

Wenatchee Public Library
Phase II Modernization

Bid Set

BUILDINGWORK

architecture design preservation

159 western avenue west, suite 486 seattle, washington 98119 office 206 775-8668

www.buildingwork.design

PROJECT
Wenatchee Public

Library Phase II
Modernization
LOCATION
310 Douglas Street
Wenatchee, WA 98801

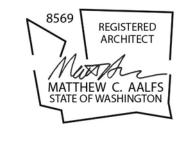
PREPARED FOR

North Central

Washington Libraries

REVISION DATE NAME

ARCHITECT ST



COVERSHEET

08/28/2023

Bid Set

G000

ABBI	REVIATIONS					GRAPHIC SYM	BOLS
<u> </u>	AT	FP	FIREPROOF	PTD	FIELD PAINTED		DETAIL INDICATOR
@ Ø	DIAMETER OR ROUND	FPHB	FROST PROOF HOSE BIB	PID	(NOT FACTORY FINISHED)	XX AXXX	— DETAIL NUMBER
#	POUND OR NUMBER	FRM FRP	FRAMING FIBERGLASS REINFORCED	PTN	PARTITION		— SHEET NUMBER
AB	ANCHOR BOLT		PANEL	QTR	QUARTER		ELEVATION INDICATOR
ABE ABV	AVERAGE BUILDING ELEVATION ABOVE	FRDT FRZR	FIRE RETARDANT FREEZER	QTY	QUANTITY	XX	— DETAIL NUMBER
ACT	ACOUSTIC TILE	FS	FULL SIZE	R	RISER/RADIUS/RESISTANCE	\AXXX / ◀	SHEET NUMBER
ACW AD	ALUMINUM-CLAD WOOD AREA DRAIN	FSD FT	FIRE SEPARATION DISTANCE FOOT OR FEET	RB RD	RUBBER BASE ROOF DRAIN	1	
ADJ	ADJUSTABLE, ADJACENT	FTG	FOOTING	REC	RECEIVE	XX	RM ELEVATION INDICATOR
AFF AHJ	ABOVE FINISH FLOOR AUTHORITY HAVING	GA	GAUGE	REF REFR	REFERENCE REFRIGERATOR	$\frac{\lambda\lambda}{AXXX}$ 2	DETAIL NUMBERSHEET NUMBER
AHJ	JURISDICTION	GAL	GALLON	REINF	REINFORCED	Ţ \	- ELEVATION
AHU ALT	AIR HANDLING UNIT ALTERNATE	GALV GEN	GALVANIZED GENERAL	REQD RET	REQUIRED RETURN	3	
ALUM/AL	ALUMINUM	GFI	GROUND FAULT INTERRUPTER	REV	REVERSE/REVISED/REVISION		LAVOUT ODID
AP APPD	ACCESS PANEL APPROVED	GFRC	GLASS FIBER REINFORCED CONCRETE	RF RFG	ROOF ROOFING	(A)	LAYOUT GRID
APPROX	APPROXIMATE	GL	GLASS	RH	RIGHT HAND	;	
ARCH	ARCHITECTURAL	GND	GROUND	RIGID	RIGID INSULATION	X X	PARTITION LABEL
ASF AVG	ABOVE SUBFLOOR AVERAGE	GOVT GR	GOVERNMENT GRADE	RL RM	RAIN LEADER (INTERIOR) ROOM	•	SEE PARTITION SCHEDULE FOR EXPLANATION
DAL	DALANONIO.	GSM	GALVANIZED SHEET METAL	RND	ROUND		LAI LANATION
BAL BD	BALANCING BOARD	GWB GYP	GYPSUM WALL BOARD GYPSUM	R/O RO	RANGE/OVEN ROUGH OPENING	\bullet \overline{XX}	EXTERIOR WALL TYPE LABEL
BE	BATH FAN EXHAUST			RUB	RUBBER		
BEL BEY	BELOW BEYOND	HB HC	HOSE BIB HANDICAP/HOLLOW CORE	RWL	RAINWATER LEADER (INDOORS)	XX	HORIZONTAL ASSEMBLY LABEL
BLDG	BUILDING	HD	HEAD/HEAVY DUTY	S	SOUTH		
BLK BM	BLOCK, BLOCKING BENCH MARK	HDWD HDR	HARDWOOD HEADER	SALV SAM	SALVAGE (D) SELF-ADHESIVE MEMBRANE	A-1	PARTITION TYPE INDICATOR
ВО	BOTTOM OF	HE	HOOD FAN EXHAUST	SBC	IBC w/ SEATTLE AMENDMENTS		SEE PARTITION SCHEDULE FOR
BOT BRK MTL	BOTTOM BRAKE METAL	HM HOL	HOLLOW METAL HOLLOW	SC SCHED	SOLID CORE SCHEDULE	• •	EXPLANATION
BTWN	BETWEEN	HOR/		SD	SMOKE DETECTOR		
C to C	CENTER TO CENTER	HORIZ HP	HORIZONTAL HIGH POINT	SECT SF	SECTION SQUARE FEET	122.5'	SPOT ELEVATION
CAB	CABINET	HR	HOUR	SH	SHELF	•	
CAP CG	CAPACITY CORNER GUARD	HT HWH	HEIGHT HOT WATER HEATER	SHT SHTG	SHEET SHEATHING		
CHT	BABY CHANGING TABLE	110011	HOT WATERTIER	SID	SIDING		BUILDING SECTION
CIP CJ	CAST-IN-PLACE CONTROL JOINT	IBC ID	INTERNATIONAL BUILDING CODE INSIDE DIAMETER	SIM SL	SIMILAR SLOPE	· — XX AXXX	DETAIL NUMBER SHEET NUMBER
CL	CENTERLINE	IN	INCHES	SLNT	SEALANT		
CLG	CEILING	INCL	INCLUDE (D) (ING) INCREASE	SPEC	SPECIFICATIONS		
CLKG CLO	CAULKING CLOSET	INCR INSUL	INSULATION	SPRT SQ	SPORT FLOORING (RUBBER) SQUARE	^	WALL SECTION
CLR	CLEAR	INT	INTERIOR	SST	STAINLESS STEEL	XX	— DETAIL NUMBER
CMU COL	CONCRETE MASONRY UNIT COLUMN	INTM INTUM	INTERMEDIATE INTUMESCENT	STC STD	SOUND TRANSMISSION CLASS STANDARD/STUD	— - (AXXX) ◀	SHEET NUMBER
CONC	CONCRETE	INV	INVERT	STIFF	STIFFENER		
COND	CONDITION CONNECTION	JST	JOIST	STL STOR	STEEL STORAGE		
CONST	CONSTRUCTION	JT	JOINT	STFNT	STOREFRONT	FE ©	FIRE EXTINGUISHER
CONT CONTR	CONTINUOUS CONTRACTOR	L	LONG/LENGTH	STRUCT SUB	STRUCTURAL SUBSTITUTE		ON WALL HOOK
CORR	CORRIDOR/CORRUGATED	LAM	LAMINATE	SUSP	SUSPENDED		
CPT CT	CARPET CERAMIC TILE	LAV LE	LAVATORY LAUNDRY FAN EXHAUST	SYM SYS	SYMMETRICAL SYSTEM		FIRE EXTINGUISHER CABINET
CTR	CENTER	LH	LEFT HAND	010	STOTEM	FEC	SURFACE AND RECESSED
CUST CWP	CUSTOM CLEAR WALL PANEL	LIN LOCN	LINEAR/LINEAL LOCATION	T T & G	TOP/TREAD/TOILET/TEMPERED TONGUE&GROOVE		
CWI	OLLAN WALL I AINLL	LP	LOW POINT	T-STAT	THERMOSTAT		EVIT CLONG (OVERUEAR)
D	DEEP (DIM)/DRYER DRYER EXHAUST	LTC	LIGHT LIGHTING	TC	TOP OF CURB TRENCH DRAIN	$ egthinspace{-1mm} egthinspa$	EXIT SIGNS (OVERHEAD) BLACK QUADRANTS INDICATE LIGHTED SIDES
DE DEPT	DEPARTMENT	LTG LVL	LEVEL	TD TEL	TELEPHONE		ARROWS SHOW DIRECTION ARROWS
DET/DTL	DETAIL	MATI	MATERIAL	TEMP	TEMPORARY/TEMPERATURE/		
DF DIA	DRINKING FOUNTAIN DIAMETER	MATL MAX	MATERIAL MAXIMUM	THK	TEMPERED THICK(NESS)		
DIAG DICA	DIAGONAL DRILLED-IN CONC ANCHOR	MC MDF	MEDICINE CABINET MEDIUM DENSITY FIBERBOARD	THRU TO	THROUGH TOP OF	<u> </u>	EXIT SIGNS (WALL MTD)
DIM	DIMENSION	MECH	MECHANICAL	TOC	TOP OF CONCRETE		BLACK QUADRANTS INDICATE LIGHTED SIDES ARROWS SHOW DIRECTION ARROWS
DIR	DIRECTION	MEMB	MEMBRANE	TOU	TOP OF CURB		
DIV DN	DIVISION DOWN	MFR MIN	MANUFACTURER MINIMUM	TOIL TOP	TOILET TOPPING/TOP OF PLATE		
DP	DAMPROOFING	MISC	MISCELLANEOUS		TOP OF PARAPET	10	
DO DOM	DITTO DOMESTIC	MLDG MO	MOLDING MASONRY OPENING	TOSF TOW	TOP OF SUBFLOOR TOP OF WALL	[12]	WINDOW NUMBER
DR	DOOR	MTD	MOUNTED	TP	TOP OF PAVEMENT	<u> </u>	
DS DW	DOWNSPOUT (EXTERIOR) DISHWASHER	MET/MTL	METAL	TRANSL TRTD	TRANSLUCENT TREATED		
DWG	DRAWING	N	NORTH	TV	TELEVISION	(12)	LOUVER NUMBER
(E)	EXISTING	(N) NEG	NEW NEGATIVE	TWP TYP	TRANSLUCENT WALL PANEL TYPICAL		
E	EAST	NIC	NOT IN CONTRACT				FRAMED WALL (PLAN)
EA EL	EACH ELEVATION	NO or # NOM	NUMBER NOMINAL	UL UNFIN	UNDERWRITERS' LABORATORY UNFINISHED		FRAMED WALL OR FLOOR (SECTION)
ELEV	ELEVATOR	NTS	NOT TO SCALE	UNO	UNLESS NOTED OTHERWISE		
ELEC EMER	ELECTRICAL EMERGENCY	OA	OVERALL	VAP	VAPOR BARRIER		CMU WALL (PLAN & SECTION)
EMR	ELEVATOR MACHINE ROOM	0C	ON CENTER	VAR	VARIES/VARIABLE	***************************************	(12 th a 22 strott)
EQ .	EQUAL	OD OFD	OUTSIDE DIAMETER OVERFLOW DRAIN	VB	VINYL BASE VINYL COMPOSITION TILE		
EQJ EQPT	EARTHQUAKE JOINT EQUIPMENT	OFD OH	OPPOSITE HAND/OVERHEAD	VCT VENT	VENTILATION		BRICK WALL (PLAN & SECTION)
EPL	EMERGENCY PATHWAY LIGHTING	OHW	ORDINARY HIGH WATER	VERT	VERTICAL		
EST EW	ESTIMATE; ESTIMATED EACH WAY	OPNG OPP	OPENING OPPOSITE	VEST VFY	VESTIBULE VERIFY		CONC WALL (PLAN)
EXC	EXCAVATED	OVHD	OVERHEAD	VIF	VERIFY IN FIELD		CONC WALL OR FLOOR (SECTION)
EXH EXIST	EXHAUST EXISTING	OWSJ OZ	OPEN-WEB STEEL JOIST OUNCE	VG VOC	VERTICAL GRAIN VOLATILE ORGANIC COMPOUNDS	_	
EXP	EXPOSED			VOL	VOLUME		CONORETE (DETAIL O)
EXPAN EXT	EXPANSION EXTERIOR	(P) PAR	PROPOSED PARALLEL	VS VTR	VINYL SHEET/SHEET VINYL VENT THROUGH ROOF		CONCRETE (DETAILS)
		PART	PARTITION				
FAB FB	FABRICATED FLUSH BEAM	PC PERF	PRECAST PERFORATED	W W/	WEST/WIDE/WASHER WITH		GWB (DETAILS)
FD	FLOOR DRAIN	PERP	PERPENDICULAR	W/O	WITHOUT		- \- \- \- \- \- \- \- \- \- \- \- \- \-
FE FF	FIRE EXTINGUISHER FINISH FLOOR/	PKG PL	PARKING PLATE/PROPERTY LINE/PLASTIC	WAIN WC	WAINSCOT WATER CLOSET	000	B
	FACTORY FINISHED	PLAM	PLASTIC LAMINATE	WD	WOOD		BATT INSULATION (DETAILS)
FG FP	FINISH GRADE FACTORY PRIME PAINTED	PLYWD/ PLY	PIYWOOD	WDW WSFC	WINDOW WASH STATE ENERGY CODE		
FP FS	FACTORY PRIME PAINTED FEDERAL SPECIFICATION	PLY PNL	PLYWOOD PANEL	WSEC WGL	WASH. STATE ENERGY CODE WIRE GLASS		RIGID INSULATION (DETAILS)
FEC	FE CABINET	PNT	PAINT(ED)	WH	WALL HUNG		
FIN FLASH	FINISH(ED) FLASHING	POL PPL	POLISH/POLISHED POLISHED PLATE	WIND WP	WINDOW WATERPROOF(ING) MEMBRANE		CENTERLINE
FLEX	FLEXIBLE	PR	PAIR	WR	WATER REPELLENT		
FLR FOC	FLOOR FACE OF CONCRETE	PREFAB PRELIM	PREFABRICATE(D) PRELIMINARY	WRB WS	WEATHER RESISTANT BARRIER WEATHERSTRIP		GRID LINE
FOF	FACE OF FINISH	PROJ	PROJECT/PROJECTION	WT	WEIGHT		
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR	PROP PSI	PROPERTY POUNDS PER SQUARE INCH	WWM	WELDED WIRE MESH	- · ·	PROPERTY LINE
FOM	FACE OF MASONRY	PT	POINT/POINT OF TANGENCY	YD	YARD DRAIN		
FOS	FACE OF STUD		PRESSURE TREATED				OVERHEAD LINE

PROJECT DATA

PROJECT LOCATION: WENATCHEE PUBLIC LIBRARY 310 DOUGLAS STREET WENATCHEE, WA 98801

PROJECT SUMMARY PROJECT CONSISTS OF PARTIAL INTERIOR RENOVATION OF THE LOWER LEVEL OF AN EXISTING TWO-STORY PUBLIC LIBRARY. IMPROVEMENTS INCLUDE: THE REMOVAL OF EXISTING INTERIOR PARTITIONS; NEW TOILET ROOMS AND STAFF BREAK AREA; NEW INTERIOR PARTITIONS; NEW FINISHES; MODIFICATIONS TO EXISTING HVAC AND ELECTRICAL SYSTEMS. NEW EXTERIOR WINDOWS AT LOWER LEVEL.

NO CHANGE TO BUILDING AREA.

LEGAL DESCRIPTION LOTS 3-10. BLK. 16, AMENDED GREAT NORTHER PLAT OF WENATCHEE

CHELAN COUNTY ASSESSOR'S PARCEL NUMBER 222003590952

PERMIT PROJECT #

REFERENCE-23-0332

2018 WASHINGTON STATE BUILDING CODE 2018 INTERNATIONAL MECHANICAL CODE NATIONAL ELECTRICAL CODE INTERNATIONAL FIRE CODE 2018 WASHINGTON STATE ENERGY CODE WASHINGTON STATE VENTILATION AND INDOOR AIR QUALITY CODE

OCCUPANCY A-3, B

CONSTRUCTION TYPE

FIRE SPRINKLER NONE EXISTING; NO CHANGE

EASEMENTS: NO RECORDED EASEMENTS

VICINITY MAP

DIRECTORY

NCW LIBRARIES 16 N COLUMBIA STREET WENATCHEE, WA 98801 AMANDA LAWSON T: 509 630-2176 E: ALAWSON@NCRL.ORG

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seattle, washington 98119 LOWER LEVEL AND LOWER MEZZANINE office 206 775-8668 FLOOR PLAN

architecture

preservation

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design

A201 LOWER LEVEL AND LOWER MEZZANINE REFLECTED CEILING PLAN LOWER LEVEL ENLARGED REFLECTED CEILING PLAN BUILDING ELEVATION AND EXTERIOR DETAILS

ENLARGED PLAN AND INTERIOR ELEVATIONS ENLARGED PLANS

INTERIOR ELEVATIONS A700

DRAWING INDEX

GENERAL INFORMATION

FIRE & LIFE SAFETY PLANS

ARCHITECTURAL SITE PLAN

AND LOWER MEZZANINE

AND LOWER MEZZANINE

DEMOLITION PLAN - LOWER LEVEL

DEMOLITION RCP - LOWER LEVEL

ACCESSIBILITY DETAILS

BUILDING AND ENERGY CODE SUMMARY

G001

ARCHITECTURAL

AS000

AD201

A801 CASEWORK DETAILS

DOOR, EXTERIOR WINDOW, AND

MECHANICAL CALCULATIONS

LOWER LEVEL AND LOWER MEZZANINE BASE BID DEMO PLAN - MECHANICAL LOWER LEVEL AND LOWER MEZZANINE

BASE BID PLAN - MECHANICAL LOWER LEVEL AND LOWER MEZZANINE ADD ALT DEMO PLAN - MECHANICAL

LOWER LEVEL AND LOWER MEZZANINE ADD ALT PLAN - MECHANICAL M501 MECHANICAL DETAILS

MECHANICAL SCHEDULES

PLUMBING NOTES, SYMBOLS, LEGENDS,

POWER ONE-LINE DIAGRAM PANEL SCHEDULES

ELECTRICAL DETAILS

GENERAL INFORMATION

Bid Set

08/28/2023

---- OVERHEAD LINE

PROJECT SITE —

Wenatchee Public Library

Phase II Modernization

INTERIOR ELEVATIONS **Wenatchee Public Library Phase II** INTERIOR PARTITION DETAILS Modernization INTERIOR CEILING DETAILS A702 INTERIOR TYPICAL DETAILS LOCATION 310 Douglas Street INTERIOR PLAN DETAILS Wenatchee, WA 98801 FINISH SCHEDULE INTERIOR STOREFRONT SCHEDULES PREPARED FOR ADD ALTERNATES - PLANS, DETAILS, **North Central** AND SCHEDULES **Washington Libraries** MECHANICAL: MECHANICAL NOTES, SYMBOLS, & LEGENDS

PLUMBING: & SCHEDULES

> BASE BID FOUNDATION DEMO PLAN - PLUMBING BASE BID FOUNDATION PLAN - PLUMBING BASE BID FLOOR DEMO PLAN - PLUMBING

BASE BID FLOOR PLAN - PLUMBING PLUMBING DETAILS

ELECTRICAL:

ELECTRICAL LEGEND

LIGHTING AND EQUIPMENT SCHEDULES LOWER LEVEL - LIGHTING DEMOLITION PLAN LOWER LEVEL - ELECTRICAL DEMOLITION PLAN LOWER LEVEL - LIGHTING PLAN LOWER LEVEL - ELECTRICAL PLAN

ALTERNATE ENLARGED ELECTRICAL PLANS

08/28/2023

ARCHITECT STAMP

G001

WENATC	HEE PUBL	IC LIBRAR	RY								
BUILDING Section	Code	IALYSIS								Арріі	cation
Site Location	310 Douglas S										
Codes	Wenatchee Washing	A 98801 Iton State Buildir	na Code								
	2018 Internation	onal Existing Bui	ilding Code								
Occupancy	A-3, B										
Construction Type	Type III-B										med, based on existing ling materials
Number of	2, No change										
Stories Floor Area	No change										
Building	No change										
Height	·										
Fire	Non-sprinklere		IC A TION								
CHAPTER 3 301	BUILDING OCC	CUDANCY	ICATION								
301	Programmed L Assembly		Group A-3	Description Library	of Occupan	су				No a	hange to existing uses
	Business (Acce	essory)	В	Office							
CHAPTER 5	GENERAL BUI	LDING HEIGHTS	S & AREAS								
	Lower Level	AS IN GROSS S	10,204								
	Main Level		2,170 10,119							No ci area	hange to existing buildin
	Upper Mezzan	TOTAL	2,713 25,206	1							
504 504.2		GHT AND NUMI			e height and	number of str	ory limits spec	ified in this se	ction for the applicab	le See	504.4
J04.2	occupancies	ncy. No maivida	ar occupancy si	iaii exceed iii	e neightanu	number of su	ory minis spec	illed III (IIIS Se	cuon for the applicab	000	7U4.4
504.4	ALLOWABLE N	SPRINKLER	TYPE	III-B]						
	B	NS	5 5	B 3							ling complies; no change
	A-3	<i>S NS</i>	3	2						existi	ing conditions
		S	4	3	J						
506	BUILDING ARE	EA									
Table 506.2	ALLOWABLE A	AREA FACTOR IN	N SQUARE FEET		1						
	OCC GROUP	SPRINKLER NS	A 28,500	B 19,000							
	A-3	SM NS	85,500 14,000	57,000 9,500							
		SM JILDING AREAS:	42,000	28,500	J						
	A-3 B	15,836 1,958	GSF								
506.2.1	The allowable with equation 5	5-1:	_	ilding with no	more than or	ne story above	e grade plans	shall be dete	rmined in accordance	е	
	$A_a = [A_t + (NSx)]$	(lf)]	Tabular	Tabular	Area factor	Building		Width of			
		Allowable Area (A _a)	Allowable Area factor (At)	Allowable Area factor (NS)	Increase due to frontage (I _f)	perimeter fronting public way (F)	Perimeter of the entire building (P)	nublic way			
	Lower Level	15,147	9,500	9,500							
	Lower Mezzainine	15,147	9,500	9,500	0.59	407.00	482.00	30.00			
	Main Level	15,147	9,500	9,500	0.59	407.00	402.00	30.00			
	Upper Mezzanine	15,147	9,500	9,500							
506.3	Applied Equati	x W/30		•	? - 0.25] x 30/3						
	•	of entire building	• ,	P= 100 + 12		+ 42 + 45 + 13					
E00	,	L2 + W2 X L3 + W3	,	W = (100 x 4	15 + 121 x 20	+ 45 x 36 + 1	41 x 44)/ 407	= 36.22; Use	30		
508 508.1	Each portion a	building shall b	e individually cl						ins more than one 8.3 or 508.4, or a		
508.2		upancies. Acces							ion thereof. Shall con	nply	
508.2.3	occupancy of t	he building. Ago	gregate accesso	ry occupanci	es shall not o	ccupy more th	nan 10% of th	e floor area o	n 506 for the main f the story in which the	э у	
508.2.4	Separation of a	accessory occup				_			ccessory occupancy. upancy.		
508.3 508.3.1		assification: Non							302.1. The requireme		
508.3.2	provisions of C	Chapter 9 that ap	oply to the nonse	eparated occi	upancies sha	ll apply to the	total nonsepa	arated occupa			
508.3.3	No separation	is required betv	ween nonsepara	ated occupan	cies.						
CHAPTER 6 Table 601	TYPES OF COM	NSTRUCTION NCE RATING RE	EQUIREMENTS I	FOR BUILDIN	G ELEMENTS	(HOURS)					
		BUILDING				PE III					ling complies with type III truction - 8 inch exterior
	Structural fram Bearing walls,	exterior			1	0 2				bear	ing walls meet 2-hr rating
	Bearing walls,	alls, exterior				0 ble 602					
		tion and associa			1	0					
602.3	Type III constru	of any material p	e of construction permitted by this	in which the code. Fire-re	tardant-treate	ed wood fram			e interior building ng with Section 2303.	2	
Table 602	·	tted within exteri			_	ED ON FIRE S		DISTANCE			
		TION DISTANCE	E = X (feet)		onstruction	(pancy A)			Com	olies - Exterior wall exce
	X < 5 5 ≤ X < 10	2007		Other	s (III-B)	1 h	our	-		minii	ones - Exterior wan excer num due to 8inch exterio ing wall, meets 2-hr ratin
	10 feet ≤ X < X ≥ 30 feet				s (III-B)		our 0	}			-
CHAPTER 7 705	FIRE AND SMO	OKE PROTECTION	ON FEATURES								
705.5	Fire-resistance - Exterior walls	e ratings shall be fire res					an 10 foot-l	all he reted f	r eynacura to for for	n the	
		tance rating of e				-	arr 10 īeet sh	an be rated fo	r exposure to fire fron	ii die	

CHAPTER 8 803	INTERIOR FIN	IISHES EILING FINISH								
803 803.13	Interior finish	EILING FINISH requirements bar and ceiling finish		ame enroad in	dev not are	ater than once	ied in Tabl	e 803 11		
Table 803.13		ALL AND CEILING		·	· ·	•	ieu iii Tabii	6 003.11		Classes A, B, and C required
Table 003.13			S	NS ures & exit	S	NS	S	NS and enclosed		compliant: see wall assemblie
		roup	passag	jeways		rridors	S	spaces		
		A-3 B	B B	A A	B C	A B	C	B C		
804 804.4.1	INTERIOR FL	OOR FINISH	ts							
304.4.1	- In all occupa			aterials shall co	mply with th	ne requiremen	ts of the DO	OC FF-1 "pill te	st" (CPSC 16 CFR Part	Finishes to be compliant
804.4.2	- In all occupa	incies, interior flo							ramps, exit passageways, ceiling shall withstand a	
	minimum criti	cal fluxnot less t	than Class II in	Groups A, R-2	, and S					
806 806.8	Interior floor-v									
		-wall base that is floor finish is req					ection 804.	.2 and shall no	ot be less than Class II;	Base to be compliant
CHAPTER 9		TION SYSTEMS								
OUARTER 40		Narm Systems to	be modified as	design/build (ınder separ	ate permit				
CHAPTER 10 1003	GENERAL ME	ANS OF EGRESS	3							
1003.2		<u>t:</u> iling height of 7'- om per Section 1		80"						
	- Door height	per Section 1010 room per Section).1.1	80" 80"						
4000 0 4		•			w the minim	um ceiling hei	ght where a	a minumum he	adroom of 80" is provided	Building complies; no change
1003.3.1	over any walk			. 20.0		g			- F	existing conditions
1004 Table		r area allowance	es per occupa <u>n</u>	t			_	_	_	
1004.1.2	Function of s	Business (w/o	sprinkler)			Осс	upant Load 150 gsf		_	
	A-3 A-3	Assembly (unc		bles and chai	rs)		15 net 100 gsf		_	
	A-3 A-3	Assembly (Libr Assembly (Gall	, ,,				50 net 30 net			
	S-1	Storage	- 17				300 gsf			
	Occupancy Group	Function		A (-f)		Occupant Load Factor		Occupan Load	t	
	LOWER LEVE	Function		Area (sf)		2000 1 0000		Load	_	See additional exiting
	A-3 A-3	Library-Stacks Sm. Meeting		2887 491		100		3		calculations and routes on sh G220
	A-3 A-3	Lq. Meeting Study (Reading	g)	1032 141		15 50		6		
	A-3 A-3	Quiet (Reading Breakroom		86 288		50 15			<u>2</u> 0	
	B B	Open Office Office		767 84		150 150			<u>6</u> 1	
	B B	Office Office Loading		84 178 462		150 150 150		_	1 2 4	
	S-1 S-1	Mechanical/St	orage	472		300			1 2	
	LOWER LEVE							17	3	
	A-3	Library - Read		668		50		1		
	A-3 A-3	Library - Stacks Gallery ZANINE TOTAL	S	540 125		30			6 5 5	
		existing, no chan	age to exiting)						<u> </u>	
	A-3 A-3	Library-Stacks Library-Stacks		2630 1699		100 100		2	7 7	
	A-3 A-3	Library-Stacks Library-Readir	ng	520 1169		100 50		2	<u>6</u>	
	A-3 A-3 A-3	Library-Stacks Library-Stacks Meeting		174 155 246		100 100 15			2 2 7	
	S-1 B	Storage Service		342 95		300 150			<u>2</u> 1	
	MAIN LEVEL							9	8	
	A-3	ANINE (existing, r	ing	940		50		1		
	A-3 S-1 UPPER MEZZ	Library - Stacks Mechanical	5	1,153 78		100 300		3	1	
	BUILDING TO							32		
1005	EGRESS WID									
1005.3		ess width: ant load x 0.3" s of egress: occup	aantlaad v 0 2							Compliant: see sheet G220 for earess widths
	- Outer means	s or egress. occup	Jantioau X 0.2							
1005.5		f minimum width a								Compliant: see sheet G220 for egress widths
	•	of the required		•				,		
1014	HANDRAILS									
1014.2	Height	n 34" or greater tl	nan 38" above	stair tread nos	sings or finis	sh surface of ra	mp			Compliant: see sheet A500
1014.3.1	Type I (Grasp	ability)			_			cular, required	to have a perimeter	
1014.6	dimension of Handrail exte	at least 4" and no nsions	ot more than 6-	1/4" with a ma	ximum cross	s sectional dim	ension of 2	-1/4"	·	Compliant: see sheet A500
		return to a wall, ontinuous betwe			l 12" horizoi	ntaly beyond to	p riser and	continue to sl	ope for the depth of one	
	tread beyond	the bottom riser								
1015 1015.2	GUARDS Where requir	ed_								Compliant: see sheet A500
1015.3	- Required al	ong open sided v	valkways that a	re located mo	re than 30"	above floor or	grade at an	ny point within	36" horizontally	Compliant: see sheet A500
1015.7		n 42" measured v	ertically above	the adjacent	walking surf	ace or line con	necting lea	ding edge of	stair treads	,
	- Required wh	nere roof hatch is		_			-	•	ere ANSI/ASSE Z 359.1 are	
	affixed for use		e roof covering	lifetime. The o	levices shal	l be placed no			along hip and ridge lines	
				age of open si	ue oi waikiii	g surface.				
1017 1017.2		TRAVEL DISTAN		<u> 1017.2</u>						
Table 1017.2	EXIT ACCESS	TRAVEL DISTAN	CE		_					
	Осс	upancy	w/o SPRI	NKLERS						
		В	20	00						
1017.3		A-3	20	00						Compliant: see maximum exit
1017.3	-Measuremen	nt. Exit access tra	vei distance sh	all no mosellr	an trom the	-noot romoto n	unt within a	a story along t	ie natural and	access travel distance on she

Section	Code										Application	
1028	EXIT DISCHA	RGE									,,,	
1028.1	General											
	- Exits to disch	narge directly to b	uilding exterior									
		permits a maximu		mber and ca	pacity of exit e	nclosures thr	ough a vestib	oule at the lev	el of discharg	e provided		
	•	requirements are										
		e area of the vesti		ed from areas	s below by cor	istruction con	itorming to the	e tire-resistan	ce rating of th	e interior		
	,	exit stairway or ramp enclosure 2.2 The dept from the exterior of the building is not greater than 10' and the width is not greater than 30'										
		2.3 The area is separated from the remainder of the level of exit discharge by the fire partition constructed in accordance with Section 708 2.4 The area is used only for means of egress and exits directly to the outside Interpretation I1028.1 Exception 2 applies only to vestibules with direct access from the interior exit stairway or ramp Access to a public way										
1028.5	Access to a pu											
	- The exit disc	charge shall provi	de direct and u	nobstructed a	access to a pu	blic way						
CHADTED 11	ACCESSIBILI	TY										
1101	GENERAL	••										
1101.2	Design											
	 Accessibility 	required per this	code and ICC	A1171.1 exce	pt portions an	nended in thi	s section					
1103	SCOPING RE	QUIREMENTS										
1103.2	General exce											
1103.2.2		elements within e	mployee work	areas shall o	nly be require	d to comply v	vith Sections	907.5.2.3.2, 1	007 and 1104	1.3.1 and		
	-	gned and constru										
1103.2.9	- Equipments	spaces used by m	aintenance to r	nonitor, main	tain or repair	equipment ar	e not require	d to be acces	sible			
1105	ACCESSION F	ENTRANCES										
1105 1105.1	Public Entran	ENTRANCES									Puilding compliants	
1100.1		ces o the requiremen	ts of Sections 1	105.1.1 throu	ah 1105.1.6 a	at least 60% o	of all public er	ntrances to be	accessible		Building complies; no cha existing conditions	
	iii adailaoii a	o tro roquironion	0100000101101	100:1:1 01100	911 1100.1.0,	201000000000000000000000000000000000000	or an pablic of	18 011000 10 00	0000001010		existing contaitions	
CHAPTER 12	INTERIOR EN	VIRONMENT										
1208.2	7'-6" min ceili	ing height habitat	le spaces, corr	idors, etc								
	7'-0" min ceili	ng height bathro	oms, kitchen, sto	orage								
	ceiling height	t in egress path - s	see 1003.2									
1208.2.1	Furred cailing	minimum height	7'_0"									
1200.2.1	i uneu cenniç	ı illininindiri nelgini	.7 -0									
CHAPTER 29	PLUMBING											
2902.1	B - OFFICE											
	FIXTURES: 1 per 25 for the first 50, and 1 per 50 for the remainder LAVS: 1 per 40 for the first 80 humans and 1 per 80 for the remainder											
	A-3 LIBRARY	<u>′</u>		er oo ior trie i	cinamaci							
	A-3 LIBRARY FIXTURES: 1	<u>′</u> per 125 male; 1 p		er oo lor tile i	cinamaci							
	A-3 LIBRARY	<u>′</u> per 125 male; 1 p		er oo lor trie i	emander							
	A-3 LIBRARY FIXTURES: 1	<u>′</u> per 125 male; 1 p		Π	Т	required	roquired	roquired	required		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1	<u>f</u> per 125 male; 1 p 00		Occupants	humans	required	required toilets	required	required		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1	<u>′</u> per 125 male; 1 p	er 65 female	Occupants per	humans (each male	toilets	toilets	lavs	lavs		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	per 125 male; 1 p 00 Floor	er 65 female Occupancy Type	Occupants per 1004.1.2	humans (each male & female)	toilets (male)	toilets (female)	lavs (male)	lavs (female)		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	per 125 male; 1 p 00 Floor Main Level	er 65 female Occupancy	Occupants per	humans (each male	toilets	toilets	lavs	lavs		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1	gper 125 male; 1 p 00 Floor Main Level and	er 65 female Occupancy Type	Occupants per 1004.1.2	humans (each male & female)	toilets (male)	toilets (female)	lavs (male)	lavs (female)		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	per 125 male; 1 p 00 Floor Main Level and Mezzanine	er 65 female Occupancy Type B	Occupants per 1004.1.2	humans (each male & female)	toilets (male)	toilets (female)	lavs (male)	lavs (female)		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level	Occupancy Type B A-3	Occupants per 1004.1.2 1 129	humans (each male & female) 1 65	toilets (male) 0.02 0.52	toilets (female) 0.02 0.99	lavs (male) 0.03 0.65	lavs (female) 0.03 0.65		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	per 125 male; 1 p 00 Floor Main Level and Mezzanine	er 65 female Occupancy Type B	Occupants per 1004.1.2	humans (each male & female)	toilets (male)	toilets (female)	lavs (male)	lavs (female)		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Floor Main Level and Mezzanine Lower Level and Lower	Occupancy Type B A-3	Occupants per 1004.1.2 1 129	humans (each male & female) 1 65	toilets (male) 0.02 0.52	toilets (female) 0.02 0.99	lavs (male) 0.03 0.65	lavs (female) 0.03 0.65		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Floor Main Level and Mezzanine Lower Level and Lower Mezzanine	Occupancy Type B A-3	Occupants per 1004.1.2 1 129	humans (each male & female) 1 65	toilets (male) 0.02 0.52	toilets (female) 0.02 0.99	lavs (male) 0.03 0.65	lavs (female) 0.03 0.65		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Floor Main Level and Mezzanine Lower Level and Lower	Occupancy Type B A-3	Occupants per 1004.1.2 1 129	humans (each male & female) 1 65	toilets (male) 0.02 0.52	toilets (female) 0.02 0.99	lavs (male) 0.03 0.65	lavs (female) 0.03 0.65		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level Lower Mezzanine	Occupancy Type B A-3	Occupants per 1004.1.2 1 129 29	humans (each male & female) 1 65	toilets (male) 0.02 0.52	toilets (female) 0.02 0.99 0.23	lavs (male) 0.03 0.65 0.15	lavs (female) 0.03 0.65		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine	Occupancy Type B A-3	Occupants per 1004.1.2 1 129 29	humans (each male & female) 1 65	toilets (male) 0.02 0.52	toilets (female) 0.02 0.99 0.23	lavs (male) 0.03 0.65 0.15	lavs (female) 0.03 0.65		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 000 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine	Occupancy Type B A-3	Occupants per 1004.1.2 1 129 29	humans (each male & female) 1 65	toilets (male) 0.02 0.52	toilets (female) 0.02 0.99 0.23	lavs (male) 0.03 0.65 0.15	lavs (female) 0.03 0.65		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Lower Level and Lower Lower Level and Lower Lower Level and Lower Mezzanine Lower Level	Occupancy Type B A-3 A-3	Occupants per 1004.1.2 1 129 29	humans (each male & female) 1 65 15	0.02 0.52 0.12	toilets (female) 0.02 0.99 0.23	0.03 0.65 0.15	lavs (female) 0.03 0.65 0.15		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine	Occupancy Type B A-3 A-3 B A-3	Occupants per 1004.1.2 1 129 29	humans (each male & female) 1 65 15	0.02 0.52 0.12 0.28	toilets (female) 0.02 0.99 0.23 0.28 1.19	0.03 0.65 0.15 0.35	0.03 0.65 0.15		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine	Occupancy Type B A-3 A-3	Occupants per 1004.1.2 1 129 29 14	humans (each male & female) 1 65 15	0.02 0.52 0.12 0.28	toilets (female) 0.02 0.99 0.23	0.03 0.65 0.15	0.03 0.65 0.15		complies - see plans per	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Total Required Total Provided	Occupancy Type B A-3 A-3 (new+existin	Occupants per 1004.1.2 1 129 29 14 155	humans (each male & female) 1 65 15 7	0.02 0.52 0.12 0.28 0.62 2 5	0.02 0.99 0.23 0.28	0.03 0.65 0.15 0.35	0.03 0.65 0.15			
2902.2.2	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Total Required	Occupancy Type B A-3 A-3 (new+existin	Occupants per 1004.1.2 1 129 29 14 155	humans (each male & female) 1 65 15 7	0.02 0.52 0.12 0.28 0.62 2 5	0.02 0.99 0.23 0.28	0.03 0.65 0.15 0.35	0.03 0.65 0.15		Complies - there is no re	
2902.2.2	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Total Required Total Provided	Occupancy Type B A-3 A-3 (new+existin	Occupants per 1004.1.2 1 129 29 14 155	humans (each male & female) 1 65 15 7	0.02 0.52 0.12 0.28 0.62 2 5	0.02 0.99 0.23 0.28	0.03 0.65 0.15 0.35	0.03 0.65 0.15		Complies - there is no re in the number of fixtures	
2902.2.2	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Total Required Total Provided	Occupancy Type B A-3 A-3 (new+existin	Occupants per 1004.1.2 1 129 29 14 155	humans (each male & female) 1 65 15 7	0.02 0.52 0.12 0.28 0.62 2 5	0.02 0.99 0.23 0.28	0.03 0.65 0.15 0.35	0.03 0.65 0.15		complies - see plans per Complies - there is no re in the number of fixtures required for male and fe	
2902.2.2	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Total Required Total Provided ral toilet facilities,	Occupancy Type B A-3 A-3 (new+existin	Occupants per 1004.1.2 1 129 29 14 155	humans (each male & female) 1 65 15 7 78	0.02 0.52 0.12 0.28 0.62 2 5	0.02 0.99 0.23 0.28	0.03 0.65 0.15 0.35	0.03 0.65 0.15		Complies - there is no re in the number of fixtures	
	A-3 LIBRARY FIXTURES: 1 LAVS: 1 per 2 SNLSXX Gender-neut	Per 125 male; 1 p 00 Floor Main Level and Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Lower Level and Lower Mezzanine Total Required Total Provided ral toilet facilities,	er 65 female Occupancy Type B A-3 A-3 B A-3 (new+existin	Occupants	humans (each male & female) 1 65 15 7 78	0.02 0.52 0.12 0.28 0.62 2 5	0.02 0.99 0.23 0.28	0.03 0.65 0.15 0.35	0.03 0.65 0.15		Complies - there is no re in the number of fixtures	

