAMEPLATE FOR EACH PIECE OF EQUIPMENT, INCLUDING EQUIPMENT NUMBER AND ANY SPECIAL INSTRUCTION FOR ITS USE; LAMINATED BLACK AND WHITE PLASTIC WITH LETTERING CUT THROUGH TO WHITE BACKGROUND. MINIMUM SIZE 3" X 1".
- 2. PIPE IDENTIFICATION: ALL PIPING IN SERVICEABLE LOCATIONS (INCLUDING ABOVE LAY-IN CEILINGS) SHALL BE IDENTIFIED WITH SEMI-RIGID PLASTIC OR ADHESIVE IDENTIFICATION MARKERS. MARKERS SHALL CONFORM TO ANSI A13.1, "SCHEME FOR THE IDENTIFICATION OF PIPING SYSTEMS". LOCATE MARKERS ADJACENT TO EACH VALVE, AT MINIMUM 30' CENTERS WITH AT LEAST ONE MARKER BETWEEN ANY TWO PARTITIONS, PROVIDE DIRECTION OF FLOW ARROWS AT MARKERS.

MISCELLANEOUS MATERIALS AND ACCESSORIES

- 1. FLEXIBLE CONNECTORS: PROVIDE FLEXIBLE CONNECTORS AT FANS AND EQUIPMENT THAT DO NOT HAVE INTERNAL VIBRATION ISOLATION. INDOOR: UL LISTED HYPOLON COATED GLASS FABRIC OR NEOPRENE COATED NYLON FABRIC. FLAME RESISTANT TO 250 F. 24 OZ / SQ. YD. DURODYNE "NEOPRENE" OR ELGEN "HYPOLON".
- 2. VOLUME DAMPERS: BALANCING DAMPERS SHALL BE PER SMACNA STANDARDS. HEAVY DUTY QUADRANTS WITH SETTING SCALE AND SECURE LOCKING THUMB NUTS.

- A. GENERAL

DIVISION 23 - HEATING VENTILATION AND AIR CONDITIONING

HANGERS AND SUPPORTS FOR HVAC, PIPING AND EQUIPMENT

 HANGERS, BRACKETS, ANCHORS AND MISCELLANEOUS SUPPORTS SHALL BE PROVIDED FOR THE INSTALLATION OF ALL PIPING AND HVAC EQUIPMENT. SUPPORTING DEVICES SHALL BE ATTACHED TO CEILING, WALLS AND FLOORS BY BOLTS AND FASTENERS. PIPE HANGERS AND VERTICAL SUPPORT SPACING SHALL BE IN COMPLIANCE WITH THE

2018 INTERNATIONAL MECHANICAL CODE. • MOUNTS, ANCHORS AND BRACING SHALL MEET 2018 I.B.C AND I.M.C. SEISMIC REQUIREMENTS AND MANUFACTURER'S SPECIFICATIONS.

DUCTING SYSTEMS:

1. RIGID DUCTWORK SHALL BE CONSTRUCTED, ERECTED, AND SEALED IN ACCORDANCE WITH THE 2018 INTERNATIONAL MECHANICAL CODE. (603)

2. ALL RIGID HVAC DUCTWORK IS 2.0 INCH W.C. PRESSURE CLASSIFICATION (603.3) 3. RIGID DUCTWORK SHALL BE GALVANIZED MEETING SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE.

4. RIGID DUCTWORK SHALL BE ALUMINUM FOR HIGH MOISTURE MEETING SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE.

5. FLEXIBLE AIR DUCTWORK SHALL MEET SECTION 603.6 REQUIREMENTS

MECHANICAL INSULATION

MANUFACTURERS: MANVILLE, OWENS-CORNING, CERTAINTEED, OR KNAUF. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

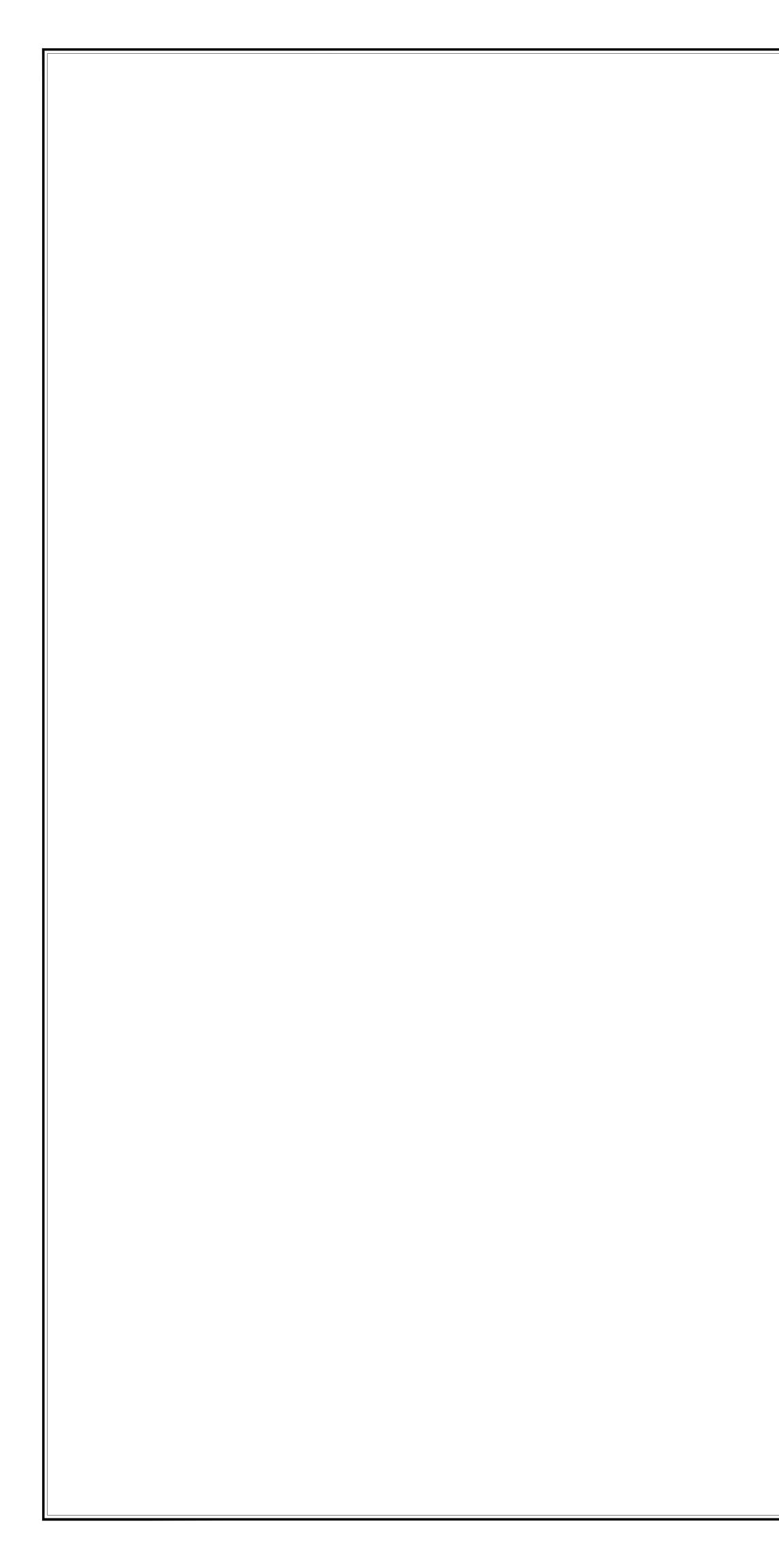
INSULATION THICKNESS: PER WSEC.

B. INSULATION MATERIALS

DUCT AND PLENUM INSULATION: FIBERGLASS, 0.75-POUND DENSITY, FLEXIBLE DUCT INSULATION WITH KRAFT VAPOR BARRIER. VAPOR BARRIER SHALL BE SEALED AT ALL JOINTS AND ACCESS DOORS, ETC. IN GENERAL, INSTALLATION MUST REFLECT CAREFUL WORKMANSHIP, NEAT IN APPEARANCE.

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

Seat	EN	.0717					
	ATTING OF MASSET TO PARTICIPATION OF MASSET TO P						
OWN	ER:						
		Care 🚠 onnected					
	PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.						
		oth St SE WA 98372					
MARK	DATE 4/10/2023	DESCRIPTION					
PROJEC DRAWN DATE: COPYR		31251 CEI 10 APRIL 2023					
GE	T TITLE: NER/ ECIF						
SHEE		0.2					



	EXISTING EXHAUST FAN SCHEDULE										
		FAN		MOTOR		2011/2					
TAG	LOCATION	AREA SERVED	CFM (PRESENT/FUTURE)	ESP	HP	VOLTS	PH	DRIVE TYPE	FILTER	BASIS OF DESIGN	REMARKS
EF-13	ROOF	TENANT SUITES	1750/3000	0.5/1.5	1/2/1900	460	3	BELT		GREENHECK GB-200-20	1
NOTES:											

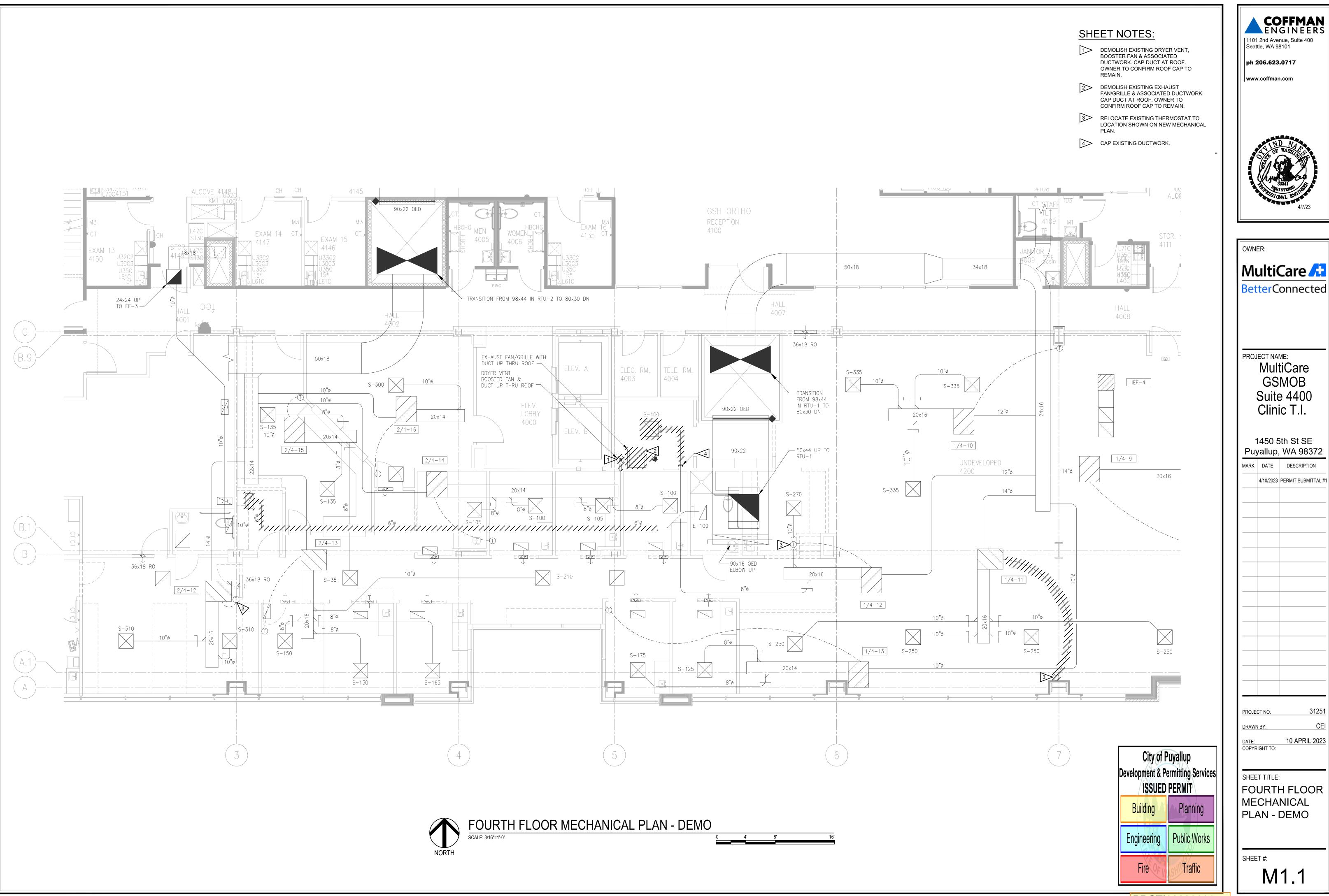
1. REBALANCE EXHAUST FAN TO PROVIDE ADDITIONAL AIRFLOW AS SHOWN ON PLANS,

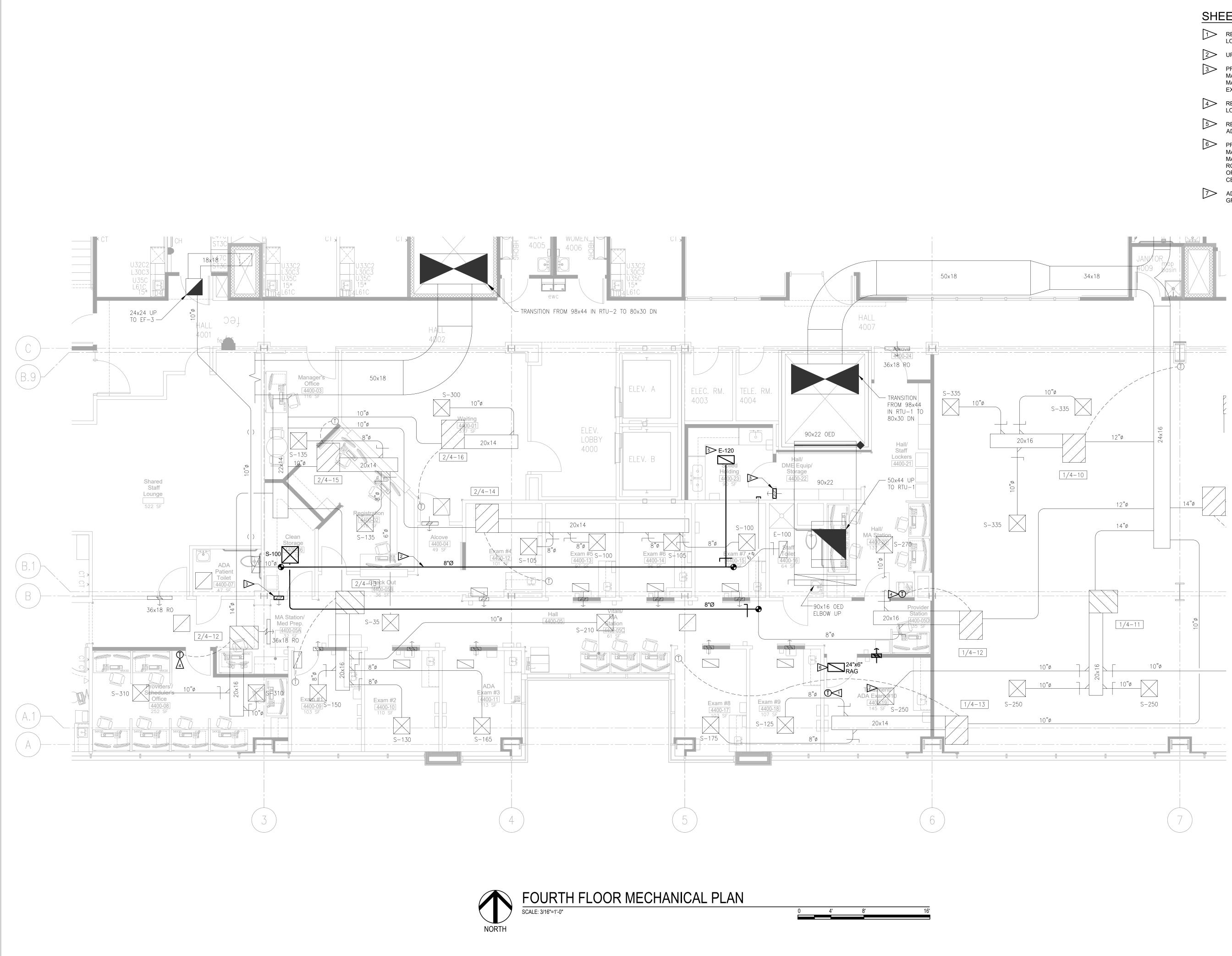
	EXISTING VAV WITH ELECTRIC REHEAT							
TAG		CFM PRIMARY AIR						
TAG	FAN SIZE	MIN. HEATING	MIN. COOLING	MAX COOLING	FAN HP	HTR KW	INLET DUCT	
1/4-10	02SQ	305	305	885	0.12	5.5	10	-
1/4-11	03SQ	200	200	940	0.33	11	10	
1/4-12	02SQ	200	200	370	0.12	3	6	
1/4-13	02SQ	150	150	300	0.12	4.5	6	
2/4-12	02SQ	305	305	885	0.12	5.5	10	
2/4-13	03SQ	300	300	655	0.33	7.5	10	
2/4-14	02SQ	150	150	280	0.12	2	6	
2/4-15	02SQ	150	150	305	0.12	2	6	
2/4-16	02SQ	150	150	300	0.12	2.5	6	-

Т	OUTLET DUCT
	20x16
	20x16
	20x16
	20x14
	20x16
	20x16
	20x14
	20x14
	20x14

ARKS	ph 206.623.0717 www.coffman.com
	OWNER: MultiCare BetterConnected
	PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.
	1450 5th St SEPuyallup, WA 98372MARKDATEDESCRIPTION4/10/2023PERMIT SUBMITTAL #1
City of Puyallup	PROJECT NO. 31251 DRAWN BY: CEI DATE: 10 APRIL 2023 COPYRIGHT TO: 10
Development & Permitting Services	MECHANICAL
Building Planning	SCHEDULES
Engineering Public Works	SHEET #:
Fire Traffic PRCTI20230601	M0.3

City of P Development & Pe ISSUED	
Building	Planning
Engineering	Public Works
Fire	Traffic





SHEET NOTES:

- RELOCATE EXISTING THERMOSTAT TO LOCATION SHOWN .
- UPSIZE EXISTING DUCT FROM 6" TO 8".
 PROVIDE NEW TRANSFER AIR GRILLE, MATCH EXISTING TRANSFER GRILLE MAKE, MODEL, AND DIMENSIONS IN EXAM ROOMS.
- RELOCATE EXISTING THERMOSTAT TO LOCATION SHOWN.
- REBALANCE EF-3 TO ACCOUNT FOR ADDITIONAL AIRFLOW OF 45 CFM.
- PROVIDE NEW RETURN AIR GRILLE. MATCH EXISTING RETURN AIR GRILLE MAKE AND MODEL IN EXISTING EXAM ROOMS. PROVIDE 10x10 TRANSFER OPENING IN FULL HEIGHT WALL ABOVE CEILING.
- ADJUST SUPPLY DIFFUSER TO CEILING GRID.