Section	Code									Application
CHAPTER 3		REQUIREMENTS								777
C303.1		es from Table C3	01.1 shall be us	ed in determinin	g the applicable	requirements from	om Chapter 4			
Table C301.1	Climate Zone	5B								
C303.1.1 C303.1.3	Insulating materials shall be installed such that the manufacturer's R-value mark is readily observable upon inspection For windows and doors, U-factor ratings shall be determined in accordance with NFRC 100. U-factors shall be determined by an accredited, independent laboratory, and labeled and certified by the manufacturer.									
	Products lac coefficient (\$ accordance	cking such a label SGHC) and visible	ed U-factor shale transmittance y an acfdredited	I be assigned a (VT) of glazed fe	default U-factor enestration prod aboratory, and I	lucts (windows, gabeled and certifi	glazed doors a	and skylights) s	3.1.3(4). The solar heat gain shall be determined in educts lacking such a labeled	
Table C303.1.3(1)	Defa	ult Glazed Window	v, Glass Door U	-Factors						
	F.,	T	Window and	d Glass Door						
	Fra	ime Type	Single Pane	Double Pane						
		Metal	1.20	0.80						
	Metal with	Thermal Break	1.10	0.65						
Table C303.1.3(3)	Single Glazed		Glazed	Double	Glazed	•				
		Clear	Tinted	Clear	Tinted					
	SHGC	0.40	0.40	0.40	0.40					
	VT	0.60	0.30	0.60	0.30					
CHARTER 4 ICEL	COMMERC	IAL ENERGY EF	EICIENCY							
CHAPTER 4 [CE] C402.4		shall comply with		4 through C402	1 1 and Table (2402.4				
C402.4.1		rea. The vertical for		•			Irel panels) sh	nall not be grea	ter than 30% of the gross	Complies: new and e fenestration is less th gross above grade w
Table C402.4		Ruildin	n Envelone Fen	estration Maxim	um II-Factor ar	d SHGC Require	ements			gross above grade w
14510 0 102.1	Climate Zon		g Envolope i on	ootiation maxim	uni o i dotoi di	5 and M				
		QUIRED for Fixed	Fenestration			U-0.				
	U-factor PR					U-0.				
		UIRED for All Ver	tical Fenestration	n		Refer to doo				
	Orientation				SE	W		N		
	PF < 0.2				0.	38	0).51		
	0.2 ≤ PF < 0).5			0.	46	C).56		
	PF ≥ 0.5				0.	61	C).61		
									<u> </u>	
CHAPTER 5	EXISTING E	BUILDINGS								
C503.1	of this code building or s	as they relate to r tructure is no less	new construction	n without requirir the code than the	ng the unaltered	I portions to com ng or structure w	ply with this ovas prior to alt	code. Alteration teration.	all conform to the provisions s shall be such that the ation of a vestibule or revolving	

			Project Title	Wenatchee Di	ıblic Library - 20	18 WSEC	For Building D	enartment I	se-		ъ.	. 21 20-
			110ject 11tie	_	Douglas Street	IO HOLC	Tor Bunding D	epariment (iso.		Date: A	Aug 31, 2023
Project & Appli	icont		Project Address		atchee, WA 9880	1						
Project & Appilo Information	rant		Applicant Name		Adam Stoker							
			Applicant Phone	206-866-9129								
			Applicant Email		buildingwork.des	sien						
			For questions about this repor			_	300 or via email at co	om.techsupr	ort@waenergyco	des.com		
				,								
General Occupa	ancy		All Commercial	General Building Use Typ	e(s)	Entmt/As	sembly, Library	Building	Cond. Floor Are	ea	25,20	10
								Project (Cond. Floor Area	ı	5,500	0
Project Scope			Alteration	Space Conditioning Cates	gories	Fully	Conditioned	Floors A	bove Grade		1	
								Complia	nce Method	C	ompliance Meth	od 1 - General
Envelope Projec	ct Description			al interior renovation of the terior partitions; new interior								
Envelope Compliance	Scope	Space (Conditioning Category	Compliance Method	WWR/SRR per Category	UA	Calculation Adjust	ment	Fenestra	tion Alternates	Compliano	ce Verification
Scope and		ully Conditioned	Prescriptive	17.93% / 0%	No Cal	culation Adjustments	allowed	No alter	rnates selected	COM	MPLIES	
Project	T 141.											
			ALTERATION EL						Compliance	Varification C		2023
Scope & Spac	ce Condition		ALTERATION - FU	LLY CONDITIONEI)				•	Verification Co	OMPLIES	
Scope & Space	ce Condition		ALTERATION - FU)		0% Vertical Fen	estration A	•	_		
Scope & Spac	ce Condition		ALTERATION - FU	LLY CONDITIONEI))% Vertical Fen	estration A	•	_	OMPLIES	
Scope & Spac	ce Condition		ALTERATION - FU	LLY CONDITIONEI)		0% Vertical Fen		lternate	_	OMPLIES	
Scope & Spac Window-to-wall Opaque Envelop	ce Condition		ALTERATION - FU	LLY CONDITIONEI		oly Location	Vertical Fen	Insulati	on R-Values Continuous	Verification CO	OMPLIES	es selected
Scope & Spac Window-to-wall Opaque Envelop Walls	ce Condition	ing	ALTERATION - FU	ILLY CONDITIONEI ylight-to-roof-ratio	Assemb		-	Insulati	lternate on R-Values	Verification Co	OMPLIES No alternat	es selected
Scope & Spac Window-to-wall Opaque Envelop	ce Condition I Ratio pe Assemblies	ing	ALTERATION - FU 17.93% Sk Location in Documents	LLY CONDITIONEI ylight-to-roof-ratio Assembly ID Existing Exterior Wa	Assemb	ly Location	-	Insulati (on R-Values Continuous % penetration) 1-9.5 (< 0.04%)	Verification CO	OMPLIES No alternat	es selected Net Area (SF)
Scope & Spac Window-to-wall Opaque Envelop Walls	ce Condition I Ratio pe Assemblies	ing	ALTERATION - FU 17.93% Sk Location in Documents A101	Assembly ID Existing Exterior Warring?: Yes	Assemb	ly Location	Cavity	Insulati (on R-Values Continuous % penetration) 1-9.5 (< 0.04%)	Verification CO	OMPLIES No alternat	es selected Net Area (SF)
Scope & Spac Window-to-wall Opaque Envelop Walls	ce Condition I Ratio pe Assemblies	ing	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur	Assembly ID Existing Exterior Warring?: Yes	Assemb	ly Location	Cavity Wall Furring Materia	Insulati (Hal: Wood-fra	on R-Values Continuous % penetration) 1-9.5 (< 0.04%)	Verification CO	OMPLIES No alternat	es selected Net Area (SF)
Scope & Spac Window-to-wall Opaque Envelop	ce Condition I Ratio pe Assemblies	Commercial	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing	Assembly ID Existing Exterior Warring?: Yes Depth	Assemb	ly Location Yes	Cavity Wall Furring Materia Framing Spacing:	Insulati (Hal: Wood-fra	on R-Values Continuous % penetration) 1-9.5 (< 0.04%)	Verification CO	OMPLIES No alternat	es selected Net Area (SF
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec	ce Condition I Ratio pe Assemblies cast concrete) - 6	Commercial	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source:	Assembly ID Existing Exterior Warring?: Yes Depth	Assemb	ly Location Yes	Cavity Wall Furring Materia Framing Spacing:	Insulati (Hal: Wood-fra	on R-Values Continuous % penetration) 1-9.5 (< 0.04%)	Verification CO	OMPLIES No alternat	es selected Net Area (SF)
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec	ce Condition I Ratio pe Assemblies cast concrete) - 0	Commercial	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or upgraded	Assembly ID Existing Exterior Warring?: Yes Depth maltered existing?: Unaltered	Assemb	ly Location Yes	Cavity Wall Furring Materia Framing Spacing: U-Factor Source Des	Insulati (Hal: Wood-fra	on R-Values Continuous % penetration) -9-5 (< 0.04%)	Verification CO	OMPLIES No alternat U-Factor	Net Area (SF)
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec	ce Condition I Ratio pe Assemblies cast concrete) - 0	Commercial	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or u Location in Documents	Assembly ID Existing Exterior Warring?: Yes Depth Maltered existing?: Unaltered Assembly ID Existing slab on grad	Assemb	yes bly Location Yes	Cavity Wall Furring Materia Framing Spacing: U-Factor Source De	Insulati (Hal: Wood-fra	on R-Values Continuous % penetration) -9-5 (< 0.04%)	Verification CO	OMPLIES No alternat U-Factor	Net Area (SF) 10,000 Perimeter Length (SF)
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec	ce Condition I Ratio pe Assemblies cast concrete) - 0	Commercial	Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101	Assembly ID Existing Exterior Warring?: Yes Depth Maltered existing?: Unaltered Assembly ID Existing slab on grad	Assemb	yes bly Location Yes	Cavity Wall Furring Materia Framing Spacing: U-Factor Source Dec Slab Edge R-10	Insulati (on R-Values Continuous % penetration) -9-5 (< 0.04%) mme Under Slab	Verification Co	OMPLIES No alternat U-Factor F-Factor	Net Area (SF) 10,000 Perimeter Length (SF)
Scope & Spac Window-to-wall Opaque Envelor Walls Mass (prec	ce Condition I Ratio pe Assemblies cast concrete) - 0	Commercial nheated slab	Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101 Slab Insulation Method: Unins	Assembly ID Existing Exterior Warring?: Yes Depth Maltered existing?: Unaltered Assembly ID Existing slab on grad	Assemb	yes bly Location Yes	Cavity Wall Furring Materia Framing Spacing: U-Factor Source De Slab Edge R-10 F-Factor Source:	Insulati (on R-Values Continuous % penetration) -9-5 (< 0.04%) mme Under Slab	Verification Co	OMPLIES No alternat U-Factor F-Factor	Net Area (SF) 10,000 Perimeter Length (SF)
Scope & Spac Window-to-wall Opaque Envelor Walls Mass (prec	ce Condition I Ratio pe Assemblies cast concrete) - 0	Commercial nheated slab	Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101 Slab Insulation Method: Unins	Assembly ID Existing Exterior Warring?: Yes Depth Maltered existing?: Unaltered Assembly ID Existing slab on grad	Assemb	yes bly Location Yes	Cavity Wall Furring Materia Framing Spacing: U-Factor Source De Slab Edge R-10 F-Factor Source:	Insulati	on R-Values Continuous % penetration) -9-5 (< 0.04%) mme Under Slab	Verification Co	OMPLIES No alternat U-Factor F-Factor	Net Area (SF) 10,000 Perimeter Length (SF)
Scope & Spac Window-to-wall Opaque Envelor Walls Mass (prec	ce Condition I Ratio pe Assemblies cast concrete) - 0 Un Opaque Door A	Commercial nheated slab	Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101 Slab Insulation Method: Unins	Assembly ID Existing Exterior Warring?: Yes Depth Maltered existing?: Unaltered Assembly ID Existing slab on grad	Assemb d existing assemb Assemb	yes bly Location Yes	Cavity Wall Furring Materia Framing Spacing: U-Factor Source De Slab Edge R-10 F-Factor Source:	Insulati ((I I al: Wood-fra al: Wood-fra scription:	on R-Values Continuous % penetration) 1.9.5 (< 0.04%) mme Under Slab	Verification Co	OMPLIES No alternat U-Factor F-Factor	Net Area (SF 10,000 Perimeter Length (SF) 480 Rough
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec Slab-on-grade F Fenestration & G Vertical Fenestr	ce Condition I Ratio pe Assemblies cast concrete) - 0 Un Opaque Door A	Commercial habitance slab	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101 Slab Insulation Method: Unins F-Factor Source Description:	Assembly ID Existing Exterior Warring?: Yes Depth maltered existing?: Unaltere Assembly ID Existing slab on gradulated slab	Assemb d existing assemb Assemb e At gr	ly Location Yes Ply Location ade level	Cavity Wall Furring Materix Framing Spacing: U-Factor Source De Slab Edge R-10 F-Factor Source: Is assembly new, up	Insulati ((I I I I I I I I I I I I I I I I I	on R-Values Continuous penetration) 1.9.5 (< 0.04%) mme Under Slab altered existing?	Insulated Wall Furring Yes Unaltered existing	OMPLIES No alternat U-Factor F-Factor assembly	Net Area (SF) 10,000 Perimeter Length (SF) 480 Rough
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec Slab-on-grade F Fenestration & G Vertical Fenestr	cee Condition I Ratio pe Assemblies cast concrete) - G Opaque Door A ration	Commercial habitance slab	Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101 Slab Insulation Method: Unins F-Factor Source Description: Location in Documents	Assembly ID Existing Exterior Warring?: Yes Depth maltered existing?: Unaltere Assembly ID Existing slab on gradulated slab Assembly ID	Assemb d existing assemb Assemb e At gr	ly Location Yes Oly Location ade level	Cavity Wall Furring Materia Framing Spacing: U-Factor Source Des Slab Edge R-10 F-Factor Source: Is assembly new, up, Orientation	Insulati (on R-Values Continuous % penetration) .9-5 (< 0.04%) mme Under Slab ulltered existing?:	Insulated Wall Furring Yes Unaltered existing Fenestration SHGC	OMPLIES No alternat U-Factor F-Factor assembly Fenestration U-Factor	Net Area (SF 10,000 Perimeter Length (SF) 480 Rough Opening (SF
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec Slab-on-grade F Fenestration & G Vertical Fenestr	cee Condition I Ratio pe Assemblies cast concrete) - G Opaque Door A ration	Commercial habitance slab	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101 Slab Insulation Method: Unins F-Factor Source Description: Location in Documents A101	Assembly ID Existing Exterior Warring?: Yes Depth Mattered existing?: Unaltered Assembly ID Existing slab on gradulated slab Assembly ID Existing slab on gradulated slab Assembly ID Existing Windows	Assemb d existing assemb Assemb e At gr	ly Location Yes Oly Location ade level	Cavity Wall Furring Materix Framing Spacing: U-Factor Source De Slab Edge R-10 F-Factor Source: Is assembly new, up, Orientation South/East/West F	Insulati (Faragraphic Fa	on R-Values Continuous % penetration) 1-9-5 (< 0.04%) unne Under Slab altered existing? on R-Values Shading (PF) PF < 0.2	Verification Ct Insulated Wall Furring Yes Unaltered existing Fenestration SHGC-0.38	OMPLIES No alternat U-Factor F-Factor assembly Fenestration U-Factor U-0.38	Net Area (SF 10,000 Perimeter Length (SF) 480 Rough Opening (SF
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec Slab-on-grade F Fenestration & G Vertical Fenestr	cee Condition I Ratio pe Assemblies cast concrete) - G Opaque Door A ration	Commercial nheated slab	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101 Slab Insulation Method: Unins F-Factor Source Description: Location in Documents A101 U-Factor & SHGC Source:	Assembly ID Existing Exterior Warring?: Yes Depth Mattered existing?: Unaltered Assembly ID Existing slab on gradulated slab Assembly ID Existing slab on gradulated slab Assembly ID Existing Windows	Assemb d existing assemb Assemb Assemb Assemb	ly Location Yes Oly Location ade level	Cavity Wall Furring Materia Framing Spacing: U-Factor Source De Slab Edge R-10 F-Factor Source: Is assembly new, up, Orientation South/East/West F U-Factor Source De	Insulati (on R-Values Continuous % penetration) 1-9-5 (< 0.04%) unne Under Slab altered existing? on R-Values Shading (PF) PF < 0.2	Verification Ct Insulated Wall Furring Yes Unaltered existing Fenestration SHGC-0.38	OMPLIES No alternat U-Factor F-Factor assembly Fenestration U-Factor U-0.38	Net Area (SF 10,000 Perimeter Length (SF) 480 Rough Opening (SF
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec Slab-on-grade F Fenestration & G Vertical Fenestr	ce Condition I Ratio pe Assemblies cast concrete) - 0 Opaque Door A ration ixed - Class AW	Commercial nheated slab	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall furframing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or to Location in Documents A101 Slab Insulation Method: Unins F-Factor Source Description: Location in Documents A101 U-Factor & SHGC Source: Is this assembly exterior or interest.	Assembly ID Existing Exterior Warring?: Yes Depth Assembly ID Existing Exterior Warring?: Unaltered existing?: Unaltered Assembly ID Existing slab on gradulated slab Assembly ID Existing Windows	Assemb d existing assemb Assemb Assemb Assemb	oly Location Yes Oly Location rade level ly Location kterior	Cavity Wall Furring Materia Framing Spacing: U-Factor Source De: Slab Edge R-10 F-Factor Source: Is assembly new, up, Orientation South/East/West F U-Factor Source De: Is assembly new, up,	Insulati (on R-Values Continuous % penetration) 1:9.5 (< 0.04%) mme Under Slab under Slab altered existing?: PF < 0.2 under Slab altered existing?:	Insulated Wall Furring Yes Unaltered existing Fenestration SHGC SHGC-0.38 Unaltered existing	W-Factor F-Factor Fenestration U-Factor U-Gator U-Gator U-Gator U-Gator U-Gator U-Gator U-Gator U-Gator U-Gator	Net Area (SF, 10,000 Perimeter Length (SF) 480 Rough Opening (SF) 1,153
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec Slab-on-grade F Fenestration & G Vertical Fenestr	ce Condition I Ratio pe Assemblies cast concrete) - 0 Opaque Door A ration ixed - Class AW	Commercial nheated slab	Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or u Location in Documents A101 Slab Insulation Method: Unins F-Factor Source Description: Location in Documents A101 U-Factor & SHGC Source: Is this assembly exterior or intervals.	Assembly ID Existing Exterior Watring?: Yes Depth Maltered existing?: Unaltered Assembly ID Existing slab on gradulated slab Assembly ID Existing slab on gradulated slab Assembly ID Existing Windows Existing Windows	Assemb d existing assemb Assemb Assemb Assemb	oly Location Yes Oly Location rade level ly Location kterior	Cavity Wall Furring Materia Framing Spacing: U-Factor Source De Slab Edge R-10 F-Factor Source: Is assembly new, up, Orientation South/East/West F U-Factor Source De Is assembly new, up, North Facing	Insulati (on R-Values Continuous % penetration) .9-5 (< 0.04%) me Under Slab altered existing? on R-Values Shading (PF) PF < 0.2 plattered existing?	Unaltered existing Fenestration SHGC SHGC-0.51	W-Factor F-Factor Fenestration U-Factor U-Factor U-Factor U-O.38 assembly U-0.38	Net Area (SF) 10,000 Perimeter Length (SF) 480 Rough Opening (SF) 1,153
Scope & Spac Window-to-wall Opaque Envelop Walls Mass (prec Slab-on-grade F Fenestration & t Vertical Fenestr	ce Condition I Ratio pe Assemblies cast concrete) - 0 Opaque Door A ration ixed - Class AW	Commercial Inheated slab Assemblies or site built	ALTERATION - FU 17.93% Sk Location in Documents A101 Does assembly include wall fur Framing Depth: Other Framing U-Factor Source: Is assembly new, upgraded or u Location in Documents A101 Slab Insulation Method: Unins F-Factor Source Description: Location in Documents A101 U-Factor & SHGC Source: Is this assembly exterior or inte A101 U-Factor & SHGC Source:	Assembly ID Existing Exterior Watring?: Yes Depth Maltered existing?: Unaltered Assembly ID Existing slab on gradulated slab Assembly ID Existing slab on gradulated slab Assembly ID Existing Windows Existing Windows	Assemb d existing assemb Assemb E Assemb E	oly Location Yes Oly Location rade level ly Location kterior	Cavity Wall Furring Materia Framing Spacing: U-Factor Source Des Slab Edge R-10 F-Factor Source: Is assembly new, up, Orientation South/East/West F U-Factor Source Des North Facing U-Factor Source Des	Insulati (on R-Values Continuous % penetration) .9-5 (< 0.04%) me Under Slab altered existing? on R-Values Shading (PF) PF < 0.2 plattered existing?	Unaltered existing Fenestration SHGC SHGC-0.51	W-Factor F-Factor Fenestration U-Factor U-Factor U-Factor U-O.38 assembly U-0.38	Net Area (SF 10,000 Perimeter Length (SF) 480 Rough Opening (SF) 1,153



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office 206 775-8668

PROJECT **Wenatchee Public Library Phase II** Modernization LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR **North Central Washington Libraries**

ARCHITECT STAMP



BUILDING CODE AND ENERGY CODE SUMMARY

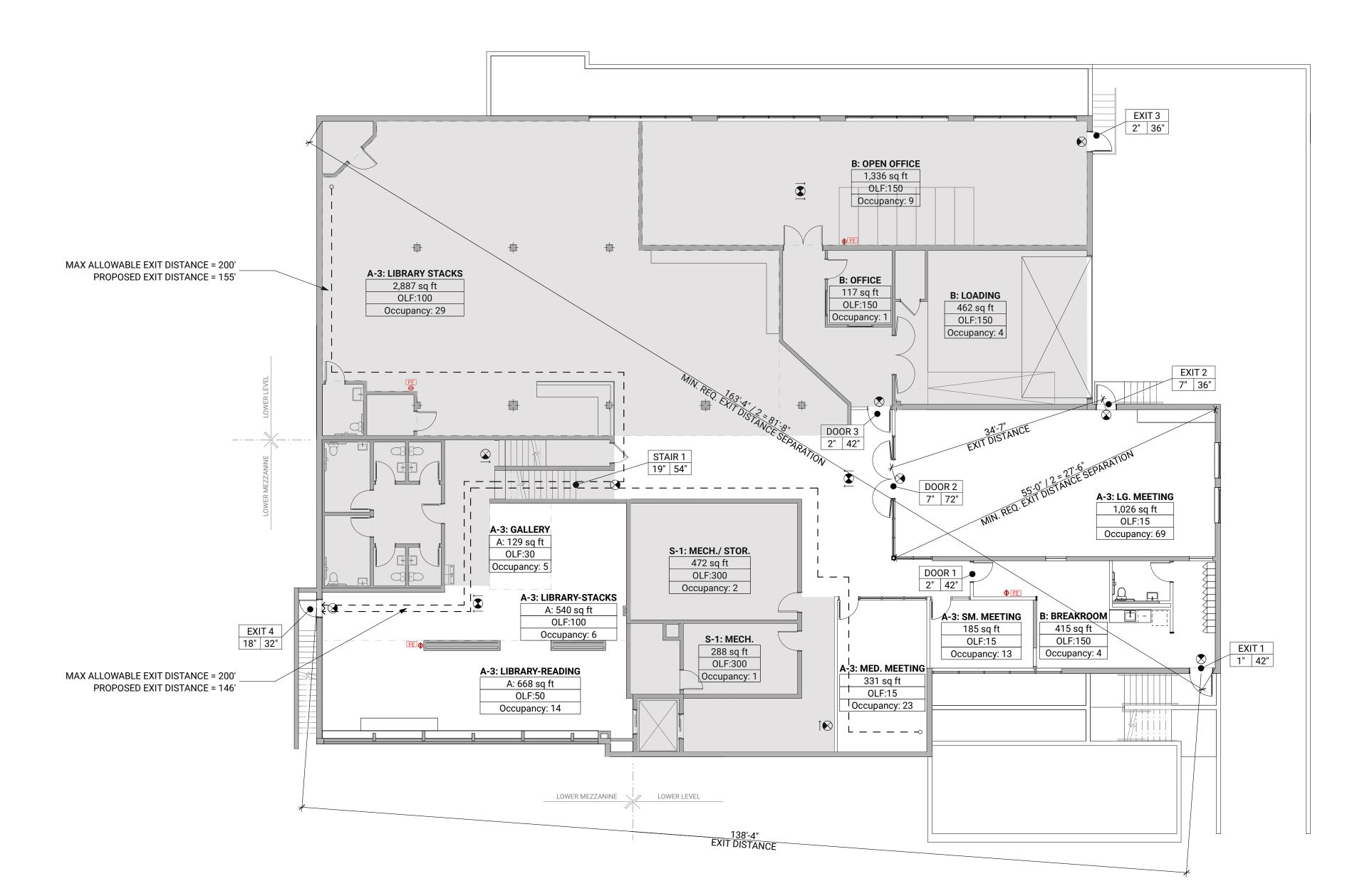
08/28/2023

Bid Set

EGRESS SCHEDULE

	WIDTH (INCHES)	EGRESS CAPACITY FACTOR	EGRESS PROVIDED	EGRESS REQUIRED
EXIT 1	42	0.2	210	2
DOOR 1	36	0.2	180	2
EXIT 2	36	0.2	180	35
DOOR 2	72	0.2	360	34
EXIT 3	36	0.2	180	7
DOOR 3	42	0.2	210	7
STAIR 1	54	0.3	180	111
EXIT 4	32	0.2	160	136

NOTES:



	WIDTH (INCHES)	EGRESS CAPACITY FACTOR	EGRESS PROVIDED	EGRESS REQUIRED
EXIT 1	42	0.2	210	2
DOOR 1	36	0.2	180	2
EXIT 2	36	0.2	180	35
DOOR 2	72	0.2	360	34
EXIT 3	36	0.2	180	7
DOOR3	42	0.2	210	7
STAIR1	54	0.3	180	111
EXIT 4	32	0.2	160	136

- 1. NO CHANGES TO EXITING OR OCCUPANCY ON MAIN LEVEL AND MEZZANINE
- 2. NO EXIT CONVERGENCE ISSUES

OCCUPANT LOAD TABULATION

(STAFF) ROOMS	# OCC.	EXIT 3	DOOR 3
OFFICE	1	0	1
OPEN OFFICE	9	5	4
LOADING	4	2	2
TOTAL	14	7	7

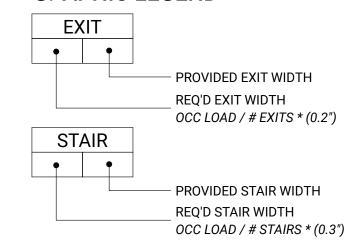
ROOM	# OCC.	EXIT 2	DOOR 2
LG. MEETING	69	35	34

ROOM	# OCC.	EXIT 1	DOOR 1
BREAKROOM	4	2	2

ROOMS	# OCC.	EXIT 1	STAIR 1
BREAKROOM (DOOR 1)	4	2	2
STAFF ROOMS (DOOR 3)	7	0	7
LG. MEETING (DOOR 2)	34	0	34
SM. MEETING	13	0	13
MED. MEETING	23	0	23
MECH./STOR.	2	0	2
МЕСН.	1	0	1
LIBRARY STACKS	29	0	29
TOTAL	113	2	111

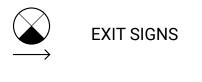
		ROOMS	# OCC.	EXIT 4
LOWER MEZZANINE	LOWER LEVEL (STAIR 1)	111	111	
		GALLERY	5	5
		LIBRARY-READING	14	14
		LIBRARY-STACKS	6	6
		TOTAL	136	136
			•	

G. APHIC LEGEND

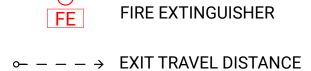


OCCUPANCY AREA OCCUPANT LOAD FACTOR OCCUPANT LOAD









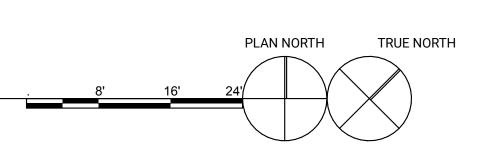


NO CHANGE TO EGRESS



LOWER LEVEL AND LOWER MEZZANINE

SCALE: 3/32" = 1'-0"



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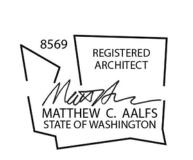
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PROJECT **Wenatchee Public**

Library Phase II Modernization LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR **North Central Washington Libraries**



ARCHITECT STAMP

FIRE. LIFE SAFETY PLANS

08/28/2023

Bid Set

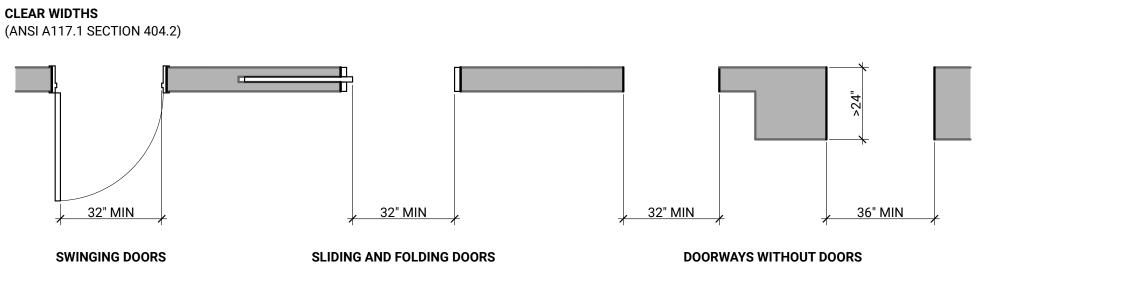
G220

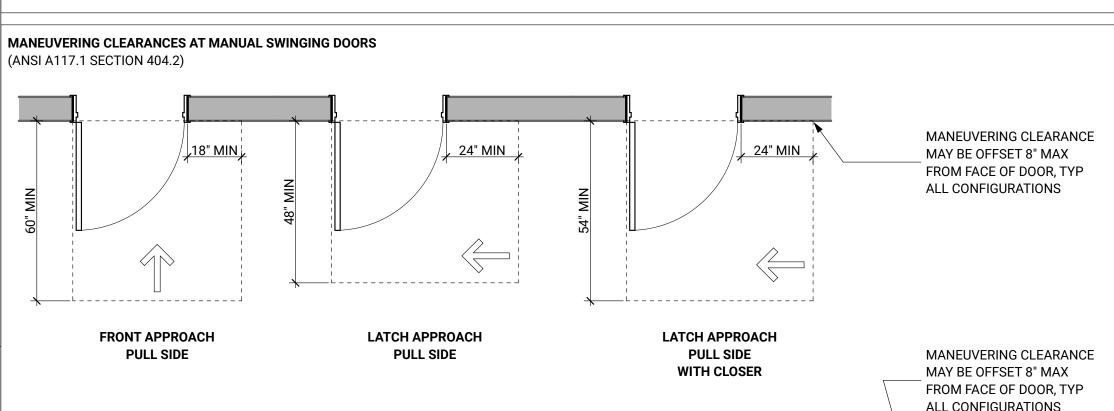
GENERAL NOTES:

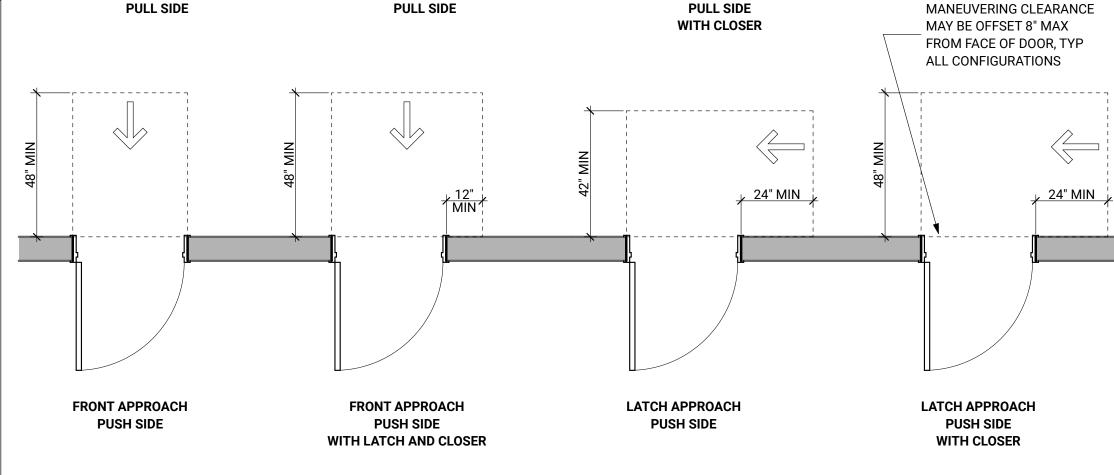
- 1. THESE DRAWINGS INDICATE REQUIRED MANEUVERING CLEARANCES AT DOORS AND OPENINGS IN THIS PROJECT. DIMENSIONS ARE SPECIFIED BY THE REFERENCED CODES AND STANDARDS (FHA, ADA, ANSI) USED, OR ARE WITHIN THE ACCEPTABLE REACH RANGES SPECIFIED BY THE CODES FOR THE INDICATED USE. OBTAIN ARCHITECT'S PRIOR WRITTEN APPROVAL FOR ANY DEPARTURES FROM THE DIMENSIONS
- 2. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVE OPERABLE PARTS SHALL BE 5# MAXIMUM. OPERABLE PARTS SHALL BE 34" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR.
- 3. NEW AND EGRESS DOORWAYS SHALL HAVE A CLEAR OPENING WIDTH OF 32" MINIMUM.
- 4. ALL DOORWAYS SHALL HAVE CLEAR AND LEVEL MANEUVERING SPACE FOR ACCESSIBILITY. MAXIMUM SLOPE OF 1:48 (1/4" PER FOOT) IS PERMITTED.
- 5. DOOR THRESHOLDS SHALL BE 1/2" HIGH MAXIMUM, BEVELED.
- 6. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION (90°), THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12° FROM THE LATCH IS 5 SECONDS MINIMUM.
- 7. INTERIOR HINGED DOORS SHALL HAVE A MAXIMUM OPENING FORCE OF 5#.
- 8. DOOR SURFACES WITHIN 10" VERTICAL OF THE FINISHED FLOOR SHALL BE A SMOOTH SURFACE ON THE PUSH SIDE, EXTENDING THE FULL WIDTH OF THE DOOR. ANY JOINTS SHALL BE WITHIN 1/16" OF THE SAME PLANE.

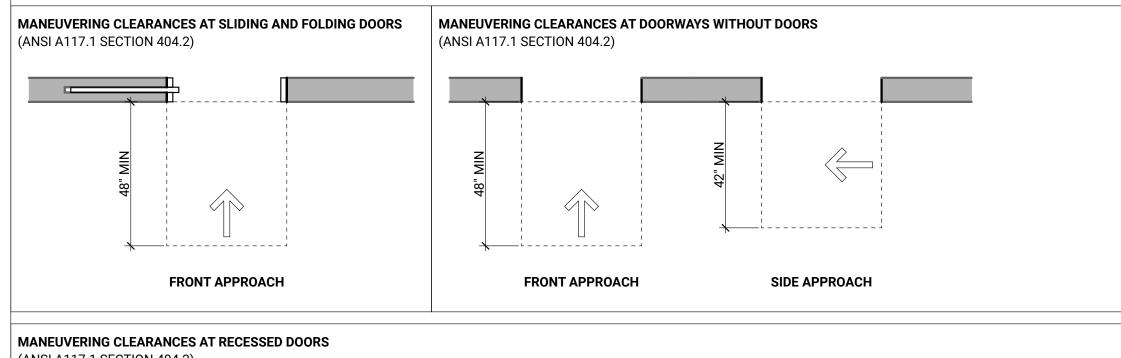
DOORS, DOORWAYS, AND GATES MANEUVERING CLEARANCES **REFERENCES:**

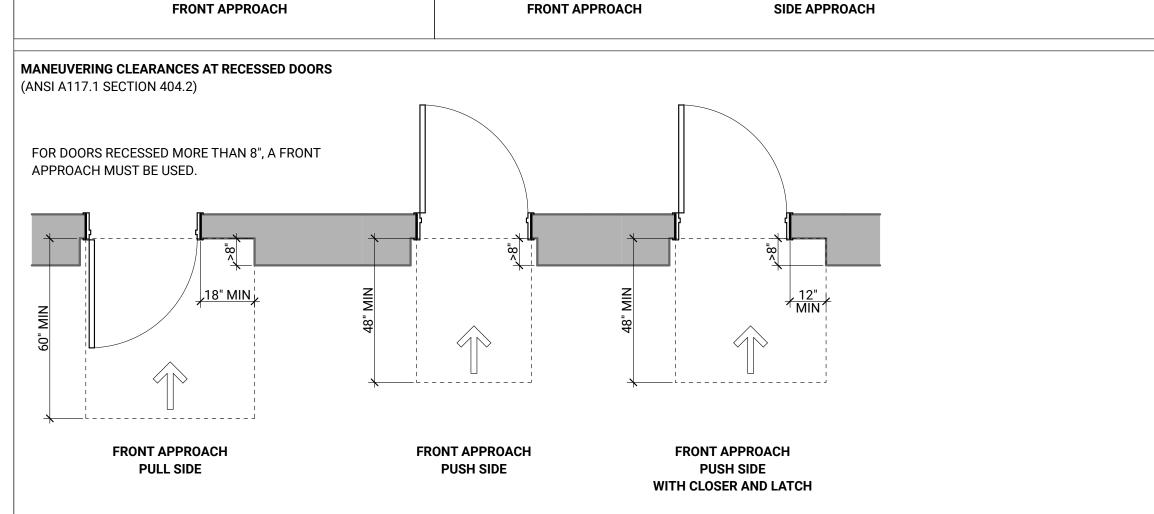
ANSI A117.1-2009 AND 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

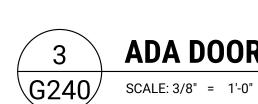




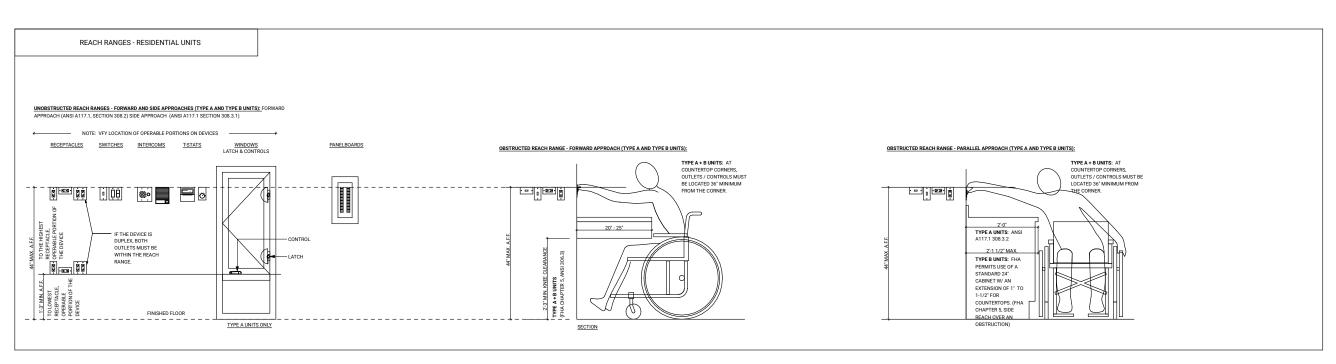








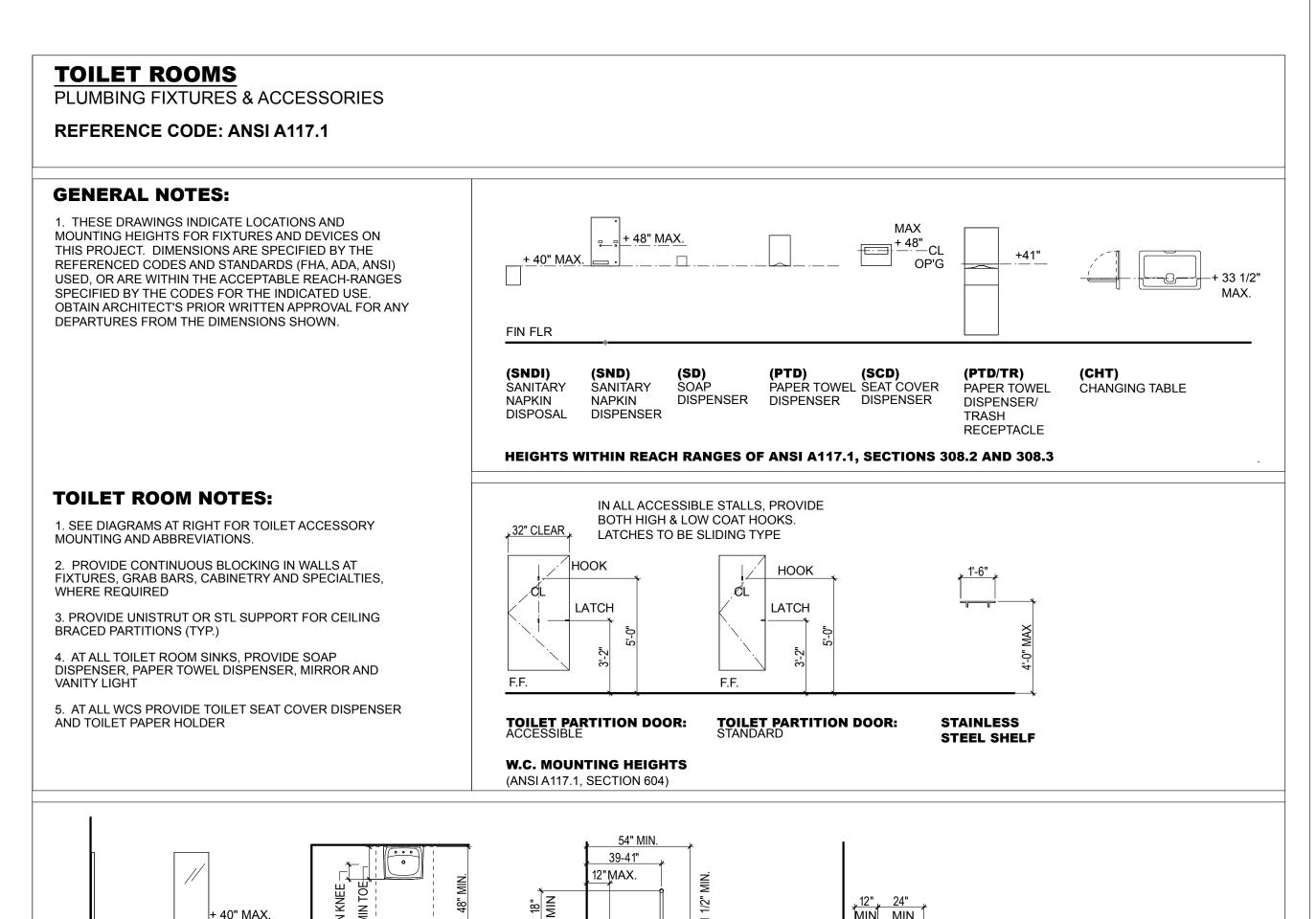
ADA DOOR MANEUVERING CLEARANCES





ADA REACH HEIGHTS

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



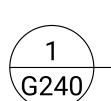
TOILET

PAPER

(ANSI A117.1, SECTION 604)

DISPENSER

W.C. MOUNTING HEIGHTS (GRAB BAR @ ACCESSIBLE STALLS, DISPENSERS)



17" MIN.