AIT/23							
OWNER: MultiCare BetterConnected							
PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.							
1450 5th St SE Puyallup, WA 98372 MARK DATE 4/10/2023 PERMIT SUBMITTAL #1							
PROJECT NO.31251DRAWN BY:CEIDATE:10 APRIL 2023COPYRIGHT TO:SHEET TITLE:SHEET TITLE:FOURTH FLOORMECHANICAL							
PLAN SHEET #: M1.2							

COFFMAN ENGINEERS

1101 2nd Avenue, Suite 400

Seattle, WA 98101

ph 206.623.0717

www.coffman.com

PRCTI20230601

City of Puyallup

Development & Permitting Services

ISSUED PERMIT

Planning

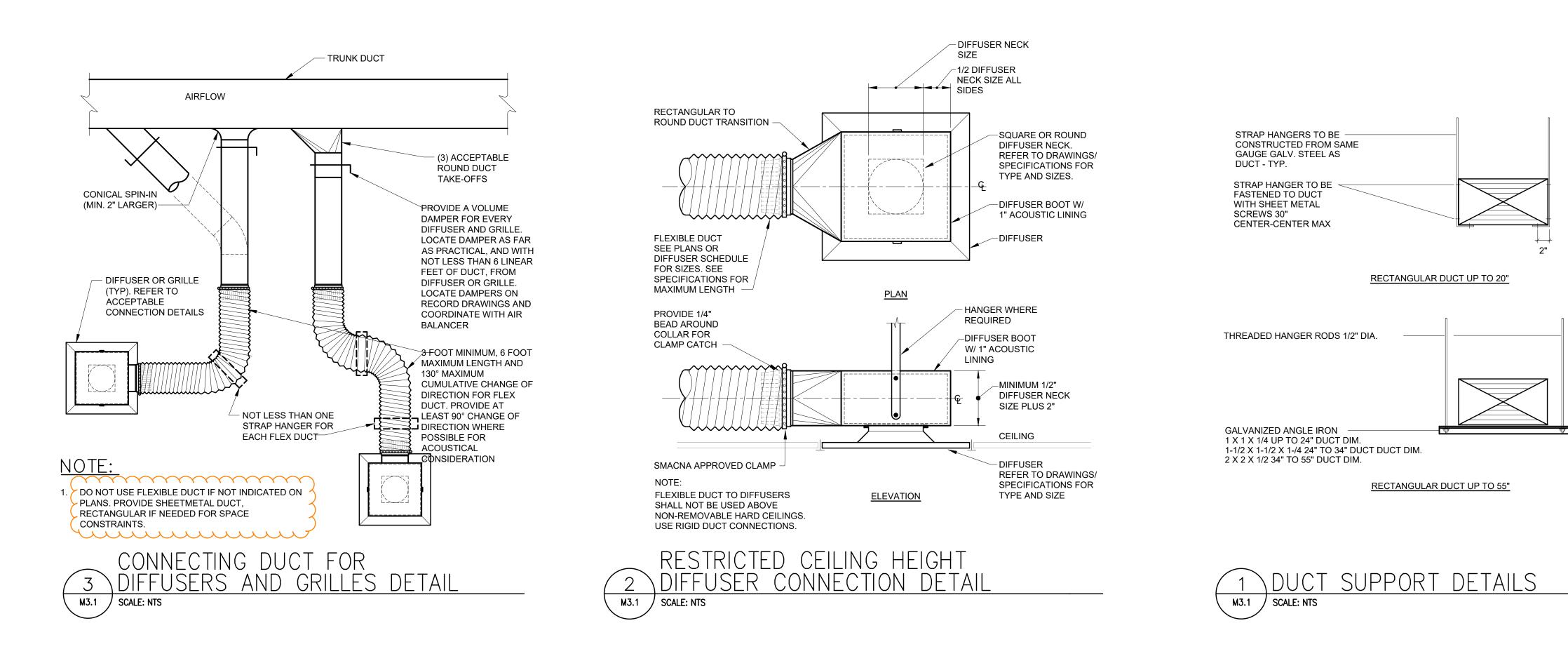
Public Works

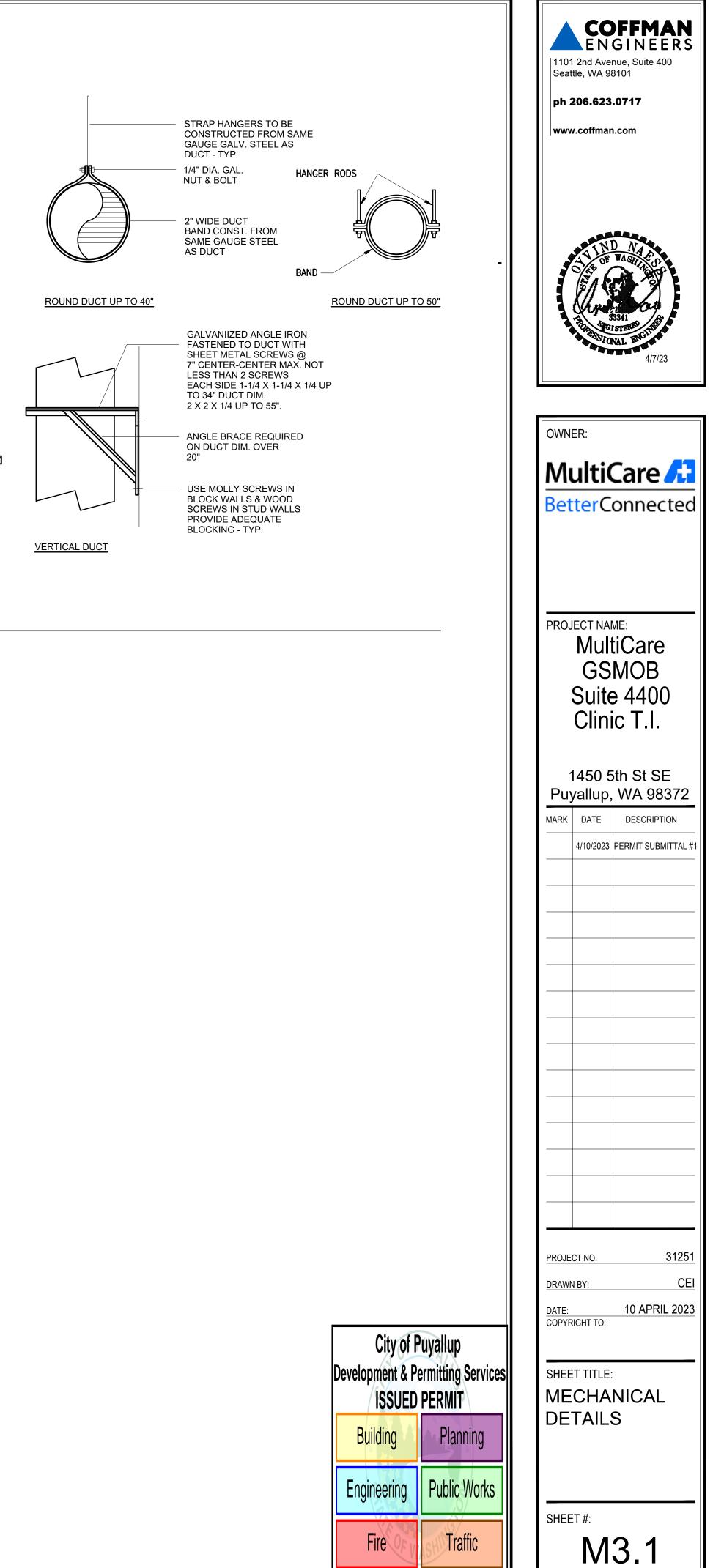
Traffic

Building

Engineering

Fire





GENERAL LEGEND

SYMBOL

AB

A B C

AB

A B C

(1)

Ð

<u>P1-1</u>

 \bigotimes

 $\langle \! x \! x \! \rangle$

XX

 \otimes

AHU-1

	DESCRIPTION
DETAIL SYMBOL:	A = IDENTIFYING NUMBER B = Sheet where detail is shown
DETAIL SYMBOL:	$\begin{array}{llllllllllllllllllllllllllllllllllll$
SECTION SYMBOL:	A = IDENTIFYING LETTER B = SHEET WHERE SECTION IS SHOWN
SECTION SYMBOL:	A = IDENTIFYING LETTER B = SHEET WHERE SECTION IS TAKEN C = SHEET WHERE SECTION IS SHOWN
SECTION CUT LINE	INDICATOR

KEYED REFERENCE NOTE OR SHEET NOTE POINT OF CONNECTION (POC) SYMBOL PLUMBING FIXTURE REFERENCE (REFER TO SCHEDULE) EQUIPMENT IDENTIFICATION (REFER TO SCHEDULES) MEDICAL GAS OUTLET IDENTIFICATION (REFER TO SCHEDULE) MEDICAL GAS ZONE VALVE STATION MOUNTED IN WALL

MEDICAL GAS ALARM PANEL MOUNTED IN WALL

MEDICAL GAS OUTLET

REVISION CLOUD AND REVISION NUMBER

BINARY (YES/NO) SENSING SWITCH (PIPE OR DUCT MOUNTED)

BINARY (YES/NO) SENSING SWITCH (SURFACE MOUNTED)

ANALOG SENSING DEVICE (PIPE OR DUCT MOUNTED)

ANALOG SENSING DEVICE (SURFACE MOUNTED)

ANALOG SENSING DEVICE (SURFACE MOUNTED) (APPROPRIATE FOR MEASURED FLUID) SUBSCRIPT LETTER (X) INDICATES:

A – ALARM PRESSURE SENSOR D – DIFFERENTIAL PRESSURE

F — FLOW RATE h — humidity

L – LOW LIMIT

P – PRESSURE (STATIC) T – TEMPERATURE V – VELOCITY & VOLUME FLOW RATE

AL AP APD ARCH ARV ARW	ACOUSTIC LINED ACCESS PANEL AIR PRESSURE DROP ARCHITECT/ARCHITECTURAL AUTOMATIC RELIEF VALVE or ACID RESTISTANT VENT ACID RESTISTANT WASTE
BDD BFP BHP BG BJ BTU BTUH	BACKDRAFT DAMPER BACKFLOW PREVENTER BRAKE HORSEPOWER BELOW GROUND BETWEEN JOISTS BRITISH THERMAL UNIT BRITISH THERMAL UNITS PER HOUR
C CC CD CFM CG CI CLG CO CONC CONC CONST CONST CONT CR	CENTIGRADE COOLING COIL CEILING DIFFUSER CUBIC FEET PER MINUTE CEILING GRILLE CAST IRON CEILING CLEANOUT CONCRETE CONNECT or CONNECTION CONSTRUCTION CONSTRUCTION CONTINUATION CONDENSATE RETURN
DB DDC DIA DIM DN DPR DWG	DECIBLE or DRY BULB DIRECT DIGITAL CONTROL DIAMETER DIMENSION DOWN DAMPER DRAWING
E-100 EA EAT EF EG ELEC ELEV EMCS ESP EWT EXH EXST or (E)	EXHAUST AIR NUMBER INDICATES CFM QUANTITY EACH ENTERING AIR TEMPERATURE EXHAUST FAN EXHAUST GRILLE ELECTRIC or ELECTRICAL ELEVATION ENERGY MANAGEMENT CONTROL SYSTEM EXTERNAL STATIC PRESSURE ENTERING WATER TEMPERATURE EXHAUST EXISTING
F FA FCO FCU FD FDPR FFD FFD FFD FFF FLR FPM FPS FT FV	FAHRENHEIT FACE AREA FLOOR CLEANOUT FAN COIL UNIT FLOOR DRAIN FIRE DAMPER FUNNEL FLOOR DRAIN FINAL FILTER FLOOR FEET PER MINUTE FEET PER SECOND FOOT/FEET FACE VELOCITY
GA GAL GALV GPH GPM	GAGE or GAUGE GALLON GALVANIZED GALLONS PER HOUR GALLONS PER MINUTE
H HD HP HTG	HEIGHT HEAD HORSEPOWER HEATING

HEATING HEATING, VENTILATION AND AIR CONDITIONING HIGH WALL GRILLE

HIGH WALL REGISTER HERTZ

DESCRIPTION

ABOVE ACCESS DOOR AIR HANDLING UNIT

ACOUSTIC LINED

ABBR

ABV AD AHU

AL

HTG HVAC

HWG HWR HZ

ABBREVIATIONS

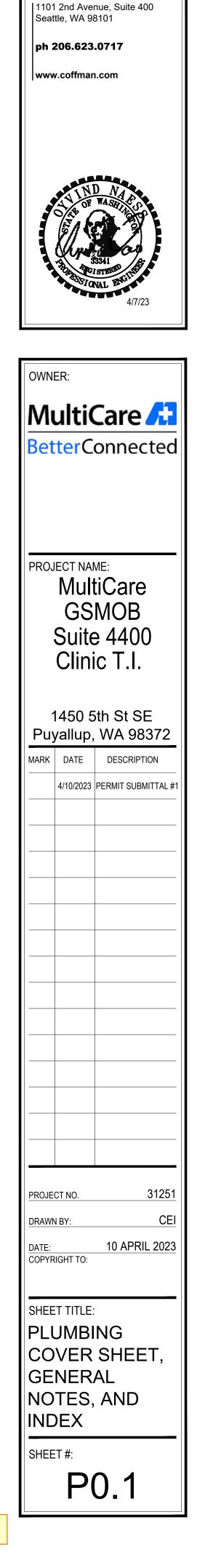
/ /	ATION						PIPING	
	ABBR	DESCRIPTION			SYMBOL	ABBR	DESCRIPTION	
	L LAT LBS LF LVG LWG	LENGTH LEAVING AIR TEMPERATURE POUNDS LINEAR FOOT/FEET LEAVING LOW WALL GRILLE	W W/O WB WCO WG	WASTE WITH WITHOUT WET BULB WALL CLEANOUT WATER GAGE		SS	LIGHT LINEWORK INDICATES EXISTING PIPING OR EQUIPMENT INDICATES PIPING OR EQUIPMENT TO BE REMOVED SANITARY SEWER - OUTSIDE BUILDING AND	-
	lwr lwt	LOW WALL REGISTER LEAVING WATER TEMPERATURE	WGE WPD WT	WASTE GAS EVACUATION WATER PRESSURE DROP WEIGHT	— — — SD— — —	SD	BELOW GROUND STORM DRAIN - OUTSIDE BUILDING AND	-
	MAX MBH	MAXIMUM 1000 BRITISH THERMAL				w	BELOW GROUND WASTE (& SOIL) — ABOVE GROUND — INTERIOR	
	MCC MECH	UNITS PER HOUR MOTOR CONTROL CENTER MECHANICAL				W V	WASTE (& SOIL) — BELOW GROUND — INTERIOR VENT	_
	MFR	MANUFACTURER MINIMUM			ARW	ARW	ACID RESISTANT WASTE	-
	MISC MTD	MISCELLANEOUS MOUNTED			ARV	ARV	ACID RESISTANT VENT COLD WATER - DOMESTIC	
	MTG	MOUNTING				CW HW	HOT WATER - DOMESTIC	
	N/A N/C	NOT APPLICABLE NORMALLY CLOSED				HWC	HOT WATER CIRCULATING - DOMESTIC	
	N/O NC	NORMALLY OPEN NOISE CRITERIA			RD	RD	RAINWATER DRAINAGE - ABOVE GROUND	
	NIC NTS	NOT IN CONTRACT NOT TO SCALE			— — — RD — — — —————————————————————————	RD ORD	RAINWATER DRAINAGE – BELOW GROUND RAINWATER DRAINAGE OVERFLOW – ABOVE GROUND	
	OA OBD	OUTSIDE AIR OPPOSED BLADE DAMPER			— — — ORD— — —	ORD	RAINWATER DRAINAGE OVERFLOW - BELOW GROUND	
	O/C OD	ON CENTER OUTSIDE DIAMETER			D	D	DRAIN - INDIRECT	
	OPNG	OPENING			RV	RV	RELIEF VALVE VENT PIPE SLOPE DIRECTION	
	PCV PD	PRESSURE CONTROL VALVE PRESSURE DROP			ICW	ICW	INDUSTRIAL COLD WATER	
	PH or Ø PLCS					SCW	SOFT COLD WATER	
	POC POUA	POINT OF CONNECTION POINT OF USE ALARM			FCW	FCW IHW	COLD WATER (FLUSHING SYSTEM) INDUSTRIAL HOT WATER	
	PRV PSI	PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH			——КН₩——— — — — —	KHW	KITCHEN HOT WATER	
	PSIG	POUNDS PER SQUARE INCH GAGE				KHWC	KITCHEN HOT WATER CIRCULATING	
	R-100	NUMBER INDICATES CFM QUANTITY				LHW LHWC	LAUNDRY HOT WATER LAUNDRY HOT WATER CIRCULATING	
	RA RAG	RETURN AIR RETURN AIR GRILLE			NPW	NPW	NON-POTABLE WATER	
M	reqd RPBP	REQUIRED REDUCED PRESSURE BACKFLOW PREVENTOR				IW	IRRIGATION WATER	
	RPM	REVOLUTIONS PER MINUTE			DI DW	DI DW	DEIONIZED WATER DISTILLED WATER	
	S-100	SUPPLY AIR NUMBER INDICATES CFM QUANTITY			CS	CS	CONDENSER WATER SUPPLY	
	SA SF	SUPPLY AIR SUPPLY FAN			— — — CR— — —	CR	CONDENSER WATER RETURN	
	si Sht Sim	SHEET SIMILAR			CWS CWR	CWS CWR	CHILLED WATER SUPPLY - COOLING CHILLED WATER RETURN - COOLING	
	SP SQ	STATIC PRESSURE SQUARE			RL	RL	LIQUID LINE – REFRIGERANT	
	SQ FT SS	SQUARE FOOT/FEET STAINLESS STEEL				RS	SUCTION LINE - REFRIGERANT	
	STD	STANDARD			нснснкз	HG HWS	HOT GAS LINE – REFRIGERANT HOT WATER HEATING SUPPLY	
	THK TP	THICK TRAP PRIMER or TEST PLUG			— — — HWR — — —	HWR	HOT WATER HEATING RETURN	
	typ Tu	TYPICAL TERMINAL UNIT			FOS FOS	FOS	FUEL OIL SUPPLY	
	UBC UFC	UNIFORM BUILDING CODE UNIFORM FIRE CODE			— — FOR— — — ———G———	FOR G	FUEL OIL RETURN NATURAL GAS	
		UNIFORM MECHANICAL CODE UNLESS OTHERWISE NOTED			LPG	LPG	LIQUID PETROLEUM GAS	
	UPC UG	UNIFORM PLUMBING CODE UNDERGROUND			— — LPS — — — —	lps lpr	LOW PRESSURE STEAM SUPPLY LOW PRESSURE STEAM CONDENSATE RETURN	
	UH	UNIT HEATER			MPS	MPS(20)	MEDIUM PRESSURE STEAM SUPPLY	
	VA VAC VAV	VALVE VACUUM VARIABLE AIR VOLUME			— — — MPR — — —	MPR(20)	NUMBER IN PARENTHESIS INDICATES PSI MEDIUM PRESSURE STEAM CONDENSATE RETURN	
	VD VEL	VOLUME DAMPER VELOCITY			HPS	HPS(100)	NUMBER IN PARENTHESIS INDICATES PSI HIGH PRESSURE STEAM SUPPLY	
	VFD VTR	VARIABLE FREQUENCY DRIVE VENT THRU ROOF			— — — HPR — — —	HPR(100)	NUMBER IN PARENTHESIS INDICATES PSI HIGH PRESSURE STEAM CONDENSATE RETURN	
					— — — PR— — —	PR	NUMBER IN PARETHESIS INDICATES PSI STEAM CONDENSATE RETURN (PUMPED)	
					ATV	ATV	ATMOSPHERIC VENT	
					МА LА	MA LA	COMPRESSED MEDICAL AIR COMPRESSED LABORATORY AIR	
					MV	MV	MEDICAL VACUUM	
						02	OXYGEN	
					N20 N2	N20 N2	NITROUS OXIDE NITROGEN	
					C02	C02	CARBON DIOXIDE	
					A	Α	COMPRESSED AIR	_
					V	V LV	VACUUM LABORATORY VACUUM	
					LV			

------WGE------WGE

City of Puyallup evelopment & Permitting Se ISSUED PERMIT					
Building	Plannin				
Engineering	Public Wo				
Fire	Traffic				

WASTE GAS EVACUATION

SYMBOL	ABBR	DESCRIPTION
	CAP	PIPE END CAP
	0/ 4	PIPE TURNING DOWN OR AWAY
0		PIPE TURNING UP OR TOWARD
		PIPE TURNING DOWN OR AWAY (TEE)
		REDUCER (NOT TYPICALLY SHOWN)
		PIPE CONNECTION
Ţ		
		PIPE ANCHOR (NOT ALWAYS SHOWN, SEE SPECIFICATIONS)
		PIPE ALIGNMENT GUIDES
		(NOT ALWAYS SHOWN, SEE SPECIFICATIONS)
 \	HB	HOSE BIBB
ŀ	WH/NFWH	WALL HYDRANT or NON-FREEZE WALL HYDRANT
	CO/WCO	CLEANOUT or WALL CLEANOUT
o	FC0/SC0	FLUSH CLEANOUT or SURFACE CLEANOUT
>	FDC	FIRE DEPARTMENT CONNECTION
D		FIRE SPRINKLER ALARM GONG
⊕	AD	AREA DRAIN
Ø	FD or FFD	FLOOR DRAIN or FUNNEL FLOOR DRAIN
\boxtimes	FS	FLOOR SINK
0	OD	OVERFLOW DRAIN
۲	RD	ROOF DRAIN
\bowtie		SHUTOFF VALVE (AS SPECIFIED FOR PIPING SYSTEM)
D81	BV	BALL VALVE
Ň	CKV	CHECK VALVE
	BFV	BUTTERFLY VALVE
MS		
I∳I	BFV	BUTTERFLY VALVE W/ MEMORY STOP
\bowtie	BAL VA	BALANCING VALVE
\bigtriangledown	BSV	COMBINATION BALANCING/SHUTOFF VALVE
図	ACV	2-WAY MODULATING CONTROL VALVE W/ ACTUATOR
密	ACV	3-WAY MODULATING CONTROL VALVE W/ ACTUATOR
及		
		2-POSITION CONTROL VALVE
k N	PRV	PRESSURE REDUCING VALVE
ЪС,	RV	RELIEF VALVE
	FMS	FLOW MEASUREMENT STATION
Ŕ	STR	Y-TYPE STRAINER
	GLV	GLOBE VALVE
Ā	OSY VA	OUTSIDE SCREW AND YOKE VALVE
Xø	EXP VA	EXPANSION VALVE
<u>ے</u>	FCV	FLOW CONTROL VALVE
ф		UNION
		FLANGES
۲		THREADED DRAIN PLUG
▲ ○		MALE (GARDEN) HOSE CONNECTION WITH CAP
Ŷ	TP	TEST PLUG
9		SHOCK ARRESTOR
Фт	TH or TI	THERMOMETER (TEMPERATURE INDICATOR)
Ū	B STR	BASKET STRAINER
О ФР	PI	PRESSURE INDICATOR
⊗ ∧	AAV	AUTOMATIC AIR VENT
Ŷ Ĵ		MANUAL AIR VENT
		PUMP (DIAGRAM)
\sim		FLEXIBLE CONNECTOR
		INDICATES ASSEMBLY OF PIPING COMPONENTS



COFFMAN ENGINEERS

SHEET NUMBER

P0.1 P0.2

P0.3

P1.1

P1.2

P3.1

orks

DRAWING INDEX DESCRIPTION

COVER SHEET, GENERAL NOTES, & INDEX PLUMBING SPECIFICATIONS PLUMBING SCHEDULES FOURTH FLOOR PLUMBING PLAN - DEMO FOURTH FLOOR PLUMBING PLAN PLUMBING DETAILS

GENERAL PLUMBING NOTES

- THE LOCAL AUTHORITY HAVING JURISDICTION.
- 2. SECURE AND PAY FOR ALL FEES, PERMITS, ETC., REQUIRED FOR THIS PROJECT.
- 3. PLUMBING CONTRACTOR SHALL PROVIDE ALL MATERIAL REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION.
- FREE OF DEFECTS IN WORKMANSHIP & MATERIAL FOR A PERIOD OF 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.
- 5. DO NOT SCALE DRAWINGS. INSTALL SYSTEMS BASED ON ACTUAL FIELD MEASUREMENTS. CEILINGS.
- LOCAL CODES
- 8. COORDINATE EXACT LOCATION OF UTILITY SERVICES WITH THE LOCAL UTILITY SUPPLIERS AND CIVIL SITE CONTRACTOR.
- INSTALLATION.
- ENGINEERS OF PROPOSED CHANGES PRIOR TO TAKING ACTION.
- PITCHED AT A MINIMUM OF ONE-EIGHTH (1/8") PER FOOT.
- 13. PRESSURE TEST PIPING PRIOR TO COVERING AND SUBMIT TEST REPORT TO THE ENGINEER.
- REPRESENTATIVE AND THE LOCAL PLUMBING INSPECTOR.
- RESULT IN EXCESSIVE PIPE VIBRATION OR MOVEMENT.
- 19. TRAP PRIMER LINE TO EACH FLOOR DRAIN (FD) & FUNNEL DRAIN SHALL BE ONE-HALF INCH (1/2") IN SIZE.
- TAPE.
- OPENINGS MOUNTED A MINIMUM OF SIX (6") INCHES ABOVE FINISH FLOOR.
- AT ELBOWS, BRANCHES AND RISERS.
- JOINT
- 24. PIPING IN FINISHED AREAS SHALL BE CONCEALED.
- RATINGS OF FIRE RATED ASSEMBLIES. 26. ISOLATION OR SERVICE SHUT-OFF VALVES SHALL BE INSTALLED ON ALL PIPING TO ALL
- EQUIPMENT.
- WATER HEATERS PER CURRENT WSEC C404.4.
- WHERE REQUIRED FOR PROTECTION OF EQUIPMENT AND PIPING. REQUIRED.
- TACO HYVENT OR EQUAL. PROVIDE DROP PAN UNDER EACH.
- 31. UNIONS: INSTALL AT POINTS NECESSARY TO DISCONNECT PIPING FOR REPAIRS AND INSULATING UNIONS.
- 33. ALL PLUMBING FIXTURES SHALL BE TRAPPED AND VENTED PER 2018 UPC.
- PENETRATIONS.
- ACCORDANCE WITH C408.4 IN CURRENT WSEC.

1. COMPLY WITH THE 2018 UNIFORM PLUMBING CODE, LOCAL CODES AND ORDINANCES &

4. PLUMBING CONTRACTOR SHALL GUARANTEE THE COMPLETE PLUMBING SYSTEM TO BE

6. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF WALLS, FLOORS, AND

7. HANDICAP FIXTURES: PLUMBING FIXTURES AND TRIM IN HANDICAP ACCESSIBLE AREAS SHALL COMPLY WITH ALL ADA STANDARDS AND REQUIREMENTS AS WELL AS STATE AND

9. FIELD VERIFY ALL EXISTING CONDITIONS & LOCATION OF STUB-INS PRIOR TO

10. IF THERE IS NOT SUFFICIENT CLEARANCE BETWEEN THE BOTTOM OF THE FLOOR SLAB AND THE TOP OF THE FOOTINGS/FOUNDATIONS TO INSTALL THE TRAPS, MOVE TRAP BEYOND EDGE OF FOOTINGS/FOUNDATIONS TO ALLOW FOR PIPE INSTALLATION. NOTIFY

11. SANITARY PIPING TWO INCHES (2") AND BELOW SHALL BE PITCHED AT A MINIMUM OF ONE-QUARTER INCH (1/4") PER FOOT AND PIPING FOUR INCHES (4") AND ABOVE SHALL BE

12. COORDINATE STUB-UPS WITH GENERAL CONTRACTOR'S CONCRETE SLAB INSTALLATION. PROVIDE MEANS TO CONNECT TO ABOVE GROUND PIPING & INSTALLATION OF DRAINS.

14. DO NOT COVER PIPING UNTIL APPROVED BY THE ENGINEER OR HIS AUTHORIZED

15. REFER TO CIVIL DRAINGS FOR SITE UTILITIES. COORDINATE TIE-IN LOCATIONS AND INVERT ELEVATIONS WITH THE SITE UTILITY CONTRACTOR.

16. INSTALL WATER PIPING BEYOND BUILDING LIMITS AT A MINIMUM OF TWELVE INCHES (12") BELOW THE FROST DEPTH, BUT NOT LESS THAN 30" BELOW FINISH GRADE.

17. PROVIDE WATER HAMMER ARRESTORS (SHOCK ABSORBERS) AT ALL PIPE LOCATIONS WHERE VALVE CLOSURES (SUCH AS FLUSH VALVES) MAY CAUSE WATER HAMMER OR

18. CLEANOUTS: PLUMBING CLEANOUT LOCATIONS ARE NOT ALWAYS ESTABLISHED ON THE PLUMBING 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 DIFFICULT TO ACCESS SHALL BE EITHER WALL OR FLOOR CLEANOUTS SERVICED FROM THE FLOOR ABOVE. FLOOR CLEANOUTS SHALL BE LOCATED SO AS TO BE SERVICED FROM CORRIDORS, TOILET OR JANITOR ROOMS WHEREVER POSSIBLE.

20. DRAINAGE PIPING SHALL BE PROTECTED FROM CONCRETE USING 10 MIL PLUMBERS

21. FUNNEL DRAINS LOCATED IN MANUFACTURING AREAS SHALL BE INSTALLED WITH FUNNEL

22. SUPPORT HORIZONTAL LINES OF COPPER TUBING WITH HANGERS SPACED NOT MORE THAN 6 FEET, CENTER TO CENTER FOR ALL PIPE SIZES. ALL PIPES SHALL BE SUPPORTED

23. SUPPORT HORIZONTAL CAST IRON SOIL PIPE WITH HANGER, OR PIER, TWO FOR EACH 5 FOOT PIPE LENGTH. LOCATE SUPPORT CLOSE TO JOINTS EXCEPT, PIPE EXCEEDING 5 FEET IN LENGTH SHALL BE SUPPORTED AT NO MORE THAN 5 FOOT INTERVALS. SUPPORTS SHALL BE LOCATED ON BOTH SIDES OF ALL JOINTS AND WITHIN 6" OF THE

25. ALL PLUMBING PIPING AT PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS SHALL BE FIRE STOPPED WITH A FIRE-RESISTANCE RATED ASSEMBLY WHEN TESTED ACCORDING TO ASTM E 814 OR ANSI/UL1479. REFER TO ARCHTIECTURAL DRAWINGS FOR

27. PROVIDE HEAT TRAPS ON SUPPLY AND DISCHARGE PIPING FOR ALL POINT-OF-USE

28. PRESSURE RELIEF VALVES SHALL BE INSTALLED AT POINTS REQUIRED BY CODE AND

29. ISOLATION VALVES SHALL BE EASILY ACCESSIBLE. SUPPLY ACCESS HATCHES WHERE

30. INSTALL AIR ELIMINATORS AT HIGH POINTS IN THE PLUMBING SYSTEM WHERE NO FIXTURE IS AVAILABLE TO VENT TRAPPED AIR IN THE CW, HW, OR HWR PIPE SYSTEMS.

MAINTENANCE. INSTALL VALVES AND UNIONS AT CONNECTIONS TO TANKS AND EQUIPMENT. MAKE CONNECTIONS BETWEEN PIPES OF DISSIMILAR METALS WITH

32. NIPPLES: CLOSE NIPPLES ARE NOT PERMITTED. FOR SHORT PIPE CONNECTIONS USE STANDARD SHORT NIPPLES OR BUSHINGS SO THAT DISASSEMBLY EASILY OCCUR.

34. GROUP ADJACENT VENTS AS ALLOWED BY CODE IN CEILING SPACE TO MINIMIZE ROOF

35. COMMISSIONING: HOT WATER SUPPLY SYSTEM SHALL BE COMMISSIONED IN

SPECIFICATIONS

DIVISION 22 - PLUMBING

DOMESTIC WATER AND DRAINAGE

A. PIPING SYSTEMS

ALL PIPING, VALVES, SOLDER, SEALANTS, PUMPS AND ACCESSORIES THAT ARE PART OF THE DOMESTIC WATER SYSTEM SHALL COMPLY WITH NSF-61.

DOMESTIC WATER PIPING: TYPE L COPPER WATER TUBE, HARD DRAWN, ASTM B 88. WROUGHT COPPER SOLDER FITTINGS AND SCREWED ADAPTERS, ANSI B16.22.J. SOLDER; 95 PERCENT TIN, 5 PERCENT ANTIMONY SOLDER, ASTM B 32, 95TA. PEX UPONOR OR EQUAL ON 1"Ø OR SMALLER AS APPROVED ALTERNATE. UPSIZE PIPE AS REQUIRED PER UPC WHEN USING PEX TO ACCOUNT FOR INCREASED VELOCITY.

SMALL VALVES: BALL VALVES FED. SPEC. WW-V-35, 250-PSIG BRONZE OR BRASS BODY, BALL AND STEM, SOLDER ENDS OR SCREWED, TEFLON SEAT AND SEAL. CHECK VALVES AND OTHER VALVES SHALL BE OF EQUAL QUALITY AND SAME MANUFACTURER OF BALL VALVES, AND SHALL HAVE NOT LESS THAN 125-PSIG RATING. GATE VALVES (ALLOWED ONLY WHERE INDICATED) MSS SP80, 125-PSIG BRONZE, SCREWED OR SOLDER END, UNION BONNET, RISING STEM, SOLID BRONZE DISC.

CHECK VALVES IN COPPER TUBING: BRONZE BODY AND DISC, SOLDERED JOINT END CONNECTIONS, HORIZONTAL SWING CHECK, SCREWED CAP, 125 WSP, 200 WOG.

VENT CAPS: FOUR POUND SHEET LEAD FLASHING AND COUNTER-FLASHING NOT LESS THAN 16" SQUARE. COUNTERFLASHING SHALL TURN DOWN INSIDE THE VENT NO LESS THAN 1".

VACUUM BREAKERS: (WHERE REQUIRED, LOCATED BY CONTRACTOR)

1. ANTI-SIPHON: BRASS BODY AND INTERNAL TRIM WATTS NO. LF288A OR EQUAL. 2. ANTI-SIPHON PRESSURE TYPE: WATTS 800 SERIES OR EQUAL.

PIPING EXPANSION JOINTS:

FLEXIBLE-HOSE EXPANSION JOINTS FOR COPPER PIPING: COPPER-ALLOY FITTINGS WITH SOLDER- JOINT END CONNECTIONS.

NPS 2 AND SMALLER: BRONZE HOSES AND SINGLE-BRAID BRONZE SHEATHS WITH 450 PSIG AT 70 DEG F AND 340 PSIG AT 450 DEG F RATINGS. NPS 2-1/2 TO NPS 4: STAINLESS-STEEL HOSES AND SINGLE-BRAID, STAINLESS-STEEL SHEATHS WITH 300 PSIG AT 70 DEG F AND 225 PSIG AT 450 DEG F RATINGS.

FLEXIBLE-HOSE EXPANSION JOINTS FOR STEEL PIPING: CARBON-STEEL FITTINGS WITH THREADED END CONNECTIONS FOR NPS 2 AND SMALLER AND FLANGED OR WELD END CONNECTIONS FOR NPS 2-1/2 AND LARGER.

NPS 2 AND SMALLER: STAINLESS-STEEL HOSES AND SINGLE-BRAID, STAINLESS-STEEL SHEATHS WITH 450 PSIG AT 70 DEG F AND 325 PSIG AT 600 DEG F RATINGS. NPS 2-1/2 TO NPS 6: STAINLESS-STEEL HOSES AND SINGLE-BRAID, STAINLESS-STEEL SHEATHS WITH 200 PSIG AT 70 DEG F AND 145 PSIG AT 600 DEG F RATINGS. NPS 8 TO NPS 12: STAINLESS-STEEL HOSES AND SINGLE-BRAID, STAINLESS-STEEL SHEATHS WITH 125 PSIG AT 70 DEG F AND 90 PSIG AT 600 DEG F RATINGS. METRAFLEX OR EQUAL.

ALTERNATIVE WASTE AND VENT PIPING: AT CONTRACTOR'S OPTION TO BE VERIFIED WITH OWNER, POLYVINYL CHLORIDE (PVC), ASTM D 2665, OR ACRYLONITRILE-BUTADIENE-STYRENE (ABS), ASTM D 2661 PIPE AND FITTINGS MAY BE SUBSTITUTED FOR CAST IRON WASTE AND VENT PIPING. IF PLASTIC PIPE IS SUBSTITUTED, CONTRACTOR SHALL PROVIDE ALL NECESSARY ADAPTERS TO ACCOMMODATE SPECIFIED PIPING SPECIALTIES, ACCESSORIES, FIXTURE SUPPORTS, AND DRAINS. PLASTIC PIPING SHALL NOT BE USED AS WASTE OR ROOF DRAIN PIPING MORE THAN 3 FEET ABOVE THE SLAB-ON-GRADE FLOOR.

PLUMBING ACCESSORIES AND EQUIPMENT

WATER HAMMER ARRESTORS: COPPER TUBE WITH PISTON PER ASSE 1010. SIOUX CHIEF MANUFACTURING OR EQUAL.

STRAINERS: 2-1/2 INCHES AND SMALLER, BRONZE, Y-PATTERN, THREADED ENDS, 20-MESH STAINLESS STEEL SCREEN; 250 PSI AT 210 F.

ESCUTCHEONS FOR PLUMBING PIPES: INSTALL CHROME PLATED ESCUTCHEONS WHERE EXPOSED PIPING PASSES THROUGH FLOORS, CEILINGS AND WALLS. PLATES PROVIDED FOR PIPES PASSING THROUGH SLEEVES THAT EXTEND ABOVE THE FLOOR SURFACE SHALL BE DEEP AND RECESSED TO CONCEAL PIPE SLEEVES.

EQUIPMENT, GENERAL: PROVIDE ALL EQUIPMENT CONSISTENT WITH THE CAPACITY, MANUFACTURER, MODEL NUMBER, AND ACCESSORIES AS SPECIFIED OR INDICATED ON THE DRAWING SCHEDULES AND NOTES. EQUIPMENT SUPPLIERS SHALL VERIFY THAT MODEL NUMBERS ARE CONSISTENT WITH CAPACITY, FEATURES, AND ACCESSORIES CALLED FOR AND IDENTIFY ANY CONFLICTS PRIOR TO SUBMITTING QUOTATIONS TO CONTRACTORS. ALL EQUIPMENT WITH ELECTRICAL COMPONENTS SHALL HAVE UL LISTING AS REQUIRED BY THE ELECTRICAL INSPECTOR. ALTERNATE MANUFACTURERS WILL BE CONSIDERED: HOWEVER, A/E FINAL APPROVAL OF EQUALITY OF ALTERNATE MANUFACTURER MODELS IS REQUIRED. ACCEPTABLE ALTERNATE MANUFACTURERS INCLUDE BELL AND GOSSETT, AMTROL, TACO, AO SMITH, STATE, OR AS INDICATED OR PRIOR-APPROVED OTHERWISE. ALTERNATE MANUFACTURERS WITH PRIOR APPROVAL ARE STILL RESPONSIBLE FOR MEETING OR EXCEEDING THE QUALITY AND FEATURES OF THE SPECIFIED ITEMS.

PLUMBING FIXTURES

A. PLUMBING FIXTURE ACCESSORIES

FIXTURE CARRIERS: PROVIDE CAST IRON OR STEEL CARRIERS FOR ALL WALL-HUNG FIXTURES WITH CONCEALED FIXTURE CARRIERS CONSTRUCTED FOR THE PARTICULAR FIXTURE, HEAVY DUTY CONSTRUCTION WITH SECURE ANCHORING TO CONCRETE FLOOR. SMITH, WADE, ZURN, OR APPROVED. BACK LUG OF WATER CLOSET CARRIERS SHALL BE ANCHORED TO FLOOR. WHERE FLOOR CONSTRUCTION IS WOOD, CARRIERS SHALL BE DESIGNED TO BE BRACED TO THE WALL FRAMING FOR ADDED RIGIDITY.

DRAINS AND TRAPS: PROVIDE GRID STRAINER DRAINS FOR ALL LAVATORIES UNLESS INDICATED OTHERWISE. PROVIDE BASKET STRAINER DRAINS FOR ALL SINKS UNLESS INDICATED OTHERWISE. PROVIDE TRAPS AND TAILPIECES AT ALL FIXTURES UNLESS TRAP IS INTEGRAL WITH FIXTURE.

STOPS: PROVIDE CHROME STOPS AT EACH WATER CONNECTION TO EACH FIXTURE, EXCEPT WHERE A FAUCET OR CONTROL HAS INTEGRAL STOPS. STOPS SHALL BE A LOOSE KEY PATTERN WITH SHIELD; CHICAGO, BRIDGEPORT BRASS, BRASS CRAFT (SPEEDWAY), TELEDYNE, OR EQUIVALENT.

CAULKING: PROVIDE SILICONE SEALER BETWEEN THE TOP AND THE SIDES OF PLUMBING FIXTURES AND ADJACENT WALL SURFACES; GENERAL ELECTRIC NO. SCS1202. APPLY PER MANUFACTURER'S RECOMMENDATIONS TO FORM A SMOOTH, UNOBTRUSIVE JOINT.

EXPOSED PLUMBING: IN GENERAL, ALL PIPING SHALL BE CONCEALED UNLESS INDICATED OTHERWISE. ANY PIPING THAT MUST BE EXPOSED WITHIN CABINETS OR OTHERWISE, DUE TO CONNECTIONS REQUIRED FOR FIXTURES AND EQUIPMENT. SHALL BE PAINTED SILVER. ALL EXPOSED ITEMS, INCLUDING STOPS, TRAPS, ETC., SHALL BE CHROME PLATED.

B. PLUMBING FIXTURES

GENERAL: PROVIDE THE PLUMBING FIXTURES AS INDICATED ON THE DRAWINGS. PROVIDE THE MANUFACTURER AND MODEL NUMBERS AS INDICATED; HOWEVER, CONTRACTOR SHALL VERIFY MODEL NUMBERS OF FIXTURES, FLUSH VALVES, FAUCETS, ETC., FIT TOGETHER PROPERLY. ALTERNATE MANUFACTURERS WILL BE CONSIDERED; HOWEVER, A/E FINAL APPROVAL OF EQUALITY OF ALTERNATE MANUFACTURER MODELS IS REQUIRED. ACCEPTABLE ALTERNATE FIXTURE MANUFACTURERS INCLUDE KOHLER, AMERICAN STANDARD, ELJER, ELKAY, JUST, OR AS INDICATED OR PRIOR APPROVED OTHERWISE. ALTERNATE MANUFACTURERS WITH PRIOR APPROVAL ARE STILL RESPONSIBLE FOR MEETING OR EXCEEDING THE QUALITY AND FEATURES OF THE SPECIFIED ITEMS.

PLUMBING ACCESSORIES AND EQUIPMENT

GREASE INTERCEPTOR: CAST IRON OR STEEL BODY WITH CORROSION-RESISTANT ENAMEL INTERIOR LINING AND EXTERNAL COATING WITH FLOW-CONTROL FITTING, FOR INTERCEPTING FATS, OILS OR GREASE FROM FOOD PREPARATION OR PROCESS WASTEWATER. PROVIDE EITHER ABOVE-FLOOR OR RECESSED FOR FLUSH-WITH-FLOOR INSTALLATION AS REQUIRED. ASME STANDARD A112.14.3. JR SMITH OR EQUAL.

INSULATION REQUIREMENTS

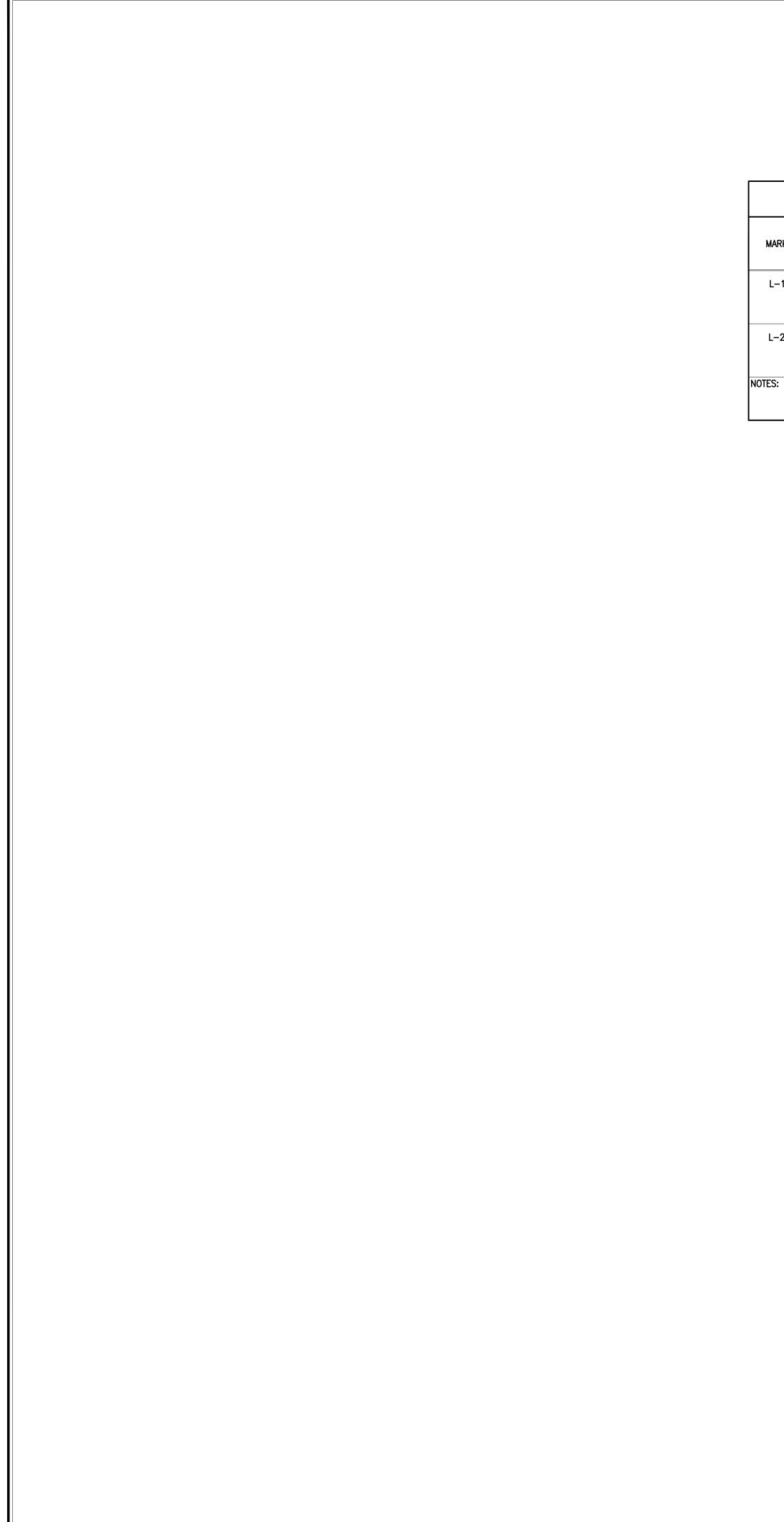
1. PIPE INSULATION REQUIREMENTS:

DOMESTIC COLD WATER: 1/2" THICK ON 1" DIAMETER PIPE AND SMALLER. 1 THICK ON ALL PIPING LARGER THAN 1" DIAMETER.