LAVATORY

LAVATORY & MIRROR

(ANSI A117.1, SECTION 606)

ADA MOUNTING HEIGHTS AND CLEARANCES

30" MIN.

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

PLAN DIAGRAM

B.O. GLASS

— ADA SAFETY WRAP

DILLING

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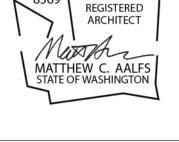
PROJECT **Wenatchee Public**

Library Phase II Modernization LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR

North Central Washington Libraries

ARCHITECT STAMP



ACCESSIBILITY DETAILS

08/28/2023

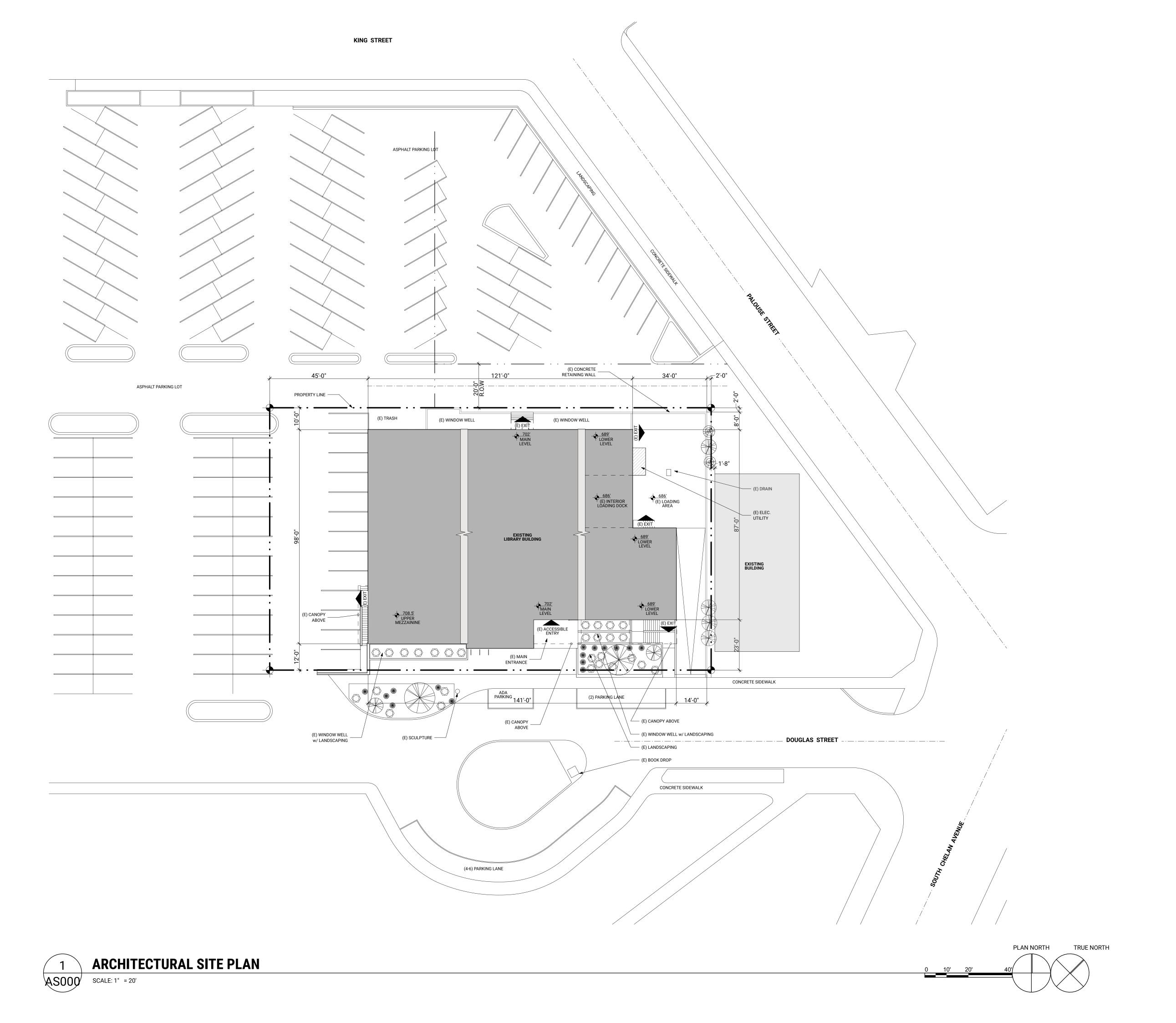
FLUSH MECHANISM

AWAY FROM WALL; 36" MAX AFF

16-18" DIM. TO FIN. FACE

Bid Set

G240



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PROJECT

Wenatchee Public
Library Phase II
Modernization

LOCATION
310 Douglas Street
Wenatchee, WA 98801

PREPARED FOR

North Central

Washington Libraries

REVISION DATE NAME

ARCHITECT STA

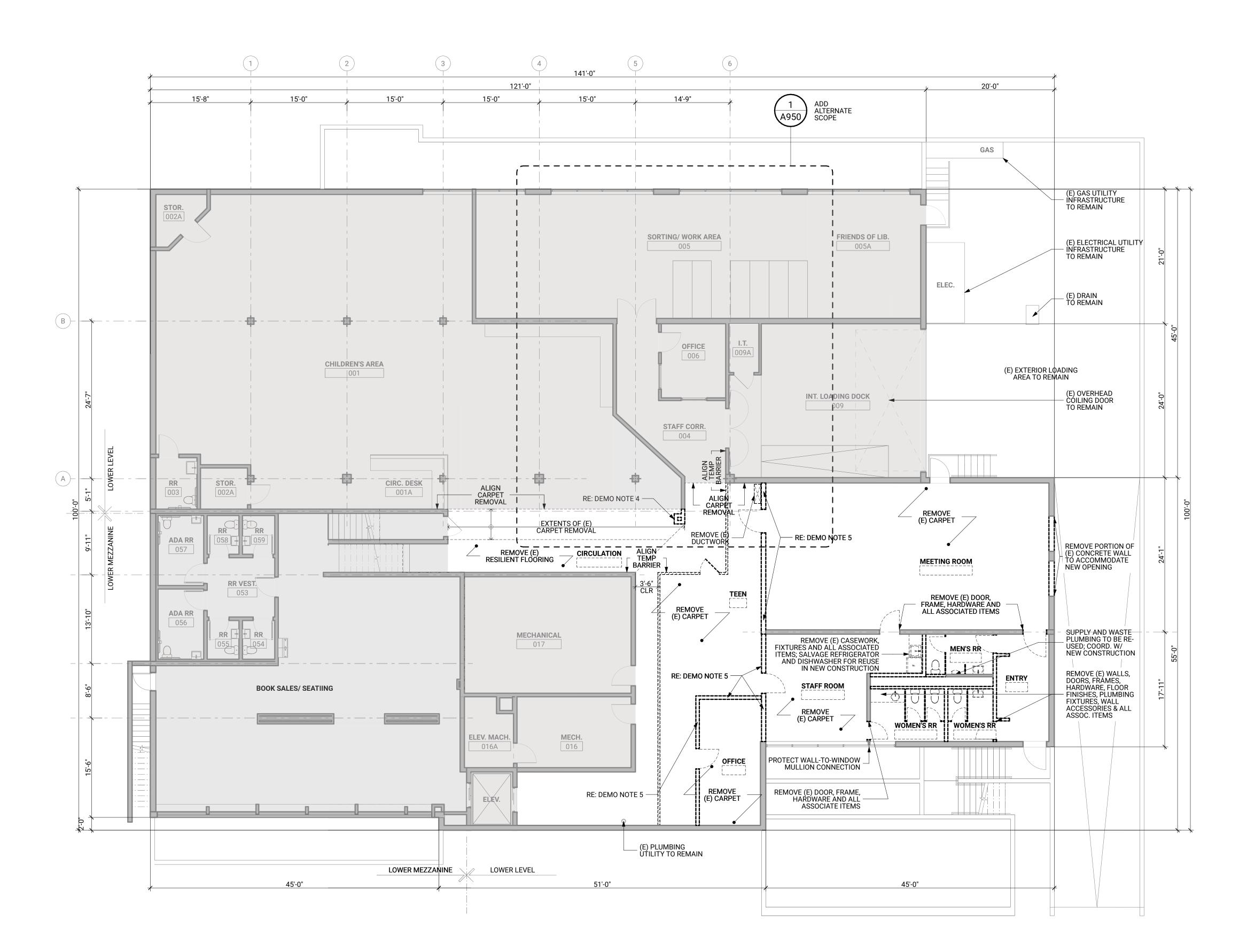


ARCHITECTURAL SITE PLAN

08/28/2023

Bid Set

AS000



TYPICAL ASSEMBLY NOTATION:

- 1. SCHEDULE WALK PRIOR TO DEMO W/OWNER AND ARCHITECT TO IDENTIFY ANY ITEMS DESIRED FOR
- 5. WHERE INDICATED, REMOVE NON-STRUCTURAL WALLS INCLUDING ANY DOOR, DOOR FRAME, HARDWARE AND ASSOCIATED ATIMES WITHIN THAT WALL UNO

DEMO GRAPHIC LEGEND

NOT IN SCOPE

EXISTING TO REMAIN

_ _ _ DEMO

, , TEMPORARY - CONSTRUCTION BARRIER

DEMO PLAN NOTES

- SALVAGE.
- 2. SEE SHEET G001 FOR GENERAL NOTES
- 3. ALL EXISTING UTILITY CONNECTIONS TO BE REVIEWED W/DESIGN TEAM FOR POTENTIAL REUSE. CAP AND PROTECT.
- 4. REMOVE ALL NON-STRUCTURAL WALLS, SURFACES, AND FINISHES

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PROJECT

Wenatchee Public Library Phase II Modernization

LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR

North Central Washington Libraries

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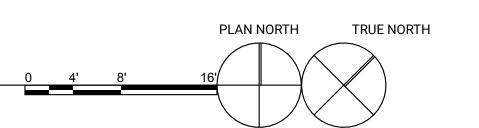
DEMOLITION PLAN -LOWER LEVEL AND LOWER MEZZANINE

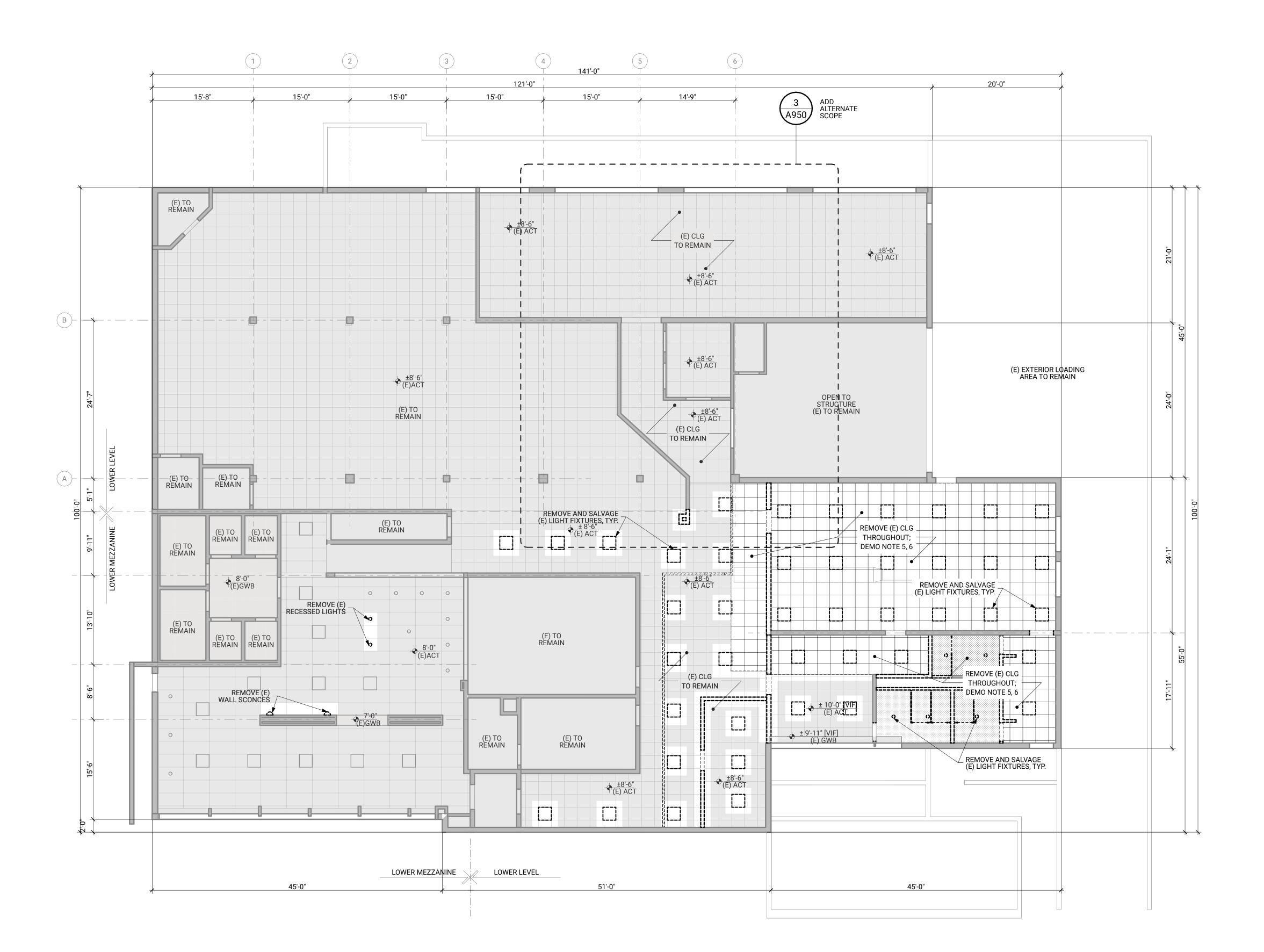
08/28/2023

Bid Set

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LOWER LEVEL AND LOWER MEZZANINE DEMOLITION PLAN - BASE BID \AD101*/* SCALE: 1/8" = 1'-0"





DEMO GRAPHIC LEGEND

TYPICAL ASSEMBLY NOTATION:

NOT IN SCOPE

EXISTING TO REMAIN

_ _ _ DEMO

ZZZ TEMPORARY CONSTRUCTION BARRIER

DEMO RCP NOTES

- 1. SCHEDULE WALK PRIOR TO DEMO W/ OWNER AND ARCHITECT TO IDENTIFY ANY ITEMS DESIRED FOR SALVAGE.
- 2. SEE SHEET G001 FOR GENERAL NOTES
- 3. ALL EXISTING UTILITY CONNECTIONS TO BE REVIEWED W/ DESIGN TEAM FOR POTENTIAL REUSE. CAP AND PROTECT.
- 4. CONTRACTOR TO DETERMINE IF REMOVAL AND REINSTALLATION OF EXISTING GRID WILL BE REQUIRED TO COMPLETE NEW WORK. CHANGE ORDERS FOR REMOVAL AND REINSTALLATION DURING CONSTRUCTION WILL NOT BE APPROVED.
- 5. SALVAGE ALL (E) CEILING TILES FOR REUSE/ BACKSTOCK
- 6. SALVAGE ALL EXISTING LIGHTING FIXTURES WITHIN AREA OF SCOPE FOR REUSE. COORDINATE STORAGE DURING CONSTRUCTION w/ OWNER
- 7. COORDINATE ALL AREAS IDENTIFIED (E) CLG TO REMAIN WITH NEW WORK

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PROJECT

Wenatchee Public Library Phase II Modernization

LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR

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DEMOLITION RCP - LOWER LEVEL AND LOWER MEZZANINE

08/28/2023

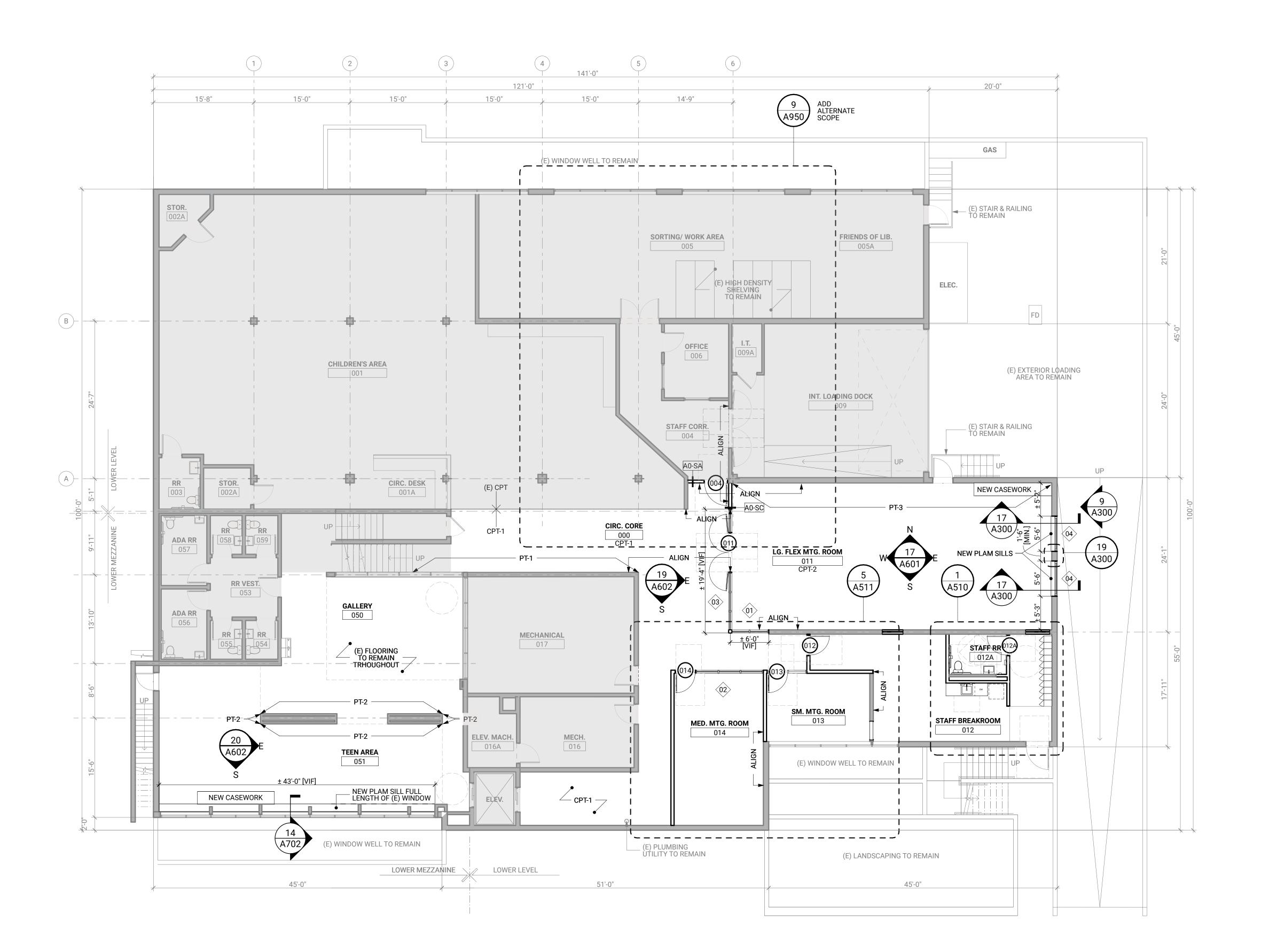
Bid Set

AD201

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LOWER LEVEL AND LOWER MEZZANINE DEMOLITION REFLECTED CEILING PLAN AD201/

PLAN NORTH TRUE NORTH SCALE: 1/8" = 1'-0"



TYPICAL ASSEMBLY NOTATION:

■ NOT IN SCOPE

- 1. SEE SHEET G001 FOR
- 2. DIMS ARE TO FACE OF OF STUD (FOS) UNLESS NOTED OTHERWISE
- 4. VERIFY ALL EXISTING **CONDITIONS AND** WITH ARCHITECT.

FLOOR PLAN GRAPHIC LEGEND

EXISTING TO REMAIN

■ NEW CONSTRUCTION

PLAN NOTES

GENERAL NOTES

- CONCRETE (FOC) OR FACE
- 3. ALL FLOOR LEVELS DENOTE TOP OF FLOOR FINISH, U.N.O.
- DIMENSIONS. COORDINATE ANY DIMENSION CHANGES

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PROJECT **Wenatchee Public Library Phase II** Modernization

LOCATION 310 Douglas Street Wenatchee, WA 98801

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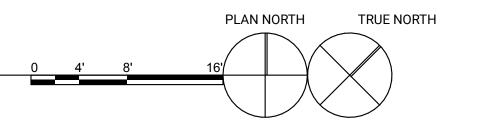


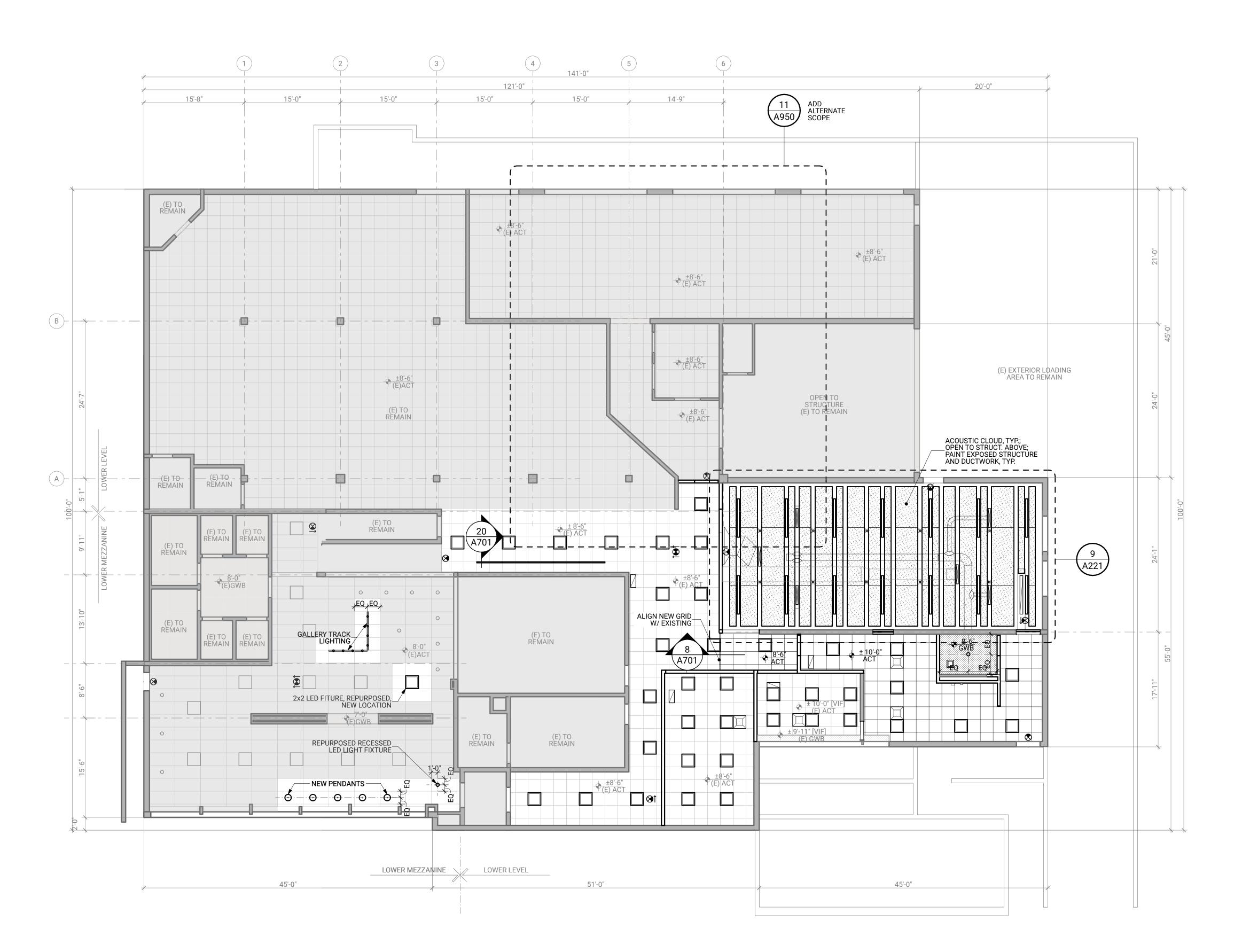
LOWER LEVEL AND LOWER MEZZANINE FLOOR PLAN

08/28/2023

Bid Set







REFLECTED CEILING PLAN **GRAPHIC LEGEND**

EXIT SIGNAGE

GWB CEILING

→ 4x LINEAR LED FIXTURE, NEW

GALLERY TRACK LIGHTING

RECESSED LED FIXTURE

DROP DOWN POWER

SUPPLY GRILLE

- 1. SEE SHEET G001 FOR GENERAL NOTES
- OR FACE OF STUD (FOS) UNLESS NOTED
- 3. VERIFY IN FIELD ALL EXISTING CONDITIONS AND DIMENSIONS. COORDINATE ANY DIMENSION CHANGES WITH ARCHITECT.

PLAN NORTH

TRUE NORTH

CEILING NOT IN SCOPE

ACT CEILING

2x2 LED FIXTURE, REPURPOSED

WASH LIGHTING

FEATURE PENDANT

SUPPLY SLOT DIFFUSER

RETURN GRILLE

RESTROOM EXHAUST

REFLECTED CEILING PLAN NOTES

2. DIMS ARE TO FACE OF CONCRETE (FOC)

OTHERWISE

LOWER LEVEL AND LOWER MEZZANINE RCP

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Wenatchee Public

310 Douglas Street

Wenatchee, WA 98801

Washington Libraries

Library Phase II

Modernization

seattle, washington 98119

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LOCATION

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North Central

08/28/2023

Bid Set

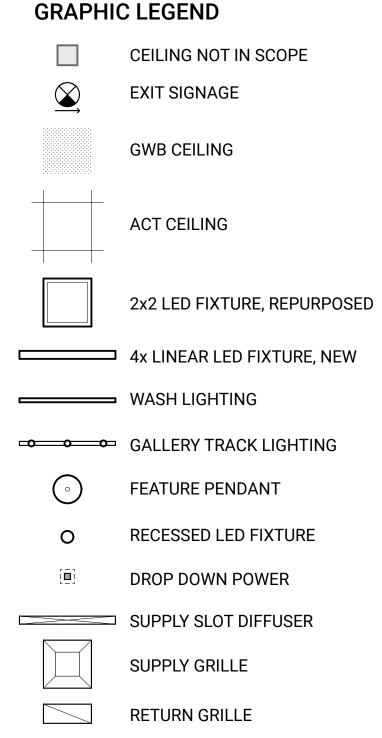
A201 © 2023 BUILDINGWORK, LLC

\A201/



Ceilings							
Mark	Туре	MFR	Collection	Name/ Color	Code	Notes	Location(s)
AF-1	Acoustic Felt Cloud	Polysorb		Lake Green	PS-41	1/2" Thickness + 1 1/2" Acoustic Backer	Lower Level: Large Flexible Meeting Room
AF-2	Acoustic Felt Cloud	Polysorb		Aqua	PS-53	1/2" Thickness + 1 1/2" Acoustic Backer	Lower Level: Large Flexible Meeting Room
AF-3	Acoustic Felt Cloud	Polysorb		Cello Blue	PS-46	1/2" Thickness + 1 1/2" Acoustic Backer	Lower Level: Large Flexible Meeting Room
AF-4	Acoustic Felt Baffles	Polysorb		Hunter Green	PS-1806	1/2" Thickness + 1 1/2" Acoustic Backer	Lower Level: Large Flexible Meeting Room

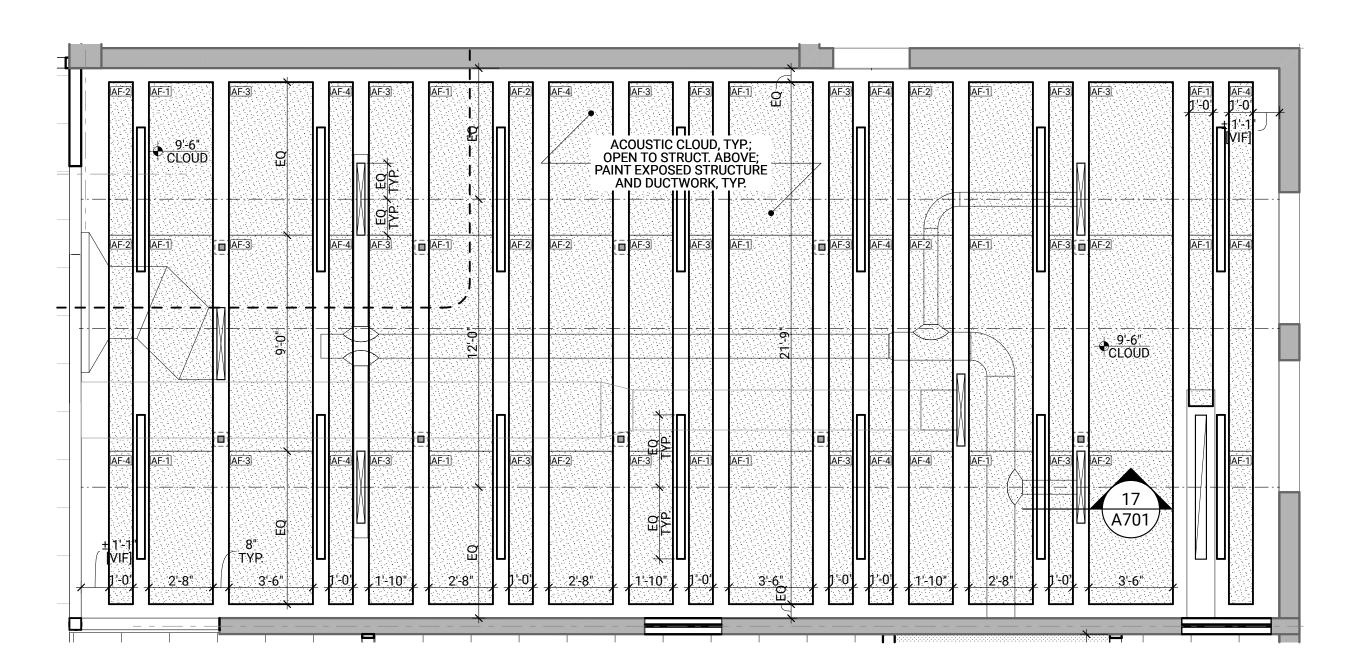
REFLECTED CEILING PLAN **GRAPHIC LEGEND**



REFLECTED CEILING PLAN NOTES

RESTROOM EXHAUST

- 1. SEE SHEET G001 FOR GENERAL NOTES
- 2. DIMS ARE TO FACE OF CONCRETE (FOC) OR FACE OF STUD (FOS) UNLESS NOTED OTHERWISE
- 3. VERIFY IN FIELD ALL EXISTING CONDITIONS AND DIMENSIONS. COORDINATE ANY DIMENSION CHANGES WITH ARCHITECT.
- 4. ACOUSTIC CLOUD SPACED @ 8" O.C. UNO
- 5. LIGHT FIXTURES AND MECH. GRILLES TO BE CENTERED ALIGNED AS SHOWN.





LARGE FLEXIBLE MEETING ROOM - ENLARGED REFLECTED CEILING PLAN

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Wenatchee Public Library Phase II Modernization

LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR

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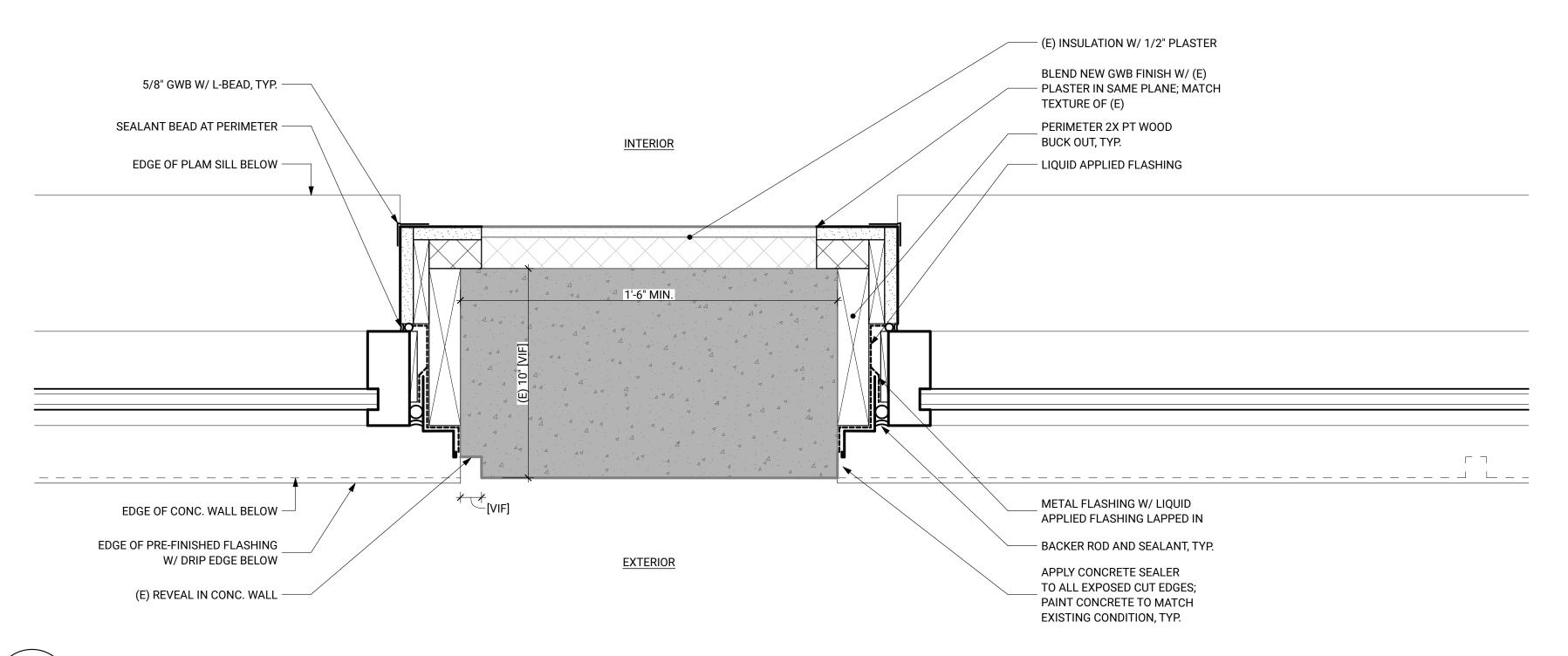


LOWER LEVEL AND LOWER ENLARGED REFLECTED CEILING PLAN

08/28/2023

Bid Set

A221

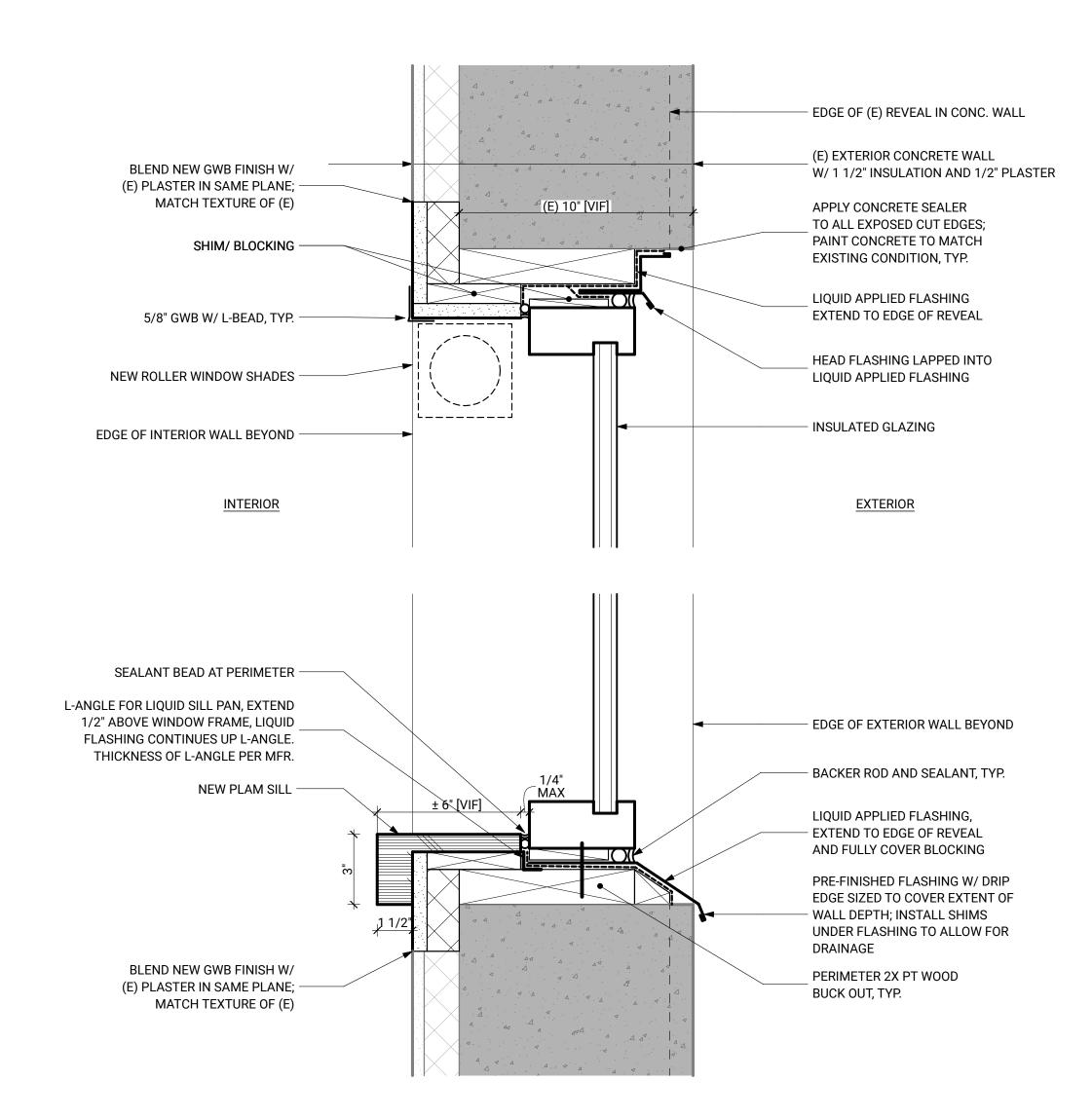


ELEVATIONS GRAPHIC LEGEND

EXISTING TO REMAIN

■ NEW CONSTRUCTION

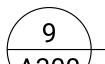
NEW WINDOW JAMB DETAIL SCALE: 3" = 1'-0"



MAIN FLOOR CEILING 27'-0" (716'-0") MEZZANINE 19'-6" (708'-6") (E) REVEAL IN FACE OF CONC. WALL, TYP. (E) EXTERIOR LIGHT FIXTURE TÓ REMAIN; PROTECT IN PLACE DURING CONSTRUCTION (E) EXTERIOR PAINT, TYP. MAIN FLOOR 13'-0" (702'-0") (N) EXTERIOR ALUM. STOREFRONT WINDOW LOWER MEZZANINE 8'-6" (697'-6") (E) MECHANICAL VENT TO REMAIN LOWER LEVEL 0'-0" (689'-0") LOADING DOCK -3'-0" (686'-0")

NEW WINDOW HEAD AND SILL

SCALE: 3" = 1'-0"



NORTHEAST EXTERIOR ELEVATION

A300 SCALE: 1/4" = 1'-0"

BUILDING 159 western avenue west, suite 486

PROJECT **Wenatchee Public** Library Phase II

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Modernization LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR

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ARCHITECT STAMP

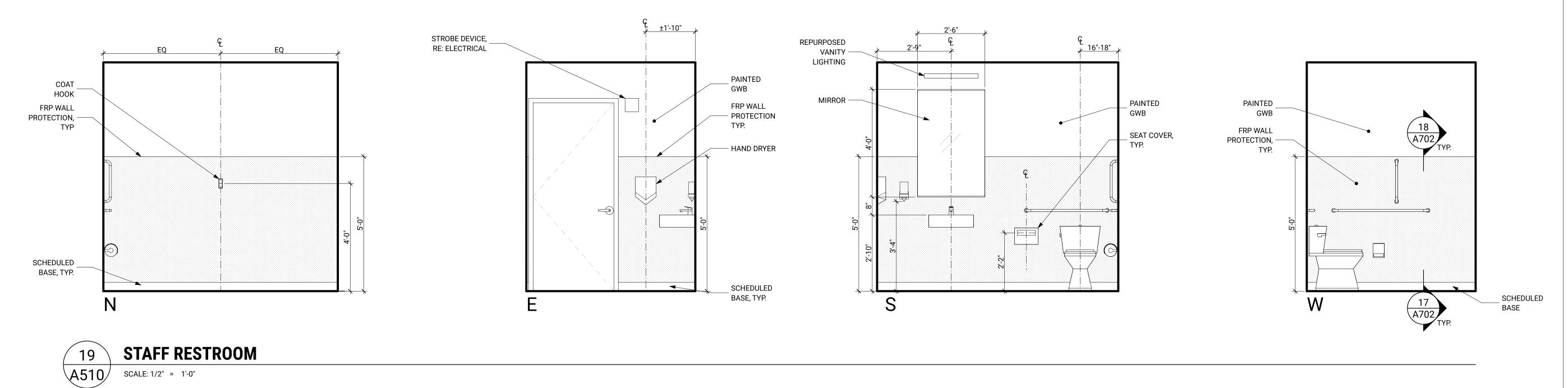


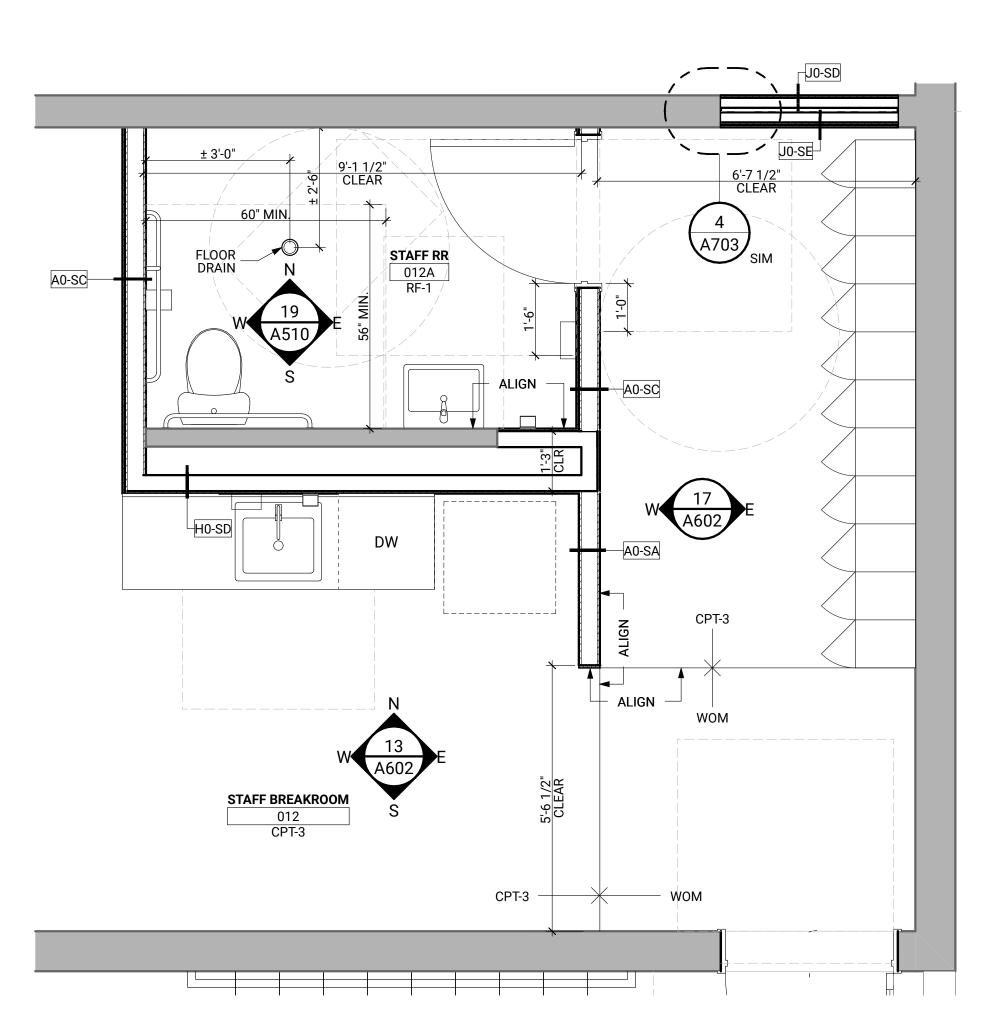
BUILDING ELEVATION AND EXTERIOR DETAILS

08/28/2023

Bid Set

A300







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Wenatchee Public
Library Phase II
Modernization
LOCATION
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Washington Libraries

REVISION DATE NAME

ARCHITECT STAMP

REGISTERED ARCHITECT

MATTHEW C. AALFS STATE OF WASHINGTON

ENLARGED PLAN AND INTERIOR ELEVATIONS

08/28/2023

Bid Set

A510





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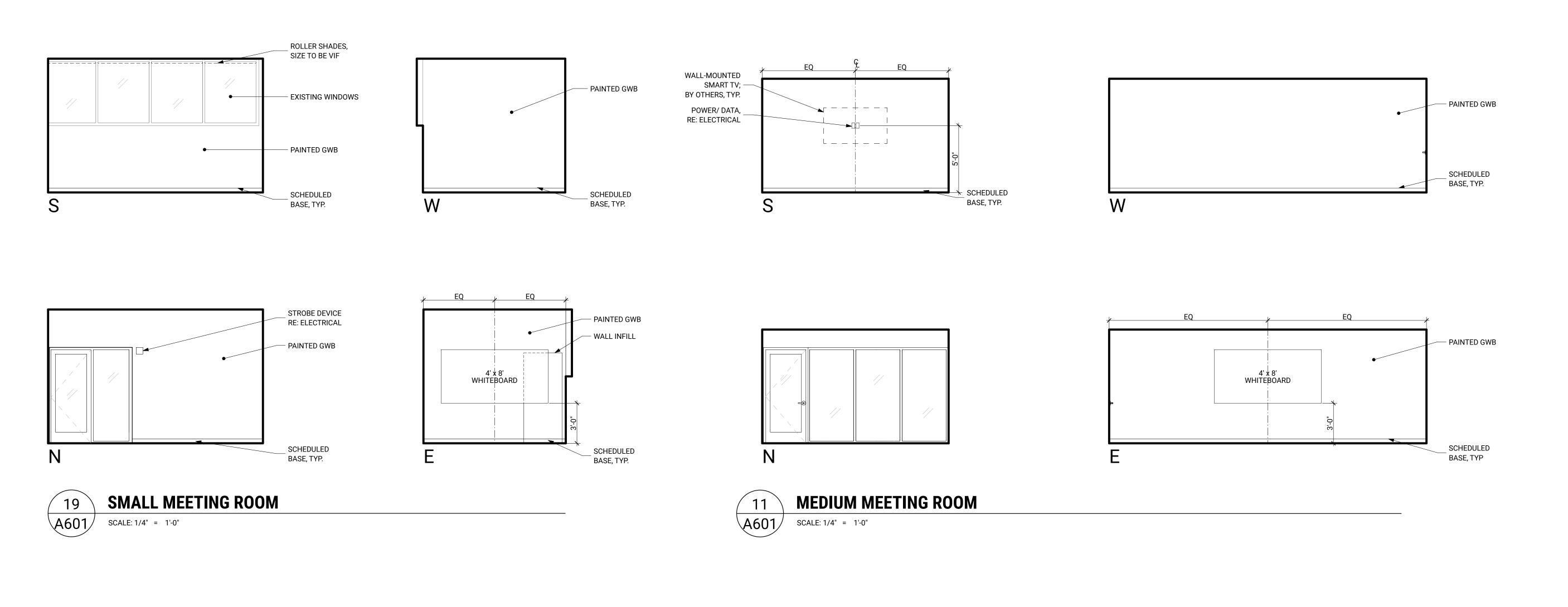


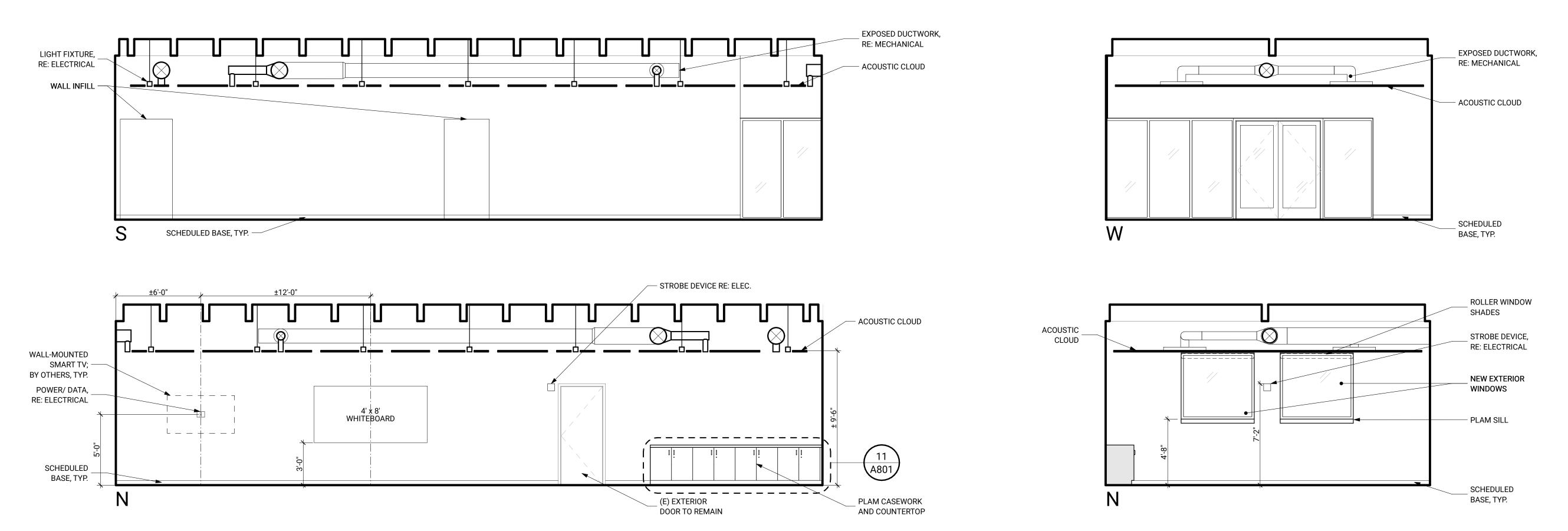
ENLARGED PLAN

08/28/2023

Bid Set

A511





LARGE FLEXIBLE MEETING ROOM

SCALE: 1/4" = 1'-0"



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architecture

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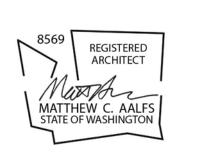
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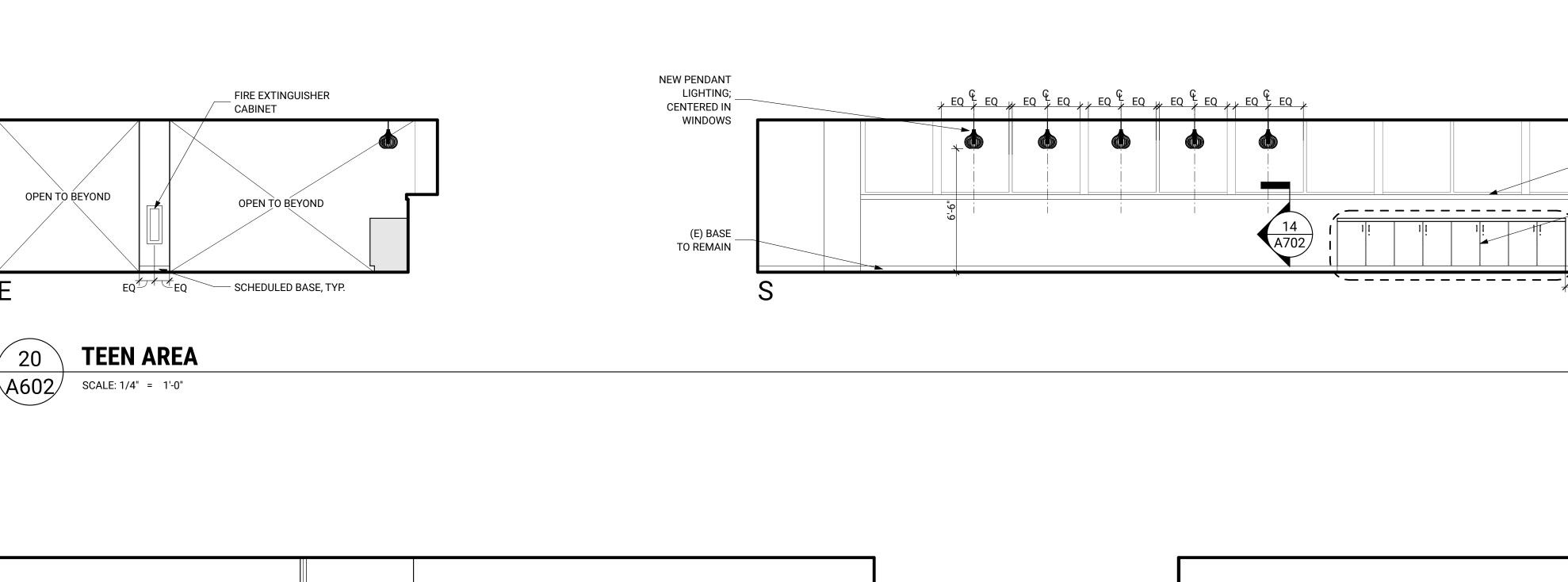
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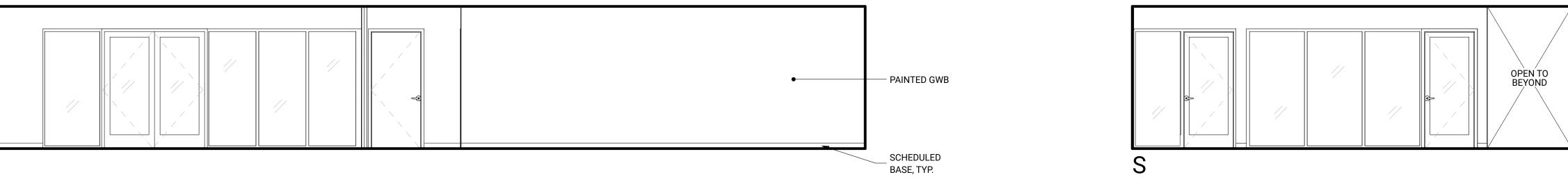


INTERIOR ELEVATIONS

08/28/2023

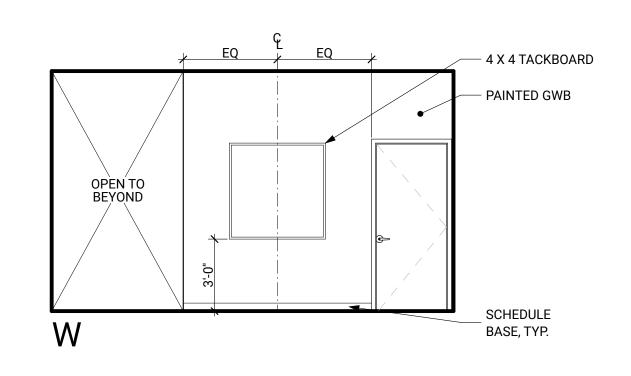
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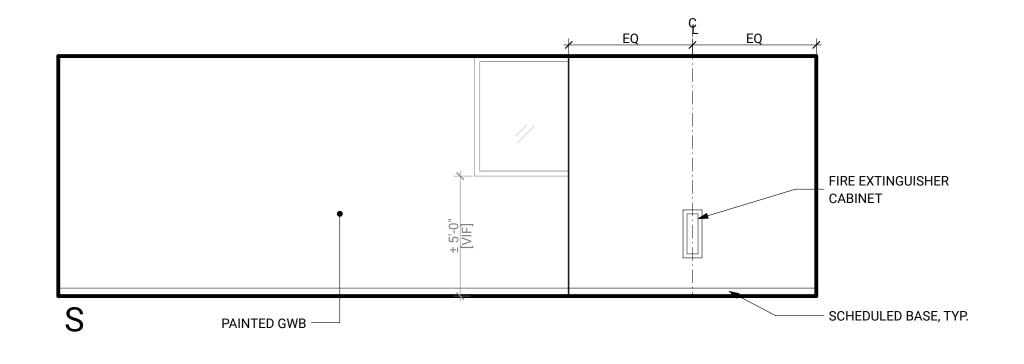


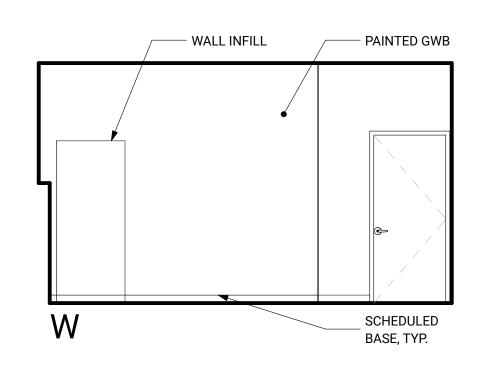


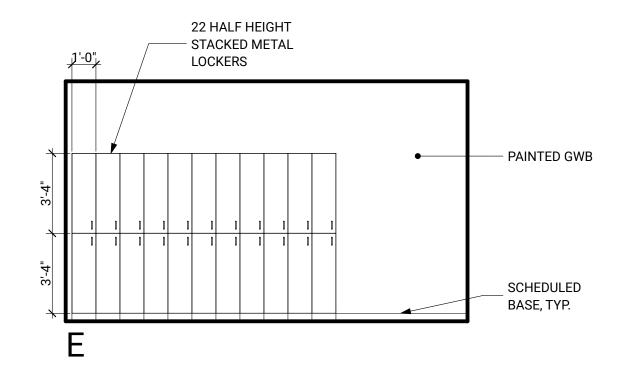
19 CIRCULATION CORRIDOR

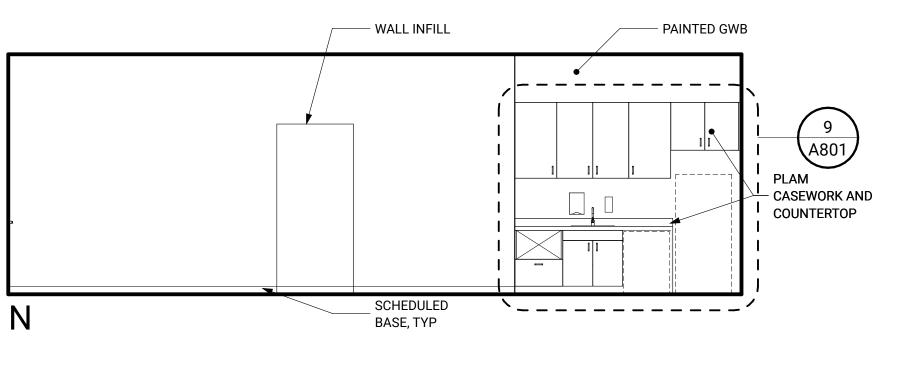
A602 | SCALE: 1/4" = 1'-0"

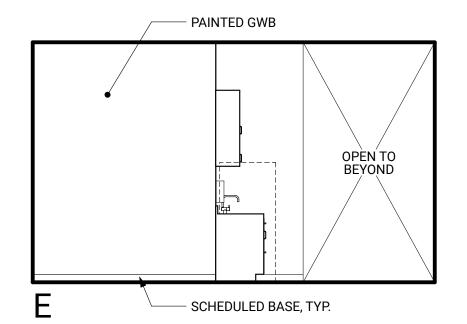
















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NEW PLAM SILL — FULL LENGTH OF (E) WINDOWS

PLAM CASEWORK

AND COUNTERTOP

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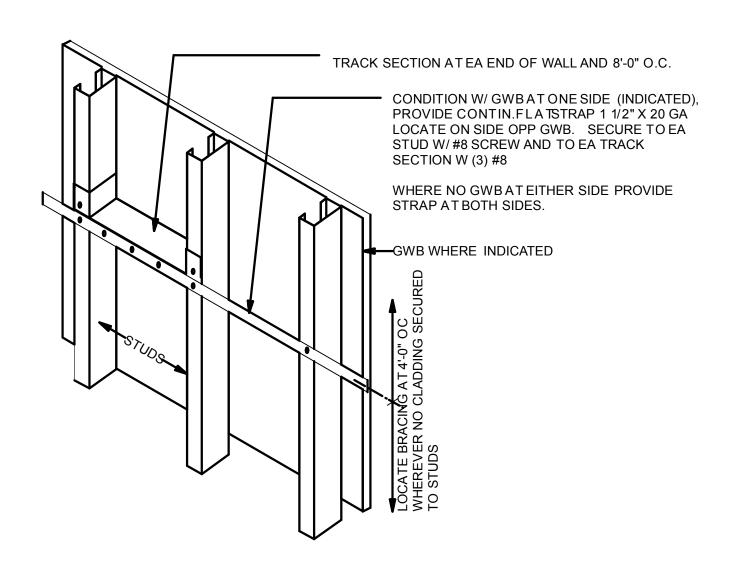


INTERIOR ELEVATIONS

08/28/2023

Bid Set

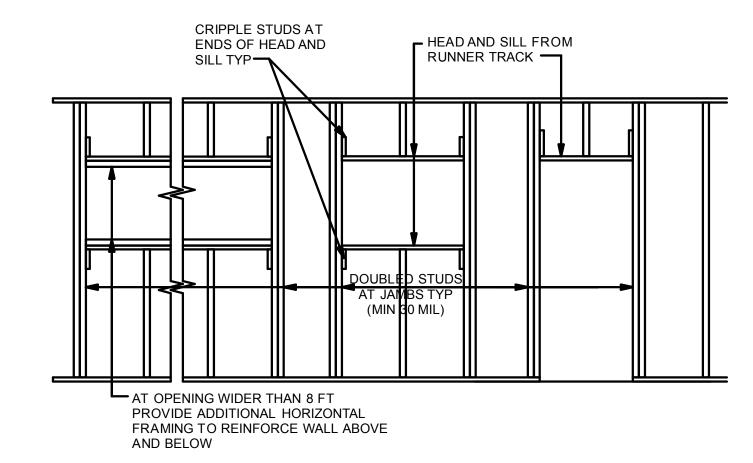
A602





STUD FLANGE BRACING

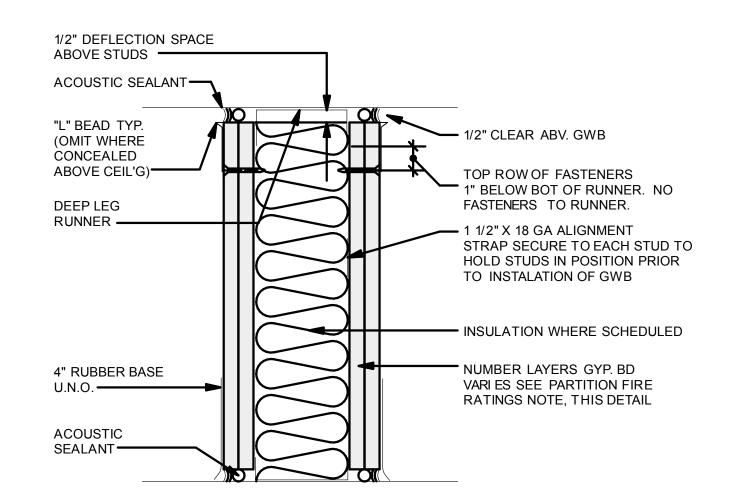
NOT TO SCALE

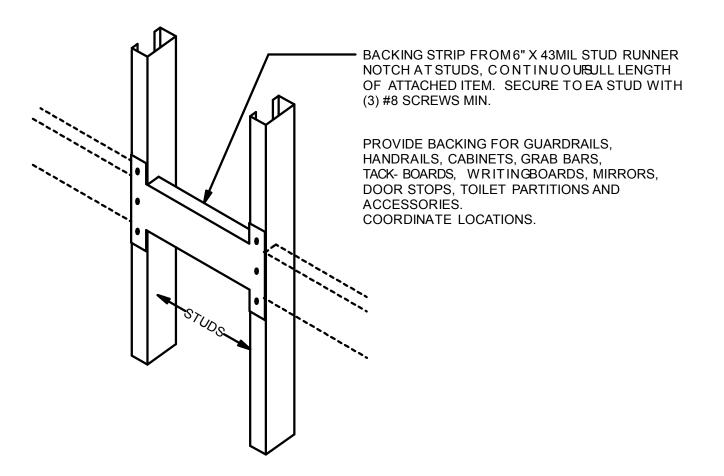




TYPICAL FRAMING @ OPENINGS

NOT TO SCALE

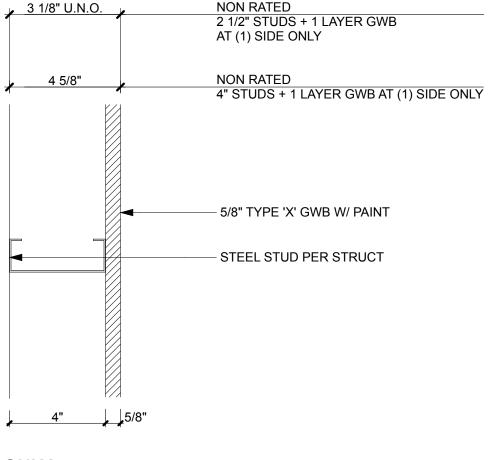






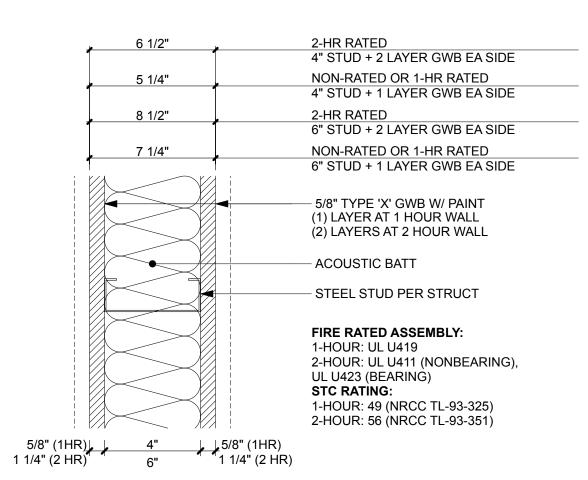
TYPICAL PARTITION CONSTRUCTION

A700 SCALE: 3" = 1'-0"



J 2 1/2" STUDS, GWB 1 SIDE ONLY

H 4" STUDS, GWB 1 SIDE ONLY



A = 1 LAYER GWB EACH SIDE OF STUD

D = 1 LAYER GWB, ONE SIDE OF STUD

E = 2 LAYERS GWB, ONE SIDE OF STUD

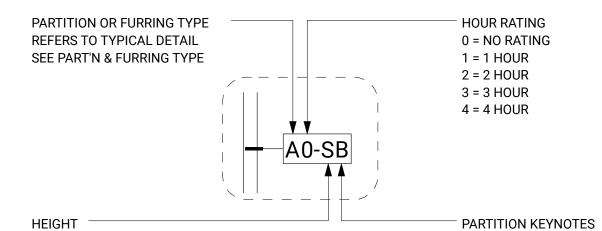
B = 2 LAYERS GWB EACH SIDE OF STUD

C = 1 LAYER GWB ONE SIDE, 2 LAYER GWB OTHER SIDE

B TYP. INTERIOR PARTITION - 6" STUDS

A TYP. INTERIOR PARTITION - 4" STUDS

ANNOTATIONS



S = TO STRUCT ABOVE

0 = HEIGHT AS INDICATED

1 = STUDS AND GWB 1 SIDE TO STRUCT

2 = STUDS TO STRUCT, GWB STOPS 6" ABV CEILING BOTH SIDES

3 = STUDS AND GWB TO 6" ABV CEILING

4 = STUDS AND GWB TO BOT OF CEILING

PARTITIONS ARE TO STRUCTURE ABOVE U.N.O. PARTITIONS HAVE NO FIRE RATING U.N.O.

INTERIOR PARTITION SCHEDULE SCALE: 3" = 1'-0"

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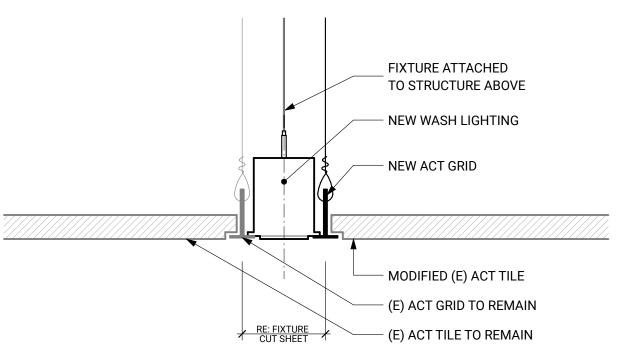


INTERIOR PARTITION DETAILS

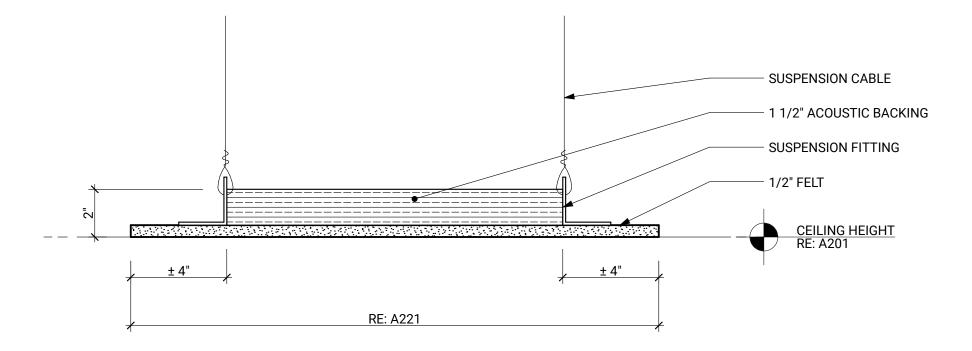
08/28/2023

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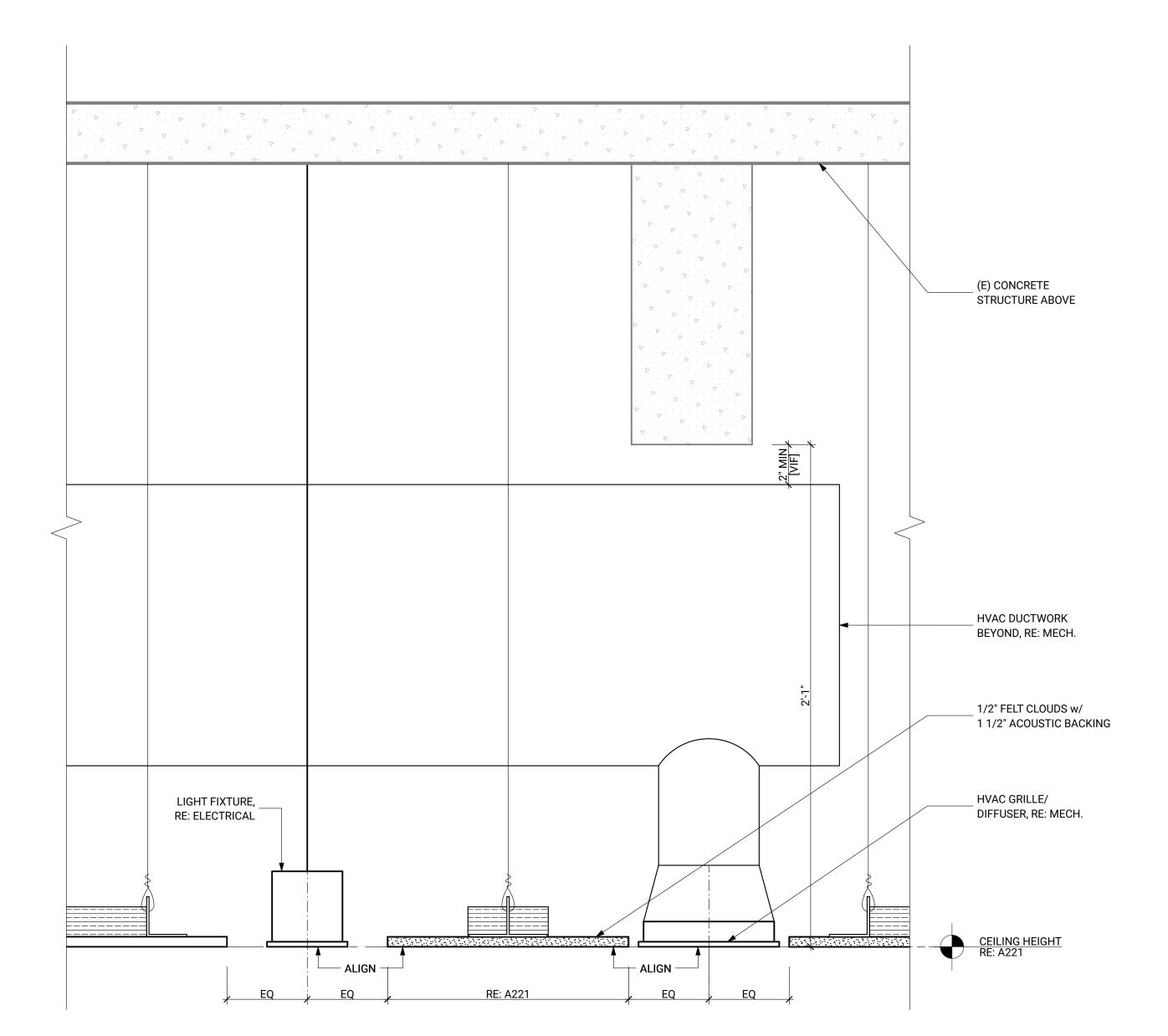
A700



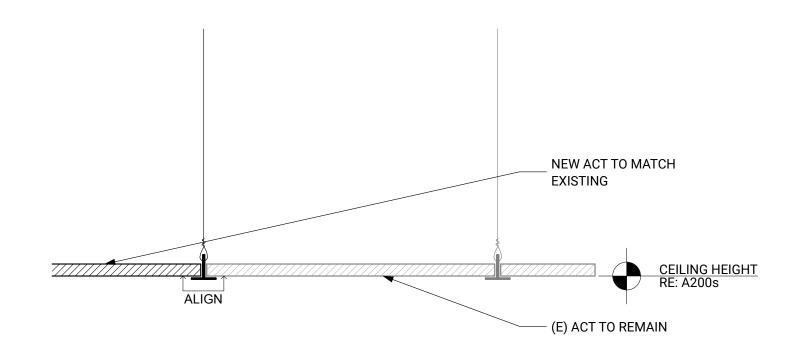




TYP. ACOUSTIC FELT CLOUD SECTION DETAIL

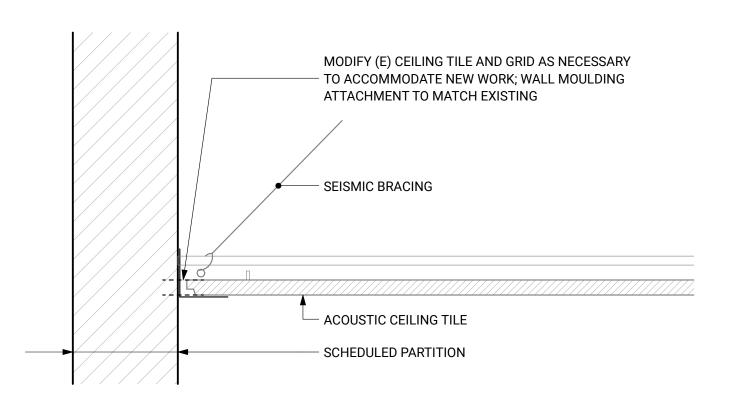


ACOUSTIC FELT CLOUD CEILING SECTION DETAIL SCALE: 3" = 1'-0"

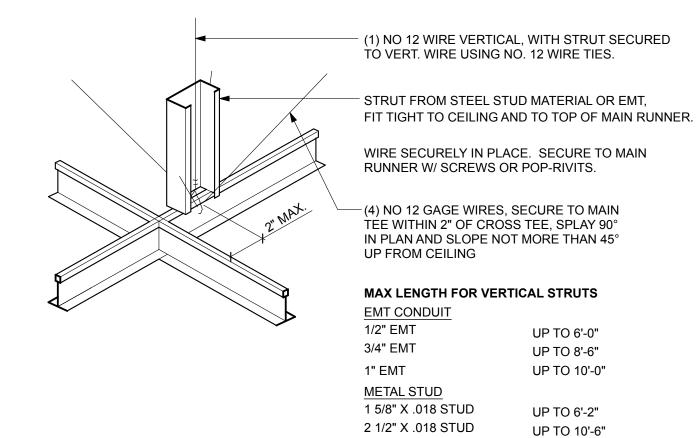


NEW AND EXISTING ACT

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



ACOUSTIC CEILING PERIMETER BRACING SCALE: 3" = 1'-0"



SUPPORT AND BRACE SUSPENDED CEILING GRID IN ACCORDANCE WITH IBC REQUIREMENTS FOR SEISMIC DESIGN CATEGORY D

FOR PLENUM HIGHER THAN 11'-0"

SUBMIT STRUCT ENGINEER'S CALCS

LATERAL BRACING REQUIRED AT ALL CEILINGS EXCEPT IF SMALLER THAN 1000 SF AND SURROUNDED BY 4 WALLS WHICH ARE BRACED TO STRUCTURE

BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN A MANNER WHICH WILL RESIST A DESIGN LOAD OF NOT LESS THAN 200 LBS. OR THE ACTUAL DESIGN LOAD, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.