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

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

Seat	E N (.0717	N ₹5
	A YUGP	D NA STORE TO STORE STATE	
	ultiQ	Care /	
	GS Suite	tiCare MOB 4400 ic T.I.	
	/allup, DATE	Th St SE WA 9837 DESCRIPTION PERMIT SUBMITT	
PROJEC	CT NO.	31	251
SHEE PLU	IGHT TO: T TITLE: JMBI	10 APRIL 2	
SHEE	⊤#: Р(0.2	

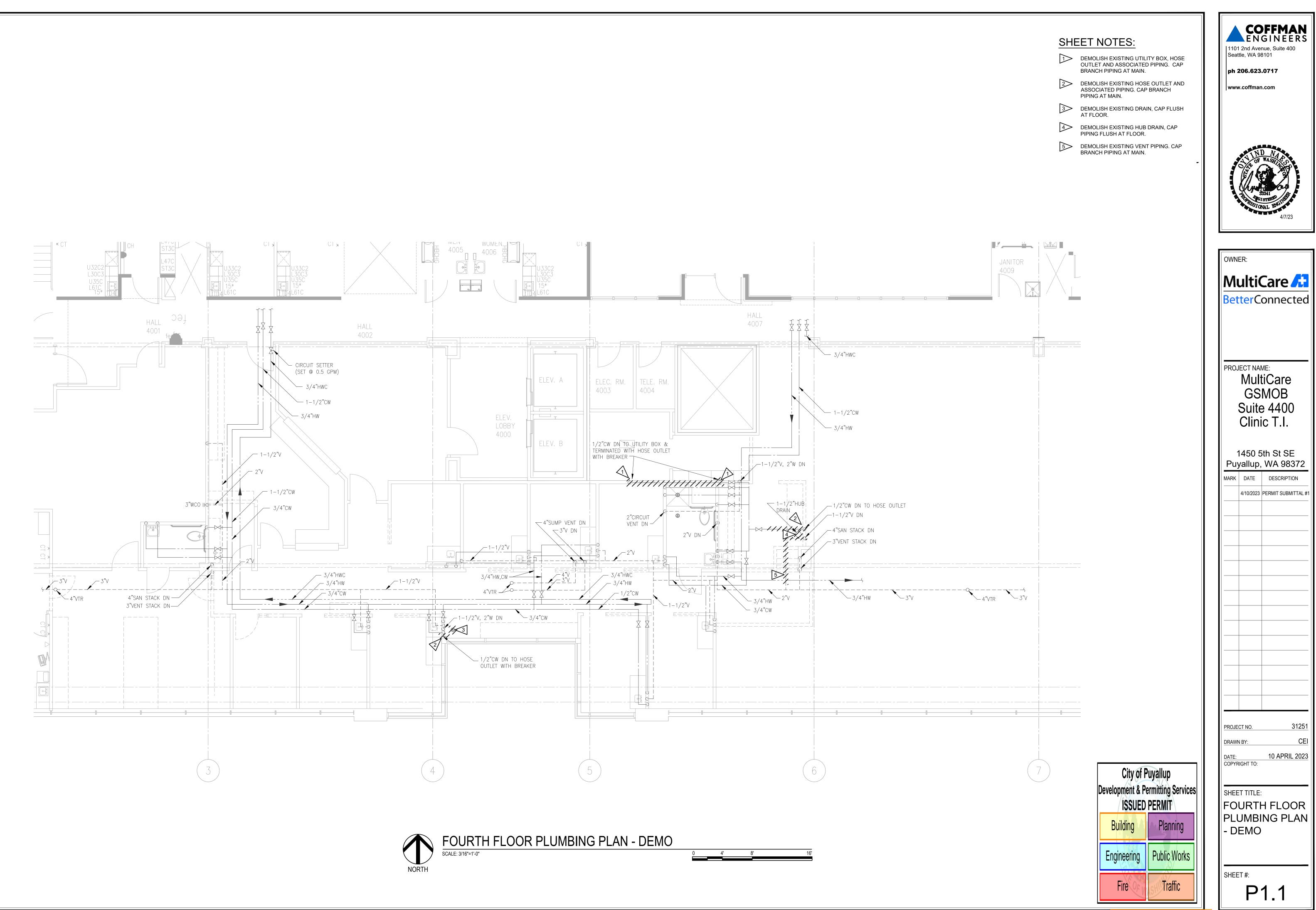


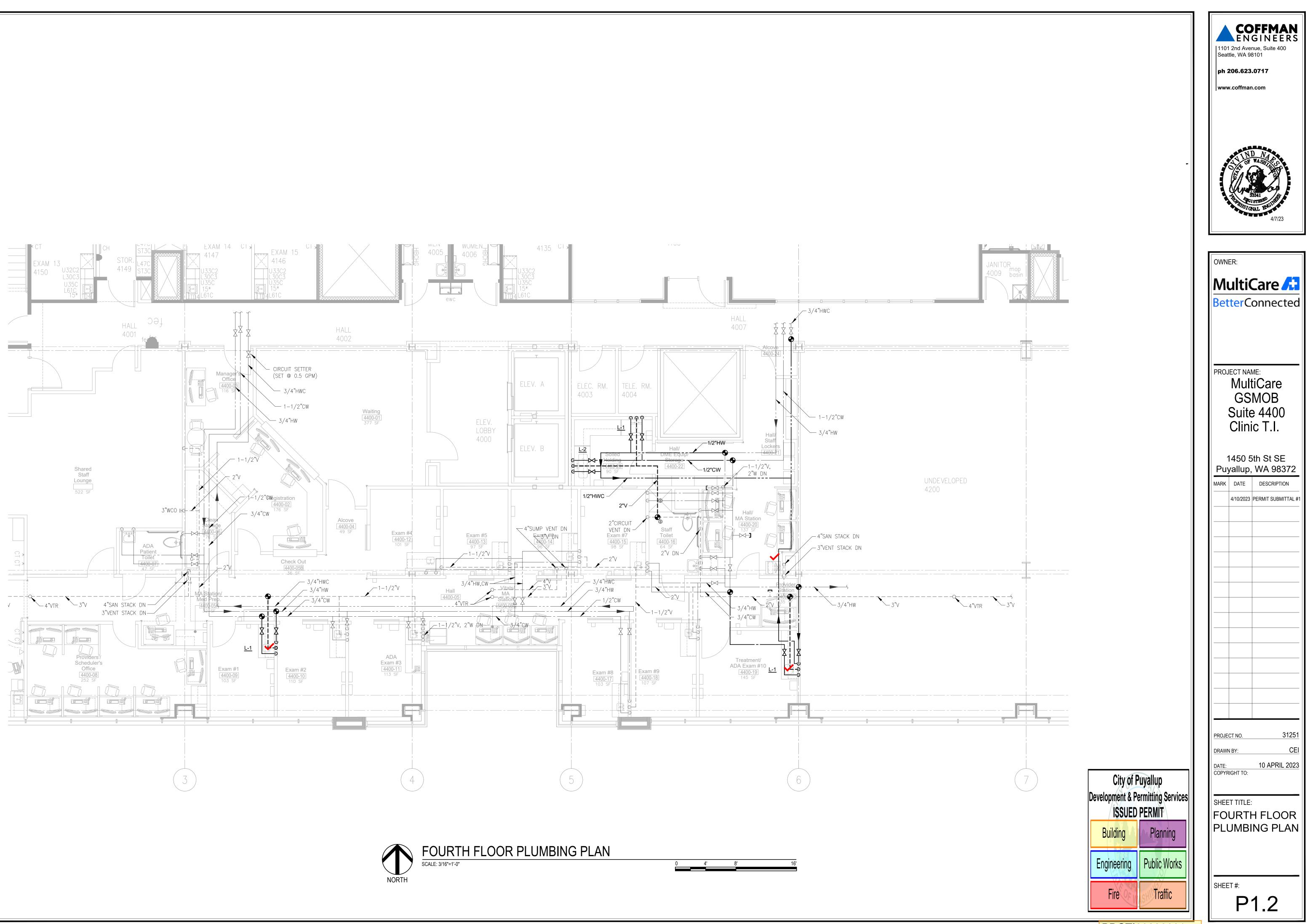
						PLU	MBING FIXTU	RES
			SERVICE	PIPE SIZE		BASIS (OF DESIGN	
MARK	ITEM	WASTE	VENT	C.W.	H.W.	MANUFACTURER	MODEL	
L-1	HAND WASH SINK	2"	2"	1/2"	1/2"	BY ARCHITECT	BY ARCHITECT	SINGLE COMPARTMENT SINK.
	FAUCET					BY ARCHITECT	BY ARCHITECT	
2	DOUBLE SINK	2"	2"	1/2"	1/2"	BY ARCHITECT	BY ARCHITECT	DOUBLE COMPARTMENT SINK.
	FAUCET					BY ARCHITECT	BY ARCHITECT	

REMARKS		

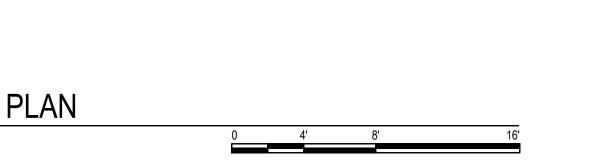
COFFFMANS 101 2nd Avenue, Suite 400 Seattle, WA 98101 ph 206.623.0717 www.coffman.com							
owner: MultiCare BetterConnected							
	GS Suite	ME: tiCare MOB e 4400 c T.I.					
1450 5th St SE Puyallup, WA 98372 MARK DATE DESCRIPTION 4/10/2023 PERMIT SUBMITTAL #1							
PROJE		31251 CEI 10 APRIL 2023					
PLI	JMBI HEDI						
SHEE		0.3					

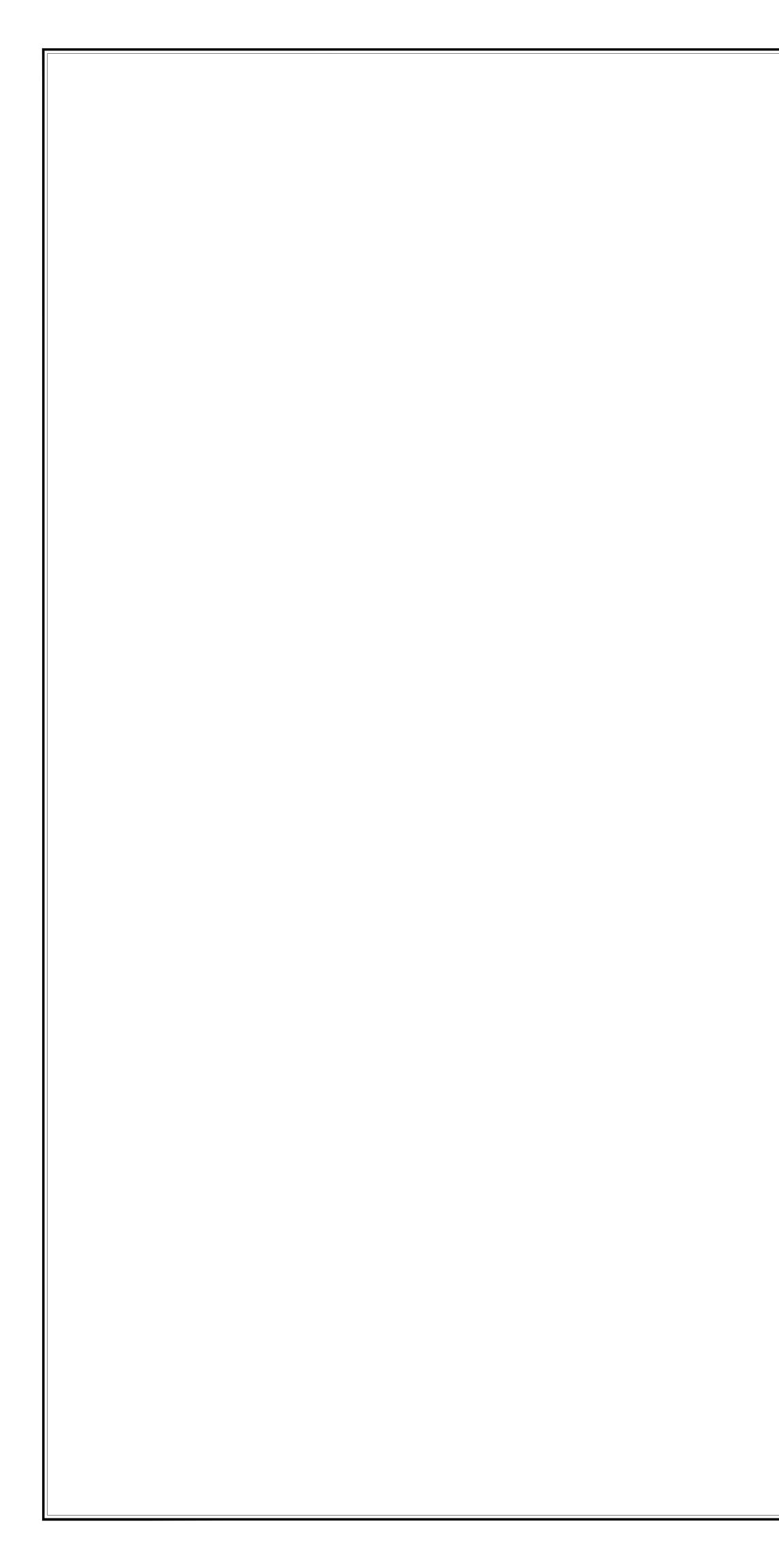
City of Puyallup Development & Permitting Services ISSUED PERMIT					
Building	Planning				
Engineering	Public Works				
Fire	Traffic				

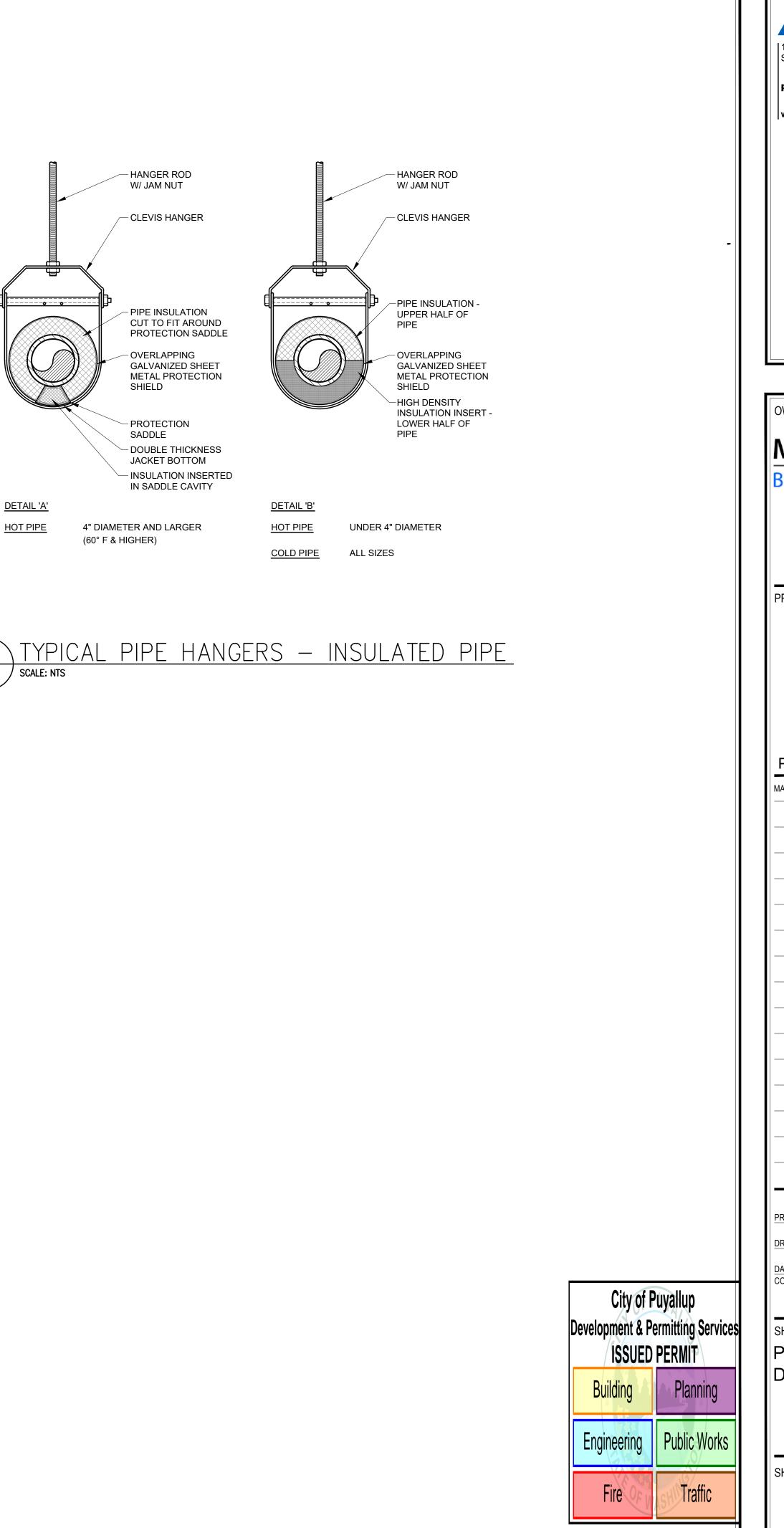


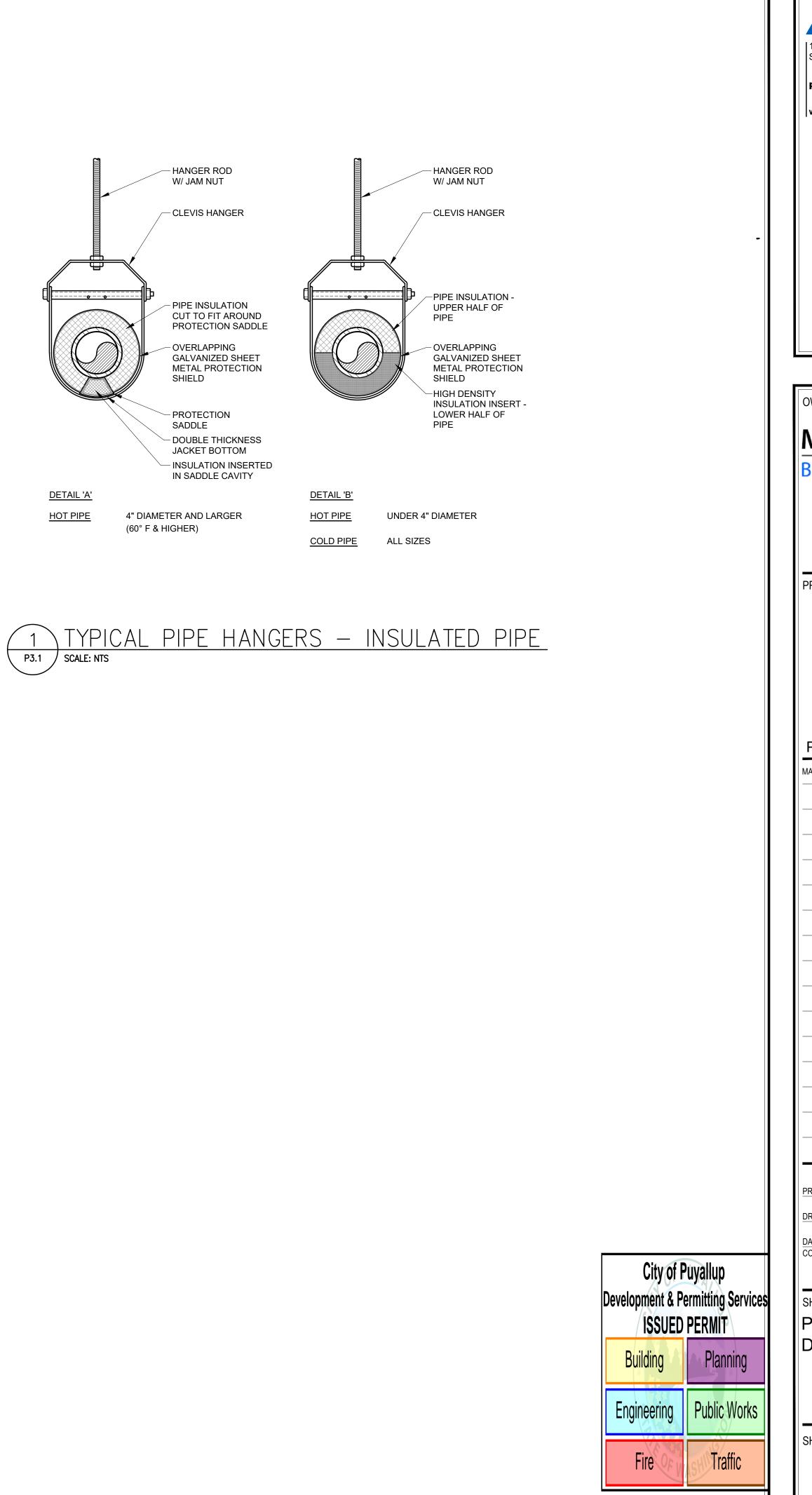












LI101 2nd Avenue Seattle, WA 9810 ph 206.623.07 www.coffman.co	1 7 17
THOMASSING AND	A/7/23
owner: MultiCa BetterCo	
PROJECT NAME Multi GSN Suite Clinic	Care IOB 4400
PROJECT NO.	31251
COPYRIGHT TO: SHEET TITLE:	CEI 10 APRIL 2023
PLUMBIN DETAILS SHEET #: P3	

NURSE CALL

မၜ 6

ЮД

PATIENT STATION, SINGLE

DOME LIGHT, WALL-MOUNTED & CEILING-MOUNTED

FIRE ALARM

 \bigcirc SMOKE DETECTOR SS) DUCT SMOKE DETECTOR

STROBE, WALL-MOUNTED & CEILING-MOUNTED

CIRCUITS LIGHT FIXTURES

DTS=DRAWN TO SCALE NTS=NOT TO SCALE LTS=LENGTH ONLY TO SCALE, REFER TO FIXTURE SCHEDULE **a** LOWER-CASE LETTER DENOTES SWITCH LEG

- RECESSED, DTS SURFACE-MOUNTED, DTS
- STRIP, LTS
- ● ● RECESSED DOWNLIGHT, DTS

N/A EXIT SIGN, FILLED SIDE ILLUMINATED, DIRECTIONAL ARROWS AS INDICATED, NTS

LIGHTING CONTROLS

- LOWER-CASE LETTER DENOTES CIRCUIT CONTROLLED
- SINGLE-POLE SWITCH
- DIMMER SWITCH
- 3-WAY SWITCH OCCUPANCY SENSOR SWITCH **S**0
- (0S)OCCUPANCY SENSOR, CEILING-MOUNTED
- PS PHOTO SENSOR CONTROL, CEILING-MOUNTED