SEISMIC BRACING WIRES SHALL BE ATTACHED TO CONCRETE USING 5/16" MIN. D.I.C.A. (SHOT-IN FASTENERS NOT PERMITTED FOR SEISMIC BRACING)

LATERAL BRACING MEMBERS SHALL BE SPACED A MINIMUM OF 6" FROM ALL PIPING AND

LOCATE RESTRAINT POINTS NOT MORE THAN 12 FT. OC. EACH WAY WITH THE FIRST POINT WITHIN 6 FT. OF EACH WALL.

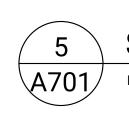
THE CEILING GRID SHALL BE ATTACHED TO THE WALL MOLDING AT TWO ADJACENT WALLS USING

HANGER AND PERIMETER WIRES SHALL BE PLUMB WITHIN 1 IN 6 EXCEPT WHERE COUNTER-SLOPING WIRES ARE PROVIDED

POP-RIVETS OR OTHER APPROVED METHOD. WALL MOLDING SHALL BE SECURED TO STUDS.

TERMINAL ENDS OF MAIN BEAMS AND CROSS TEES MUST BE SUPPORTED WITHIN 8" OF EACH WALL WITH A PERIMETER WIRE.

* CEILING DESIGN SHALL COMPLY WITH REQUIREMENTS OF IBC, ASTM C635, ASTM C636, ASCE 7-01, AND CISCA



SUSPENDED CEILING SEISMIC BRACING

NOT TO SCALE

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Wenatchee Public Library Phase II Modernization LOCATION 310 Douglas Street Wenatchee, WA 98801

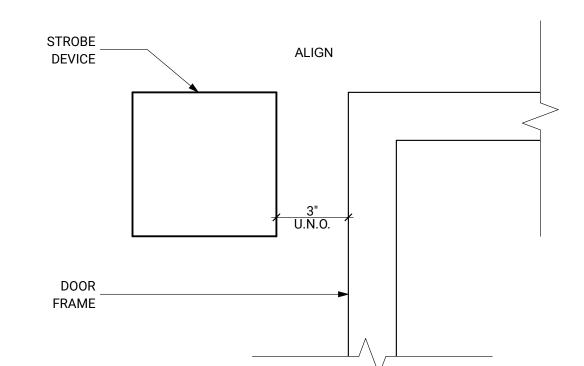
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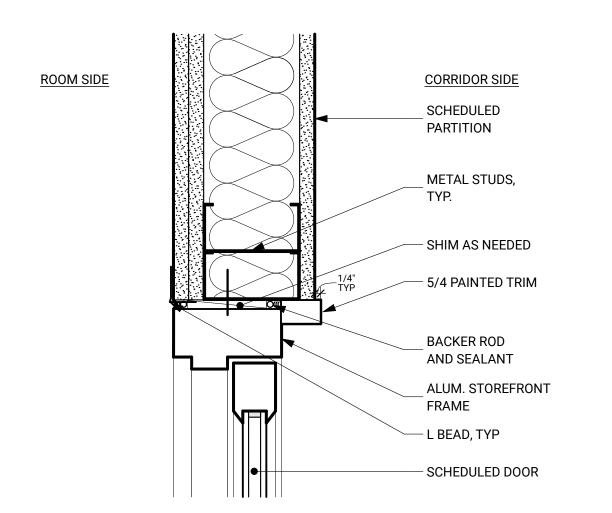
INTERIOR CEILING DETAILS

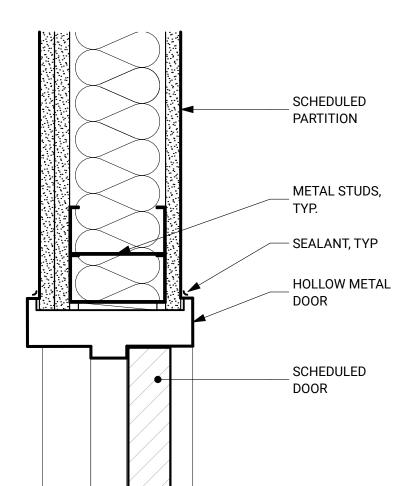
08/28/2023

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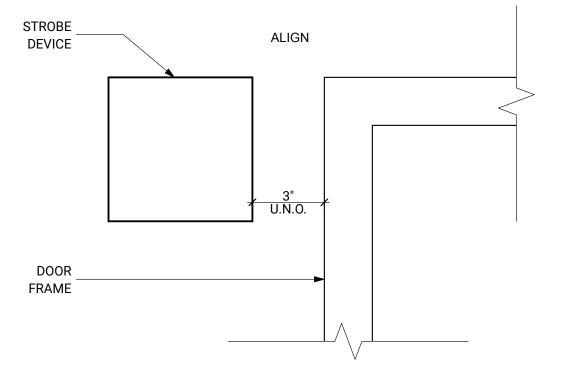




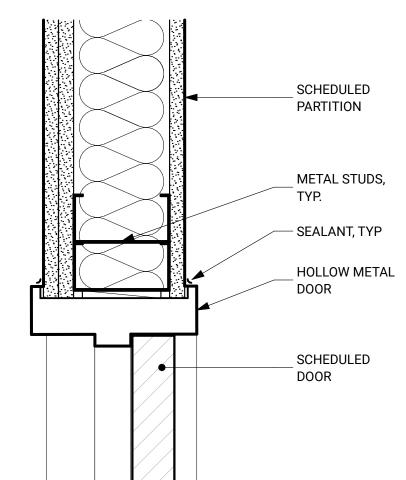




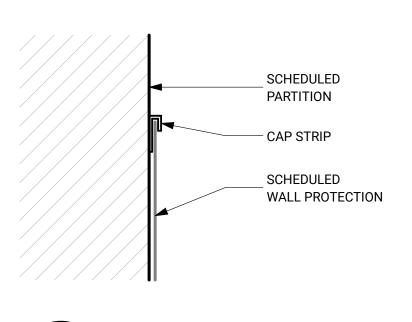




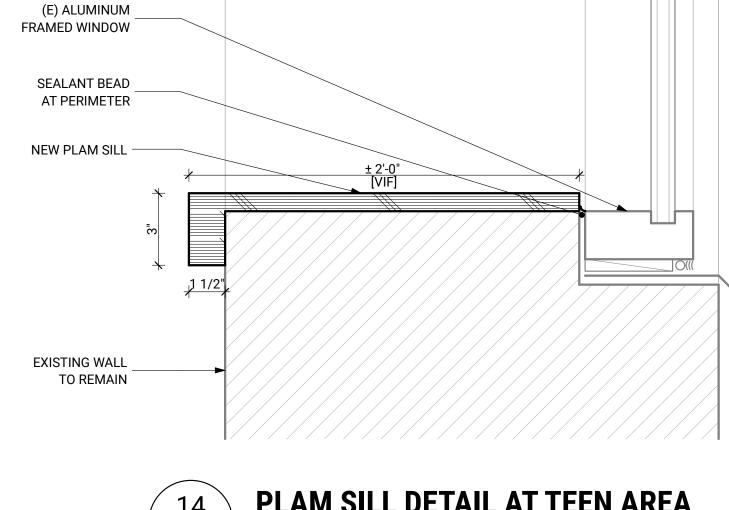




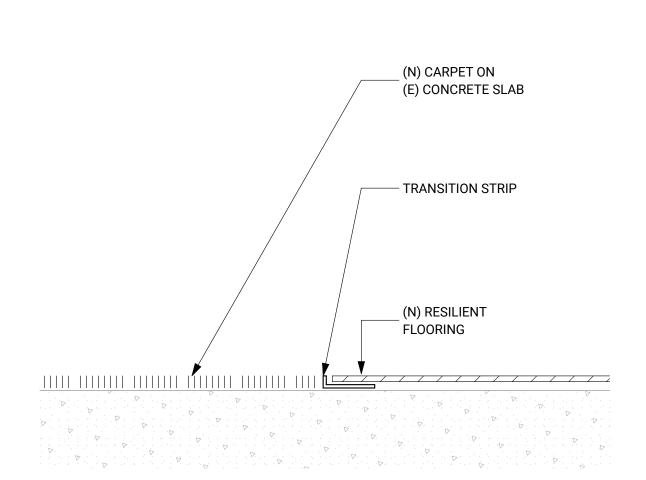








PLAM SILL DETAIL AT TEEN AREA SCALE: 3" = 1'-0"



FLOOR TRANSITION SCALE: 6" = 1'-0"



ALUM.

FRAME

STOREFRONT

ROOM SIDE

SCHEDULED _ PARTITION

L BEAD, TYP —

ALUM. STOREFRONT

FRAME

FULL HEIGHT ALUM. STOREFRONT SCALE: 3" = 1'-0"

CORRIDOR SIDE

5/4 PAINTED TRIM

BACKER ROD

AND SEALANT

SCHEDULED GLAZING

SCHEDULED

(E) CONC. SLAB

- SHIM AS NEEDED

- BACKER ROD AND SEALANT

- SHIM AS NEEDED

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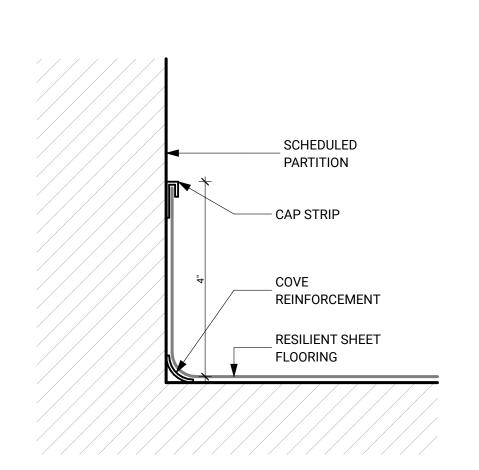
INTERIOR TYPICAL DETAILS

08/28/2023

Bid Set

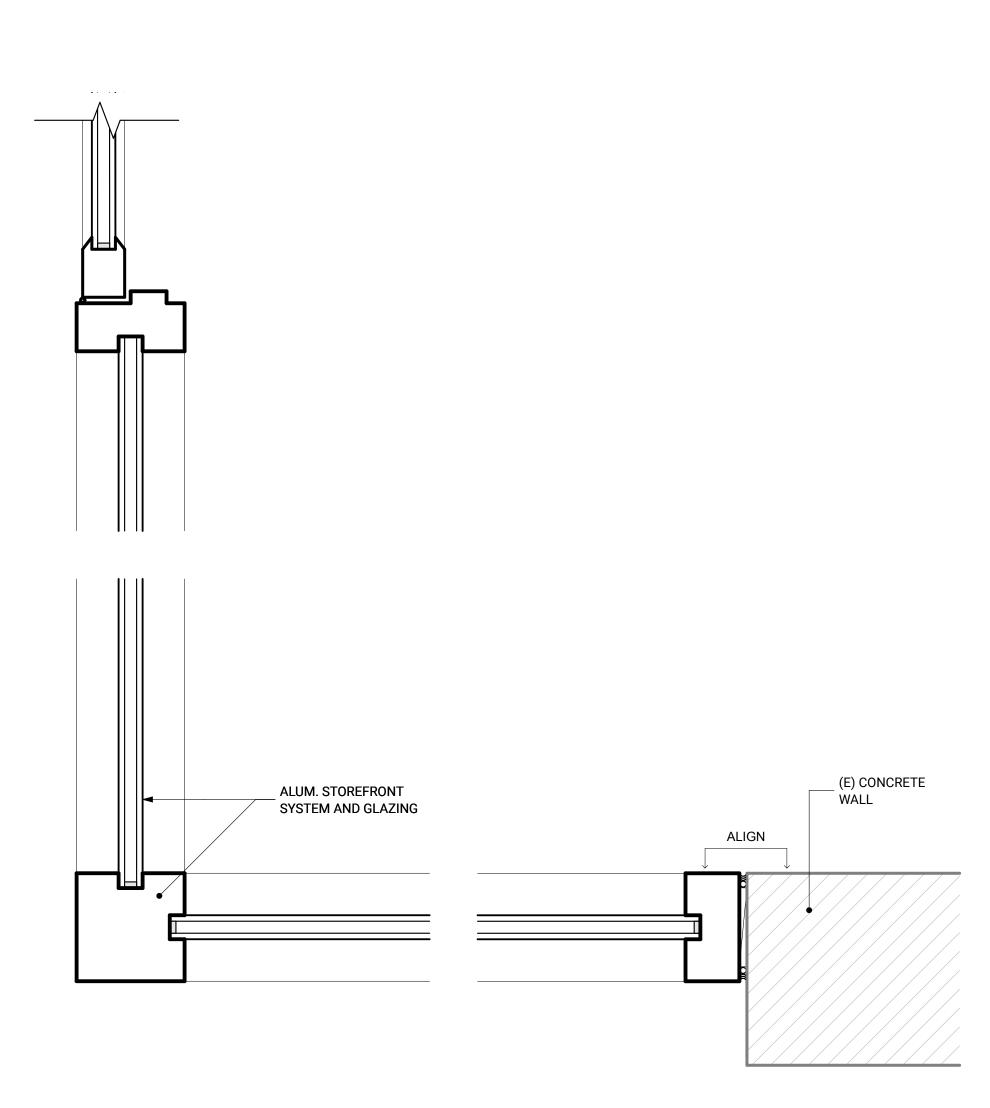
A702

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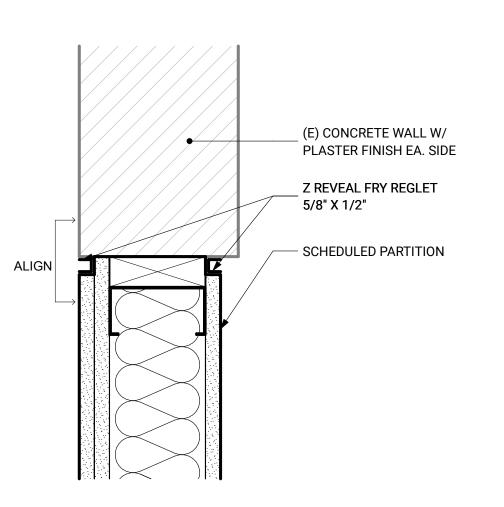
INTEGRAL COVE BASE

A702 SCALE: 6" = 1'-0"

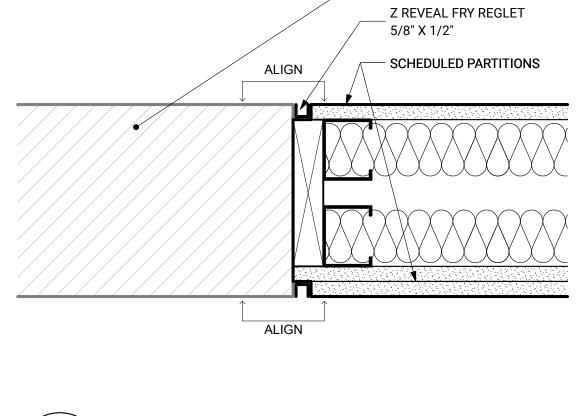


A703 SCALE: 3" = 1'-0"



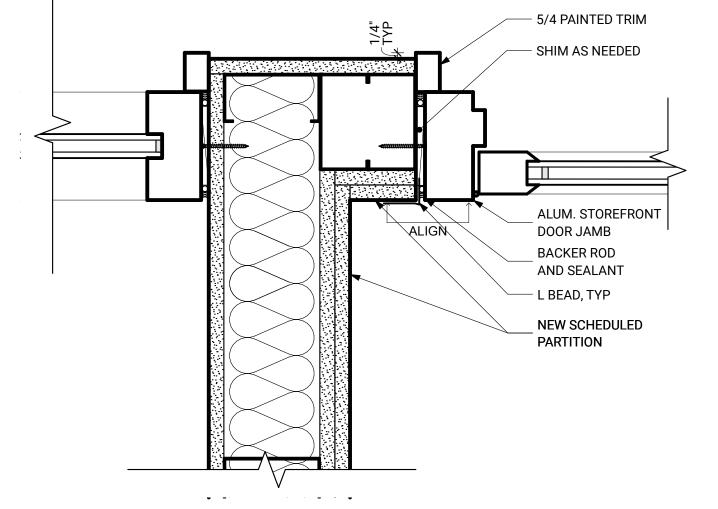




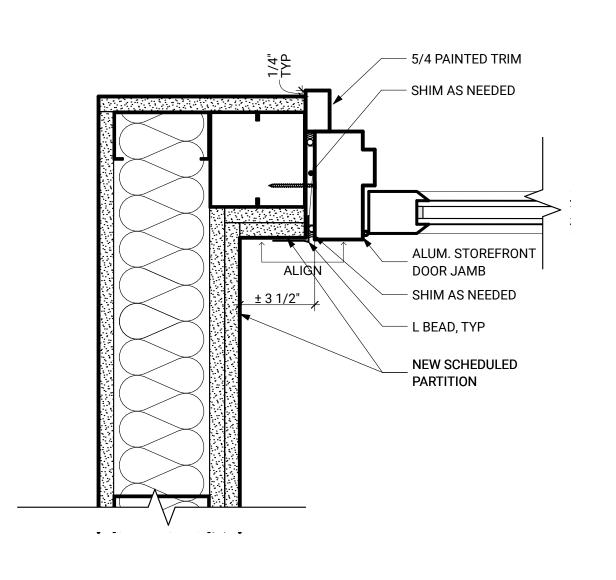


(E) CONCRETE WALL W/ PLASTER FINISH EA. SIDE

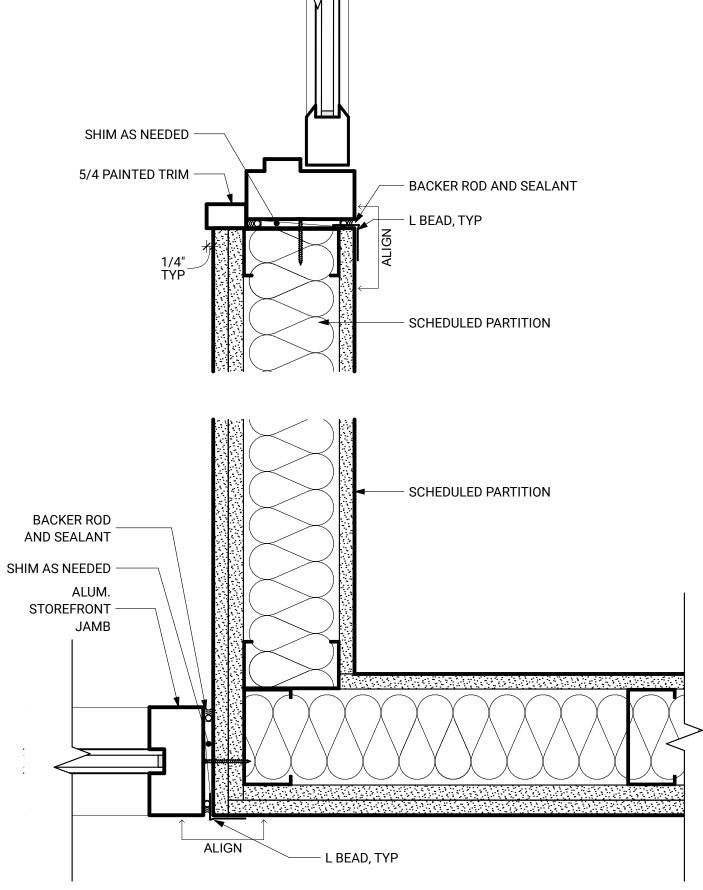












PARTITION INTERSECTION

SCALE: 3" = 1'-0"

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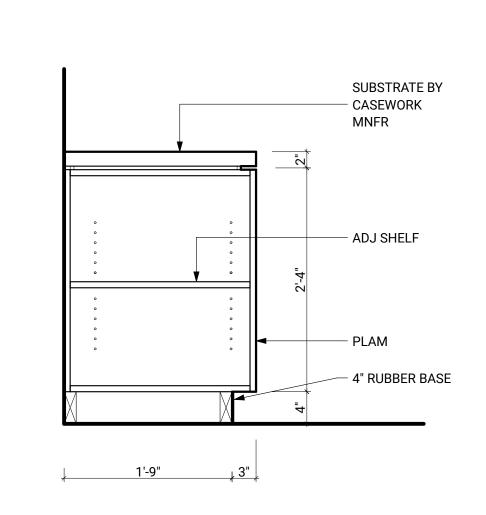
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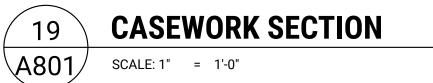
INTERIOR PLAN DETAILS

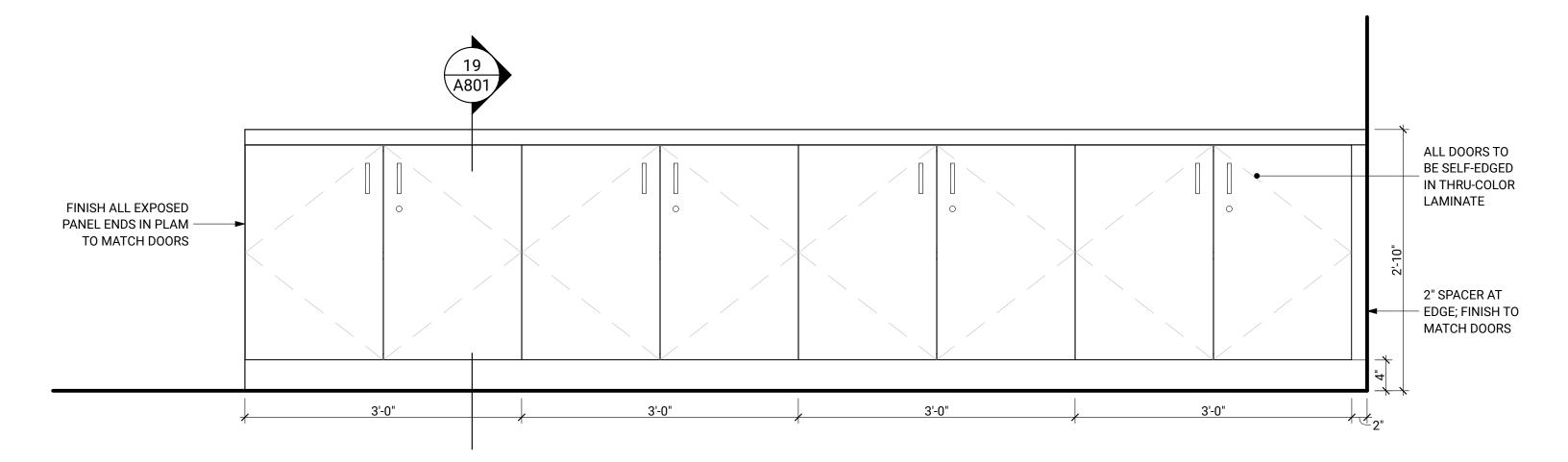
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A703

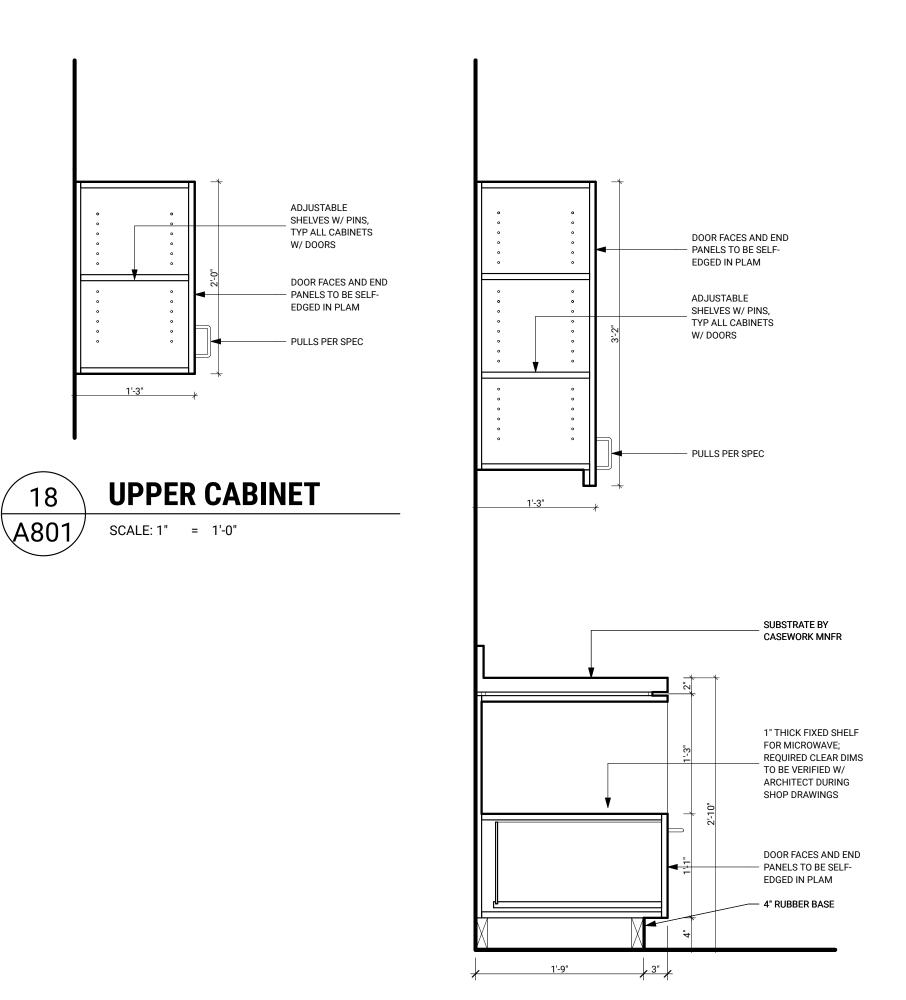


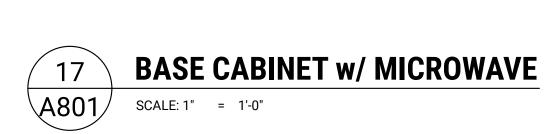


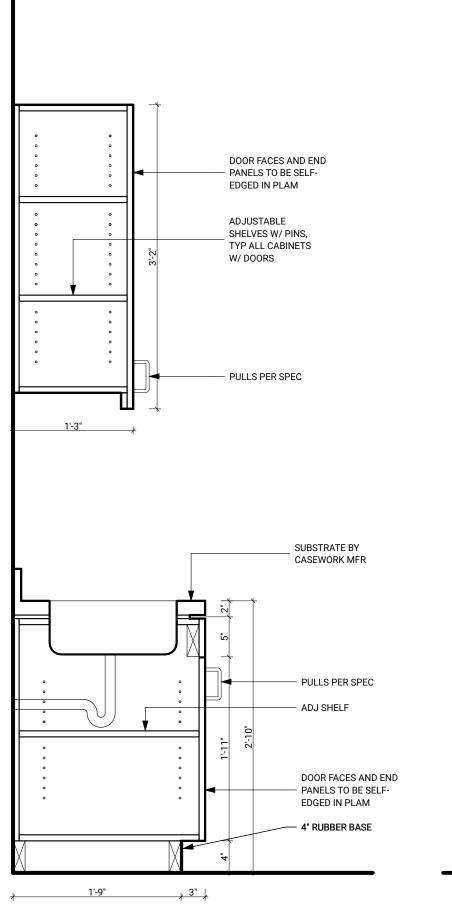


LARGE FLEXIBLE MEETING ROOM AND TEEN AREA CASEWORK ELEVATION

SCALE: 1" = 1'-0"

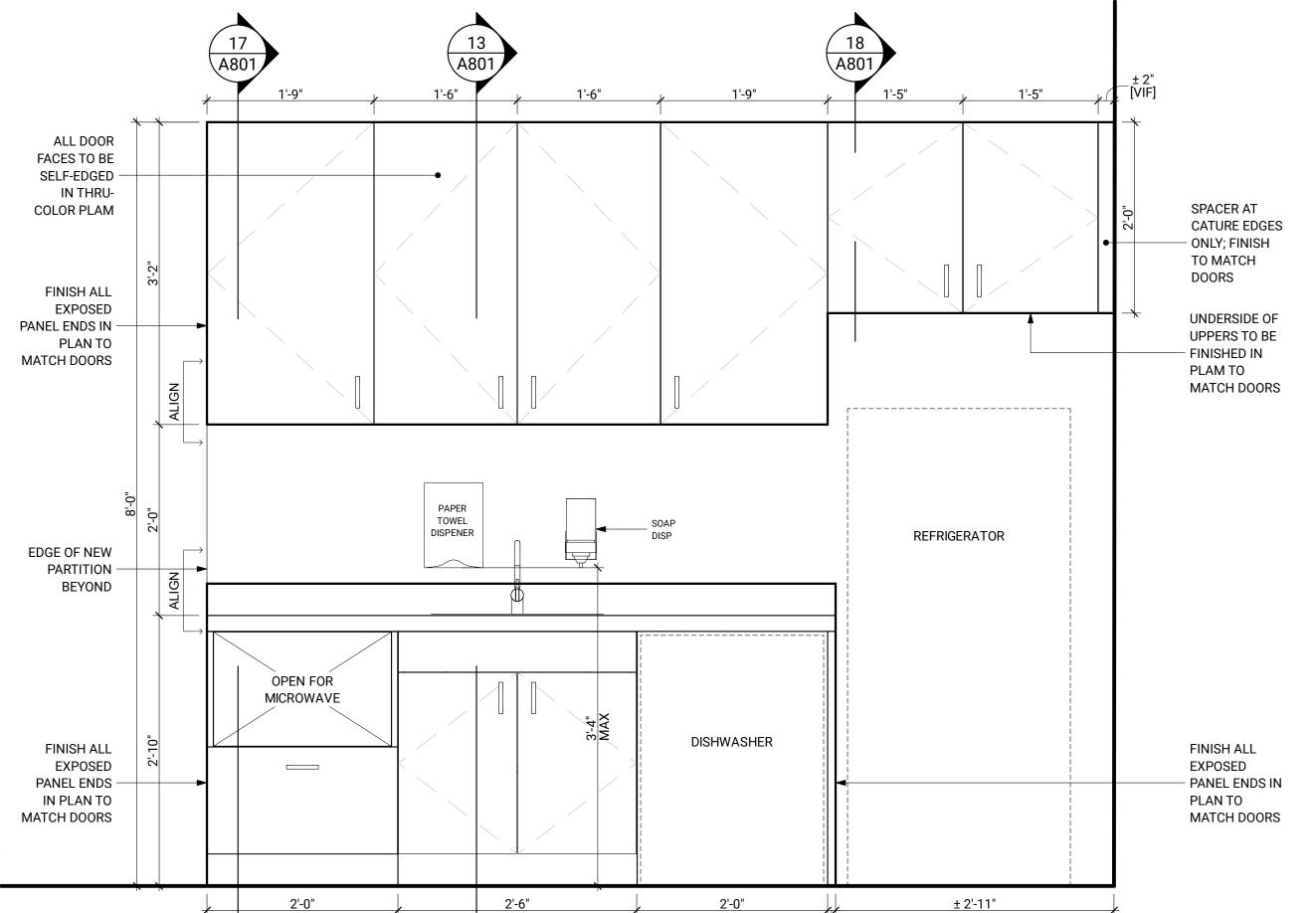






BASE CABINET w/ SINK

SCALE: 1" = 1'-0"





STAFF BREAKROOM CASEWORK ELEVATION

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CASEWORK DETAILS

08/28/2023

Bid Set

A801

Surfaces	Surfaces								
Mark	Туре	MFR	Collection	Name/ Color	Code	Notes	Location(s)		
							Lower Mezzanine:		
							Casework @ Teen Area [051] - vertical and		
							horizontal surfaces		
							• PLAM Sill @ Teen Area RE: 14/A702		
PI Δ M-1	Plastic	Wilsonart	Traceless	Sesame Velvet Elm	15603-31	Traceless Finish	Lower Level:		
	Laminate	Wilsonart	Traceless	Sesame velvet Lim	13003-31	Traceless i inisii	 Casework @ Large Flex. Meetin Room - 		
							vertical and horizontal surfaces		
							• PLAM Sill RE: 17/A300		
							ADD ALT:		
							Partial Ht. Wall PLAM Cap RE: 13/A950		
	Plastic						Lower Level:		
PLAM-2	Laminate	Wilsonart	Standard	Pressed Linen	4991-38	Fine Velvet Finish	 Casework @ Staff Breakroom - vertical 		
	Laminate						surfaces		
	Plastic						Lower Level:		
PLAM-3	Laminate	Wilsonart	Stanard	Shadow Zephyr	4857-60	Matte Finish	Casework @ Staff Breakroom - horizontal		
	Laminate						surfaces		

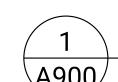
Flooring	looring									
Mark	Туре	MFR	Collection	Name/ Color	Code	Notes	Location(s)			
CPT-1	Carpet Tile	Milliken	Moraine	Navigator; NAV180-119 Border	NAV180-119		Lower Level: • Circulation Core [000] ADD ALT:			
CPT-2	Carpet Tile	Milliken	Moraine	Explorer; EXR201-180-119 Border w/ Teal	EXR201-180-119		• Quiet Rm. [008] Lower Level: • Large Flexible Meeting Room [011] • Small Meeting Room [013] • Medium Meeting Room [014]			
CPT-3	Carpet Tile	Milliken	Moraine	Navigator, NAV19-180-119 Border w/ Navy	NAV19-180-119		Lower Level: • Staff Breakroom [012] ADD ALT: • Offices [006], [007] • Staff Corridor [004]			
WOM	Walk-off Mat	Milliken	Obex	Loop/ Stack/ Gray	SKL153-133		Lower Level: • Staff Breakroom [012]			
RF	Resilient Flooring	Mohawk Group	Medella	Hues C2062, Dust Gray Mid	H5308	Healthy Environments Collection Homogenous Resilient Sheet 2mm Thickness Glue down	Lower Level: • Staff Restroom [012a]			

Mark	Туре	MFR	Collection	Name/ Color	Code	Notes	Location(s)
PT-1	Wall Paint, Building Standard	Benjamin Moore	Off White	Chantilly Lace	OC-65	Matte	Lower Level: Circulation Core [000] Large Flexible Meeting Room [011] Staff Breakroom [012] Staff Restroom [012a] Small Meeting Room [013] Medium Meeting Room [014] ADD ALT: Offices [006], [007] Staff Corridor [004]
PT-2	Wall Paint, Accent	Benjamin Moore	Designer Classics/	Grasslands	CC-590	— Matte (Mural Colors)	Lower Mezzanine:
112	Wall Paint, Accent	Benjamin Moore	Historical Colors	Kennebunkport Green	HC-123		•Teen Area [051] as shown
PT-3	Wall Paint, Accent	Benjamin Moore	Affinity	Schooner	AF-520	Matte	Lower Level: Large Flexible Meeting Room [011] Small Meeting Room [013] Medium Meeting Room [014]

Wall Pro	tection						
Mark	Type	MFR	Collection	Name/ Color	Code	Notes	Location(s)
WP-1	FRP	Crane	Glasbord	Crov	636	Smooth Texture	Lower Level
WP-1	FRP	Composites	Glasbord	Gray	030	Smooth rexture	 Staff Restroom [012A]
WP-2		Aorovan	Tapestry	Fete En Blanc, Thatched	2030		ADD ALT
VV P-Z		Acrovyn	Tapestry	rete Eli Biaric, Triatcrieu	2030		 Staff Corridor [004]
Floor Ba	se						
Mark	Туре	MFR	Collection	Name/ Color	Code	Notes	Location(s)
							Lower Level:
							 Circulation Core [000]
	1		1				Large Flevible Meeting Poom [011]

Mark	туре	MFR	Collection	Name/ Color	Code	Notes	Location(s)
RB	Rubber Base	Johnsonite	Baseworks	Dark Gray (to match existing)		Verify color on site to match existing; confirm final color selection w/ architect	Lower Level: Circulation Core [000] Large Flexible Meeting Room [011] Staff Breakroom [012] Staff Restroom [012a] Small Meeting Room [013] Medium Meeting Room [014] ADD ALT: Offices [006], [007] Staff Corridor [004] Quiet Room [008]
INT	Integral Cove	Mohawk Group	Medella	Hues C2062, Dust Gray Mid	H5308	Healthy Environments Collection Homogenous Resilient Sheet 2mm Thickness Glue down	Lower Level • Staff Restroom [012A]

	FINISH SCHEDULE										
STORY	ROOM	ROOM NAME	FLOOR	BASE	WALL FINISH			CEIL	.ING	COMMENTS	
STORT	NUMBER	ROOM NAME	FLOOR	DASE	north	east	south	west	material	finish	COMMENTS
LOWER LEVEL											
	000	CIRC. CORE	CPT-1	RUBBER	(E) GWB WALL, PTD	(E) GWB WALL, PTD	(E) GWB WALL, PTD	(E) GWB WALL, PTD	(E) ACT TO REMAIN		(E) GWB WALL FINISH TO REMAIN UNO; REPAINT (E) WALLS WITH BUILDING STANDARD AS NOTED ON A101
	011	LG. FLEX MTG. ROOM	CPT-2	RUBBER	GWB-PTD, PT-3	GWB-PTD	GWB-PTD	GWB-PTD	AF		ASTM E84-17a: CLASS A; RE: A221 FOR COLORS
	012	STAFF BREAKROOM	CPT-3, WOM	RUBBER	GWB-PTD	GWB-PTD	GWB-PTD	GWB-PTD	ACT		
	012A	STAFF RR	RF	INTEGRAL COVE	WP-1, GWB- PTD	WP-1, GWB- PTD	WP-1, GWB- PTD	WP-1, GWB- PTD	GWB	PTD	
	013	SM. MTG. ROOM	CPT-2	RUBBER	GWB-PTD	GWB-PTD	GWB-PTD, PT-3	GWB-PTD	(E) ACT TO REMAIN		
	014	MED. MTG. ROOM	CPT-2	RUBBER	GWB-PTD	GWB-PTD, PT-3	GWB-PTD	GWB-PTD	(E) ACT TO REMAIN		
LOWER MEZZAN	IINE										
	050	GALLERY	(E) RF TO REMAIN	(E) RUBBER TO REMAIN	(E) GWB WALL, PTD	(E) GWB WALL, PTD	(E) GWB WALL, PTD	(E) GWB WALL, PTD	EXISTING TO REMAIN		
	051	TEEN AREA	(E) RF TO REMAIN	(E) RUBBER TO REMAIN	(E) GWB WALL, PTD		(E) GWB WALL FINISH TO REMAIN UNO; REPAINT (E) WALLS WITH ACCENT AS NOTED ON A101				



FINISH SCHEDULE

LEGEND:

ACOUSTIC TILES PAINTED ACOUSTIC FELT CLOUD RESILIENT FLOORING MODULAR CARPET TILE WALK-OFF MAT LEVEL 4 PAINTED GWB FINISH, UNO WALL PROTECTION

architecture design preservation

159 western avenue west, suite 486 seattle, washington 98119 office 206 775-8668

BUILDINGWORK

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PROJECT

Wenatchee Public Library Phase II Modernization LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR **North Central Washington Libraries**

REVISION	DATE	NAME

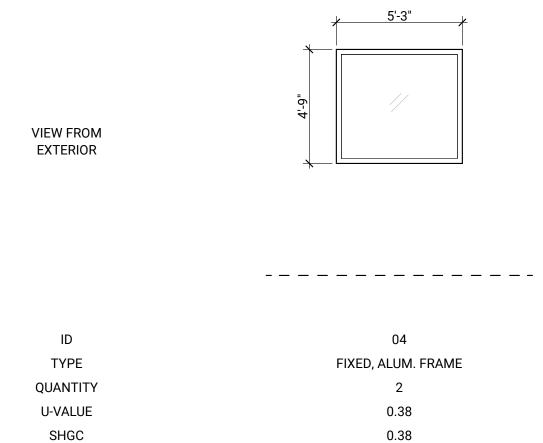
ARCHITECT STAMP



FINISH SCHEDULE

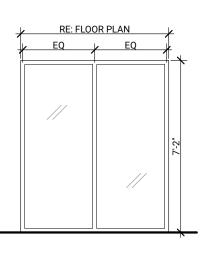
08/28/2023

Bid Set



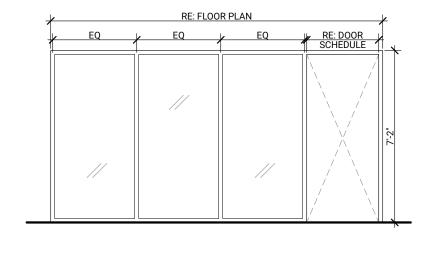
SHGC **GLASS TYPE** INSULATED



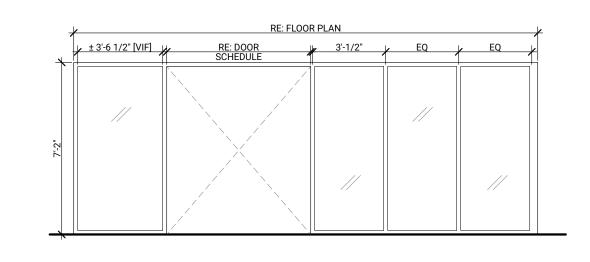


INTERIOR STOREFRONT SYSTEM

TEMPERED GLASS



TEMPERED GLASS



INTERIOR STOREFRONT SYSTEM INTERIOR STOREFRONT SYSTEM TEMPERED GLASS

INTERIOR STOREFRONT SCHEDULE

A910 SCALE: 1/4" = 1'-0"

GLASS TYPES TEMPERED INSULATED NOTE: REFER TO SPECIFICATIONS FOR **FULL GLASS TYPE DETAILS**

DOOR SCHEDULE GENERAL NOTES

1. THE FORCE REQUIRED TO OPEN DOORS SHALL NOT EXCEED 8.5 POUNDS AT EXTERIOR DOORS AND 5 POUNDS AT INTERIOR DOORS.

2. LOCKSETS AND DOOR HANDLES SHALL HAVE LEVER OR PUSH BAR DEVICES TO PERMIT OPERATION WITHOUT GRASPING, PER WAC 1106.3.1

3. VERIFY ALL ROUGH OPENINGS

4. NEW DOORS TO MATCH EXISTING IN HEIGHT. CONTRACTOR TO VERIFY

5. ALL DOOR AND SIDELITE GLASS TO BE TEMPERED

DOOR HARDWARE GROUPS

- A EXIT DOORS
 EGRESS HARDWARE: Von Duprin Model 9800/9900 Series w/ fluid hydraulic damper HINGES: Pemko continuous gear hinges CLOSER: LCN 5034 H x ST or sim, overhead concealed type
- B INTERIOR DOORS
 HARDWARE: Lever-type with classroom lock HINGES: five knuckle heavy weight full mortise, McKinney T4A3786 or sim CLOSER: LCN 5010 series or sim concealed

MADIZ	TVDE	DAID	\A/		_	MATI	FINI	FIN FR		HW	NFRC	SHGC	ELEC. ACCESS	REMARKS		
WARK	IYPE	PAIR	VV	П	I	WAIL	FIN	MATL	FIN	SET	UFAC	SHGC	CONTROL	REWIARRO		
LOWER LEVEL								·	•							
004	В		3'-6"	7'-0"	1 3/4"	SC WOOD	CLEAR	НМ	PTD	Α			YES			
011	Α	YES	6'-0"	7'-0"	1 3/4"	ALUM / GLASS	CLEAR	ALUM	ANOD	Α			YES	FRAME: INTERIOR STOREFRONT TYPE 03		
012	Е		3'-0"	7'-0"	1 3/4"	SC WOOD	CLEAR	НМ	PTD	В			YES			
012A	Е		3'-0"	7'-0"	1 3/4"	SC WOOD	CLEAR	НМ	PTD	В				PRIVACY LOCK w/ OCCUPANCY INDICATOR		
013	D		3'-0"	7'-0"	1 3/4"	ALUM / GLASS	CLEAR	ALUM	ANOD	В			YES	3'-0" SIDELITE		
014	С		3'-0"	7'-0"	1 3/4"	ALUM / GLASS	CLEAR	ALUM	ANOD	В			YES	FRAME: INTERIOR STOREFRONT TYPE 02		
	011 012 012A 013	004 B 011 A 012 E 012A E 013 D	004 B 011 A YES 012 E 012A E 013 D	004 B 3'-6" 011 A YES 6'-0" 012 E 3'-0" 012A E 3'-0" 013 D 3'-0"	004 B 3'-6" 7'-0" 011 A YES 6'-0" 7'-0" 012 E 3'-0" 7'-0" 012A E 3'-0" 7'-0" 013 D 3'-0" 7'-0"	004 B 3'-6" 7'-0" 1 3/4" 011 A YES 6'-0" 7'-0" 1 3/4" 012 E 3'-0" 7'-0" 1 3/4" 012A E 3'-0" 7'-0" 1 3/4" 013 D 3'-0" 7'-0" 1 3/4"	004 B 3'-6" 7'-0" 1 3/4" SC WOOD 011 A YES 6'-0" 7'-0" 1 3/4" ALUM / GLASS 012 E 3'-0" 7'-0" 1 3/4" SC WOOD 012A E 3'-0" 7'-0" 1 3/4" SC WOOD 013 D 3'-0" 7'-0" 1 3/4" ALUM / GLASS	004 B 3'-6" 7'-0" 1 3/4" SC WOOD CLEAR 011 A YES 6'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR 012 E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR 012A E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR 013 D 3'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR	MARK TYPE PAIR W H T MATL FIN 004 B 3'-6" 7'-0" 1 3/4" SC WOOD CLEAR HM 011 A YES 6'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR ALUM 012 E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR HM 012A E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR HM 013 D 3'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR ALUM	004 B 3'-6" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD 011 A YES 6'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR ALUM ANOD 012 E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD 012A E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD 013 D 3'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR ALUM ANOD	MARK TYPE PAIR W H T MATL FIN MATH PTD A 012	MARK TYPE PAIR W H T MATL FIN MATL FIN MATL FIN 004 B 3'-6" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD A 011 A YES 6'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR ALUM ANOD A 012 E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD B 012A E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD B 013 D 3'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR ALUM ANOD B	MARK TYPE PAIR W H T MATL FIN MATL FIN MATL FIN SET UFAC SHGC 004 B 3'-6" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD A Image: A section of the control of the contr	MARK TYPE PAIR W H T MATL FIN MATL FIN MATL FIN MATL SET UFAC SHGC CONTROL 004 B 3'-6" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD A YES 011 A YES 6'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR ALUM ANOD A YES 012 E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD B YES 012A E 3'-0" 7'-0" 1 3/4" SC WOOD CLEAR HM PTD B 013 D 3'-0" 7'-0" 1 3/4" ALUM / GLASS CLEAR ALUM ANOD B YES		



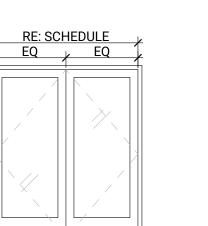
DOOR SCHEDULE

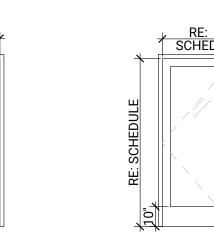
SCALE: 1' = 1'-0"

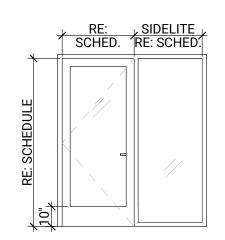
VIEW FROM OPENING SIDE

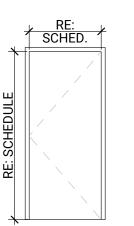
TYPE

QUANTITY

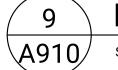








FULL HEIGHT GLASS LITE w/ FULL HEIGHT COMMENTS HALF GLASS LITE FULL HEIGHT GLASS LITE **ALUMINUM STOREFRONT** SIDELITE



DOOR TYPES

FLUSH PANEL

08/28/2023

Bid Set

A910

AND INTERIOR

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DOOR, EXTERIOR WINDOW,

STOREFRONT SCHEDULES

DILLING

architecture

159 western avenue west, suite 486

Wenatchee Public

310 Douglas Street

Wenatchee, WA 98801

Washington Libraries

Library Phase II

Modernization

seattle, washington 98119 office 206 775-8668

www.buildingwork.design

PROJECT

LOCATION

PREPARED FOR

ARCHITECT STAMP

North Central

design preservation

					FINISH SCH	HEDULE [ADD A	ALT]							
STORY	ROOM	ROOM NAME	FLOOR	BASE		WALL	FINISH		CEIL	ING	COMMENTS			
STURY	NUMBER	ROOM NAME	FLOOR	DASE	north	east	south	west	material	finish	COMMENTS			
OWER LEVEL														
	004	STAFF CORR.	CPT-3	RUBBER	WP-2, GWB- PTD	WP-2, GWB- PTD	WP-2, GWB- PTD	WP-2, GWB- PTD	ACT					
	005 SORTING/ WORK AREA		CPT-3	RUBBER	GWB-PTD	GWB-PTD GWB-PTD		GWB-PTD	(E) ACT TO REMAIN		(E) WALLS TO REMAIN; REPAINT AS NOTED			
	005A	FRIENDS OF LIB.	CPT-3	RUBBER	GWB-PTD	GWB-PTD	GWB-PTD	GWB-PTD	(E) ACT TO REMAIN		(E) WALLS TO REMAIN; REPAINT AS NOTED			
	006 OFFICE		CPT-3	RUBBER	GWB-PTD	GWB-PTD	GWB-PTD	GWB-PTD	(E) ACT TO REMAIN		(E) WALLS TO REMAIN; REPAINT AS NOTED			
	007	OFFICE	CPT-3	RUBBER	GWB-PTD	GWB-PTD	GWB-PTD	GWB-PNT	ACT					
	008	QUIET RM.	CPT-3	RUBBER	GWB-PTD	GWB-PTD	GWB-PTD	GWB-PTD	ACT					

20 A950

FINISH SCHEDULE - ADD ALT

SCALE: 1' = 1'-0"

	MARK	TYPE	PAIR	\ \	Н	T	MATL	FIN	FR	AME	HW	NFRC	SHGC	ELEC. ACCESS	REMARKS			
	IVIARK	ITPE	PAIR	VV	П	1	WAIL	FIN	MATL	FIN	SET	UFAC	ЗПВС	CONTROL	REWIARRS			
LOWER LEVEL									·									
	006	Е		3'-0"	7'-0"	1 3/4"	SC WOOD	CLEAR	НМ	PTD	Α							
	007	Е		3'-0"	7'-0"	1 3/4"	SC WOOD	CLEAR	НМ	PTD	Α							
	008	Е		3'-0"	7'-0"	1 3/4"	SC WOOD	CLEAR	НМ	PTD	Α				PRIVACY LOCK w/ OCCUPANCY INDICATOR			

DOOR SCHEDULE - ADD ALT

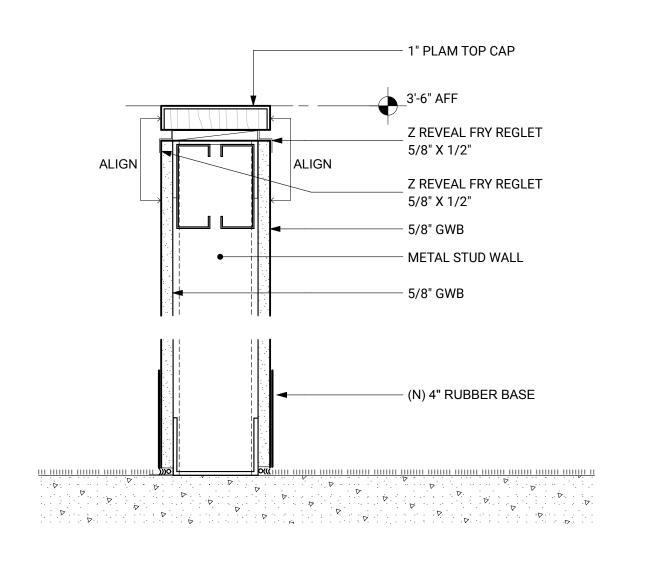
SCALE: 1' = 1'-0"

ADD ALTERNATES										
Number	Location (a)	Description/ Notes								
Number	Location(s)	(Refer to plans for scope and description of work listed below)								
		• Remove (E) high density shelving								
	• Sorting/ Work Area [005];	• (E) carpet and base throughout [005], [005A]								
1	• Friends of Libraries [005A]	Provide new carpet throughout [005], [005A]								
	Friends of Libraries [003A]	• Repaint (E) walls w/ Building Standard paint								
		• Provide new base [005], [005A]								
		• Remove (E) carpet, base throughout [006]								
		• Remove (E) door and associated items as noted on plans [006]								
2	• Office [006]	• Provide new walls as shown for new Office [007]								
	• Office [007]	• Provide new door for new Office [007]								
		• Provide new base [006], [007]								
		 Provide new lighting, mechanical, ceiling modification as needed [006], [007] 								
		• Remove (E) carpet as needed to accommodate [004], [008]								
		Provide new walls, painted as shown for [004], [008]								
	• Staff Corr. [004]	• Provide new carpet as shown for [004], [008]								
3	• Quiet Room [008]	• Provide new doors for rooms [004], [008]								
	Quiet Room [008]	• Provide new base [004], [008]								
		 Provide new lighting, mechanical, ceiling modification as needed [004], [008] 								
		 Paint/ repaint extent of wall indicated in Children's Area [001] 								

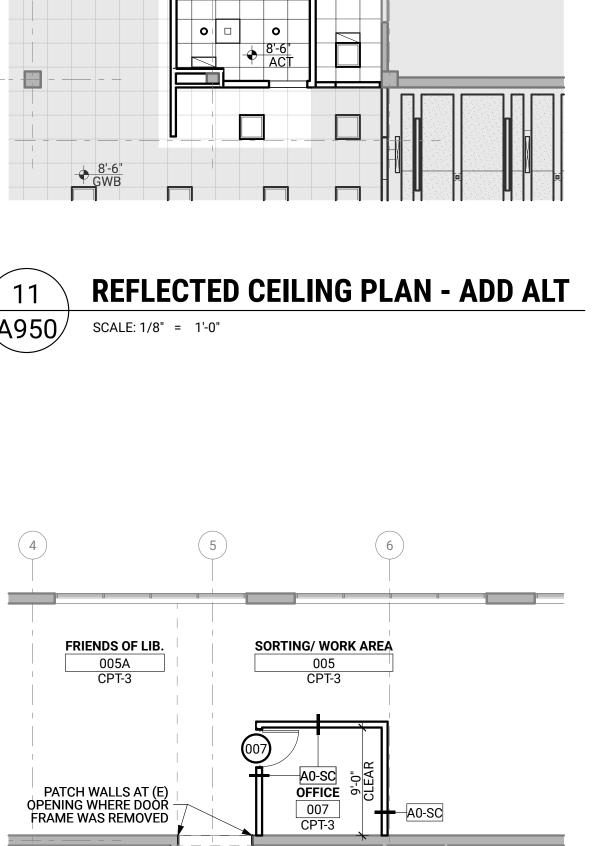


LIST OF ADD ALTERNATES

SCALE: 1:0.82

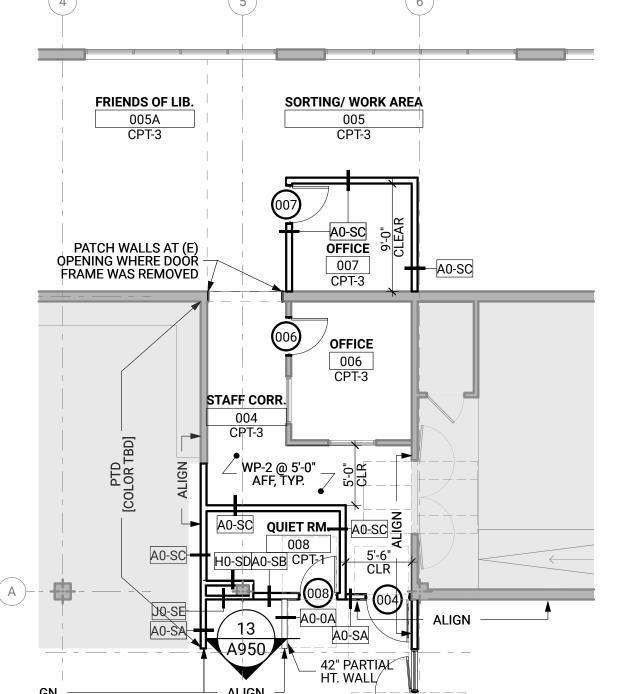


PARTIAL HEIGHT WALL - ADD ALT SCALE: 3" = 1'-0"

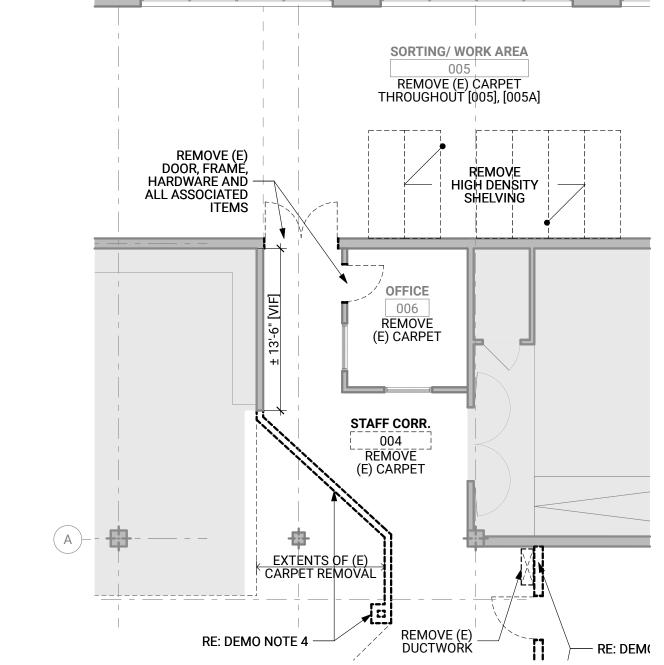


◆ ±8'-6" ACT

OPEN TO STRUCTURE (E) TO REMAIN







5

(E) CLG TO REMAIN

±8'-6" (E) ACT

REMOVE PORTION OF (E) CLG REQ'D. TO ACCOMMODATE NEW CONSTRCTION

◆ ±8'-6" (E) ACT

REMOVE (E) CLG DEMO NOTE 5, 6

DEMO RCP - ADD ALT

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

A950

OPEN TO STRUCTURE (E) TO REMAIN

(E) CLG TO REMAIN



BUILDINGWORK

architecture design preservation

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PROJECT

Wenatchee Public Library Phase II Modernization LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR **North Central Washington Libraries**

ARCHITECT STAMP

REGISTERED ARCHITECT MATTHEW C. AALFS STATE OF WASHINGTON

ADD ALTERNATES - PLANS, DETAILS, AND SCHEDULES

08/28/2023

Bid Set

	ABBREV	/IATIONS		HVAC BASIS OF DESIGN		DUCTWOR
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	HVAC BASIS OF DESIGN 1. HVAC EQUIPMENT SHALL HAVE MINIMUM PERFORMANCE AT SPECIFIED RATING CONDITIONS NOT LESS THAN THE VALUES		
А	AIR OR COMPRESSED AIR	A/C	AIR CONDITIONING	OUTDOOR - 200'S PLOUMASS STATE: COUNTY: CHELAN CLIMATE ZONE: ED INDICATED IN THE TABLE C403.2.3 OF THE WSEC AND AS INDICATED ON THE CONTRACT DOCUMENTS.	SINGLE LINE	DOUBLE LINE
AD	ACCESS DOOR	ADA	AMERICAN DISABILITIES ACT	DESIGN 65°F Wb SUMMER WASHINGTON 2 THERMOSTATS:		
AF	AIR FOIL	ADJ	ADJUST, ADJUSTABLE, ADJACENT	TEMPERATURES 7°F Db WINTER DESIGN ALTITUDE 2,364 FT ABOVE SEA LEVEL 2.1. PROVIDE THERMOSTAT WITH 7-DAY PROGRAMMABLE THERMOSTAT CAPABLE OF BEING SET FOR 7-DIFFERENT DAY TYPES PER WEEK (5+2 AND 5+1+1 THERMOSTATS ARE NOT ACCEPTABLE.	ROUN	ND DUCT UP
AFF	ABOVE FINISHED FLOOR AIR HANDLING UNIT	AGA AMB	AMERICAN GAS ASSOCIATION AMBIENT	INDOOR AREA DESIGN SUMMER WINTER 2.2. THERMOSTAT SHALL HAVE PROGRAMMING BACK UP CAPABLE OF RETAINING THE PROGRAMMING FOR A MINIMUM	, ()	UD DUOT DOWN
AHU	AMPERE, AMPACITY	ANCH	ANCHOR	CENERAL SPACE RESIGNATION Db % Db % 2.3. THE THERMOSTAT SHALL BE CAPABLE OF MANUAL OVERRIDE.	ROUNI	ND DUCT DOWN
AP	ACCESS PANEL	APPD	APPROVED	GENERAL SPACE DESIGNATION (°F) HUMIDITY (°F) HUMIDITY 2.4. THERMOSTAT SHALL BE CAPABLE OF BEING SET FOR A 5 DEGREE DEADBAND (WHEN CONTROLLING EQUIPMENT CAPABLE OF BOTH HEATING AND COOLING)		
APD	AIR PRESSURE DROP	ARCH	ARCHITECT, ARCHITECTURAL	OFFICE, ETC. 75 50 72 50 2.5. FOR THERMOSTATS CONTROLLING HEATING AND COOLING EQUIPMENT, THE THERMOSTAT SHALL BE PROVIDED WITH "OPTIMUM START" CAPABILITIES.	SUPPL	PLY DUCT UP
AS	AIR STREAM	ATC	AUTOMATIC TEMPERATURE CONTROL	2.6 HVAC SYSTEMS SHALL BE FOURPED WITH AUTOMATIC CONTROLS CAPABLE OF ACCOMPLISHING SETBACK OR		
AVG	AVERAGE	ATM	ATMOSPHERE	PIPING LEGEND SHUTDOWN DURING UNOCCUPIED PERIODS AS REQUIRED BY SECTION C403.2.4.2.1. THERMOSTATIC SETBACK CONTROLS SHALL BE CONFIGURED TO SET BACK OR TEMPORARILY OPERATE THE SYSTEM TO MAINTAIN ZONE	SUPPL'	LY DUCT DOWN
BDD	BACK DRAFT DAMPER	ВТТМ	воттом	TEMPERATURES DOWN TO 55°F (13°C) OR UP TO 85°F (29°C). 2.7. PROVIDE DEAD BAND BETWEEN HEATING/COOLING SPACE SENSOR SETPOINTS OF 5 DEGREES AS REQUIRED BY		
BHP	BREAK HORSE POWER	BI	BACKWARD INCLINED	THE WSEC OR AS DESCRIBED IN THE TEMPERATURE CONTROL SEQUENCES	0.5	TANDARD RADIUS
BTU	BRITISH THERMAL UNIT	BTUH	BRITISH THERMAL UNITS PER HOUR	BALL VALVE WITH MEMORY STOP (BALANCING VALVE) BALL VALVE WITH HOSE BIBB, CAP & CHAIN 3. PROVIDE BALANCING DEVICES IN ALL BRANCH DUCTS AND PIPE RUNS TO TERMINAL DEVICES AS REQUIRED BY SECTION	EL	LBOW (R = W)
BV	BUTTERFLY VALVE	BOD	BOTTOM OF DUCT	BUTTERFLY VALVE C408.2.2 OF THE WSEC AND AS INDICATED ON THE CONTRACT DOCUMENTS.		SUPPLY/RETURN R
CENT	CENTER OR CENTRIFUGAL	CAP	CAPACITY CHILLED WATER RETURN	BUTTERFLY VALVE WITH MEMORY STOP (BALANCING VALVE) 4. SEALANTS FOR GALVANIZED DUCTWORK: SEAL AIR DUCT JOINTS AND JOINTS BETWEEN FITTINGS AND DUCTS WITH HAPDCAST SEALANT OR APPROVED FOLIAL IN ACCORDANCE WITH MANUFACTURE RISTRUCTIONS		⊢ ẁ-
CHS	CUBIC FEET PER MINUTE CHILLED WATER SUPPLY	CHR	CAST IRON	PLUG VALVE		1 1
CF	CUBIC FEET	CLG	CEILING	PRESSURE REDUCING VALVE 5. ALL DUCTWORK SHALL COMPLY WITH SMACNA STANDARDS FOR CONSTRUCTION OF GALVANIZED DUCTWORK. ALL DUCTWORK SHALL BE SEALED AS REQUIRED BY SECTION C403.2.8.2 OF THE WSEC.	رك	, 🔲
CLR	CLEAR	СМИ	CONCRETE MASONRY UNIT	STRAINER W/BALL VALVE, HOSE BIBB & CAP (GATE VALVE FOR STEAM) 6. DUCTWORK STATIC PRESSURE AND SEAL CLASS:	TURNIL	NG VANES
CNDS	CONDENSATE	со	CARBON MONOXIDE	STRAINER DUPLEX	1 d	
COMB	COMBINATION, COMBUSTION	CO2	CARBON DIOXIDE	CONSTRUCTION PRESSURE SMACNA LEAKAGE VELOCITY		
CV	CHECK VALVE	CWR	CONDENSER WATER RETURN	CLASS RATING CLASS	γ γ	口
CWS	CONDENSER WATER SUPPLY	CT	COOLING TOWER	4" ABOVE 3" POS OR NEG A 6 4000 FPM CONGITUDINAL SEAMS AND DUCT	ا کے ٥٦ کے	BULLHEAD SPLIT
CONN	CONNECTION OR CONNECT	CTBD	COOLING TOWER BLOW DOWN	AUTOMATIC CONTROL VALVE, MODULATING ACTUATOR 2500 EPM SEAL TRANSVERSE JOINTS AND		SUPPLY
CUH	CABINET UNIT HEATER	D	DRAIN	AUTOMATIC CONTROL VALVE, TWO POSITION ACTUATOR THREE WAY AUTOMATIC CONTROL VALVE, MODULATING ACTUATOR 2" 2" TO 3" POS OR NEG B 12 2500 FPM OR LESS LONGITUDINAL SEAMS	1 4 4	爿
DB DDC	DRY BULB DIRECT DIGITAL CONTROL	DEG DIA	DEGREE DIAMETER	4" A/OUTO OU DOG OD NICO D 40 2500 FPM OF ALTDANOVEDOE JOINTO		
DDC	DIFFERENTIAL PRESSURE	DPS	DIFFERENTIAL PRESSURE SWITCH	THREE WAY AUTOMATIC CONTROL VALVE, TWO POSITION ACTUATOR	1.	
DET	DETAIL	DEMO	DEMOLITION	7. ALL DUCTWORK SHALL BE INSULATED AS REQUIRED BY SECTION C403.2.8.2 OF THE WSEC.		CEILING
DIA	DIAMETER	DF	DRINKING FOUNTAIN	AUTOMATIC FLOW CONTROL VALVE (PRESSURE INDEPENDENT) DUCT TYPE LOCATION R-VALUE	DU	UCT MTD. FF/GRILLE
DIM	DIMENSION	DIFF	DIFFUSER	R-12 (INCLUDE APPROVED		TI GRILLE
DN	DOWN	DIV	DIVISION	SAFETY RELIEF VALVE SUPPLY/RETURN EXTERIOR DUCTWORK R-12 (INCLUDE APPROVED WEATEHRPROOF BARRIER)		
DS	DOWNSPOUT, DISCONNECT SWITCH, DOOR SWITCH	DPR	DAMPER			(FOFF
DX	DOOR SWITCH DIRECT EXPANSION	DWG	DRAWING	UNION OR FLANGE (AS INDICATED BY PIPE SIZE - SEE SPEC.) OUTSIDE AIR WITHIN CONDITIONED SPACE (NOT CONSIDERED PENETRATION) R-8 (DAMPER AT ENVELOPE PENETRATION)	TO 5 TO	KEOFF TO +
EA	EACH OR EXHAUST AIR	ELEV	ELEVATOR, ELEVATION	II BEIND I EANOE		/GRILLE
ELEC	ELECTRICAL	ENCL	ENCLOSURE	END CAP SUPPLY (<56°) PLENUM OR UNCONDITIONED SPACE R-6		HARD
ENG	ENGINEER	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	— CWR — CONDENSER WATER RETURN		ELBOW
EQ	EQUAL	EQUIP	EQUIPMENT			
EWH	ELECTRIC WALL HEATER	EXH	EXHAUST	OUIO OUIU ED WATER OURRIV		CEILING DUCT MTD.
EXIST	EXISTING	EAHU	EXHAUST AIR HANDLING UNIT	9. PER C405.8 FRACTIONAL HP FAN MOTORS THAT ARE 1/12 HP OR GREATER AND LESS THAN 1 HP WHICH ARE NOT COVERED BY TABLES C405.8(3) AND C405.8(4) SHALL BE ELECTRONICALLY COMMUTATED MOTORS OR SHALL HAVE A MINIMUM MOTOR	DIF	FF/GRILLE
EAT	ENTERING AIR TEMPERATURE	EF	EXHAUST FAN	FFICIENCY OF 70 PERCENT. NATURAL GAS (1/2 PSI OR LESS)		
EMER ESP	EMERGENCY EXTERNAL STATIC PRESSURE	EMS ET	ENERGY MANAGEMENT SYSTEM EXPANSION TANK			OUSTICALLY AND DUCT
EUH	ELECTRIC UNIT HEATER	EWT	ENTERING WATER TEMPERATURE			, , , , , , , , , , , , , , , , , , ,
F	FAHRENHEIT	FA	FREE AREA	11. DEMAND CONTROL VENTILATION: PROVIDE DEMAND CONTROL VENTILATION ON ALL SPACES GREATER THAN 500 SF, AND WITH OCCUPANT LOADS GREATER THAN 25 PEOPLE/1,000 SF. C403.2.6.2 WSEC.		TWORK OR X—X—
FC	FLEXIBLE CONNECTION	FCU	FAN	——————————————————————————————————————	ТО ВЕ	E REMOVED X—X—
FD	FIRE DAMPER OR FIRE DEPARTMENT	FLA	FULL LOAD AMPS	AND STAIRWAY AND ELEVATOR HOISTWAY SHAFT VENTS SHALL BE PROVIDED WITH CLASS I MOTORIZED DAMPERS. SEE		EN END
FPM	FEET PER MINUTE	FS	FLOW SWITCH	RISE (SINGLE LINE - PLAN VIEW) SECTIONS C403.10.1 AND C403.10.2 FOR DUCTWORK INSULATION REQUIREMENTS UPSTREAM AND DOWNSTREAM OF THE SHUTOFF DAMPER. DROP (SINGLE LINE - PLAN VIEW) SECTIONS C403.10.1 AND C403.10.2 FOR DUCTWORK INSULATION REQUIREMENTS UPSTREAM AND DOWNSTREAM OF THE SHUTOFF DAMPER.	DUC1 →	ctw/ f i-
FT	FEET	FTR	FIN TUBE RADIATION	EXCEPTIONS: TOP TAKEOFF TOP TAKEOFF 1. GRAVITY (NONMOTORIZED) DAMPERS SHALL BE PERMITTED IN LIEU OF MOTORIZED DAMPERS AS FOLLOWS:	" 1/4"x1/4" \	·
G	GAS	GA	GAUGE	BOTTOM TAKEOFF 1.1 RELIEF DAMPERS SERVING SYSTEMS LESS THAN 5,000 CFM TOTAL SUPPLY SHALL BE PERMITTED IN BUILDINGS	FLEX DUC	EXIBLE SIIIII
GAL GPM	GALLONS GALLONS PER MINUTE	GPH HB	GALLONS PER HOUR HOSE BIB	LESS THAN THREE STORIES IN HEIGHT. 1.2 GRAVITY (NONMOTORIZED) DAMPERS WHERE THE DESIGN OUTDOOR AIR INTAKE OR EXHAUST CAPACITY DOES	DOC	CI
HD	HEAD	HP	HOSE BIB HORSEPOWER	NOT EXCEED 400 CFM (189 L/S).		ADDITIONA
HR	HOUR	HRU	HEAT RECOVERY UNIT	AIR OUTLET CALLOUT 1.3 SYSTEMS SERVING AREAS WHICH REQUIRE CONTINUOUS OPERATION FOR 24/7 OCCUPANCY SCHEDULES. 2. SHUTOFF DAMPERS ARE NOT REQUIRED IN:		
HTG	HEATING	HZ	HERTZ (CYCLES PER MINUTE)	2.1 COMBUSTION AIR INTAKES. 2.2 SYSTEMS SERVING AREAS WHICH REQUIRE CONTINUOUS OPERATION IN ANIMAL HOSPITALS, KENNELS AND		
ID	INSIDE DIAMETER	IN	INCHES	POUNDS, LABORATORIES, AND GROUP H, I AND R OCCUPANCIES.		VOLUME TRAVERSE STATION
KW	KILOWATT	LAT	LEAVING AIR TEMPERATURE	2.3 SUBDUCT EXHAUST SYSTEMS OR OTHER SYSTEMS THAT ARE REQUIRED TO OPERATE CONTINUOUSLY BY THE INTERNATIONAL MECHANICAL CODE.		TOMATIC CONTROL DAMPER
LF	LINEAR FEET	LD	LINEAR DIFFUSER	2.4 TYPE I GREASE EXHAUST SYSTEMS OR OTHER SYSTEMS WHERE DAMPERS ARE PROHIBITED BY THE	W/AC	ACCESS DOOR
LRA	LOCKED ROTOR AMPS	LVR	LOUVER	INTERNATIONAL MECHANICAL CODE TO BE IN THE AIRSTREAM. 2.5 UNCONDITIONED STAIRWELLS OR UNCONDITIONED ELEVATOR HOISTWAY SHAFTS THAT ARE ONLY	SGD SLID	DE GATE DAMPER
LWT	LEAVING WATER TEMPERATURE	MAX	MAXIMUM	CONNECTED TO UNCONDITIONED SPACES.	VD MAN	NUAL VOLUME DAMPER
MBH	1000 BTU MAKE UP AIR	MCA MOCP	MINIMUM CIRCUIT AMPS MAXIMUM OVER CURRENT PROTECTION	NECK SIZE (IN) 17. COMMISSIONING: FOR ALL COOLING SYSTEMS LARGER THAN 240,000 BTUH, OR HEATING SYSTEMS LARGER THAN 300,000	FD SELF	LF-CLOSING FIRE DAMPER
MUA NC	NOISE CRITERIA	NO	NORMALLY OPEN	AIR OUTLET TYPE BTUH MECHANICAL SYSTEM MUST BE COMMISSIONED IN ACCORDANCE WITH SECTION C408.2 INCLUDING BUT NOT LIMITED	W/AC	ACCESS DOOR
NOM	NOMINAL NOMINAL	OA	OUTSIDE AIR	OF COMMISSIONING COMPLIANCE CHECKLIST. A COPY OF THE COMMISSIONING COMPLIANCE CHECKLIST IS REQUIRED TO		TOMATIC SMOKE DAMPER ACCESS DOOR
OAI	OUTSIDE AIR INTAKE	OC	ON CENTER	SIZE (IN) OF CONNECTING BRANCH DUCT BE GIVE TO THE LOCAL BUILDING OFFICIAL BE GIVE TO THE LOCAL BUILDING OFFICIAL	——— SFD COM	MBINATION SMOKE/FIRE
OD	OUTSIDE DIAMETER	ODP	OPEN DRIP PROOF	18. PROVIDE RECORD DRAWINGS, OPERATING AND MAINTENANCE MANUALS, ENERGY CODE COMPLIANCE FORMS, AND		MPER W/ACCESS DOOR CKDRAFT DAMPER
OV	OUTLET VELOCITY	PCF	POUNDS PER CUBIC FEET	SYSTEMS OPERATION TRAINING DOCUMENTS AS DESCRIBED IN SECTION C103.6.1 THROUGH C103.6.4 TO THE OWNER WITHIN 180 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE AS REQUIRED BY SECTION C103.6 OF THE WSEC. THE		
PD	PRESSURE DROP	PH	PHASE	DRAWINGS SHALL INDICATE THE LOCATION AND PERFORMANCE DATA OF EQUIPMENT, GENERAL CONFIGURATION OF DUCTWORK AND PIPING DISTRIBUTION SYSTEMS, INCLUDING FLOW RATES AS A MINIMUM.	M MOT	TORIZED DAMPER
PRV	PRESSURE REDUCING VALVE	PSI	POUNDS PER SQUARE INCH			
PSIA	POUND PER SQUARE INCH - ABSOLUTE	PSID	POUND PER SQUARE INCH - DIFFERENTIAL	19. C402.5.1.2 BUILDING AIR LEAKAGE TESTING A. PROVIDE AIR LEAKAGE TESTING PER SECTION C402.5.1.2 TO ENSURE THE LEAKAGE RATE IS LESS THAN 0.40 CFM/SF	STAI BLOV	ANDARD 4-WAY DW SUPPLY DIFFUSER
PSIG	POUND PER SQUARE INCH - GAUGE	PVC	POLYVINYL CHLORIDE	AT PRESSURE DIFFERENTIAL OF 0.3 INCHES WATER GAUGE.		ANKED FOR 3-WAY
R	RADIUS	RA	RETURN AIR		BLO'	DW SUPPLY DIFFUSER
RET	RETURN	RH	RELATIVE HUMIDITY			ANKED FOR 2-WAY
RLF	RELIEF	RPM	REVOLUTIONS PER MINUTE		BLO'	OW SUPPLY DIFFUSER
RTU	ROOFTOP UNIT	SA	SUPPLY AIR			ANKED FOR 1-WAY
SD	SMOKE DETECTOR	SE	SMOKE EXHAUST		BLO'	DW SUPPLY DIFFUSER
SEN	SENSIBLE SENSIBLE	SFD	COMBINATION SMOKE/FIRE DAMPER			
SHC	SENSIBLE HEAT CAPACITY	SP	STATIC PRESSURE			
SF	SQUARE FEET	SS	STAINLESS STEEL TEMPERATURE OR THERMOSTAT			
	QI IDDI V	1 '	LENI ENVIONE ON THEKNIOSTAT			
SUP	SUPPLY TOTALLY CLOSED FAN COOLED	TEMP	TEMPFRATIIRF		_	
	SUPPLY TOTALLY CLOSED FAN COOLED TOTAL STATIC PRESSURE	TEMP TSTAT	TEMPERATURE THERMOSTAT			
SUP TEFC	TOTALLY CLOSED FAN COOLED					
SUP TEFC TSP	TOTALLY CLOSED FAN COOLED TOTAL STATIC PRESSURE	TSTAT	THERMOSTAT			
SUP TEFC TSP	TOTALLY CLOSED FAN COOLED TOTAL STATIC PRESSURE TYPICAL	TSTAT UC	THERMOSTAT UNDERCUT DOOR			
SUP TEFC TSP TYP V	TOTALLY CLOSED FAN COOLED TOTAL STATIC PRESSURE TYPICAL VOLTS	TSTAT UC VAV	THERMOSTAT UNDERCUT DOOR VARIABLE AIR VOLUME			
SUP TEFC TSP TYP V VEL	TOTALLY CLOSED FAN COOLED TOTAL STATIC PRESSURE TYPICAL VOLTS VELOCITY	TSTAT UC VAV VFD	THERMOSTAT UNDERCUT DOOR VARIABLE AIR VOLUME VARIABLE FREQUENCY DRIVE			