Separate electrical permit is required with Washington State Department of Labor & Industries. https://lni.wa.gov/licensing-permits/electrical/electrical -permits-fees-and-inspections or Licensing

information: Call 1-800-647-0982

ONE-LINE DIAGRAM

	•••••
 (A)	AVAILABLE FAULT CURRENT IDENTIFICATION
	AUTOMATIC TRANSFER SWITCH (ATS)
]	CIRCUIT BREAKER
GF	CIRCUIT BREAKER, GFI
~~~>~	CIRCUIT BREAKER, DRAWOUT
6	ENGINE-GENERATOR
	FUSE OR CURRENT LIMITER
	FUSED SWITCH
4	GROUND
M	METER
ر ش س	RELAY, GFI
SPD	SURGE PROTECTIVE DEVICE
	TRANSFORMER
9	TRANSFORMER, CURRENT

## EQUIPMENT

( A )EQUIPMENT CONNECTION

F 3 GROUND BAR, LENGTH TO SCALE TRANSFORMER

## CONTROLS

- DISCONNECT SWITCH FUSED DISCONNECT SWITCH ENCLOSED CIRCUIT BREAKER
  - AUTO DOOR PUSHPLATE
  - MOTOR-RATED TOGGLE SWITCH

## TELECOM

- $\nabla^{\#}$ DATA OUTLET, # INDICATES QUANTITY OF JACKS
- VOICE OUTLET, # INDICATES QUANTITY OF JACKS ▼#
- $\mathbf{v}^{\#/\#}$  combination data and voice outlet, # INDICATES QUANTITY OF JACKS VOICE/DATA WIRELESS ACCESS POINT

## CIRCUITS **RECEPTACLES**

DUPLEX, 120V

EMERGENCY

- DOUBLE DUPLEX, 120V
- ▲ ▲ 208V OR 240V, SINGLE-PHASE DUPLEX, 120V, FLUSH FLOOR BOX

## **RECEPTACLE TYPES**

- ▲ MOUNTED 3" ABOVE COUNTER BACKSPLASH
- $\mathbf{\Phi}^{\mathsf{G}}$  ground fault circuit interrupter (GFCI)
- መነ TAMPER RESISTANT
- WP GFCI WITH WEATHER PROOF COVER

## PANELBOARDS

- 208V SYSTEM PANELBOARD
- 480V SYSTEM PANELBOARD

# CIRCUITS

------ RACEWAY CONCEALED IN CEILING OR WALL EXISTING RACEWAY ---- RACEWAY BELOW SLAB OR UNDERGROUND ------- RACEWAY UP ----- RACEWAY DOWN RACEWAY STUB-OUT WITH BUSHING CIRCUIT CONTINUATION -----> HOMERUN JJ JUNCTION BOX PB PULL BOX

# **SECURITY**

CARD READER REQUEST TO EXIT CCTV CAMERA, CEILING-MOUNTED

CR REX

 $\bigcirc$ 

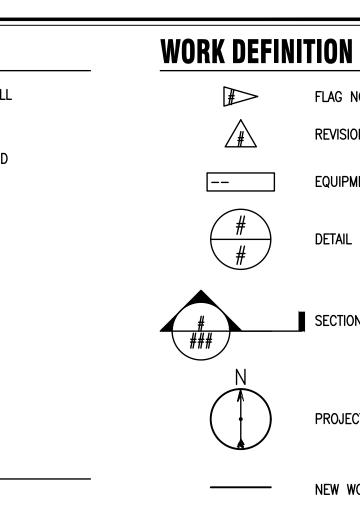
# **STANDARD MOUNTING**

LOCATE DEVICES AS NOTED BELOW UNLESS OTHERWISE INDICATED. OUTLET HEIGHTS ARE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE OUTLET UNLESS OTHERWISE NOTED.

RECEPTACLES	18" VERTICALLY MOUNTED
SWITCHES	43" VERTICALLY MOUNTED
CARD READER	43"
TELECOM OUTLET, DESK HANDSET	18" VERTICALLY MOUNTED
TELECOM OUTLET, WALL HANDSET	43" VERTICALLY MOUNTED

# **ELECTRICAL SHEET LIST**

SHEET NUMBER	SHEET NAME
E0.0	ELECTRICAL SYMBOLS AND ABBREVIATIONS
E0.1	ELECTRICAL SPECIFICATIONS
ED1.1	PARTIAL FOURTH FLOOR PLAN - ELECTRICAL DEMOLITION
ED2.1	PARTIAL FOURTH FLOOR PLAN - LIGHTING DEMOLITION
E1.1	PARTIAL FOURTH FLOOR PLAN - POWER
E2.1	PARTIAL FOURTH FLOOR PLAN - LIGHTING
E2.2	PARTIAL FOURTH FLOOR PLAN - LIGHTING
E3.1	PARTIAL FOURTH FLOOR PLAN - SYSTEMS
E4.1	ELECTRICAL DETAILS
E6.1	ONE-LINE DIAGRAM
E7.1	ELECTRICAL SCHEDULES



Η	EI	G	HT	S

JAK DEFINITION		
	FLAG NOTE	
<b>A</b>	REVISION IDENTIFICATION	
	EQUIPMENT IDENTIFICATION	
#	DETAIL REFERENCE	
	SECTION REFERENCE	
N	PROJECT NORTH REFERNCE	
	NEW WORK	

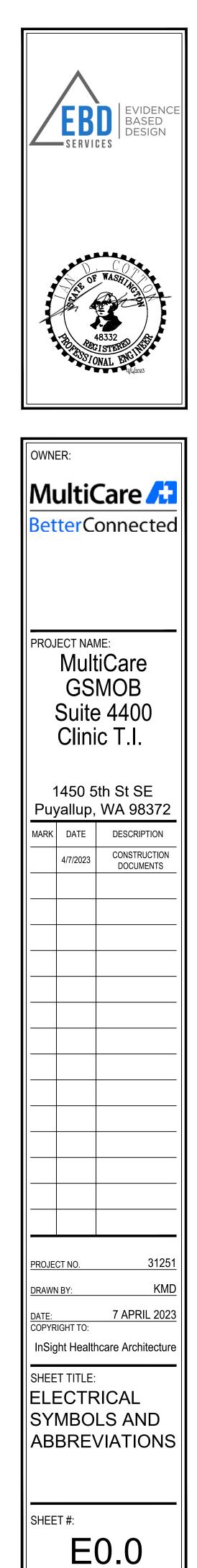
- EXISTING CONDITIONS
- _ _ _ _ FUTURE WORK
- //// ××× DEMOLISH EXISTING

## **GENERAL NOTES:**

- 1. ALL ELECTRICAL WORK AND MATERIALS ARE TO COMPLY WITH THE LATEST REQUIREMENTS OF ALL APPLICABLE CITY, COUNTY, AND STATE CODES AS WELL AS THE NATIONAL ELECTRICAL CODE AS ADOPTED AND AMENDED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- 2. FOR EXACT LOCATIONS OF ALL ELECTRICAL DEVICES AND LIGHTING FIXTURES, REFER TO THE ARCHITECTURAL DRAWINGS.

ABBRI	EVIATIONS		
A,AMP	AMPERE	LS	LIFE SAFETY
AC	3" ABOVE COUNTER	LTG	LIGHTING
	BACKSPLASH	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AHJ	AUTHORITY HAVING	MIN	MINIMUM
	JURISDICTION	MLO	MAIN LUGS ONLY
AIC	AMPERE INTERRUPTING	Ν	NEUTRAL
	CAPACITY	NEC	NATIONAL ELECTRICAL CODE
ATS	AUTOMATIC TRANSFER	NFPA	NATIONAL FIRE PROTECTION
	SWITCH		ASSOCIATION
AWG	AMERICAN WIRE GAUGE	NIC	NOT IN CONTRACT
BKR	BREAKER	NTS	NOT TO SCALE
С	CONDUIT	OCPD	OVERCURRENT PROTECTIVE
СВ	CIRCUIT BREAKER		DEVICE
CKT	CIRCUIT	PB	PULLBOX
CLG	CEILING	PNL	PANEL, PANELBOARD
COMM	COMMUNICATIONS	PWR	POWER
CU	COPPER	RCP	REFLECTED CEILING PLAN
D	DATA	RCPT	RECEPTACLE
DTS	DRAWN TO SCALE	REF	REFRIGERATOR
G,GND	GROUND	SPECS	SPECIFICATIONS
GEN	GENERATOR	SW	SWITCH
GFI,GFCI	GROUND FAULT CIRCUIT	SWBD	SWITCHBOARD
	INTERRUPTER	TELECOM	
HP	HORSEPOWER	TYP	TYPICAL
HTR	HEATER	UC	UNDER COUNTER
JB,J-BOX		V	VOLT OR VOICE
KV	KILOVOLT	W	WIRE, WATT, OR WALLPHONE
KVA	KILOVOLT AMPERE	WAP	WIRELESS ACCESS POINT
KW	KILOWATT	WP	WEATHERPROOF
KWH	KILOWATT HOUR	XFMR	TRANSFORMER
LED	LIGHT EMITTING DIODE	ø	PHASE

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



SECTION 26 05 10 - EXISTING SYSTEMS:	B. BRANCH CIRCUITS CONCEALED IN CEILINGS,
PART 1 – GENERAL	CONDUCTORS IN RACEWAY. BRANCH CIRCUI CABLE NOT PERMITTED FOR BRANCH CIRCUI
1.1 INDICATED EXISTING SYSTEMS	<u>SECTION 26 27 26 – WIRING DEVICES</u> PART 1 – GENERAL
A. THE ELECTRICAL DRAWINGS SHOW PORTIONS OF THE EXISTING ELECTRICAL SYSTEMS WHICH ARE TO REMAIN, BE REMOVED OR BE MODIFIED. THE EXISTING INFORMATION IS DERIVED FROM RECORD DRAWINGS AND OTHER DATA OBTAINED FROM OR WITH THE PERMISSION OF THE OWNER. WHERE INDICATED, CONCEALED SYSTEMS ARE ALSO DERIVED FROM RECORD DRAWINGS AND THE ENGINEER'S BEST JUDGMENT OF THE CONFIGURATION.	<ul> <li>1.1 SUMMARY</li> <li>A. SECTION INCLUDES:</li> <li>1. RECEPTACLES, RECEPTACLES WITH INTEG</li> </ul>
B. THE CONTRACTOR SHALL INSPECT THE EXISTING INSTALLATION PRIOR TO BIDDING AND SHALL JUDGE THE WORK REQUIRED. INSPECTION SHALL INCLUDE AREAS WITHIN AND ADJACENT TO THE WORK OF ANY DISCIPLINE OR TRADE PERFORMING WORK FOR THE CONTRACT.	<ol> <li>WALL-BOX MOTION SENSORS.</li> <li>TAMPER-RESISTANT RECEPTACLES.</li> <li>WEATHER RESISTANT RECEPTACLES.</li> </ol>
C. THE COMPLETE EXTENT OF THE EXISTING SYSTEMS COULD NOT BE VERIFIED DURING CREATION OF THE CONSTRUCTION DOCUMENTS. UNLESS THE CONTRACTOR'S INSPECTION OF THE EXISTING SYSTEM DETERMINES A GREATER AMOUNT, THE CONTRACTOR SHALL ASSUME THERE IS 20% MORE EXISTING ELECTRICAL SYSTEMS THAN WHAT IS INDICATED ON THE CONTRACT DRAWINGS.	5. SNAP SWITCHES AND WALL-BOX DIMMER 1.2 ADMINISTRATIVE REQUIREMENTS A. RECEPTACLES FOR OWNER-FURNISHED EQUI
1.1 POWER OUTAGES	B. SOURCE LIMITATIONS: OBTAIN EACH TYPE OF FROM SINGLE MANUFACTURER.
A. IT IS REQUIRED THAT THE CONTRACTOR FULLY SCHEDULE ELECTRICAL SYSTEM(S) OUTAGES WITH THE OWNER. CONTRACTOR SHALL WORK CLOSELY WITH OWNER TO ASSURE THE OWNER FULLY UNDERSTANDS THE EXTENT OF EACH OUTAGE. OWNER MAINTAINS THE RIGHT TO LIMIT THE EXTENT AND LENGTH OF ANY GIVEN OUTAGE. ASSUME ALL OUTAGES TO ELECTRICAL SYSTEM(S) IN OWNER OCCUPIED AREAS WILL REQUIRE PREMIUM TIME AND	<ul> <li>1.3 ACTION SUBMITTALS</li> <li>A. PRODUCT DATA: FOR EACH TYPE OF PRODU</li> <li>PART 2 – PRODUCTS</li> <li>2.1 MANUFACTURERS</li> </ul>
THAT TEMPORARY ELECTRICAL WORK MAY BE REQUIRED TO LIMIT THE DURATION OF OUTAGES. B. CUTOVERS MUST MAKE ALTERNATIVE ARRANGEMENTS TO DELIVER POWER TO THE LOAD AT ALL TIMES UNLESS OTHERWISE NOTED BY THE OWNER.	<ul> <li>A. MANUFACTURERS' NAMES: SHORTENED VERSI NAMES ARE USED IN OTHER PART 2 ARTICL</li> <li>1. COOPER WIRING DEVICES; DIVISION OF C</li> </ul>
PART 2 - PRODUCTS 2.1 EXISTING MATERIALS	<ol> <li>2. HUBBELL INCORPORATED; WIRING DEVICE</li> <li>3. LEVITON MFG. COMPANY INC. (LEVITON).</li> <li>4. PASS &amp; SEYMOUR/LEGRAND (PASS &amp; S</li> </ol>
A. ALL MATERIALS WHICH ARE A PART OF THE BUILDING SHALL REMAIN THE PROPERTY OF THE OWNER. 2.2 EXISTING MATERIALS TO BE REINSTALLED	2.2 GENERAL WIRING-DEVICE REQUIREMENTS A. WIRING DEVICES, COMPONENTS, AND ACCESS QUALIFIED TESTING AGENCY, AND MARKED F
A. EXISTING MATERIALS AND EQUIPMENT (EXCEPT INTERIOR, UNDAMAGED RACEWAYS) THAT ARE REMOVED AS A PART OF THE WORK OR STORED IN SURPLUS SHALL NOT BE REINSTALLED AS A PART OF THE NEW SYSTEMS UNLESS SPECIFICALLY NOTED OR AUTHORIZED IN WRITING BY THE OWNER. FORWARD A COPY OF THE AUTHORIZATION TO THE ENGINEER. THE REQUIREMENTS OF THE SPECIFICATIONS (I.E., CONDITION, INSTALLATION, TESTING, ETC.) SHALL APPLY AS IF THE MATERIALS WERE NEW, FURNISHED BY THE CONTRACTOR.	<ul> <li>B. MODULAR PLUG IN CONNECTOR TYPE</li> <li>1. HOSPITAL GRADE (20 AMP): DUPLEX NE PLUG IN CONNECTOR TO ALLOW RECEPT 8300_M, HUBBELL SNAP8300I, LEVITON</li> </ul>
<ul> <li>2.3 EXISTING MATERIALS NOT TO BE REINSTALLED</li> <li>A. IN COORDINATION WITH THE ARCHITECT, THESE MATERIALS SHALL BE MADE AVAILABLE FOR INSPECTION AND DECISION AS TO WHETHER THE OWNER WILL RETAIN POSSESSION. ITEMS SELECTED FOR RETENTION SHALL BE TURNED OVER TO THE OWNER. THESE ITEMS SHALL BE DELIVERED TO A LOCATION ON THE PREMISES SELECTED</li> </ul>	C. BACK AND SIDE WIRED TYPE 1. HOSPITAL GRADE (20 AMP): DUPLEX NE COOPER 83001, HUBBELL 83001, LEVITO
TURNED OVER TO THE OWNER. THESE ITEMS SHALL BE DELIVERED TO A LOCATION ON THE PREMISES SELECTED BY THE OWNER. TAKE REASONABLE CARE TO AVOID DAMAGE TO THIS MATERIAL. IF THE CONTRACTOR FAILS TO CONFORM TO THIS REQUIREMENT, CONTRACTOR SHALL PURCHASE AND TURN OVER TO THE OWNER REPLACEMENT MATERIAL OF LIKE KIND AND QUANTITY.	D. TAMPER-RESISTANT CONVENIENCE RECEPTAGE CONFIGURATION 5-20R, UL 498 SUPPLEMENT REQUIREMENTS, PROVIDE ONE OF THE FOLL
<ul> <li>B. ALL MATERIAL NOT SELECTED FOR RETENTION BY THE OWNER AND DEBRIS SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR.</li> <li>PART 3 – EXECUTION</li> </ul>	<ol> <li>COOPER; TR8300.</li> <li>HUBBELL; HBL8300SGA.</li> <li>LEVITON; 8300-SGG.</li> <li>PASS &amp; SEYMOUR; TR63H.</li> </ol>
3.1 EXISTING CONDITIONS	E. GFCI RECEPTACLES
A. FIELD TRACE ALL EXISTING CIRCUITRY AFFECTED BY THE PROJECT TO DETERMINE:	A. GENERAL DESCRIPTION:
<ol> <li>SOURCE OF SUPPLY OR INFORMATION COLLECTION POINT WITHIN THE PROJECT AREA</li> <li>LOAD OR TERMINATION WITHIN THE PROJECT AREA</li> <li>LOAD OR TERMINATION OUTSIDE THE PROJECT AREA, BUT SUPPLIED FROM OR CONNECTED TO EQUIPMENT WITHIN THE PROJECT AREA</li> </ol>	<ol> <li>STRAIGHT BLADE, FEED-THROUGH TYPE.</li> <li>COMPLY WITH NEMA WD 1, NEMA WD 6</li> <li>INCLUDE INDICATOR LIGHT THAT SHOWS PROPER GFCI PROTECTION.</li> </ol>
<ol> <li>LOADS SUPPLIED FROM AND LOCATED OUTSIDE OF THE PROJECT AREA BUT HAVE CIRCUITRY WITHIN THE PROJECT AREA.</li> <li>PROVIDE UPDATED PANEL SCHEDULES FOR AFFECTED PANELBOARDS ALONG WITH EXISTING CIRCUIT INFORMATION FOR ALL DEVICES/LOADS THAT ARE MAINTAINED IN SERVICE INSIDE THE PROJECT AREA OR FOR DEVICES THAT REQUIRED TEMPORARY SERVICES OUTSIDE THE PROJECT AREA NORMALLY SUPPLIED BY THE AFFECTED PANELBOARD. UPDATED PANEL SCHEDULES AND AS-BUILT MARK-UP DRAWINGS OF EXISTING CONDITIONS SHALL BE PROVIDED TO THE OWNER AND ENGINEER.</li> </ol>	<ul> <li>B. DUPLEX GFCI CONVENIENCE RECEPTACLES, 1.</li> <li>PRODUCTS: SUBJECT TO COMPLIANCE N</li> <li>a. CATALOG NUMBERS IN LIST BEL RECEPTACLES DOWNSTREAM ON THE TYPES ARE REQUIRED.</li> </ul>
SECTION 26 05 19 - LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES PART 1 - GENERAL 1.1 SUMMARY	<ul> <li>b. COOPER; VGF20.</li> <li>c. HUBBELL; GFR5352L.</li> <li>d. PASS &amp; SEYMOUR; 2095.</li> <li>e. LEVITON; 7590.</li> </ul>
A. SECTION INCLUDES:	2.3 TOGGLE SWITCHES
<ol> <li>BUILDING WIRES AND CABLES RATED 600 V AND LESS.</li> <li>CONNECTORS, SPLICES, AND TERMINATIONS RATED 600 V AND LESS.</li> </ol>	A. COMPLY WITH NEMA WD 1, UL 20, AND FS
PART 2 - PRODUCTS	B. SWITCHES, 120/277 V, 20 A: 1. PRODUCTS: SUBJECT TO COMPLIANCE
<ul> <li>2.1 CONDUCTORS AND CABLES</li> <li>A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:</li> </ul>	a. SINGLE POLE: 1) COOPER; AH1221. 2) HUBBELL; HBL1221. 3) LEVITON; 1221-2.
<ol> <li>ALCAN PRODUCTS CORPORATION; ALCAN CABLE DIVISION.</li> <li>ALPHA WIRE.</li> <li>BELDEN INC.</li> </ol>	4) PASS & SEYMOUR; CSB20AC1.
<ol> <li>BLEDEN INC.</li> <li>ENCORE WIRE CORPORATION.</li> <li>GENERAL CABLE TECHNOLOGIES CORPORATION.</li> </ol>	2.4 WALL-BOX DIMMERS A. DIMMER SWITCHES: MODULAR, FULL-WAVE, S
<ul><li>6. SOUTHWIRE INCORPORATED.</li><li>B. COPPER CONDUCTORS: COMPLY WITH NEMA WC 70/ICEA S-95-658.</li></ul>	AUDIBLE FREQUENCY AND EMI/RFI SUPPRES B. CONTROL: CONTINUOUSLY ADJUSTABLE SLID UL 1472.
<ul> <li>C. CONDUCTOR INSULATION: COMPLY WITH NEMA WC 70/ICEA S-95-658 FOR TYPE THHN-2-THWN-2 AND TYPE XHHW-2.</li> <li>2.2 CONNECTORS AND SPLICES</li> <li>A MANUEACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE</li> </ul>	2.5 OCCUPANCY SENSORS A. EACH MANUFACTURER'S SWITCH RATING IS E THAN 800-VA FLUORESCENT AT 120 V, 120
A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:	<ul><li>B. WALL-SWITCH SENSORS:</li><li>1. PRODUCTS: SUBJECT TO COMPLIANCE V</li></ul>
<ol> <li>AFC CABLE SYSTEMS, INC.</li> <li>GARDNER BENDER.</li> <li>HUBBELL POWER SYSTEMS, INC.</li> <li>IDEAL INDUSTRIES, INC.</li> </ol>	<ol> <li>1.1. COOPER; 6111 FOR 120 V, 6117</li> <li>1.2. HUBBELL; WS1277.</li> <li>1.3. LEVITON; ODS 10-ID.</li> </ol>
<ol> <li>ILSCO; A BRANCH OF BARDES CORPORATION.</li> <li>NSI INDUSTRIES LLC.</li> <li>O-Z/GEDNEY; A BRAND OF THE EGS ELECTRICAL GROUP.</li> </ol>	1.4. PASS & SEYMOUR; WS3000. 1.5. WATT STOPPER (THE); WS-200. 2. DESCRIPTION: PASSIVE-INFRARED TYPE,
<ul><li>8. 3M; ELECTRICAL MARKETS DIVISION.</li><li>9. TYCO ELECTRONICS.</li></ul>	180-DEGREE FIELD OF VIEW, WITH A MI
10. OR APPROVED EQUIVALENT PRIOR TO BIDDING. B. DESCRIPTION: FACTORY-FABRICATED CONNECTORS AND SPLICES OF SIZE, AMPACITY RATING, MATERIAL, TYPE,	C. WALL-SWITCH SENSORS: 1. PRODUCTS: SUBJECT TO COMPLIANCE W
AND CLASS FOR APPLICATION AND SERVICE INDICATED. PART 3 – EXECUTION 3.1 CONDUCTOR MATERIAL APPLICATIONS	<ol> <li>HUBBELL; AT120 FOR 120 V, AT27</li> <li>LEVITON; ODS 15-ID.</li> <li>DESCRIPTION: ADAPTIVE-TECHNOLOGY T 180-DEGREE FIELD OF VIEW, WITH A MI</li> </ol>
A. BRANCH CIRCUITS: COPPER. SOLID OR STRANDED FOR NO. 10 AWG AND SMALLER; STRANDED FOR NO. 8 AWG AND LARGER.	D. LONG-RANGE WALL-SWITCH SENSORS:
<ul> <li>3.2 CONDUCTOR INSULATION AND MULTICONDUCTOR CABLE APPLICATIONS AND WIRING METHODS</li> <li>A. EXPOSED BRANCH CIRCUITS, INCLUDING IN CRAWLSPACES: TYPE THHN-2-THWN-2, SINGLE CONDUCTORS IN RACEWAY.</li> </ul>	1. PRODUCTS: SUBJECT TO COMPLIANCE W 1.1. HUBBELL; ATD1600WRP. 1.2. LEVITON; ODW12-MRW.

WALLS, AND PARTITIONS: TYPE THHN-2-THWN-2, SINGLE JIT HOMERUNS SHALL BE SINGLE CONDUCTORS IN RACEWAY, TYPE MC IT.	<ol> <li>WATT STOPPER (THE); DT-200.</li> <li>DESCRIPTION: DUAL TECHNOLOGY, WITH BOTH PASSIVE-INFRARED- AND ULTRASONIC-TYPE SENSING, 120/277 V, ADJUSTABLE TIME DELAY UP TO 30 MINUTES, 110-DEGREE FIELD OF VIEW, AND A MINIMUM COVERAGE AREA OF 1200 SQ. FT. (111 SQ. M).</li> </ol>	
GRAL GFCI, AND ASSOCIATED DEVICE PLATES.	<ul> <li>E. WIDE-RANGE WALL-SWITCH SENSORS:</li> <li>1. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:</li> <li>1.1. HUBBELL; ATP120HBRP.</li> <li>1.2. LEVITON; ODWHB-IRW.</li> <li>1.3. PASS &amp; SEYMOUR; HS1001.</li> </ul>	
RS.	<ol> <li>1.4. WATT STOPPER (THE); CX-100-3.</li> <li>2. DESCRIPTION: PASSIVE-INFRARED TYPE, 120/277 V, ADJUSTABLE TIME DELAY UP TO 30 MINUTES, 150-DEGREE FIELD OF VIEW, WITH A MINIMUM COVERAGE AREA OF 1200 SQ. FT. (111 SQ. M).</li> </ol>	
IPMENT: MATCH PLUG CONFIGURATIONS. F WIRING DEVICE AND ASSOCIATED WALL PLATE FROM SINGLE SOURCE	<ul> <li>2.6 WALL PLATES</li> <li>A. SINGLE AND COMBINATION TYPES SHALL MATCH CORRESPONDING WIRING DEVICES.</li> <li>1. PLATE-SECURING SCREWS: METAL WITH HEAD COLOR TO MATCH PLATE FINISH.</li> </ul>	SECTI PART 1.1 A.
JCT	<ul> <li>2. MATERIAL FOR UNFINISHED SPACES: GALVANIZED STEEL OR SMOOTH, HIGH-IMPACT THERMOPLASTIC.</li> <li>B. WET-LOCATION, WEATHERPROOF COVER PLATES: NEMA 250, COMPLYING WITH TYPE 3R, WEATHER-RESISTANT THERMOPLASTIC WITH LOCKABLE COVER.</li> </ul>	1.2 A.
CIONS (SHOWN IN PARENTHESES) OF THE FOLLOWING MANUFACTURERS'	2.7 FINISHES A. DEVICE COLOR: WIRING DEVICES CONNECTED TO NORMAL POWER SYSTEM: IVORY UNLESS OTHERWISE INDICATED	PART 2.1
COOPER INDUSTRIES, INC. (COOPER). E-KELLEMS (HUBBELL).	OR REQUIRED BY NFPA 70 OR DEVICE LISTING. B. WALL PLATE COLOR: FOR PLASTIC COVERS : IVORY.	A.
SEYMOUR).	PART 3 – EXECUTION 3.1 INSTALLATION	PART 3.1 I A.
SORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A FOR INTENDED LOCATION AND APPLICATION.	<ul> <li>A. COMPLY WITH NECA 1, INCLUDING MOUNTING HEIGHTS LISTED IN THAT STANDARD, UNLESS OTHERWISE INDICATED.</li> <li>B. COORDINATION WITH OTHER TRADES:</li> <li>1. PROTECT INSTALLED DEVICES AND THEIR BOXES. DO NOT PLACE WALL FINISH MATERIALS OVER DEVICE</li> </ul>	В. С.
EMA 5–20R CONFIGURATION (20 AMP, 120 VOLT), NYLON FACE WITH TACLE TO BE REPLACED WITH THE CIRCUIT ENERGIZED. COOPER I M8300–I, PASS & SEYMOUR PT8300–I.	<ol> <li>PROTECT INSTALLED DEVICES AND THEIR BOXES. DO NOT PLACE WALL FINISH MATERIALS OVER DEVICE BOXES AND DO NOT CUT HOLES FOR BOXES WITH ROUTERS THAT ARE GUIDED BY RIDING AGAINST OUTSIDE OF BOXES.</li> <li>KEEP OUTLET BOXES FREE OF PLASTER, DRYWALL JOINT COMPOUND, MORTAR, CEMENT, CONCRETE, DUST, PAINT, AND OTHER MATERIAL THAT MAY CONTAMINATE THE RACEWAY SYSTEM, CONDUCTORS, AND CABLES.</li> <li>INSTALL DEVICE BOXES IN BRICK OR BLOCK WALLS SO THAT THE COVER PLATE DOES NOT CROSS A JOINT</li> </ol>	D.
EMA 5–20R CONFIGURATION (20 AMP, 120 VOLT), NYLON FACE DN 8300–1, PASS & SEYMOUR 8300–HI.	UNLESS THE JOINT IS TROWELED FLUSH WITH THE FACE OF THE WALL. 4. INSTALL WIRING DEVICES AFTER ALL WALL PREPARATION, INCLUDING PAINTING, IS COMPLETE. C. CONDUCTORS:	F.
CLES, 125 V, 20 A: COMPLY WITH NEMA WD 1, NEMA WD 6 NT SD, AND FS W—C—596. SUBJECT TO COMPLIANCE WITH _OWING:	<ol> <li>DO NOT STRIP INSULATION FROM CONDUCTORS UNTIL RIGHT BEFORE THEY ARE SPLICED OR TERMINATED ON DEVICES.</li> <li>STRIP INSULATION EVENLY AROUND THE CONDUCTOR USING TOOLS DESIGNED FOR THE PURPOSE. AVOID SCORING OR NICKING OF SOLID WIRE OR CUTTING STRANDS FROM STRANDED WIRE.</li> <li>THE LENGTH OF FREE CONDUCTORS AT OUTLETS FOR DEVICES SHALL MEET PROVISIONS OF NFPA 70, ARTICLE 300, WITHOUT PIGTAILS.</li> </ol>	G. H. I. J.