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DUCTWORK SYMBOLS

SINGLE LINE

RISE/DROP

TAKE-OFF

RECTANGULAR MAIN DUCT

TAKE-OFF

ROUND MAIN DUCT

DOUBLE LINE

DROP

ROUND 7

ROUND — TAKĘOFF

BOOT BY LD MF'R

ROOF EXHAUST FAN SHOWN ON ROOF

ROOF EXHAUST FAN SHOWN

ON FLOOR PLAN

UNDERCUT DOOR

LOUVERED DOOR

FLOW DIRECTION

SUPPLY AIR FLOW

SECTION DESIGNATION

SHEET NUMBER

THERMOSTAT

FIRE DAMPER

RETURN OR EXHAUST AIR

CONNECT NEW TO EXISTING

TEMPERATURE SENSOR OR

POINT OF DEMOLITION

RETURN DUCT UP

EXHAUST DUCT UP

RETURN DUCT DOWN

EXHAUST DUCT DOWN

HORIZONTAL OFFSET SUPPLY/RETURN

/EXHAUST

RISE OR DROP SUPPLY/RETURN/

EXHAUST

45°F TAP TAKE-OFF

RECT TAP

BULLHEAD CONVERGE RETURN/EXHAUST

SIDEWALL DUCT MTD. REG./GRILLE

SUPPLY SIDEWALL LINEAR DIFFUSER

(W/SHEET METAL PLENUM W/1"

LINING & BRANCH CONN FOR EVERY

4' OF LENGTH)

SUPPLY CEILING LINEAR DIFFUSER (W/SHEET METAL 🕇

LINING & BRANCH

CONN FOR EVERY 4' OF LENGTH)

PLENUM W/1"
LINING & BRANG
CONN FOR EVE

UC 1/2"

LVDR 1.5 SF

ADDITIONAL SYMBOLS

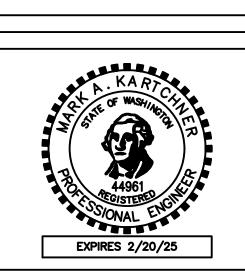
159 western avenue west, suite 486 seattle, washington 98119 office 206 775-8668

www.buildingwork.design

PROJECT Wenatchee Public

Library Phase II Modernization 310 Douglas Street Wenatchee WA 98801 **United States** PREPARED FOR North Central Washington Libraries

REVISION DATE NAME





101 S. STEVENS, SUITE 201 SPOKANE, WASHINGTON, 99201 PH: 509-922-0383 WWW.KARTCHNERENGINEERING.COM

MECHANICAL NOTES, SYMBOLS, & LEGENDS

08/28/2023

BID SET

				\	A TIONI A ID O A I	0111 471011				
				VENTIL	ATION AIR CAL	CULATION				
	AREA OF SPACE	OCCUPANCY DENSITY (#/1000 FT ²)	NUMBER OF PEOPLE IN THE SPACE	PEOPLE OUTDOOR AIR FLOW RATE IN BREATHING ZONE		AREA OUTDOOR AIRFLOW RATES IN BREATHING ZONE	OUTSIDE AIR REQUIRED DUE TO AREA	AIR DISTRIBUTION EFFECTIVNESS	TOTAL REQUIRED OUTSIDE AIR	OUTSIDE AIR PROVIDED
005 - BREAKROOM	325	20	7	7.5	49	0.12	39	0.8	97	100.0
005 - STAFF WORKROOM	770	10	8	5	39	0.12	92	0.8	164	165.0
006 - OFFICE	83	5	0	5	2	0.06	5	0.8	8	10.0
007 - OFFICE	82	5	0	5	2	0.06	5	0.8	8	10.0
CORRIDOR	285	0	0	0	0	0.06	17	0.8	21	25.0
008 - QUIET ROOM	90	5	0	5	2	0.06	5	0.8	9	10.0
011 - LG FLX/MTG SPACE	1135	10	11	5	57	0.12	136	0.8	227	230.0
011A - SM FLX/MTG SPACE	475	10	5	5	24	0.12	57	0.8	95	100.0
014 - STUDY	130	5	1	5	3	0.06	8	0.8	13	15.0
015 - FRIENDS	175	5	1	5	4	0.06	11	0.8	18	20.0
							TOTAL		660	685

1 VENTILATION AIR CALCULATION

SCALE: NOT TO SCALE



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PROJECT

LOCATION

Wenatchee Public Library Phase II Modernization

310 Douglas Street
Wenatchee WA 98801

United States
PREPARED FOR

North Central
Washington Libraries

REVISION DATE NAME





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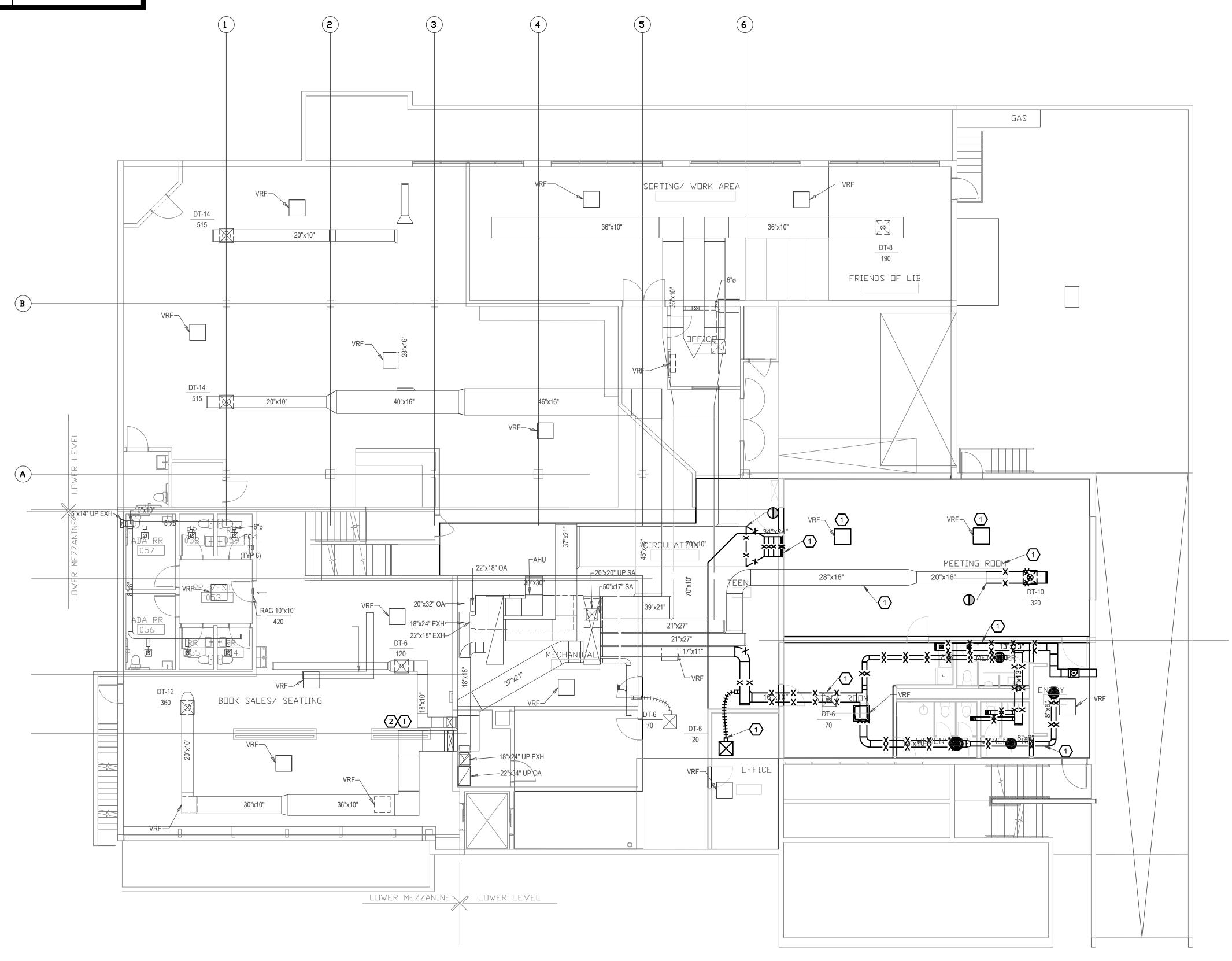
MECHANICAL CALCULATIONS

08/28/2023

BID SET

M003

DEMOLIT	TON KEY
EXISTING WORK (LIGHT)	
DEMOLITION (DARK)	—x—x—
POINT OF DEMOLITION	Ф



1 LOWER LEVEL AND LOWER MEZZANINE BASE BID DEMO PLAN - MECHANICAL



DEMOLITION GENERAL NOTES

- REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
- 2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED.
- 3. PROTECTION: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST AND DEBRIS. ENSURE THE SAFE PASSAGE OF PERSONS IN AND AROUND BUILDING DURING DEMOLITION. PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY. PROVIDE ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE. IMMEDIATELY REPAIR DAMAGED PROPERTY TO THE CONDITION BEFORE BEING DAMAGED. TAKE EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
- 4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM THE UTILITY COMPANY AND/OR OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
- 5. REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECT, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

DEMO KEYED NOTES

- REMOVE AND DISPOSE OF EXISTING EQUIPMENT, DUCTWORK, AND CONTROLS. COORDINATE EXTENT OF DEMOLITION WITH NEW WORK.
- 2 EXISTING THERMOSTAT TO BE REMOVED AND RELOCATED. SEE M1.02 FOR NEW LOCATION.

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PROJECT

Wenatchee Public Library Phase II Modernization

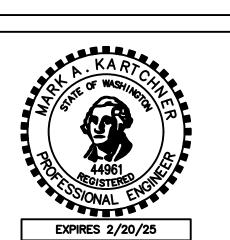
LOCATION

310 Douglas Street Wenatchee WA 98801 United States

PREPARED FOR

North Central
Washington Libraries

REVISION DATE NAME





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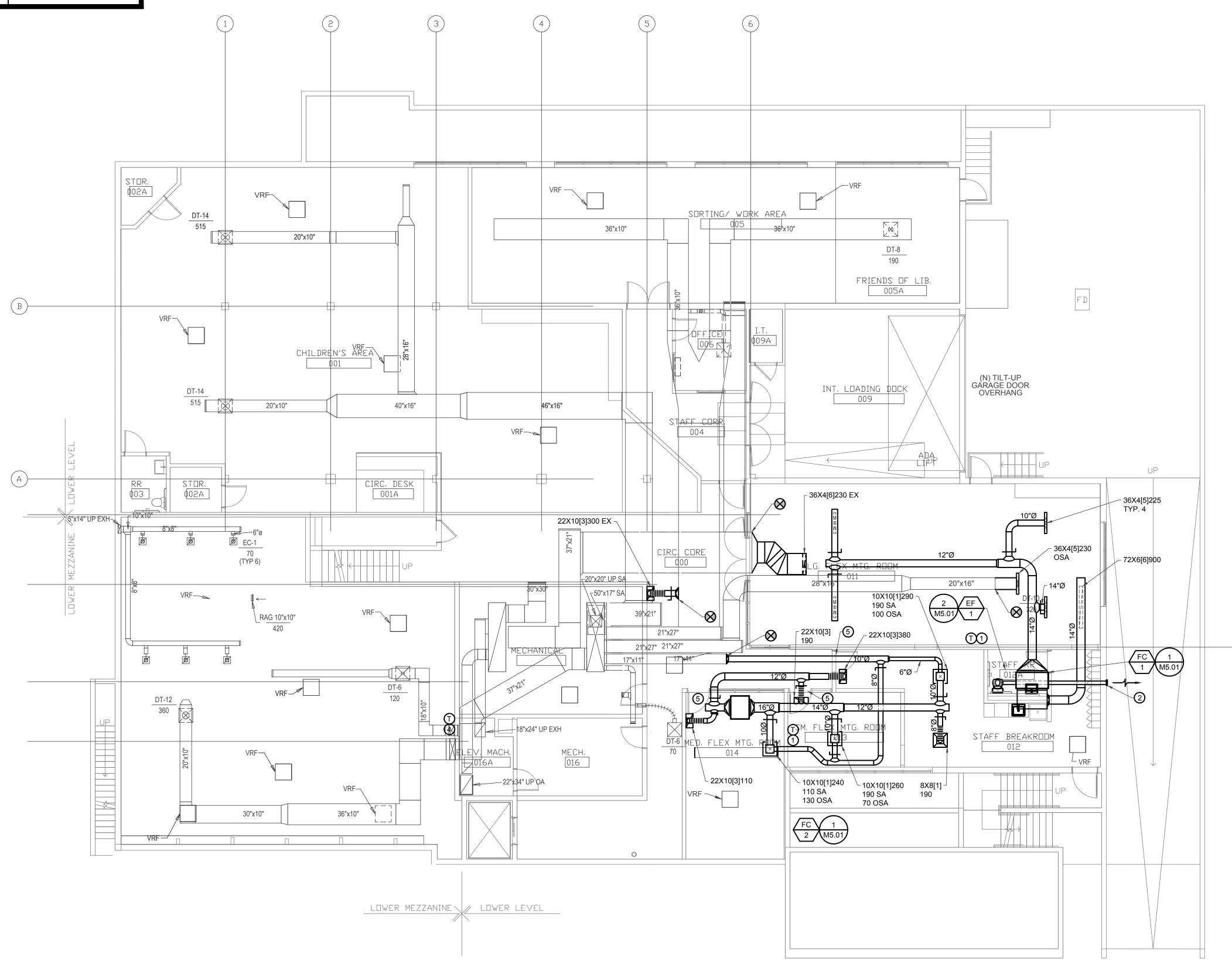
LOWER LEVEL AND LOWER MEZZANINE BASE BID DEMO PLAN - MECHANICAL

08/28/2023

BID SET

M101

NEW WORK KEY										
EXISTING WORK (LIGHT)										
NEW WORK (DARK)										
CONNECT NEW TO EXISTING	\otimes									



LOWER LEVEL AND LOWER MEZZANINE BASE BID PLAN - MECHANICAL



GENERAL NOTES

- 1. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
- 2. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL CODES IN ACCORDANCE WITH THE CURRENT INTERNATIONAL MECHANICAL CODE.
- 3. ALL NEW MATERIAL, METHODS, AND EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE BUILDING STANDARDS AS APPROVED BY THE OWNER.
- 4. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- 5. COORDINATE EXACT LOCATION OF DUCTWORK WITH EQUIPMENT, LIGHTING, PIPING, ETC..
- 6. BALANCE AIR SYSTEMS WITHIN 10% OF CAPACITIES LISTED.
- 7. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR OR OWNER PRIOR TO ANY CUTTING OF ROOF.
- 8. SOUND LINING IN DUCT IS INDICATED ON DRAWING WITH DASHED LINE INSIDE DUCT. DUCT SIZE SHOWN IS THE INSIDE OF THE DUCT AND DOES NOT ACCOUNT FOR 1" OF ADDITIONAL INTERNAL SOUND DUCT INSULATION

KEYED NOTES

- 7 DAY PROGRAMMABLE T-STAT W/ AUTO CHANGEOVER. MOUNT MAX 4' ABOVE FINISHED FLOOR TO MEET ADA REQUIREMENTS.
- 2 INSTALL EXHAUST OUTLET A MINIMUM OF 3FT FROM ANY OPERABLE OPENINGS.
- 3 PROVIDE AMERICAN ALDES CAR-II LOW FLOW REGULATOR.
- 4 RELOCATED THERMOSTAT.
- 5 PROVIDE 1" UNDER CUT ON DOOR TO ALLOW OUTSIDE AIR VENTILATION TO RETURN TO EXHAUST GRILLE.



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PROJECT

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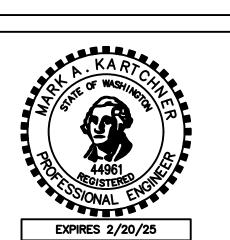
LOCATION

310 Douglas Street Wenatchee WA 98801 **United States**

PREPARED FOR

North Central Washington Libraries

REVISION DATE NAME





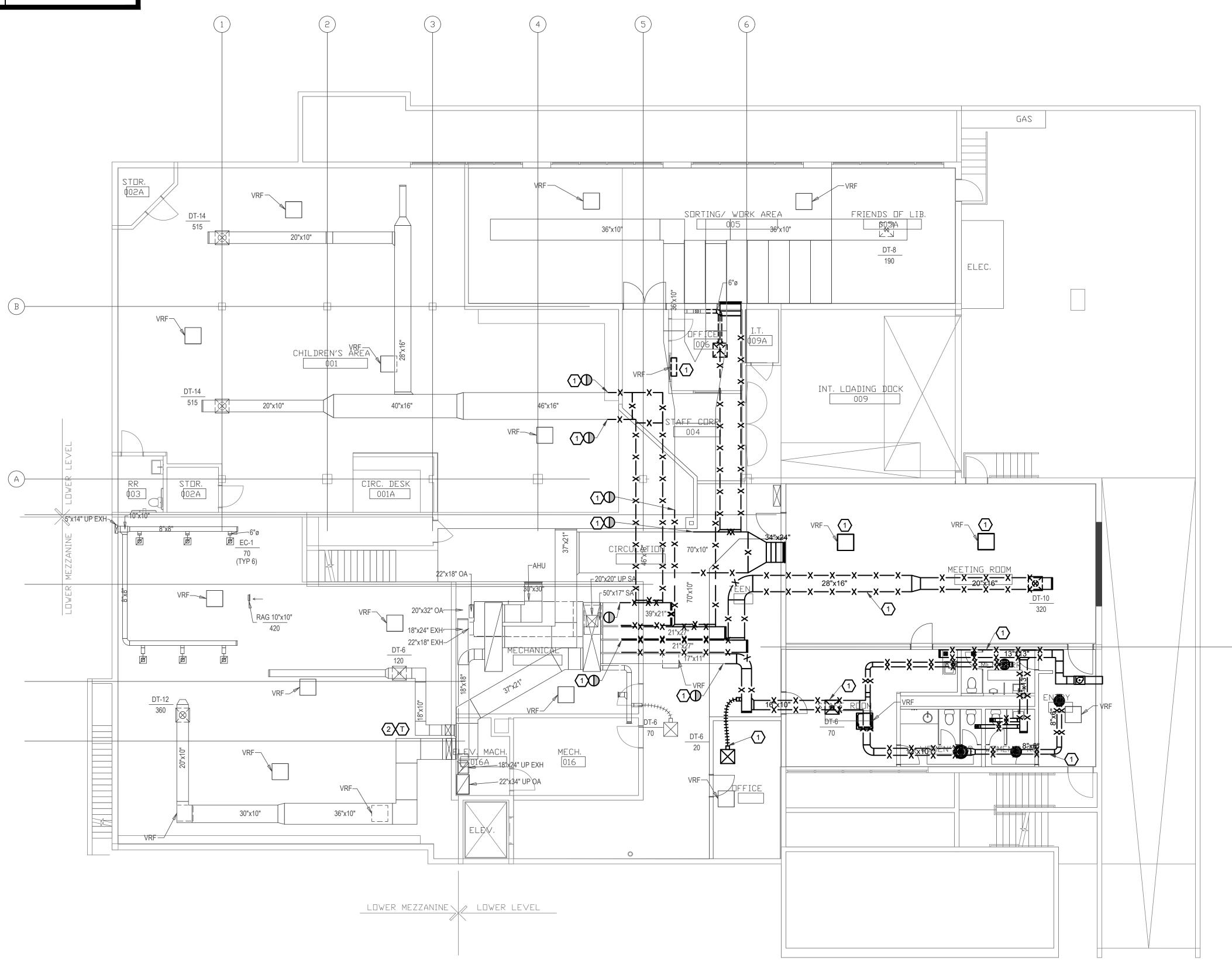
101 S. Stevens, Suite 201 Spokane, Washington, 99201 PH: 509-922-0383 www.kartchnerengineering.com

LOWER LEVEL AND LOWER **MEZZANINE BASE BID PLAN** - MECHANICAL

BID SET

M102

DEMOLIT	TON KEY
EXISTING WORK (LIGHT)	
DEMOLITION (DARK)	—x—x—
POINT OF DEMOLITION	Ф



1 LOWER LEVEL AND LOWER MEZZANINE ADD ALT DEMO PLAN - MECHANICAL



DEMOLITION GENERAL NOTES

- REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
- 2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED.
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- 4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM THE UTILITY COMPANY AND/OR OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
- 5. REMOVE AND DISPOSE OF EXISTING MECHANICAL EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECT, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

DEMO KEYED NOTES

REMOVE AND DISPOSE OF EXISTING EQUIPMENT, DUCTWORK, AND CONTROLS. COORDINATE EXTENT OF DEMOLITION WITH NEW WORK.



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PROJECT

Wenatchee Public Library Phase II Modernization

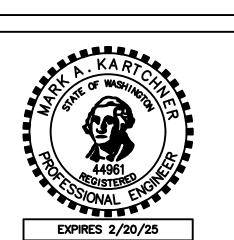
LOCATION

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PREPARED FOR

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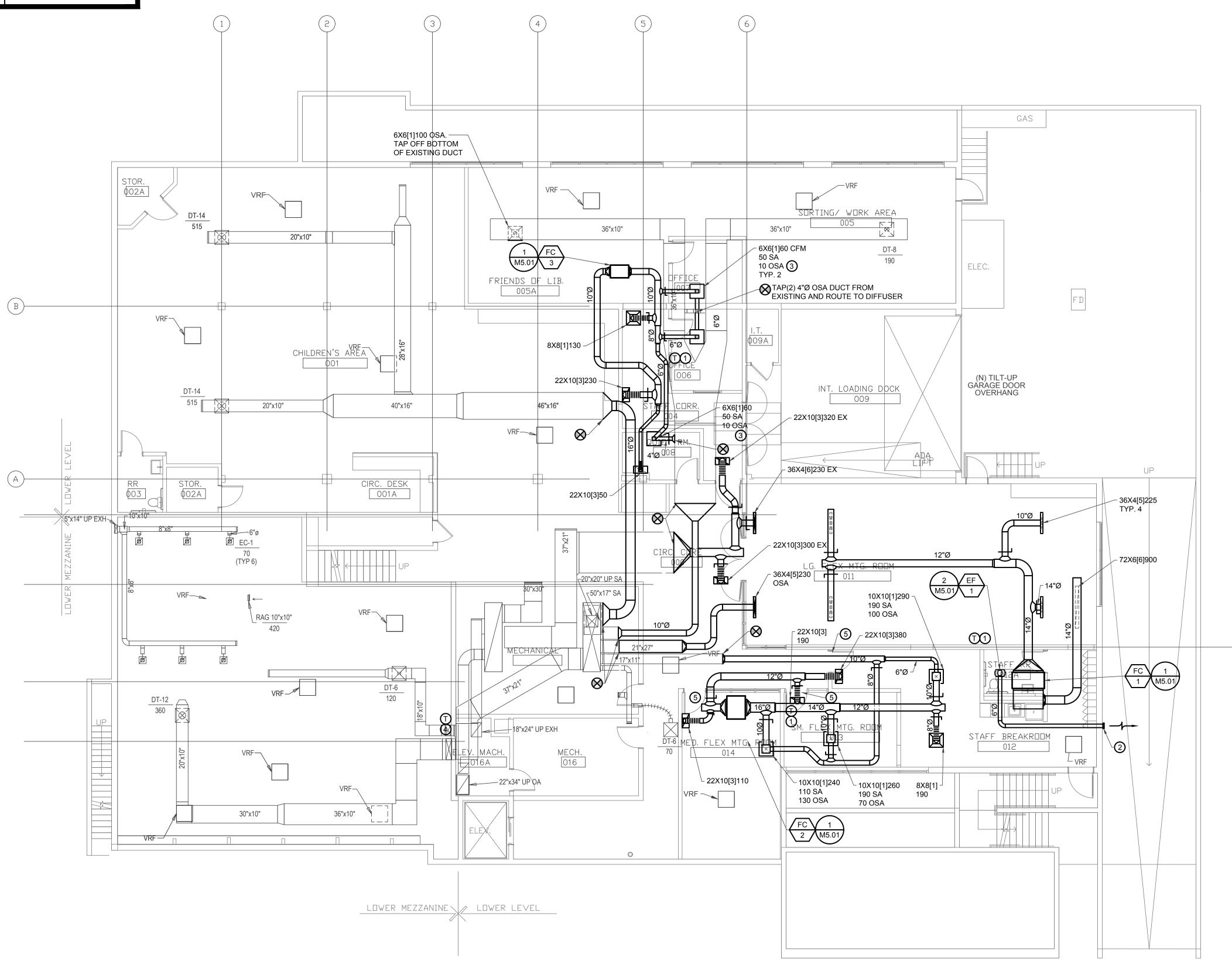
LOWER LEVEL AND LOWER
MEZZANINE ADD ALT DEMO
PLAN - MECHANICAL

08/28/2023

BID SET

M103

NEW WC	ORK KEY
EXISTING WORK (LIGHT)	
NEW WORK (DARK)	
CONNECT NEW TO EXISTING	\otimes



LOWER LEVEL AND LOWER MEZZANINE ADD ALT PLAN - MECHANICAL



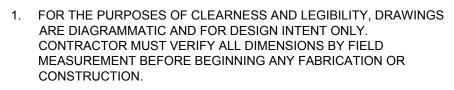
GENERAL NOTES

- ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
- 2. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL CODES IN ACCORDANCE WITH THE CURRENT
- INSTALLED IN STRICT ACCORDANCE WITH THE BUILDING STANDARDS AS APPROVED BY THE OWNER.
- ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- 6. BALANCE AIR SYSTEMS WITHIN 10% OF CAPACITIES LISTED.
- INTERNAL SOUND DUCT INSULATION

KEYED NOTES

- 2 INSTALL EXHAUST OUTLET A MINIMUM OF 3FT FROM ANY OPERABLE OPENINGS.
- 3 PROVIDE AMERICAN ALDES CAR-II LOW FLOW REGULATOR.
- 4 RELOCATED THERMOSTAT.
- 5 PROVIDE 1" UNDER CUT ON DOOR TO ALLOW OUTSIDE AIR VENTILATION TO RETURN TO EXHAUST GRILLE.







3. ALL NEW MATERIAL, METHODS, AND EQUIPMENT SHALL BE

4. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT

5. COORDINATE EXACT LOCATION OF DUCTWORK WITH EQUIPMENT, LIGHTING, PIPING, ETC..

7. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR OR OWNER PRIOR TO ANY CUTTING OF ROOF.

8. SOUND LINING IN DUCT IS INDICATED ON DRAWING WITH DASHED LINE INSIDE DUCT. DUCT SIZE SHOWN IS THE INSIDE OF THE DUCT AND DOES NOT ACCOUNT FOR 1" OF ADDITIONAL

- 7 DAY PROGRAMMABLE T-STAT W/ AUTO CHANGEOVER. MOUNT MAX 4' ABOVE FINISHED FLOOR TO MEET ADA REQUIREMENTS.

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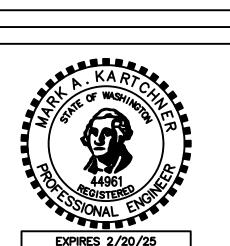
Wenatchee Public Library Phase II Modernization

310 Douglas Street Wenatchee WA 98801 **United States**

PREPARED FOR

North Central Washington Libraries

REVISION DATE NAME



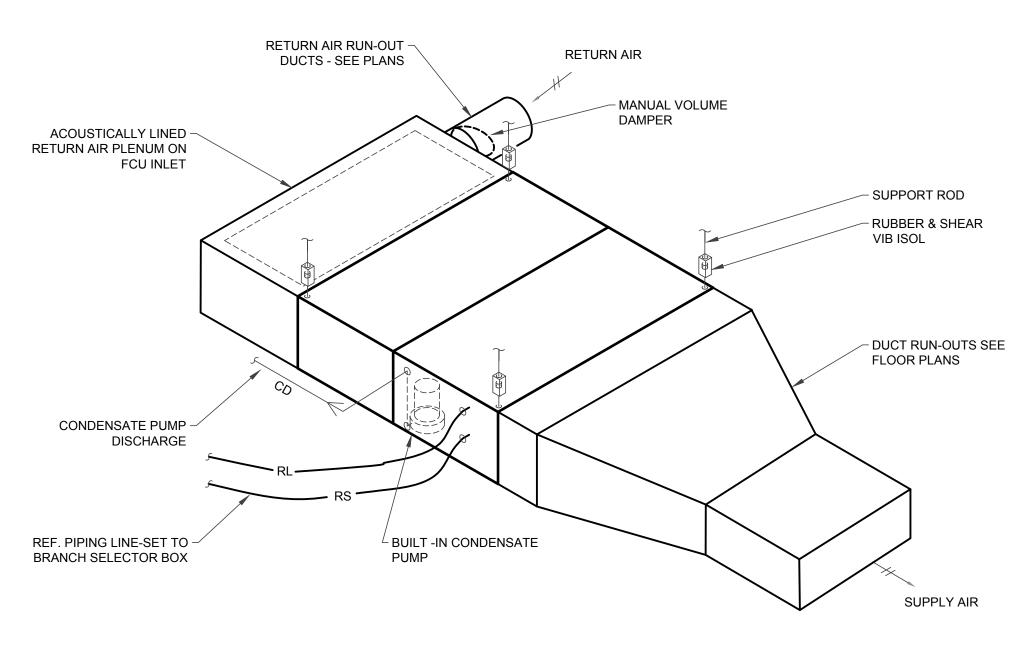


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LOWER LEVEL AND LOWER **MEZZANINE ADD ALT PLAN -MECHANICAL**

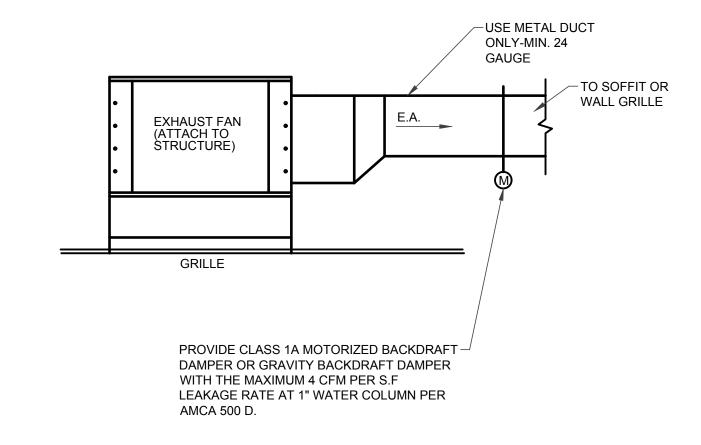
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M104

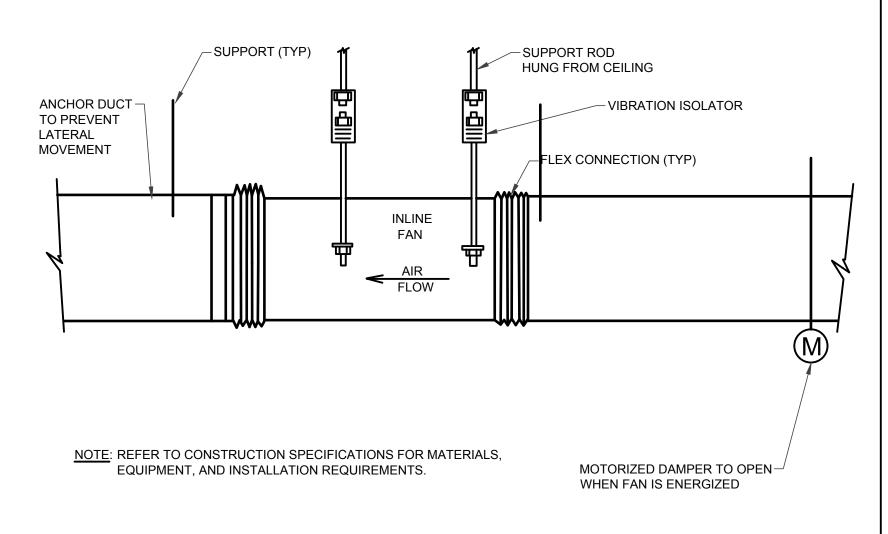


1 TYPICAL VRF HORIZONTAL CONCEALED INDOOR UNIT CONFIGURATION

SCALE: NOT TO SCALE



2 EXHAUST FAN DETAIL SCALE: NOT TO SCALE



3 INLINE FAN DETAIL
SCALE: NOT TO SCALE



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PROJECT

Wenatchee Public Library Phase II Modernization

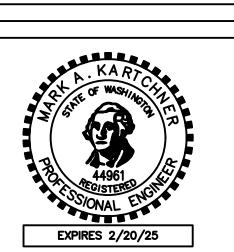
LOCATION

310 Douglas Street Wenatchee WA 98801 **United States**

PREPARED FOR

North Central Washington Libraries

REVISION DATE NAME





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MECHANICAL DETAILS

08/28/2023

BID SET

M501

	FAN COIL UNIT SCHEDULE																		
						SI	JPPLY FA	N	HEATING		COOLING					ELECTRICAL			
#	ROOM	MFG	MODEL	NOMINAL TONNAGE	CONNECTED TO	CFM	MAX E.S.P. ("W.C)	RPM MAX	CAPACITY (MBH)	ENTERING AIR (°F DB)	ENTERING AIR (°F DB)	ENTERING AIR (°F WB)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	VOLT/PHASE	MCA	MOCP	WEIGHT	NOTES
FC 1	-	DAIKIN	FXMQ36PBVJU	3.0	CONNECT TO EXISTING BS-2	1130	0.8	-	41492	68	78.8	65.5	34082	26944	208/1	2.9	15	101.4	1, 2, 3, 4, 5
FC 2	-	DAIKIN	FXMQ24PBVJU	2.0	CONNECT TO EXISTING BS-2	680	0.8	-	27000	68	78.8	65.5	24000	18800	208/1	1.6	15	77.0	1, 2, 3, 4, 5
FC 3	_	DAIKIN	FXSQ05TAVJU	0.5	CONNECT TO EXISTING BS-2	280	0.6	-	6790	68	78.8	65.5	5637	4581	208/1	0.8	15	55.0	1, 2, 3, 4, 5

- 1. PROVIDE UNIT WITH INTEGRAL DISCONNECT.
 2. PROVIDE UNIT WITH 30% FILTER.
 3. PROVIDE UNIT WITH DRIP PAN.
 4. PROVIDE WALL MOUNTED THERMOSTAT.

- 5. INTEGRATE CONDENSATE PUMP WITH FAN COIL.

	EXHAUST FAN SCHEDULE												
#	MFG	MODEL	SERVICE	DRIVE	CFM	ESP (")	FAN RPM	SONE LEVEL	MOTOR WATTS VOLTS PHASE AMPS		AMPS	NOTES	
EF 1	PANASONIC	FV-05-11VSK2	RESTROOMS	DIRECT	100	0.2	1164	0.7	13.1	120	1	0.2	1, 2, 3, INTERLOCK WITH OCCUPANCY SENSOR

- 1. GRAVITY BACKDRAFT DAMPER WITH THE MAXIMUM 40 CFM PER S.F. LEAKAGE RATE AT 1" WATER COLUMN PER AMCA 500 D.
- 2. PROVIDE DISCHARGE WALL CAP
- 3. PROVIDE FAN MOUNTED SPEED CONTROL
- 4. PROVIDE ECM MOTOR IF HP IS OVER 1/12 HP

	AIR OUTLET SCHEDULE											
TAG	MNUFACTURER	MODEL NO.	SERVICE	TYPE	MATERIAL	MOUNTING	BORDER	PATTERN	BLADE SPACING (INCH)	BLADE POSITION	BLADE DEFLECTION	NOTES
[1]	TITUS	MCD	SUPPLY	DIFFUSER	STEEL	LAY-IN	TYPE 3	4-WAY ADJUSTABLE	N/A	N/A	N/A	1, 2, 3, 4
[2]	TITUS	MCD	SUPPLY	DIFFUSER	STEEL	SURFACE	TYPE 1	4-WAY ADJUSTABLE	N/A	N/A	N/A	1, 2, 3
[3]	TITUS	350 RL	RETURN	GRILLE	STEEL	LAY-IN	TYPE 3	FIXED	3/4"	FRONT HORIZONTAL	35°	1, 2, 3, 4, 5
[4]	TITUS	350 RL	RETURN / EXHAUST	GRILLE	STEEL	SURFACE	TYPE 1	FIXED	3/4"	FRONT HORIZONTAL	35°	1, 2, 3
[5]	TITUS	CT-480	SUPPLY	BAR	ALUMINUM	DUCT	-	-	1/4"	N/A	N/A	1, 2, 3, 6
[6]	TITUS	CT-480	RETURN	BAR	ALUMINUM	DUCT	-	-	1/4"	N/A	N/A	1, 2, 3, 6

- COLOR TO BE MANUFACTURER STANDARD WHITE
 PROVIDE BALANCING DAMPER IN BRANCH DUCT SERVING AIR OUTLET AT TAKEOFF FROM TRUNK DUCT. (ADDITIONAL DAMPERS FOR SYSTEM BALANCING ARE SHOWN
- ON DRAWINGS) 3. PROVIDE SQUARE TO ROUND ADAPTER AS REQUIRED
- PROVIDE 24"X24" PAN FOR LAY-IN CEILING INSTALLATION AS REQUIRED (SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION)
 PROVIDE RETURN GRILLE WITHOUT SCREW HOLES FOR LAY-IN CEILING APPLICATION
- (SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION)

 6. PROVIDE OPPOSED BLADE DAMPER.

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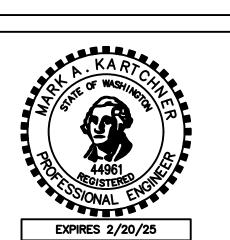
Wenatchee Public Library Phase II Modernization

310 Douglas Street Wenatchee WA 98801 **United States**

PREPARED FOR

North Central Washington Libraries

REVISION DATE NAME





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MECHANICAL SCHEDULES

08/28/2023

BID SET

PLUMBING LEGEND						
SYMBOL	DEFINITION	ABBREV.				
	- COLD WATER	CW				
	HOT WATER	HW				
	HOT WATER RETURN	HWR				
NP	NON-POTABLE COLD WATER	NPCW				
T	TEMPERED HOT WATER	THW				
CSW	COLD SOFT WATER	CSW				
HSW	HOT SOFT WATER	HSW				
LCW	LAB COLD WATER	LCW				
LHW	LAB HOT WATER	LHW				
180°	HOT WATER W/TEMP. INDICATED	-				
	HOT WATER HEAT TRACED	HTRHW				
RO	REVERSE OSMOSIS WATER	RO				
—— DI ——	DEIONIZED WATER	DI				
—— DW —	DISTILLED WATER	DW				
G	NATURAL GAS (BELOW 1PSI)	NG				
—— G(#PSI) ——	NATURAL GAS (ABOVE 1PSI)	NG(#PSI)				
——LPG——	LIQUID PROPANE GAS	LPG				
O	OXYGEN	0				
F	FIRE PROTECTION PIPING	FP				
ss	SANITARY SEWER (SITE)	SS				
PS	PUMPED SANITARY SEWER (SITE)	PS				
———SD——	STORM DRAIN (SITE)	SD				
-	- WASTE PIPING	W				
	VENT PIPING	V				
ARW-	ACID RESISTANT WASTE PIPING	ARW				
ARV	ACID RESISTANT VENT PIPING	ARV				
IW	INDIRECT WASTE PIPING	IW				
RWL	RAIN WATER LEADER PIPING	RWL				
OWL	OVERFLOW RAIN WATER LEADER PIPING	OWL				
CD	CONDENSATE DRAIN PIPING	CD				
—— GW —	GREASE WASTE PIPING	GW				
→O COTG	CLEAN OUT TO GRADE	COTG				
─O COTF	CLEAN OUT TO FLOOR	COTF				
→o wco	WALL CLEAN OUT	WCO				
	•					

	PLUMBING/PIPING SYMBOLS					
-10	ELBOW UP					
-1 9	ELBOW DOWN					
	TEE UP					
-131-	TEE DOWN					
\rightarrow	CONCENTRIC REDUCER/INCREASER					
4	ECCENTRIC REDUCER/INCREASER					
⊣ ⊢	UNION					
-101-	RISE/DROP IN PIPE					
।	RISE/DROP IN PIPE & 90° TURN					
	VENT THRU ROOF					
<u> </u>	CAP					
Ī	CLEAN-OUT (WALL)					
— 0	CLEAN-OUT (FLUSH TO FLOOR OR GRADE)					
•	FLOOR DRAIN					
— ©—	CIRCULATING PUMP (POINTS IN DIRECTION OF FLOW)					
─ ⋈─	VALVE (AS INDICATED OR SPECIFIED)					
-₹	CHECK VALVE					
⊸ ₹	PRESSURE & TEMPERATURE (RELIEF VALVE)					
À	PRESSURE REDUCING VALVE (POINTS TOWARDS LOW PRESSURE)					
	GAS VALVE					
S X	SOLENOID VALVE					
₽ T4	HOSE BIBB					
	CIRCUIT SETTER					
	VALVE BOX W/ VALVE (AS SPECIFIED)					
\otimes	CONNECTION TO EXISTING					
ightharpoons	EXTENSION & CONTINUATION					
	ADDITIONAL SYMBOLS					
###	SECTION DESIGNATION SHEET NUMBER					

DETAIL NUMBER
SHEET NUMBER

(#)

WSEC COMPLIANCE

- 1. WATER HEATING EQUIPMENT AND HOT WATER STORAGE TANKS SHALL MEET THE REQUIREMENTS OF SECTION C404.2 AND TABLE C404.2 OF THE WSEC.
- 2. DOMESTIC HOT WATER RE-CIRCULATION AND HEAT TRACE SYSTEMS SHALL MEET THE EFFICIENT HEATED WATER SUPPLY PIPING REQUIREMENTS OF SECTION C404.3 OF THE WSEC. PIPING SHALL BE INSTALLED TO COMPLY WITH C404.3.1 MAXIMUM ALLOWABLE PIPE LENGTH METHOD OR C404.3.2 MAXIMUM ALLOWABLE PIPE VOLUME METHOD.
- PROVIDE HEAT TRAP ON SUPPLY AND DISCHARGE PIPING FROM WATER HEATER AS REQUIRED IN SECTION C404.4 OF WSEC. RHEEM SP2003 OR EQUAL.
- 4. ELECTRIC WATER HEATERS LOCATED IN UNCONDITIONED SPACES OR ON CONCRETE FLOORS SHALL BE SEPARATED FORM THE SUPPORTING SURFACE WITH R-10 INSULATION AS DESCRIBED IN SECTION C404.5 OF THE WSEC.
- 5. PIPE INSULATION PER WSEC C404.6. FOR AUTOMATIC-CIRCULATING HOT WATER AND HEAT-TRACED SYSTEMS, PIPING SHALL BE INSULATED PER TABLE C403.10.3 AND NOT LESS THAN 1 INCH (25 MM) OF INSULATION HAVING A CONTROL OF CONTROL
- HEATED WATER CIRCULATING AND TEMPERATURE MAINTENANCE SYSTEMS
 SHALL BE INSTALLED TO COMPLY WITH SECTION C404.7.