5, UL 498, UL 943 CLASS A, AND FS W–C–596. WHEN THE GFCI HAS MALFUNCTIONED AND NO LONGER PROVIDES 125 V, 20 A: WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING: LOW ARE FOR FEED–THROUGH TYPES, ARRANGED TO PROTECT E SAME CIRCUIT; REVISE CATALOG NUMBERS IF NON–FEED–THROUGH	<ul> <li>D. DEVICE INSTALLATION:</li> <li>1. REPLACE DEVICES THAT HAVE BEEN IN TEMPORARY USE DURING CONSTRUCTION AND THAT WERE INSTALLED BEFORE BUILDING FINISHING OPERATIONS WERE COMPLETE.</li> <li>2. KEEP EACH WIRING DEVICE IN ITS PACKAGE OR OTHERWISE PROTECTED UNTIL IT IS TIME TO CONNECT CONDUCTORS.</li> <li>3. DO NOT REMOVE SURFACE PROTECTION, SUCH AS PLASTIC FILM AND SMUDGE COVERS, UNTIL THE LAST POSSIBLE MOMENT.</li> <li>4. CONNECT DEVICES TO BRANCH CIRCUITS USING PIGTAILS THAT ARE NOT LESS THAN 6 INCHES (152 MM) IN LENGTH.</li> <li>5. WHEN THERE IS A CHOICE, USE SIDE WIRING WITH BINDING-HEAD SCREW TERMINALS. WRAP SOLID CONDUCTOR TIGHTLY CLOCKWISE, TWO-THIRDS TO THREE-FOURTHS OF THE WAY AROUND TERMINAL SCREW.</li> <li>6. USE A TORQUE SCREWDRIVER WHEN A TORQUE IS RECOMMENDED OR REQUIRED BY MANUFACTURER.</li> <li>7. WHEN CONDUCTORS LARGER THAN NO. 12 AWG ARE INSTALLED ON 15- OR 20-A CIRCUITS, SPLICE NO. 12 AWG PIGTAILS FOR DEVICE CONNECTIONS.</li> <li>8. TIGHTEN UNUSED TERMINAL SCREWS ON THE DEVICE.</li> <li>9. WHEN MOUNTING INTO METAL BOXES, REMOVE THE FIBER OR PLASTIC WASHERS USED TO HOLD DEVICE-MOUNTING SCREWS IN YOKES, ALLOWING METAL-TO-METAL CONTACT.</li> </ul>	К. L. М. N. О. Р.
5 W—S—896. WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:	<ul> <li>E. RECEPTACLE ORIENTATION:</li> <li>1. INSTALL GROUND PIN OF VERTICALLY MOUNTED RECEPTACLES UP, AND ON HORIZONTALLY MOUNTED RECEPTACLES TO THE LEFT.</li> <li>2. INSTALL HOSPITAL-GRADE RECEPTACLES IN PATIENT-CARE AREAS WITH THE GROUND PIN OR NEUTRAL BLADE AT THE TOP.</li> <li>3. DEVICE PLATES: DO NOT USE OVERSIZED OR EXTRA-DEEP PLATES. REPAIR WALL FINISHES AND REMOUNT OUTLET BOXES WHEN STANDARD DEVICE PLATES DO NOT FIT FLUSH OR DO NOT COVER ROUGH WALL OPENING.</li> <li>F. DIMMERS: <ol> <li>I. INSTALL DIMMERS WITHIN TERMS OF THEIR LISTING.</li> </ol> </li> </ul>	3.2 ( A.
SOLID–STATE UNITS WITH INTEGRAL, QUIET ON–OFF SWITCHES, WITH	<ol> <li>VERIFY THAT DIMMERS USED FOR FAN SPEED CONTROL ARE LISTED FOR THAT APPLICATION.</li> <li>INSTALL UNSHARED NEUTRAL CONDUCTORS ON LINE AND LOAD SIDE OF DIMMERS ACCORDING TO MANUFACTURERS' DEVICE LISTING CONDITIONS IN THE WRITTEN INSTRUCTIONS.</li> </ol>	
DER ; WITH SINGLE-POLE OR THREE-WAY SWITCHING. COMPLY WITH	G. ARRANGEMENT OF DEVICES: UNLESS OTHERWISE INDICATED, MOUNT FLUSH, WITH LONG DIMENSION VERTICAL AND WITH GROUNDING TERMINAL OF RECEPTACLES ON TOP. GROUP ADJACENT SWITCHES UNDER SINGLE, MULTIGANG WALL PLATES.	
DIFFERENT, BUT RATED DESIGN VALUES ARE GENERALLY NOT LESS 200–VA FLUORESCENT AT 277 V, AND 800–W INCANDESCENT.	3.2 RECEPTACLES A. HOSPITAL GRADE: PROVIDE TAMPER RESISTANT HOSPITAL GRADE RECEPTACLES IN ALL PATIENT CARE AREAS, PATIENT CORRIDORS, PATIENT PREPARATION ROOMS, EXAM ROOMS AND WAITING ROOMS OR AREAS. PROVIDE HOSPITAL GRADE RECEPTACLES IN ALL OTHER AREAS. PROVIDE 20 AMP RECEPTACLES IN ALL LOCATIONS.	
WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING: FOR 277 V.	<ul> <li>B. PROVIDE EXTERIOR GFCI RECEPTACLE WITHIN 25'-0" OF EACH ROOF MOUNTED MECHANICAL EQUIPMENT, FOR ALL OUTDOOR RECEPTACLES, AND OTHER LOCATIONS SHOWN ON THE DRAWINGS.</li> <li>3.3 GFCI RECEPTACLES <ul> <li>A. INSTALL NON-FEED-THROUGH-TYPE GFCI RECEPTACLES WHERE PROTECTION OF DOWNSTREAM RECEPTACLES IS NOT REQUIRED.</li> </ul> </li> </ul>	
E, 120/277 V, ADJUSTABLE TIME DELAY UP TO 30 MINUTES, IINIMUM COVERAGE AREA OF 900 SQ. FT. (84 SQ. M).	<ul> <li>B. INSTALL GFCI RECEPTACLES WITHIN 6-FEET OF ANY WATER SOURCE OR BASIN (AS MEASURED FROM THE CLOSEST EDGE OF BASIN) AS REQUIRED BY THE NEC AND WAC.</li> <li>3.4 IDENTIFICATION <ul> <li>A. IDENTIFY EACH RECEPTACLE WITH PANELBOARD IDENTIFICATION AND CIRCUIT NUMBER. USE HOT, STAMPED, OR ENGRAVED MACHINE PRINTING WITH BLACK (NORMAL POWER) AND RED (EMERGENCY POWER) FILLED LETTERING</li> </ul> </li> </ul>	
WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING: 77 FOR 277 V.	ON FACE OF PLATE, AND DURABLE WIRE MÀRKERS OR TAGŚ INSIDE OUTLET BOXES. 3.5 FIELD QUALITY CONTROL	
TYPE, 120/277 V, ADJUSTABLE TIME DELAY UP TO 20 MINUTES, IINIMUM COVERAGE AREA OF 900 SQ. FT. (84 SQ. M).	<ul> <li>A. PERFORM THE FOLLOWING TESTS AND INSPECTIONS: IN HEALTHCARE FACILITIES, PREPARE REPORTS THAT COMPLY WITH RECOMMENDATIONS IN NFPA 99.</li> <li>1. TEST INSTRUMENTS: USE INSTRUMENTS THAT COMPLY WITH UL 1436.</li> <li>2. TEST INSTRUMENT FOR CONVENIENCE RECEPTACLES: DIGITAL WIRING ANALYZER WITH DIGITAL READOUT OR</li> </ul>	
WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:	ILLUMINATED DIGITAL-DISPLAY INDICATORS OF MEASUREMENT. 3. TESTS FOR CONVENIENCE RECEPTACLES: 3.1. LINE VOLTAGE: ACCEPTABLE RANGE IS 105 TO 132 V. 3.2. PERCENT VOLTAGE DROP UNDER 15-A LOAD: A VALUE OF 6 PERCENT OR HIGHER IS UNACCEPTABLE. GROUND IMPEDANCE: VALUES OF UP TO 2 OHMS ARE ACCEPTABLE.	

3.3. GFCI TRIP: TEST FOR TRIPPING VALUES SPECIFIED IN UL 1436 AND UL 943.
3.4. GROUND-FAULT RECEPTACLE CIRCUIT INTERRUPTER TESTS: TEST EACH RECEPTACLE OR BRANCH CIRCUIT BREAKER HAVING GROUND-FAULT CIRCUIT PROTECTION TO ASSURE THAT THE GROUND-FAULT CIRCUIT INTERRUPTER WILL NOT OPERATE WHEN SUBJECTED TO A GROUND-FAULT CURRENT OF LESS THAN 4 MILLIAMPERES AND WILL OPERATE WHEN SUBJECTED TO A GROUND-FAULT CURRENT EXCEEDING 6 MILLIAMPERES. PERFORM TESTING USING AN INSTRUMENT SPECIFICALLY DESIGNED AND MANUFACTURED FOR TESTING GROUND-FAULT CIRCUIT INTERRUPTERS. APPLY THE TEST TO THE RECEPTACLE. "TEST" BUTTON OPERATION WILL NOT BE ACCEPTABLE AS A SUBSTITUTE FOR THIS TEST. REPLACE RECEPTACLES THAT DO NOT SHUTOFF POWER WITH 7/1000 OF AN AMPERE WITHIN 1/40TH OF A SECOND AND RETEST. USING THE TEST PLUG, VERIFY THAT THE DEVICE AND ITS OUTLET BOX ARE SECURELY MOUNTED. TESTS SHALL BE DIAGNOSTIC, INDICATING DAMAGED CONDUCTORS, HIGH RESISTANCE AT THE CIRCUIT BREAKER, POOR CONNECTIONS, INADEQUATE FAULT CURRENT PATH, DEFECTIVE DEVICES, OR SIMILAR PROBLEMS. CORRECT CIRCUIT CONDITIONS, REMOVE MALFUNCTIONING UNITS AND REPLACE WITH NEW ONES, AND RETEST AS SPECIFIED ABOVE.

<u>ECTION 26 51 00 - INTERIOR LIGHTING</u>

- ART 1 GENERAL .1 SUMMARY
- A. SECTION INCLUDES:
- 1. INTERIOR LIGHTING FIXTURES, LAMPS, AND BALLASTS.
- 2. EXIT SIGNS.
- ACTION SUBMITTALS
- PRODUCT DATA: FOR EACH TYPE OF PRODUCT
- ART 2 PRODUCTS .1 LIGHT FIXTURES
- A. MANUFACTURERS: PROVIDE LIGHT FIXTURES PER LIGHTING FIXTURE SCHEDULE AS INDICATED ON SHEET E7.1. ALTERNATE LIGHT FIXTURE SUBMITTALS SHALL BE APPROVED BY THE ENGINEER OF RECORD.
   ART 3 – EXECUTION
- INSTALLATION
- . PROVIDE MOUNTING ACCESSORIES AND TRIMS AS REQUIRED FOR WALL AND CEILING CONSTRUCTION TYPES SHOWN IN FINISH SCHEDULE AND ON DRAWINGS.
- . LIGHTING FIXTURES: SET LEVEL, PLUMB, AND SQUARE WITH CEILINGS AND WALLS UNLESS OTHERWISE INDICATED. . VERIFY WEIGHT AND MOUNTING METHOD OF FIXTURES AND PROVIDE SUITABLE SUPPORTS. FIXTURE MOUNTING ASSEMBLIES SHALL COMPLY WITH LOCAL SEISMIC CODES AND REGULATIONS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR COORDINATION OF LIGHTING FIXTURE LOCATIONS WITH MECHANICAL AND FIRE SAFETY EQUIPMENT. WHERE CONFLICTS OCCUR, COORDINATE WITH ARCHITECT PRIOR TO INSTALLING ANY OF THE SYSTEMS.
- . INSTALL FIXTURES WITH VENT HOLES FREE OF AIR BLOCKING OBSTACLES.
- LIGHTING FIXTURES LOCATED IN RECESSED CEILINGS WITH A FIRE RESISTIVE RATING OF 1-HOUR OR MORE SHALL BE ENCLOSED IN AN APPROVED FIRE-RESISTIVE RATED BOX EQUAL TO THAT OF THE CEILING.
- . ADJUST APERTURE RINGS ON ALL RECESSED FIXTURES TO BE FLUSH WITH THE FINISHED CEILING. . ADJUST VARIABLE POSITION LAMPHOLDERS FOR PROPER LAMP POSITION PRIOR TO FIXTURE INSTALLATION.
- BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES OR ACCESSORIES SHALL BE REPLACED. VERIFY MOUNTING PROVISIONS AND OTHER REQUIREMENTS PRIOR TO ORDER OF LIGHT FIXTURES AND PROVIDE AS REQUIRED.
- . IN ACCESSIBLE SUSPENDED CEILINGS, PROVIDE 72" FLEXIBLE CONDUIT WIRING CONNECTION (FLEXIBLE TUBING NOT PERMITTED) FROM A RIGIDLY SUPPORTED JUNCTION BOX.
- ALL FINISHES SHALL BE UNMARRED UPON PROJECT COMPLETION. REPAIR OR REPLACE DAMAGED FINISHES. . REPLACE ALL BURNED OUT OR INOPERATIVE LAMPS AT THE END OF THE CONSTRUCTION PRIOR TO OWNER
- OCCUPANCY. DIFFUSERS AND ENCLOSURES: REMOVE PROTECTIVE PLASTIC COVERS FROM LIGHTING FIXTURE DIFFUSERS ONLY AFTER CONSTRUCTION WORK, PAINTING AND CLEAN-UP ARE COMPLETED. REMOVE ALL DIRTY LAMPS, REFLECTORS AND DIF-FUSERS; CLEAN AND REINSTALL. WHEN CLEANING "ALZAK" REFLECTORS, USE A MANUFACTURER RECOMMENDED CLEANING SOLUTION. REFLECTORS DAMAGED OR IMPREGNATED WITH FINGERPRINTS SHALL BE REPLACED AT NO COST TO OWNER.
- . FOR LED FIXTURES, WHETHER SURFACE MOUNTED OR RECESSED, REMOVE ALL CONSTRUCTION DIRT AND DUST FROM HEAT SINK FINS TO ENSURE PROPER DISSIPATION OF HEAT.
- . STARTUP SERVICE: BURN-IN ALL LAMPS THAT REQUIRE SPECIFIC AGING PERIOD TO OPERATE PROPERLY, PRIOR TO OCCUPANCY BY OWNER. BURN-IN FLUORESCENT AND COMPACT FLUORESCENT LAMPS INTENDED TO BE DIMMED, FOR AT LEAST 12 HOURS AT FULL VOLTAGE PER NEMA RECOMMENDATIONS OR AS REQUIRED BY FIXTURE MANUFACTURER.
- CEILING LIGHT FIXTURE SUPPORT
- . WHERE CEILING IS OF INSUFFICIENT STRENGTH TO SUPPORT WEIGHT OF LIGHTING FIXTURES INSTALLED, PROVIDE ADDITIONAL FRAMING TO SUPPORT AS REQUIRED.

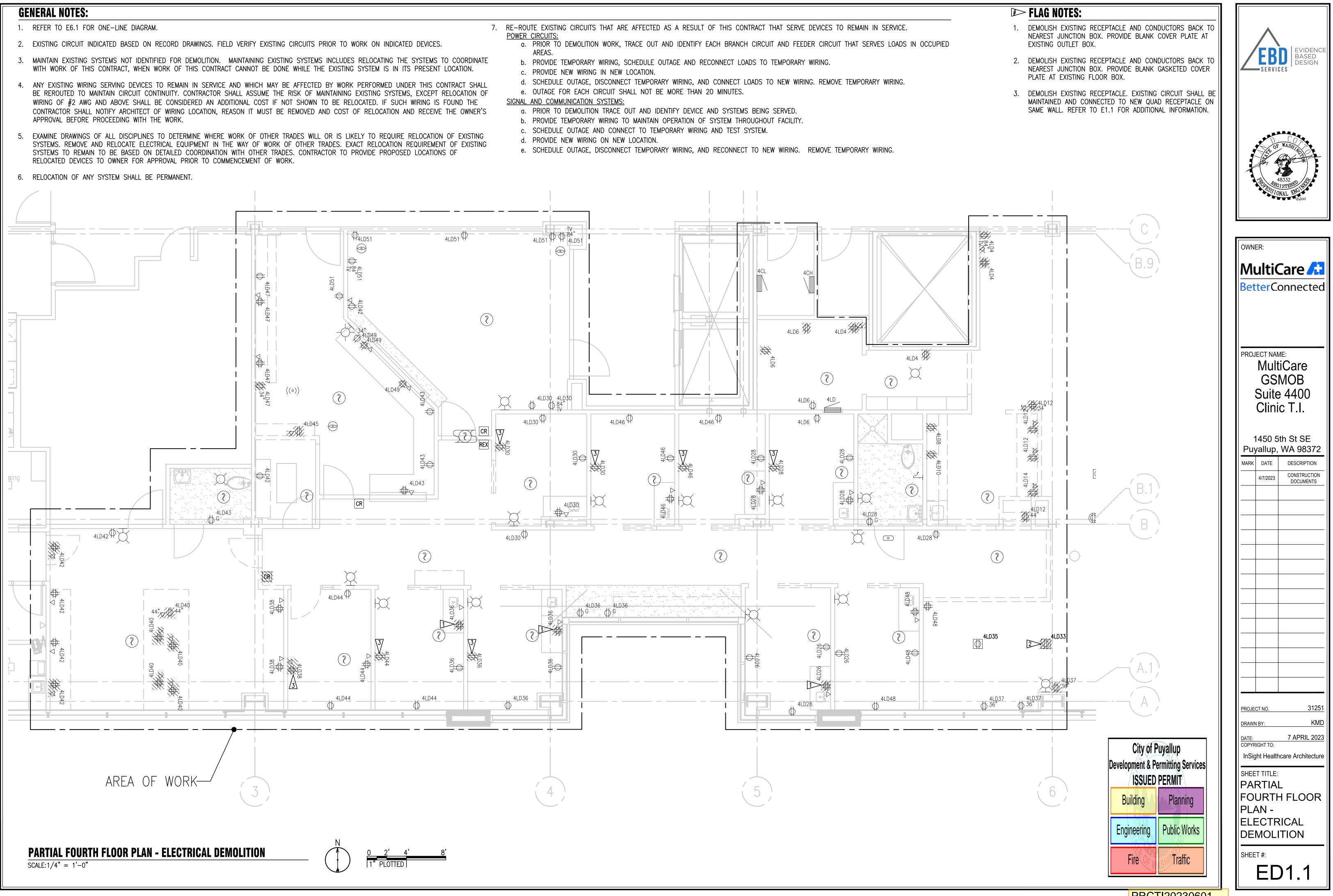
City of Puyallup Development & Permitting Services ISSUED PERMIT		
Building	Planning	
Engineering	Public Works	
Fire		

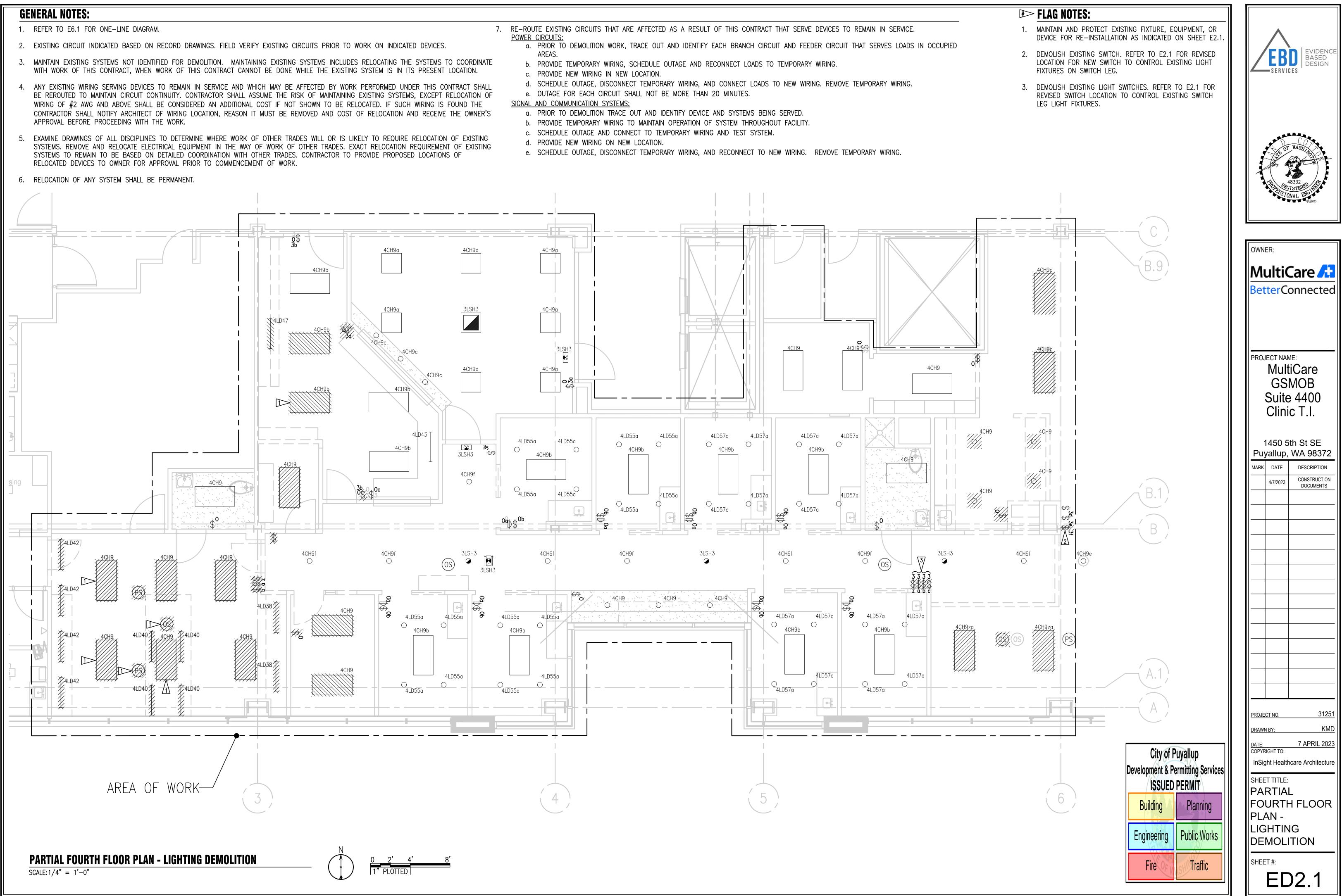
## PRCTI20230601

SHEET #:

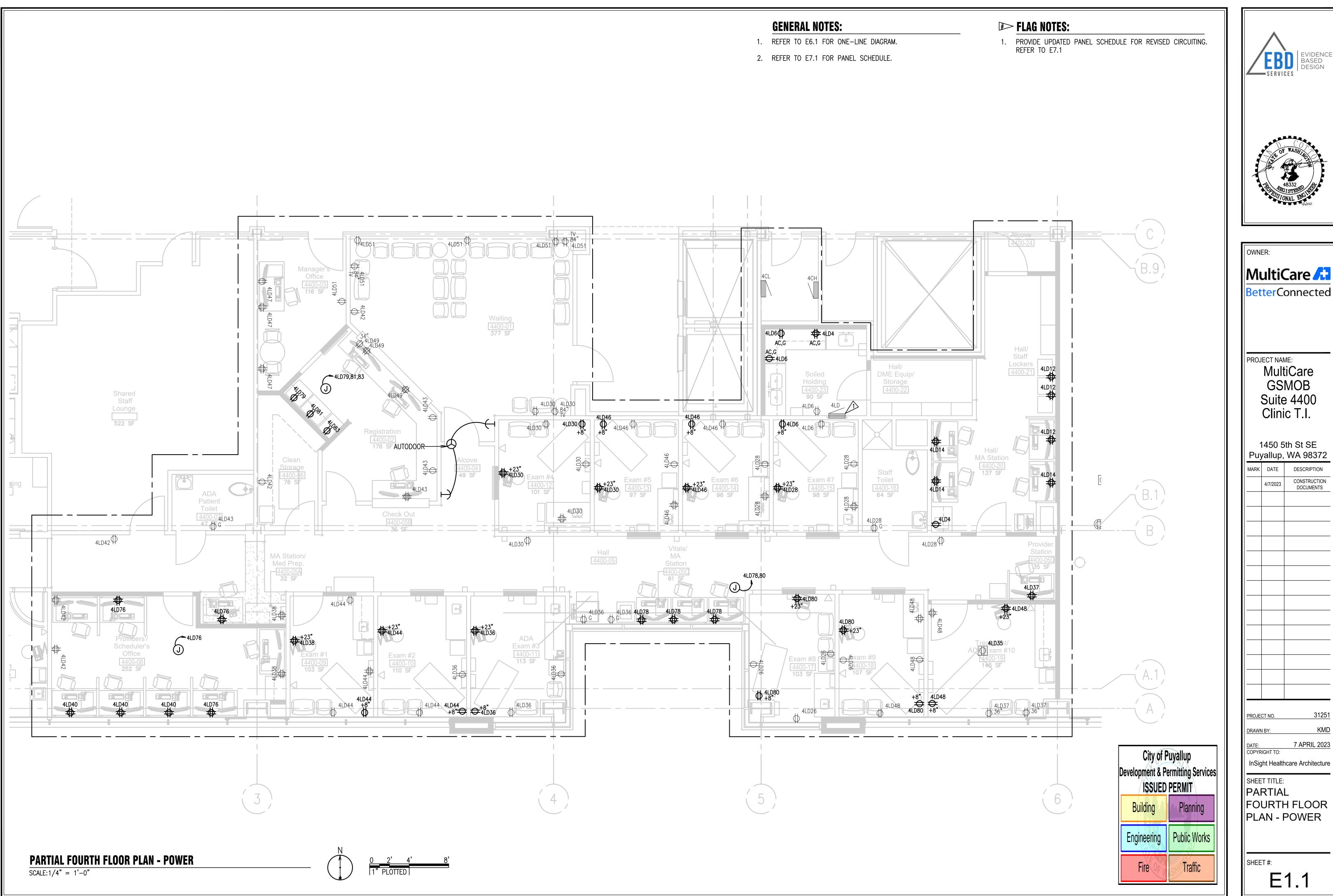
E0.

	EB			
	OF FO	WASATING WASATING AB332 ISTERED NAL ENGLISH WALLENG WA2025		
own Mu Bet	ultiQ	Care 🔝 onnected		
	PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.			
	1450 5			
		oth St SE		
	yallup,	Th St SE WA 98372 DESCRIPTION		
Pu	yallup,	WA 98372		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
Pu	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION		
	yallup, DATE	WA 98372 DESCRIPTION CONSTRUCTION DOCUMENTS		
	yallup, DATE 4/7/2023	WA 98372 DESCRIPTION CONSTRUCTION DOCUMENTS		
	yallup,         DATE         4/7/2023         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	WA 98372         DESCRIPTION         CONSTRUCTION         DOCUMENTS		
	yallup,         DATE         4/7/2023         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	WA 98372         DESCRIPTION         CONSTRUCTION         DOCUMENTS		
	yallup,         DATE         4/7/2023         4/7/2023         CT NO.         RIGHT TO:         thealth         CT NITLE:         CT TITLE:	WA 98372         DESCRIPTION         CONSTRUCTION         DOCUMENTS		



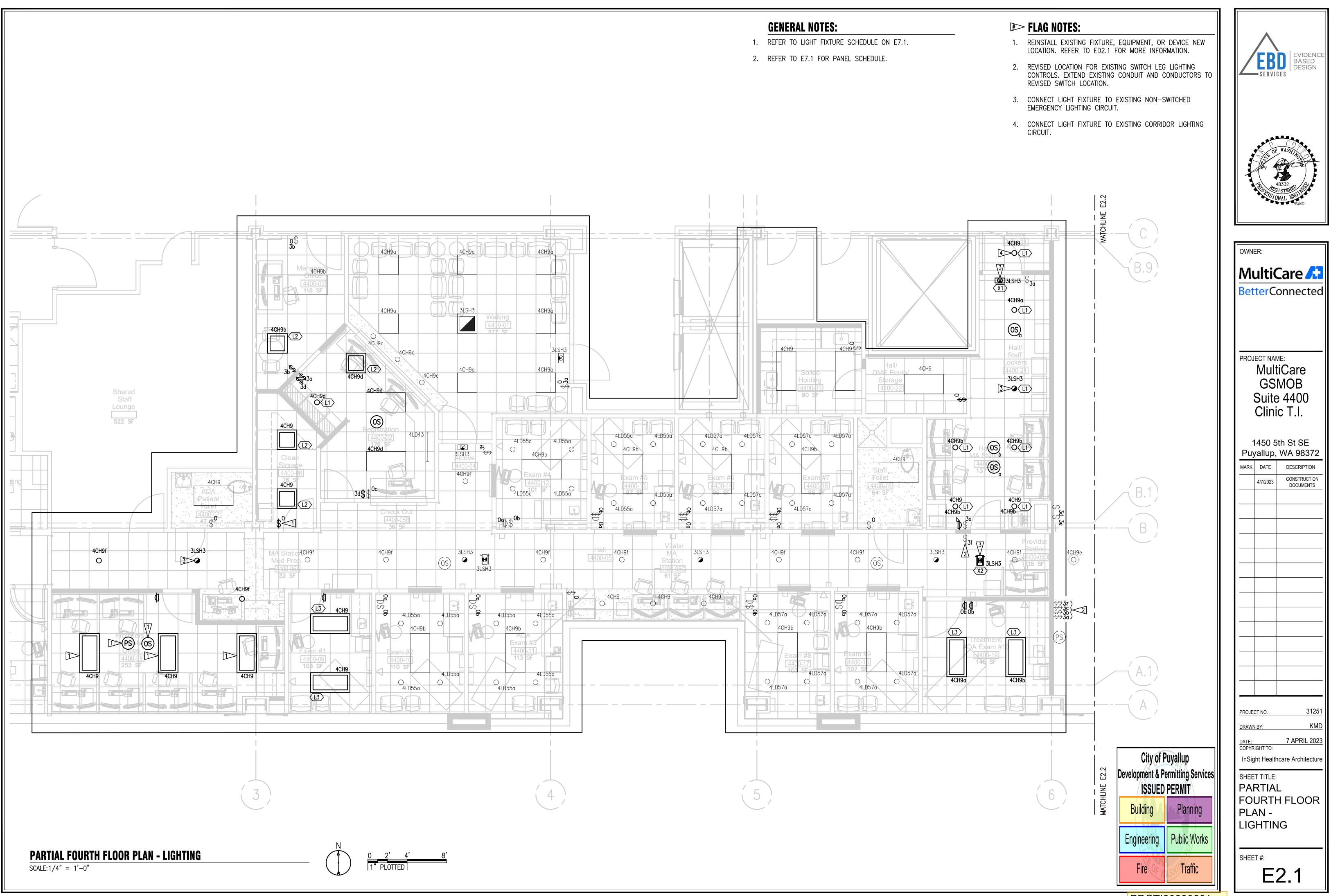


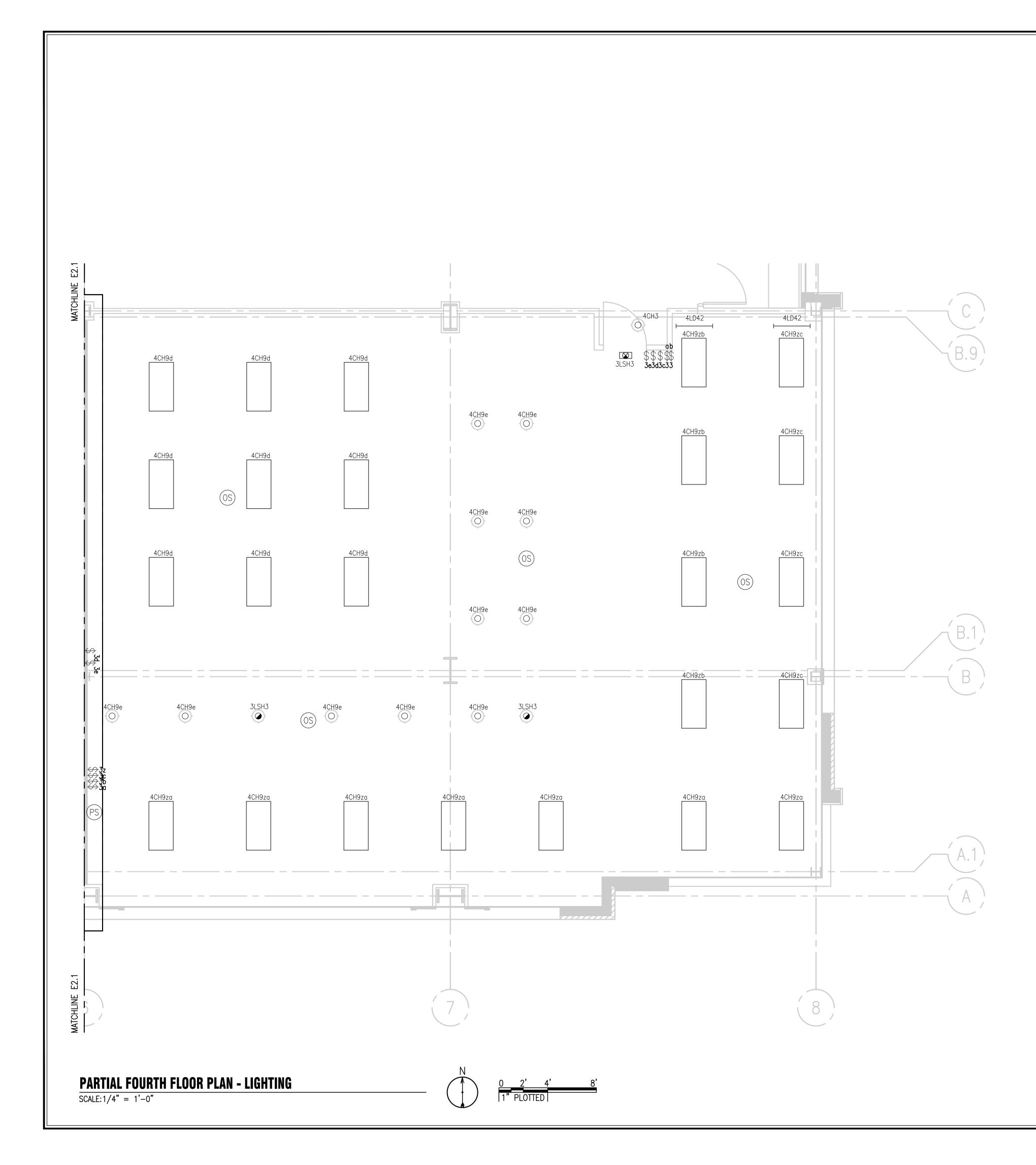
PRCTI20230601



31251

KMD



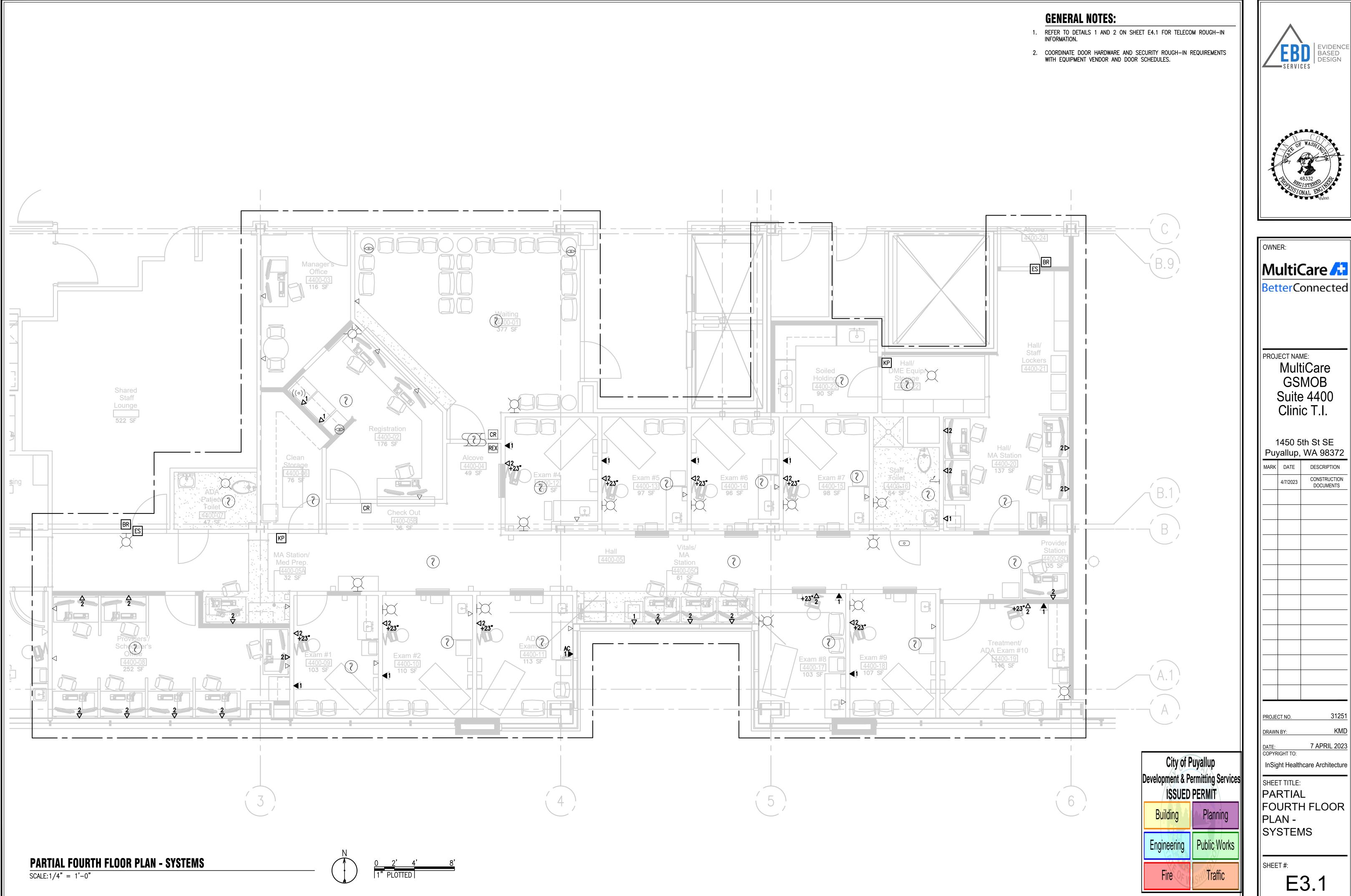


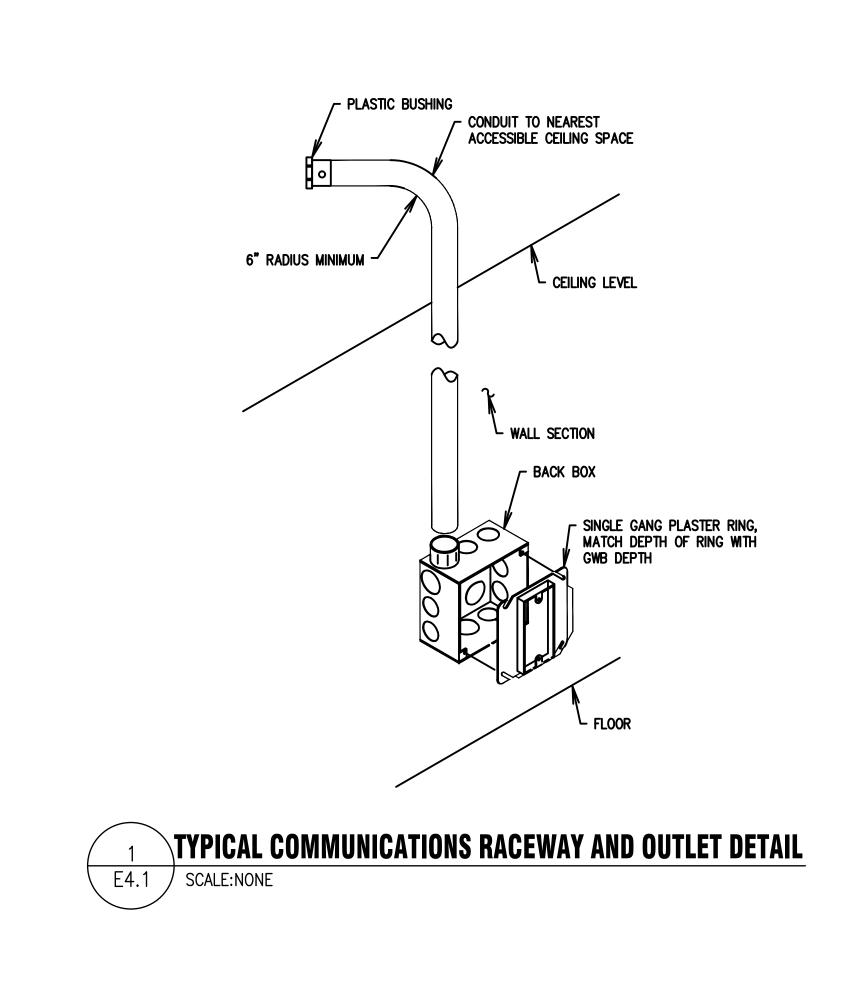
## **GENERAL NOTES:**

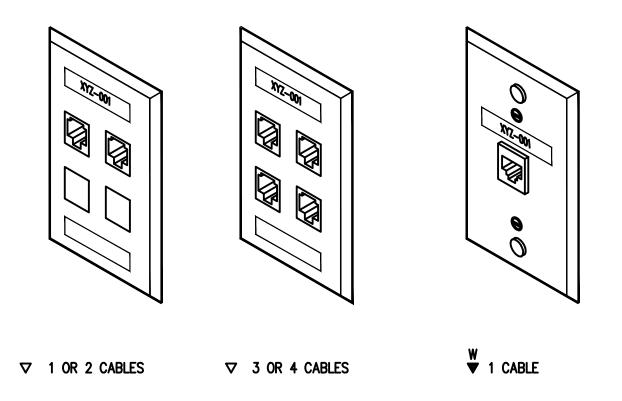
1. EXISTING LIGHTING PLAN PROVIDED FOR REFERENCE ONLY. REFER TO SHEET E2.1 FOR LIGHTING CONTROLS AND SWITCH REVISIONS FOR EXISTING LIGHTING.

	EB SERVI		
	HOLE SSI	48332	
OWN	=R·		
M	ultiQ	Care 🔝 onnected	
	PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.		
		ith St SE WA 98372	
MARK	DATE 4/7/2023	DESCRIPTION	
		DOCUMENTS	
PROJE	CT NO.	31251 KMD	
DATE: COPYR	IGHT TO:	7 APRIL 2023	
SHEE	T TITLE:		
FO		L H FLOOR	
	AN - HTIN	1G	
SHEE	T #:		
	E2.2		

# City of PuyallupDevelopment & Permitting ServicesISSUED PERMITBuildingPlanningEngineeringPublic WorksFireTraffic





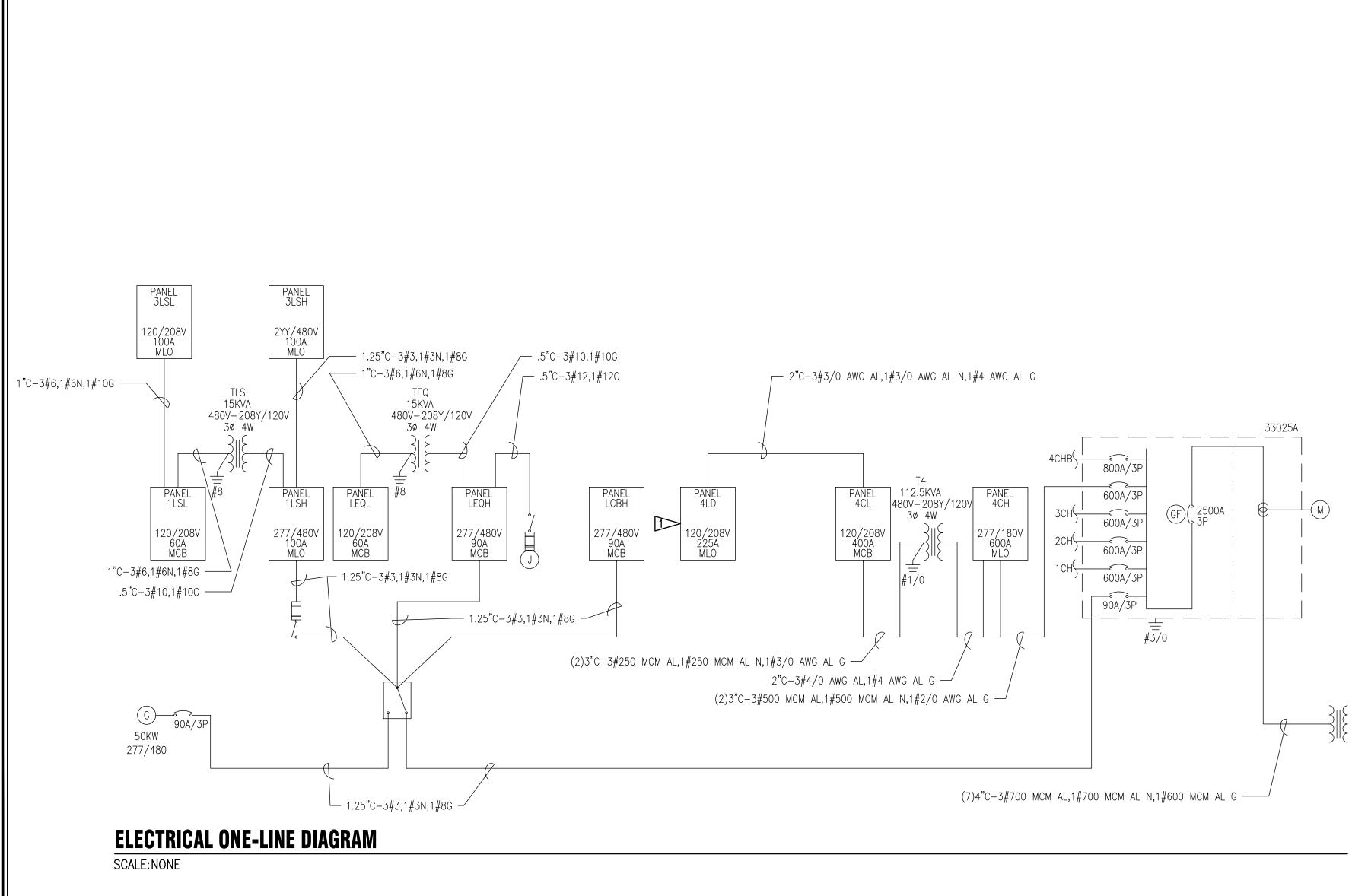


- 1. CABLES AND TERMINATIONS BY OTHERS.
- 2. PROVIDE OUTLET FACEPLATE CONFIGURATIONS SIMILAR TO CABLING REQUIREMENTS. VERIFY EXACT CONFIGURATION WITH OWNER.
- 3. PROVIDE 4-PORT FACEPLATES FOR ALL OUTLETS. PROVIDE BLANK DUST COVERS IF NOT ALL 4-PORTS HAVE CABLES.

#### **TYPICAL COMMUNICATIONS OUTLET FACEPLATE CONFIGURATIONS** 2 E4.1 SCALE:NONE

EVIDENCE BASED DESIGN			
HIGH BUSICE STEELED HIGH STORES STEELED HIGH S			
OWNER: MultiCare BetterConnected			
PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.			
1450 5th St SEPuyallup, WA 98372MARKDATEDESCRIPTION4/7/2023CONSTRUCTION DOCUMENTS			
PROJECT NO.       31251         DRAWN BY:       KMD         DATE:       7 APRIL 2023         COPYRIGHT TO:       InSight Healthcare Architecture			
SHEET TITLE: ELECTRICAL DETAILS			
SHEET #: E4.1			

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



## **GENERAL NOTES:**

- 1. ONE-LINE BASED ON INFORMATION CONTAINED IN EXISTING AS-BUILT DOCUMENTS.
- 2. ALL EQUIPMENT SHOWN IS EXISTING AND SCOPE OF WORK IS LIMITED TO PANEL 4LD AND LIGHTING CIRCUITS AS SHOWN ON DRAWING E2.1.

## $\mathbb{P} \rightarrow \mathbf{FLAG} \ \mathbf{NOTES}:$

1. FIELD VERIFY CIRCUITS IN FIELD FOR EXISTING AND MODIFIED CIRCUITS. PROVIDE UPDATED PANEL SCHEDULE. REFER TO E7.1 FOR ADDITIONAL INFORMATION, PANEL SCHEDULE, AND LOAD CALCULATION FOR EXISTING PANELBOARD.

	EB	
	HOLESSIC	
	ıltiQ	Care 🟦 onnected
	GS Suite	™E: tiCare MOB e 4400 ic T.I.
Puya Mark		DESCRIPTION CONSTRUCTION DOCUMENTS
	<u>Г NO.</u>	31251
SHEET	GHT TO:	NE
SHEET		6.1

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



FIXTURE TYPE	MANUFACTURER / CATALOG # / DESCRIPTION	CCT / CRI	INPUT WATTS (W)		BALLAST / TRANSFORMER / DRIVER	VOLTAGE	LENS / REFLECTOR / BEAM	TRIM / FLANGE / BAFFLE / FINISH	REMARKS / ACCESSORIES/ OPTIONS
	GOTHAM - EVO6 30 AR MWD LS GZ1 90CRI 6" LED DOWNLIGHT, GALVANIZED STEEL HOUSING, RECESS MOUNT, T-BAR CEILING	3500K/90CRI	30	3000	INTEGRAL 0-10V DIMMING	MVOLT	CLEAR, SPECULAR	WHITE FINISH	
	LITHONIA -AVANTE 2AVLS-30LSE-MDR-MVOLT-EZ1-LP835 2X2 LED LUMINAIRE, RECESS MOUNT, T-BAR CEILING	3500K/80CRI	34	4000	INTEGRAL 0-10V DIMMING	MVOLT		WHITE FINISH	
	LITHONIA - AVANTE 2AVL4-40LSE-MDR-MVOLT-EZ1-LP835 2X4 LED LUMINAIRE, RECESS MOUNT, T-BAR CEILING	3500K/80CRI	47	4000	INTEGRAL 0-10V DIMMING	MVOLT		WHITE FINISH	
V 1	LITHONIA - EDGR-1-RMR SINGLE FACE LED EXIT SIGN, RECESS MOUNT	RED	5	NA	NA	UNV	CLEAR ACRYLIC	MIRROR	SEE FLOOR PLAN FOR DIRECTIONAL ARROWS

P	ANEL SCHED	JLE									<u>4LD</u>		
208 Y/ 120 VOLTS NORMAL POWER		ORMAL POWER	BUS RATING: 150			AMPS			LOCATIO	ON: RM 4400-23	SPEC PANEL WITH:	YES	
3 -P	PHASE PN	NL. MFR.:	MAIN B	KR:	MLO				MOUNTI	ING: SURFACE	FEED-THRU LUGS		
4 -W	VIRE CA	AT. NO.:	A.I.C. R	ATING:	10,000	AIC S	YM		FED FRO	OM: PNL 4CL WITH 150A CB	DOUBLE LUGS		
											200% NEUTRAL		
кт	CIRCUIT DESCRIPTIO	N LOAD LOCATION	CODE	LOAD	BKR	PH	BKR	LOAD	CODE	CIRCUIT DESCRIPTION	LOAD LOCATION	1	
10.		(ROOM NO. / GRID)	)	(kVA)	AMPS		AMPS	(kVA)			(ROOM NO. / GRID	D)	
1# R0	CPT/LTS		R	0.43	20/1	-A-	20/1	1.26	R	RCPT			
	PLINT PAN		R	1.44	20/1	-B-	20/1	1.08	R		NOTE 1		
	PARE			1.44	20/1	-C-	20/1	1.26	R	RCPT EXAM #7 & SOILED HOLDING	NOTE 3		
			R	1.44	20/1	-0-	20/1	0.60		HOT PACK			
			R										
9# BT				1.68	20/1	-B-	20/1	0.60	Z				
			R	0.90	20/1	-C-	20/1	1.08	R	RCPT STAFF LOCKERS/MA STATION	NOTE 4		
	READMILL		S	1.44	20/1	-A-	20/1	1.08	R	RCPT MA STATION	NOTE 1		
	READMILL		S	1.44	20/1	-B-	20/1	0.18		ELIPTICAL			
17# TF	READMILL		S	1.44	20/1	-C-	20/1	0.18		ELIPTICAL			
19# PT	T TABLE		R	0.18	20/1	-A-	20/1	0.18	S	ELIPTICAL			
21# PT	T TABLE		R	0.18	20/1	-B-	20/1	0.18	R	RCPT			
23# PT	Γ TABLE		R	0.18	20/1	-C-	20/1	0.18	R	RCPT			
25# PT	T TABLE		R	0.18	20/1	-A-	20/1	0.72	R	RCPT EXAM #8 & EXAM #9			
27# PT	T TABLE		R	0.18	20/1	-B-	20/1	1.62	R	RCPT EXAM #7	NOTE 4		
29# PT	T TABLE		R	0.18	20/1	-C-	20/1	1.62	R	RCPT EXAM #4	NOTE 4		
31# PT	T TABLE		R	0.18	20/1	-A-	20/1	0.60	z	COLD PACK			
	T TABLE		R	0.18	20/1	-B-	20/1	0.60	R	RCPT			
	TABLE		R	0.18	20/1	-C-	20/1	1.44	R	RCPT EXAM #3	NOTE 1		
		NOTE 1	R	0.90	20/1	-A-	20/1	1.08	R	RCPT EXAM #1	NOTE 1		
	CPT RM 4224 CPT RM 4224		R	0.54	20/1 20/1	-B- -C-	20/1 20/1	<b>1.08</b>	R R	RCPTS OFFICE 4400-08 RCPT/LTS	NOTE 5		
	CPT RM 4203		R	1.08	20/1	-C-	20/1	0.54		RCPT EXAM #2	NOTE 1		
	CPT/LTS RM 4202		R	1.24	20/1	- <u>-</u>	20/1	0.54	R	RCPT EXAM #2	NOTE 1		
	CPT/LTS RM 4202		R	1.12	20/1	-C-	20/1	0.36	R	RCPT EXAM #10	NOTE 1		
49# RC	CPT RM 4202		R	0.90	20/1	-A-	20/1	0.72	R	RCPT RM 4223			
51# RC	CPT RM 4200		R	1.26	20/1	-B-	20/1	0.18	R	RCPT RM 4224			
	A DOOR RM 4200		R	0.90	20/1	-C-	20/1	0.18	R	RCPT RM 4224			
	G RM 4208,4209,4211,4212		L	1.20	20/1	-A-	20/1	0.18	R	RCPT RM 4224			
	G RM 4213,4214,4217,4218		L	1.20	20/1	-B-		0.72	R			Ļ	
59# RC	CPT RM 4223		R	0.50	20/2	-C-	20/3	0.72	R	W. LOUNGE		-	
61#			R	0.50	20/4	-A-		0.72	R R				
	CPT GFCIs RM 4400 MICROWAVE RM 4400		R S	1.08 1.20	20/1 20/1	-B- -C-	20/3	0.72 0.72	R	W. LOUNGE			
	CPT N. GFCIs RM 4400		R	1.08	20/1	-O-	20/3	0.72	R	W. LOONGE		F	
	EF RM 4400		R	1.00	20/1	- <u>-</u> -B-		0.72	Н				
	MICROWAVE RM 4400		Z	1.20	20/1	-C-	20/3	0.72	Н	FAN DISCONNECT		F	
73#				1.25	00/0	-A-	1	0.72	н			F	
75# DF	RYER		Z	1.25	20/2	-B-	20/1	1.08	R	RCPT OFFICE 4400-08	NOTE 2		
77# W.	ASHING MACHINE		Z	1.00	20/1	-C-	20/1	1.08	R	RCPT VITALS STATION	NOTE 2		
	CPT REGISTRATION	NOTE 2	S	1.00	20/1	-A-	20/1	1.08	R	RCPT EXAM #8 & EXAM#9	NOTE 2		
	CPT REGISTRATION	NOTE 2	S	1.00	20/1	-B-	20/1			SPACE		1	
		NOTE 2	S	1.00	20/1	-C-	20/1			SPACE			
(	CODES:		ECTED LOAD					LOAD					
	H = HVAC LOADS		2.16 kVA				(100%)			ASTERIK (*) NEXT TO CKT INDICATES EXISTING CIRCUITS MARKED WITH #.	NEW, ADDED, OR REVISE		
	K = KITCHEN EQUIPMEN	NT	0.00 kVA				(100%)			EXISTING CALCULATED PANEL LOADS BASED ON RECORD DOCU AND PANEL SCHEDULES. 1) ADDED 360VA NEW LOAD ON EXISTING CIRCUIT. 2) PROVIDE 20A/1P BREAKER IN EXISTING SPACE. 3) ADDED 540VA NEW LOAD ON EXISTING CIRCUIT.			
	L = LIGHTING LOADS		2.40 kVA				(125%)					JCUME	
	LM = LARGEST SINGLE M	OTOR	0.00 kVA		0.00	kVA	(125%)						
	M = OTHER MOTOR LOA	DS	0.00 kVA		0.00	kVA	(100%)						
	NC = NON-COINCIDENTA	LOADS	0.00 kVA			kVA							
	R = GENERAL USE REC	EPTACLES 4	7.29 kVA		28.64	kVA	(50%>10	kVA)		4) ADDED 180VA NEW LOAD ON EXISTING CIRCUIT. 5) NO NEW LOAD ADDED TO EXISTING CIRCUIT.			
	S = DEDICATED RECEP	TACLES	7.32 kVA				(100%)						
	Z = MISC. OR APPLIANC		7.04 kVA				(100%)						
					48.16		,		-				
		IUIAIS'	6.21 kVA		40 10	KVA							

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

PRCTI20230601
---------------

	EB	DESIGN							
	AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB332 AB33 AB33								
-									
	OWNER: MultiCare BetterConnected								
	PROJECT NAME: MultiCare GSMOB Suite 4400 Clinic T.I.								
	1450 5	oth St SE							
		WA 98372							
	MARK DATE	DESCRIPTION							
	4/7/2023	CONSTRUCTION DOCUMENTS							
	PROJECT NO.	31251							
	DRAWN BY:	KMD							
	DATE: COPYRIGHT TO:	7 APRIL 2023							
		hcare Architecture							
	SHEET TITLE: ELECTRICAL SCHEDULES								
	SHEET #: <b>E7.1</b>								