 A. CIRCULATION SYSTEM SHALL BE ACTIVATED UPON INDICATION OF DEMAND
- AND SHUT OFF WHEN THE RETURN WATER TEMPERATURE IS SATISFIED.

 B. HEAT TRACE SYSTEM SHALL AUTOMATICALLY REGULATE ENERGY INPUT TO MAINTAIN THE SYSTEM TEMPERATURE WHEN HEATED WATER IS USED IN THE OCCUPANCY AND SHALL BE OFF WHEN THERE IS NO HOT WATER DEMAND.
- 7. PROVIDE RECORD DRAWINGS, OPERATING AND MAINTENANCE MANUALS, ENERGY CODE COMPLIANCE FORMS, AND SYSTEMS OPERATION TRAINING DOCUMENTS AS DESCRIBED IN SECTION C103.6.1 THROUGH C103.6.4 TO THE OWNER WITHIN 180 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE AS REQUIRED BY SECTION C103.6 OF THE WSEC.
- COMMISSIONING SHALL BE PROVIDED AND REPORT OF COMMISSIONING SHALL BE SUBMITTED TO THE OWNER AS REQUIRED BY SECTION C408.1 OF THE WSEC.
- . ABS PIPING MATERIAL NOT ALLOWED IN FIRE RATED PLENUMS PER WAC.

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ROJECT

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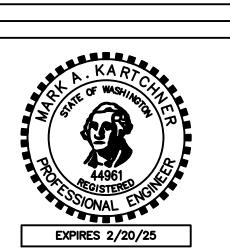
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310 Douglas Street Wenatchee WA 98801 United States

PREPARED FOR

North Central Washington Libraries

REVISION DATE NAME





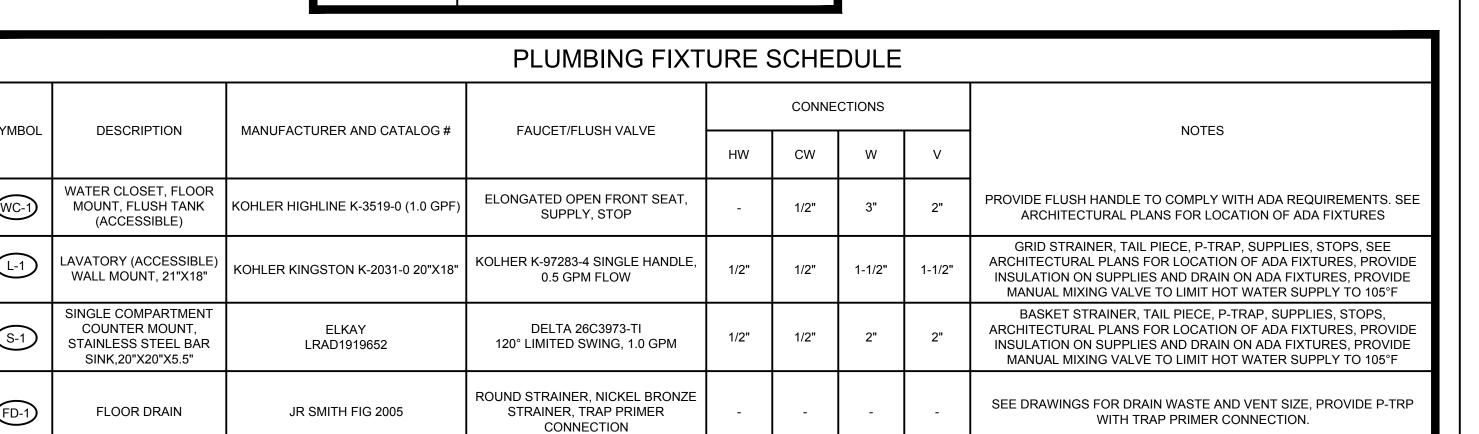
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PLUMBING NOTES, SYMBOLS, LEGENDS, & SCHEDULES

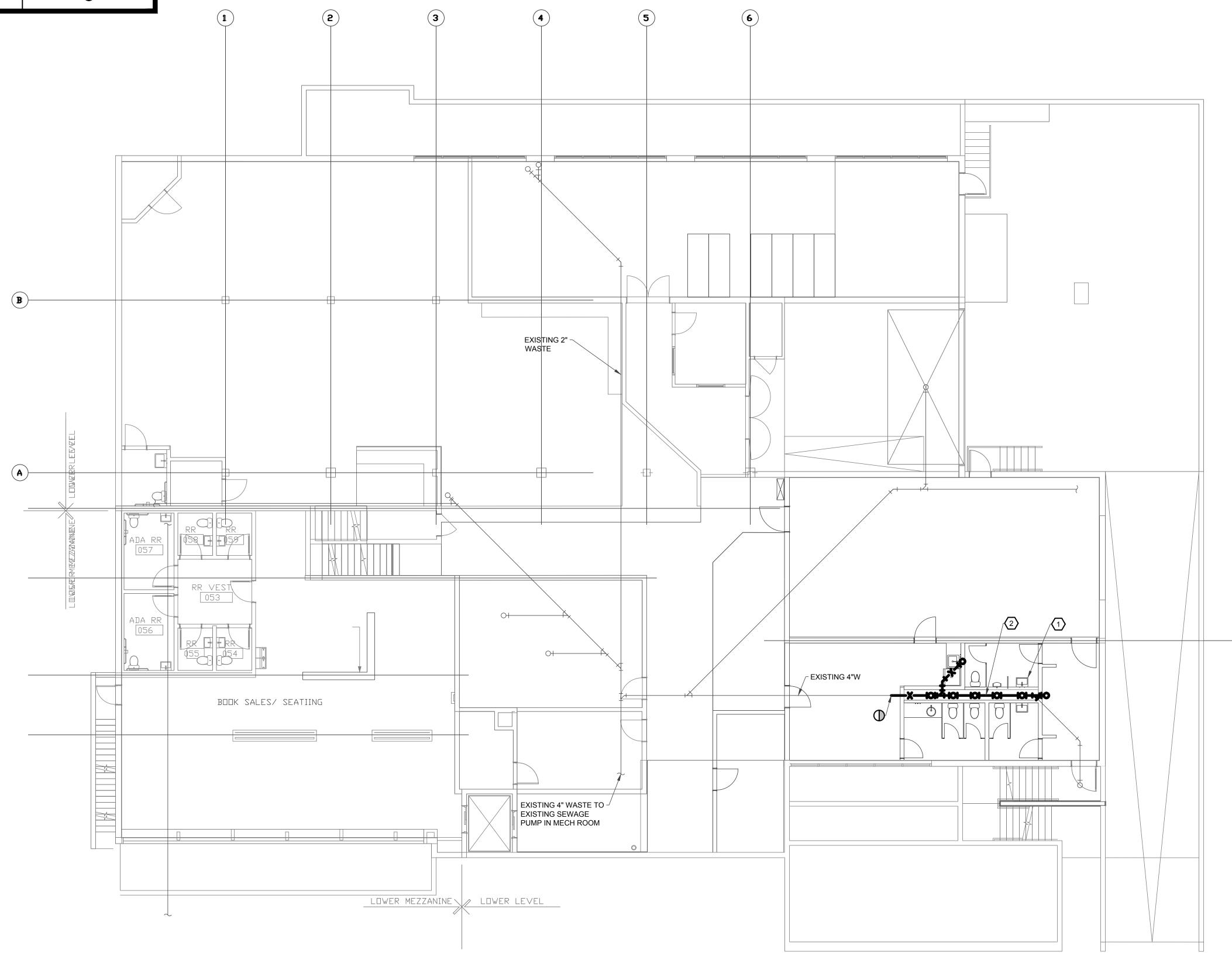
08/28/2023

BID SET

P001



DEMOLITION KEY					
EXISTING WORK (LIGHT)					
DEMOLITION (DARK)	—x—x—				
POINT OF DEMOLITION	Ф				



1 BASE BID FOUNDATION DEMO PLAN - PLUMBING



DEMOLITION GENERAL NOTES

- REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
- 2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED.
- 3. PROTECTION: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST AND DEBRIS. ENSURE THE SAFE PASSAGE OF PERSONS IN AND AROUND BUILDING DURING DEMOLITION. PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY. PROVIDE ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE. IMMEDIATELY REPAIR DAMAGED PROPERTY TO THE CONDITION BEFORE BEING DAMAGED. TAKE EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
- 4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM THE UTILITY COMPANY AND/OR OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
- 5. REMOVE AND DISPOSE OF EXISTING PLUMBING PIPING AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECT, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

DEMO KEYED NOTES

- REMOVE AND DISPOSE OF EXISTING PLUMBING. CAP WASTE, VENT, AND COLD WATER. COORDINATE EXTENT OF DEMOLITION WITH NEW WORK.
- 2 SAWCUT AS REQUIRED FOR DEMOLITION OF WASTE PIPING.



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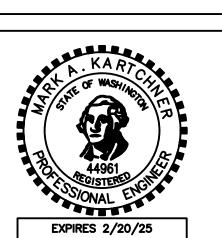
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PREPARED FOR

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REVISION DATE NAME





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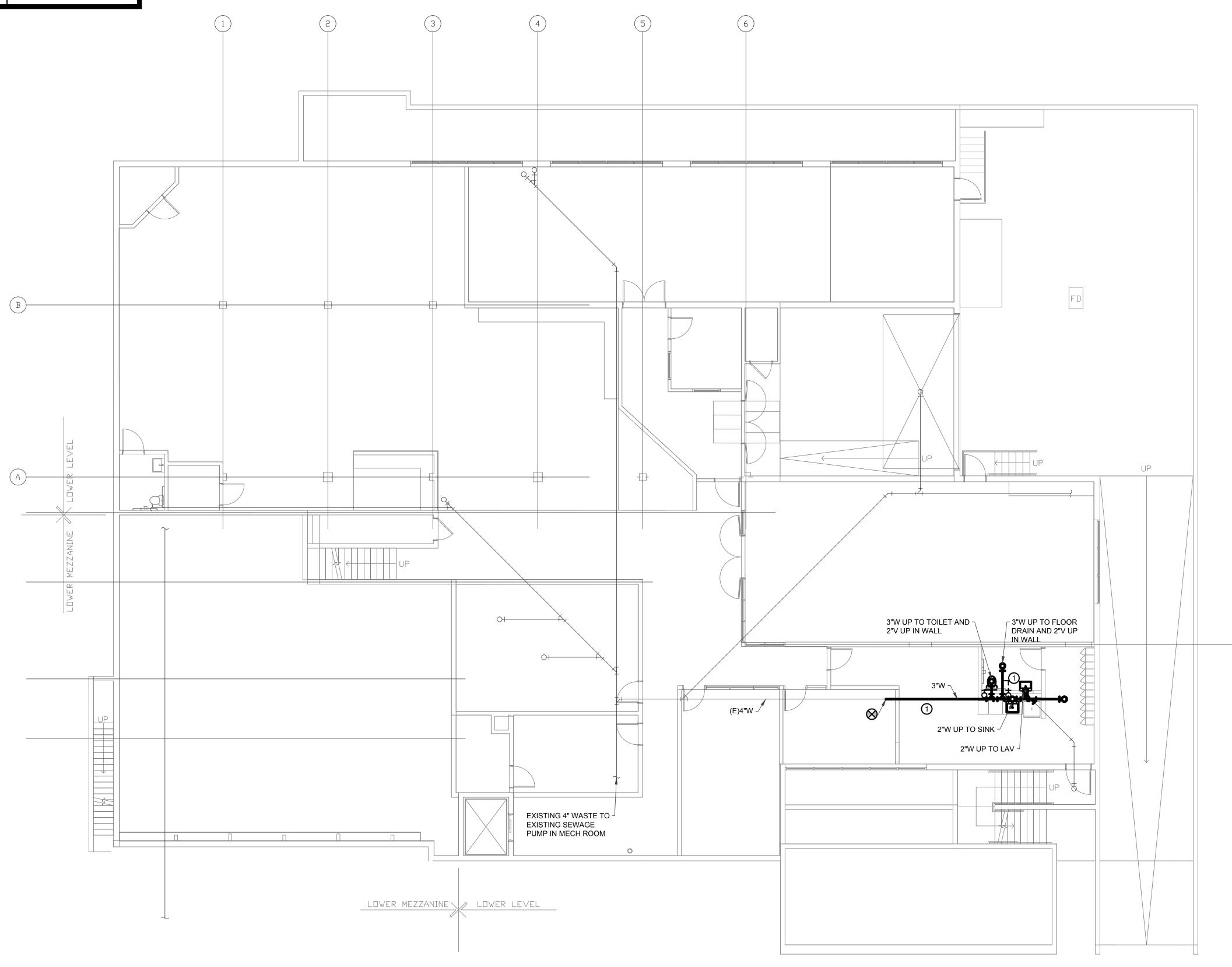
BASE BID FOUNDATION DEMO PLAN - PLUMBING

08/28/2

BID SET

P101

NEW WORK KEY					
EXISTING WORK (LIGHT)					
NEW WORK (DARK)					
CONNECT NEW TO EXISTING	\otimes				



BASE BID FOUNDATION PLAN - PLUMBING



GENERAL NOTES

- 1. SLOPE ALL SEWERS @ 1/4" PER FOOT UNLESS APPROVED BY LOCAL JURISDICTION. LINES 4" AND LARGER MAY BE SLOPED AT 1/8" PER FOOT UPON APPROVAL OF LOCAL JURISDICTION AND COMPLYING WITH REDUCED FIXTURE UNIT CAPACITY PER THE UPC.
- 2. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
- 3. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT STATE AND LOCAL PLUMBING CODES AND ORDINANCES.
- 4. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- 5. COORDINATE EXACT LOCATION OF PIPING WITH OTHER TRADES.
- 6. ALL VENT PIPING SHALL BE ABOVE FLOOD RIM LEVEL OF HIGHEST FIXTURE BEFORE CONNECTION TO COMMON VENTS.
- 7. HORIZONTAL DRAINAGE PIPE SHALL BE PROVIDED WITH A CLEANOUT AT ITS UPPER TERMINAL, AND EACH RUN OF PIPING, THAT IS MORE THAN 100' IN TOTAL DEVELOPED LENGTH. CLEANOUTS SHALL BE PROVIDED IN A DRAINAGE LINE FOR EACH AGGREGATE HORIZONTAL CHANGE OF DIRECTION EXCEEDING ONE HUNDRED THIRTY FIVE
- 8. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES OR PROVIDE FIRE RATED SEALS FOR NON-RATED PLASTIC PIPING PENETRATIONS OF RATED ASSEMBLIES AS REQUIRED. SEAL PER IBC 714.4.3, IBC 715, & IMC 602.2.2. DETAILS FOR ALL ASSEMBLY MUST BE SUBMITTED FOR APPROVAL.

KEYED NOTES

SAWCUT AS REQUIRED FOR INSTALLATION OF NEW WASTE PIPING. PATCH BACK.



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PROJECT

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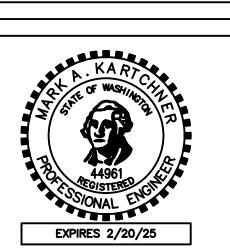
LOCATION

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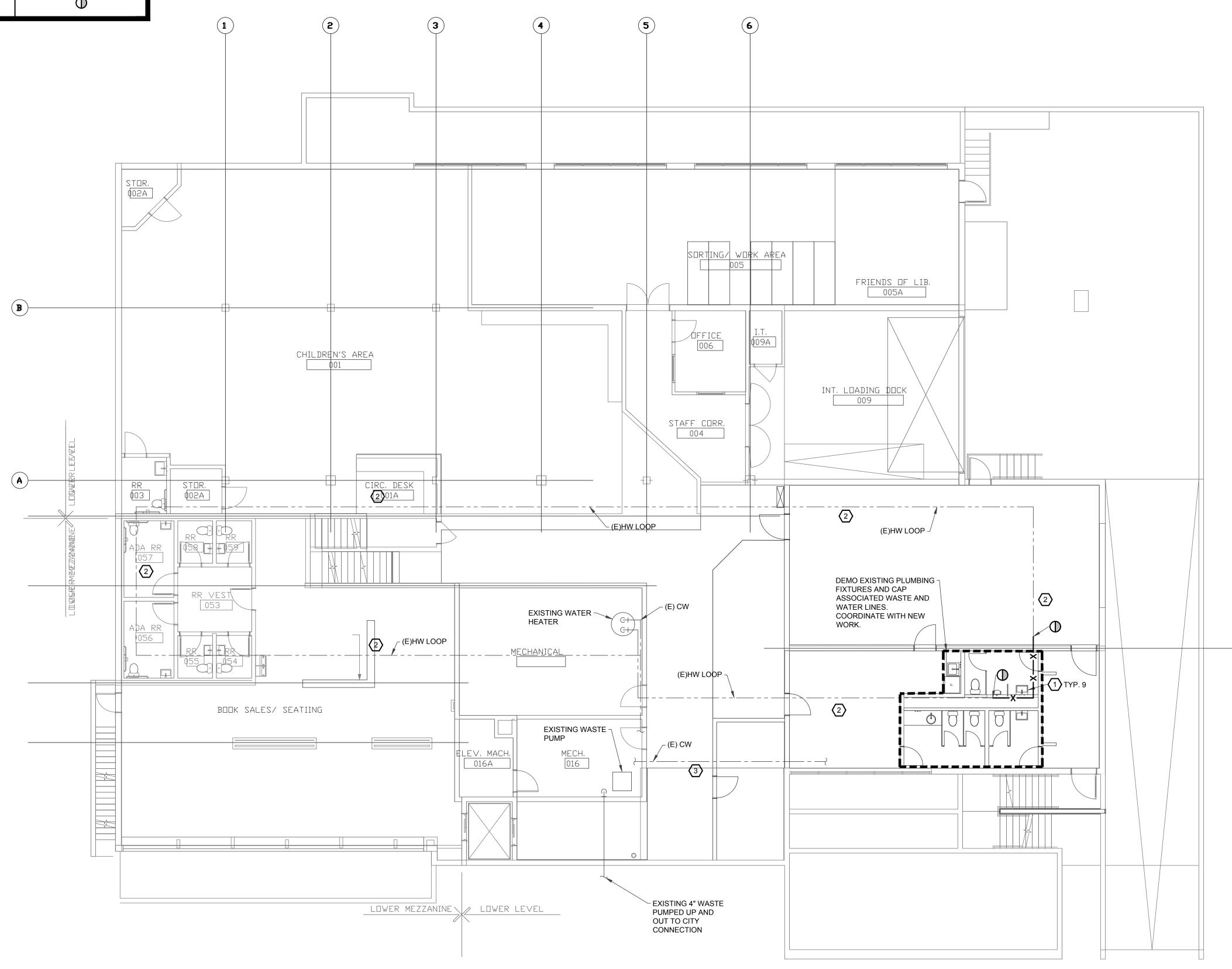
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BASE BID FOUNDATION PLAN PLUMBING

BID SET

P102

DEMOLITION KEY					
EXISTING WORK (LIGHT)					
DEMOLITION (DARK)	—x—x—				
POINT OF DEMOLITION	Ф				



1 BASE BID FLOOR DEMO PLAN - PLUMBING



DEMOLITION GENERAL NOTES

- REFER TO ALL DRAWINGS FOR COORDINATION BETWEEN DEMOLITION AND NEW WORK. COORDINATE DEMOLITION WORK WITH THAT OF OTHER TRADES.
- 2. COORDINATE SALVAGE AND REUSE OF EXISTING EQUIPMENT WITH OWNER. ITEMS OF VALUE WHICH ARE NOT DIRECTED TO BE RETURNED TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. STORAGE OR SALE OF ITEMS ON THE PROJECT SITE IS PROHIBITED.
- 3. PROTECTION: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, COVERING, AND SEALING EXISTING EQUIPMENT AND SURROUNDINGS DURING DEMOLITION FROM DIRT, DUST AND DEBRIS. ENSURE THE SAFE PASSAGE OF PERSONS IN AND AROUND BUILDING DURING DEMOLITION. PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY. PROVIDE ADEQUATE SHORING AND BRACING TO PREVENT COLLAPSE. IMMEDIATELY REPAIR DAMAGED PROPERTY TO THE CONDITION BEFORE BEING DAMAGED. TAKE EFFECTIVE MEASURES TO PREVENT DUST MIGRATION.
- 4. UTILITIES: MAINTAIN ALL UTILITIES EXCEPT THOSE REQUIRING REMOVAL OR RELOCATION. KEEP UTILITIES IN SERVICE AND PROTECT FROM DAMAGE. DO NOT INTERRUPT UTILITIES SERVING AREAS OUTSIDE OF PRESENT SCOPE WITHOUT FIRST OBTAINING PERMISSION FROM THE UTILITY COMPANY AND/OR OWNER. PROVIDE TEMPORARY SERVICES AS REQUIRED.
- 5. REMOVE AND DISPOSE OF EXISTING PLUMBING PIPING AND EQUIPMENT AS SHOWN, UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECT, AREAS OF DEMOLITION AROUND, ADJACENT, OR CONNECTED TO EXISTING MECHANICAL EQUIPMENT THAT IS TO REMAIN.

DEMO KEYED NOTES

- REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE. CAP WASTE, VENT, HOT WATER, AND COLD WATER. COORDINATE EXTENT OF DEMOLITION WITH NEW WORK.
- CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING HOT WATER LOOP PRIOR TO COMMENCEMENT OF ANY DEMO OR NEW WORK
- CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING COLD WATER LINES PRIOR TO COMMENCEMENT OF ANY DEMO OR NEW WORK.

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PROJECT

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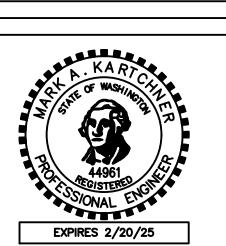
LOCATION

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PREPARED FOR

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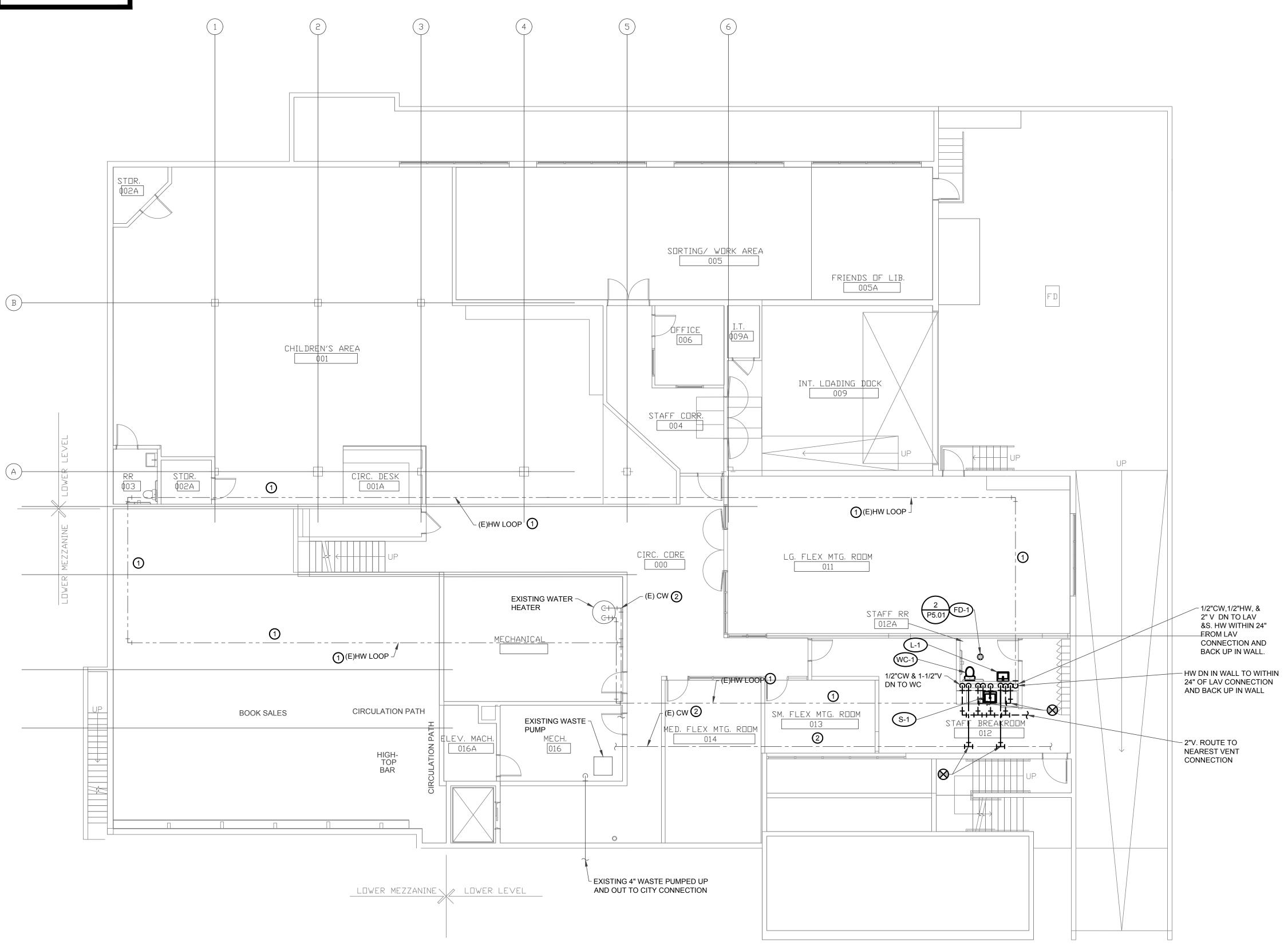
BASE BID FLOOR DEMO PLAN PLUMBING

08/28/2023

BID SET

P103

NEW WORK KEY					
EXISTING WORK (LIGHT)					
NEW WORK (DARK)					
CONNECT NEW TO EXISTING	\otimes				



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



GENERAL NOTES

- SLOPE ALL SEWERS @ 1/4" PER FOOT UNLESS APPROVED BY LOCAL JURISDICTION. LINES 4" AND LARGER MAY BE SLOPED AT 1/8" PER FOOT UPON APPROVAL OF LOCAL JURISDICTION AND COMPLYING WITH REDUCED FIXTURE UNIT CAPACITY PER THE UPC.
- 2. FOR THE PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE DIAGRAMMATIC AND FOR DESIGN INTENT ONLY. CONTRACTOR MUST VERIFY ALL DIMENSIONS BY FIELD MEASUREMENT BEFORE BEGINNING ANY FABRICATION OR CONSTRUCTION.
- 3. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE CURRENT STATE AND LOCAL PLUMBING CODES AND ORDINANCES.
- 4. CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- 5. COORDINATE EXACT LOCATION OF PIPING WITH OTHER TRADES.
- 6. ALL VENT PIPING SHALL BE ABOVE FLOOD RIM LEVEL OF HIGHEST FIXTURE BEFORE CONNECTION TO COMMON VENTS.
- 7. HORIZONTAL DRAINAGE PIPE SHALL BE PROVIDED WITH A CLEANOUT AT ITS UPPER TERMINAL, AND EACH RUN OF PIPING, THAT IS MORE THAN 100' IN TOTAL DEVELOPED LENGTH. CLEANOUTS SHALL BE PROVIDED IN A DRAINAGE LINE FOR EACH AGGREGATE HORIZONTAL CHANGE OF DIRECTION EXCEEDING ONE HUNDRED THIRTY FIVE DEGREES.
- 8. THE CONTRACTOR SHALL PROVIDE FIRE CAULKING AT ALL PIPING PENETRATIONS OF FIRE RATED ASSEMBLIES OR PROVIDE FIRE RATED SEALS FOR NON-RATED PLASTIC PIPING PENETRATIONS OF RATED ASSEMBLIES AS REQUIRED. SEAL PER IBC 714.4.3, IBC 715, & IMC 602.2.2. DETAILS FOR ALL ASSEMBLY MUST BE SUBMITTED FOR APPROVAL.

KEYED NOTES

- CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING HOT WATER LOOP PRIOR TO COMMENCEMENT OF ANY DEMO OR NEW WORK
- 2 CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING COLD WATER LINES PRIOR TO COMMENCEMENT OF ANY DEMO OR NEW WORK.

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PROJECT

Wenatchee Public Library Phase II Modernization

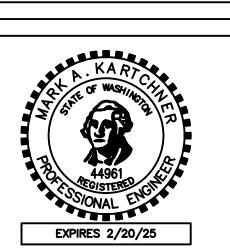
CATION

310 Douglas Street Wenatchee WA 98801 United States

PREPARED FOR

North Central
Washington Libraries

REVISION DATE NAME





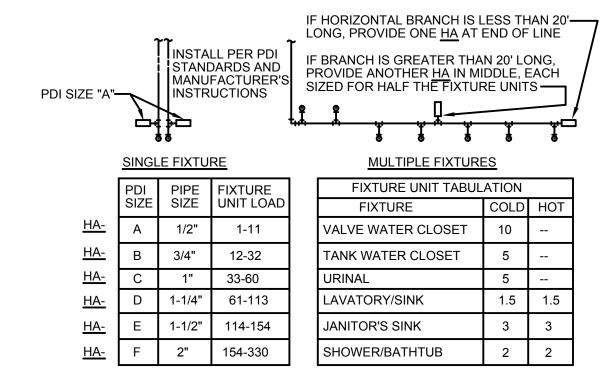
101 S. STEVENS, SUITE 201 SPOKANE, WASHINGTON, 99201 PH: 509-922-0383 WWW.KARTCHNERENGINEERING.COM

BASE BID FLOOR PLAN PLUMBING

08/28/2023

BID SET

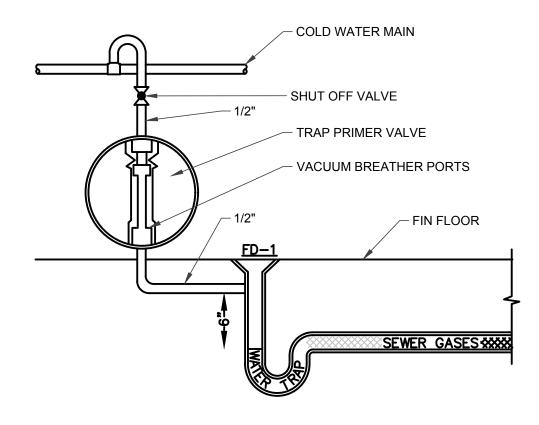
P104



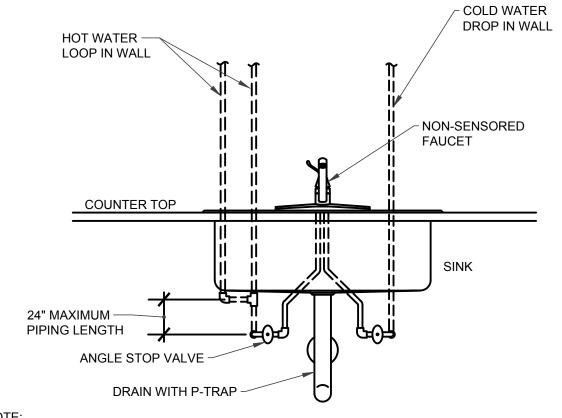
PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND 0-RING CONSTRUCTION, HAVING PDI #WH- 201, ASSE #1010 AND ANSI #A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE. PROVIDE ACCESS PANEL FOR SERVICING OR REPLACEMENT, WHERE REQUIRED.

| WATER HAMMER ARRESTOR DETAIL

SCALE: NOT TO SCALE



2 FLOOR DRAIN & TRAP PRIMER DETAIL SCALE: NOT TO SCALE



ALL EXPOSED PIPING AND VALVES TO BE HIDDEN BELOW SINK OR COUNTER TOP.

3 | LAVATORIAL | SCALE: NOT TO SCALE



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PROJECT

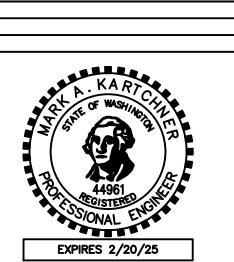
Wenatchee Public Library Phase II Modernization

310 Douglas Street Wenatchee WA 98801 **United States**

PREPARED FOR

North Central Washington Libraries

REVISION DATE NAME





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PLUMBING DETAILS

08/28/2023

BID SET

P501

RECEPTACLE SCHEDULE							
SYMBOL	DESCRIPTION	NOTES					
Ф	DUPLEX RECEPTACLE	NEMA 5-20R					
₩	DUPLEX RECEPTACLE - GFCI	NEMA 5-20R, GFCI					
0	JUNCTION BOX	REFERENCE DESIGN PLANS FOR ADDITIONAL INFORMATION.					
#	QUAD RECEPTACLE	(2)NEMA 5-20R					
#	QUAD RECEPTACLE - CONTROLLED	(2)NEMA 5-20R; WIRE SUCH THAT ONE DEVICE IS CONTROLLED BY RECEPTACLE CONTROL MODULE (RCM) AND ONE DEVICE IS UNSWITCHED. ON DEVICE THAT IS CONTROLLED, PROVIDE INDUSTRY STANDARD LABEL/ICON INDICATING CONTROLLED RECEPTACLE.					
#	QUAD RECEPTACLE - GFCI	(2)NEMA 5-20R, GFCI					
Ф	SIMPLEX RECEPTACLE	NEMA 5-20R					
Ф	SPECIAL RECEPTACLE	COORDINATE LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN.					
Ø	SPECIAL CONNECTION	NEMA CONFIGURATION AS NOTED ON PLANS					
UBSCRIPT NO	DTES:	·					

- SUBSCRIPT NOTES: USB: PROVIDE RECEPTACLE DEVICES WITH (2) 3.2A, USB-A CHARGING PORTS.
- C: CEILING MOUNTED

 2P: 2-POLE 3-WIRE CONNECTION

2P:	2-POLE, 3-WIRE CONNECTION
CR:	CORD REEL

FIRE ALARM SCHEDULE							
SYMBOL	DESCRIPTION	NOTE					
FAA	FIRE ALARM ANNUNCIATOR	EXISTING DEVICE.					
FACP	FIRE ALARM CONTROL PANEL	EXISTING NFS-320 NOTIFIER.					
H	HEAT DETECTOR	ADDRESSABLE, FIRE ALARM SYSTEM INITIATION DEVICE.					
\boxtimes	HORN/STROBE	MOUNT AT +86" AFF TO CENTER OF DEVICE, UNLESS OTHERWISE NOTED.					
⊙	MANUAL PULL STATION	MOUNT AT +44" AFF TO BOTTOM OF DEVICE, UNLESS OTHERWISE NOTED.					
(S)	SMOKE DETECTOR	ADDRESSABLE, FIRE ALARM SYSTEM INITIATION DEVICE.					

SUBSCRIPTS: c: CEILING MOUNTED

TELECOMMUNICATIONS SCHEDULE										
SYMBOL	DESCRIPTION	NOTES								
▼ T1	VOICE/DATA OUTLET, TOTAL OF 2-PORTS 1-PORT ACTIVE, 1-PORT BLANK, (1) CAT 6 CABLE	SUBSCRIPT DENOTES NUMBER OF ACTIVE PORTS								
▼	VOICE/DATA OUTLET, TOTAL OF 4-PORTS 2-PORTS ACTIVE, 2-PORTS BLANK, (2) CAT 6 CABLES	SUBSCRIPT DENOTES NUMBER OF ACTIVE PORTS								
▼ T3	VOICE/DATA OUTLET, TOTAL OF 4-PORTS 3-PORTS ACTIVE, 1-PORT BLANK, (3) CAT 6 CABLES	SUBSCRIPT DENOTES NUMBER OF ACTIVE PORTS								
▼	VOICE/DATA OUTLET, TOTAL OF 6-PORTS 4-PORTS ACTIVE, 2-PORTS BLANK, (4) CAT 6 CABLES	SUBSCRIPT DENOTES NUMBER OF ACTIVE PORTS								
WAP	WIRELESS ACCESS POINT, TOTAL OF 2-PORTS. 1-PORT ACTIVE, 1-PORT BLANK, (1) CAT-6 CABLE WITH RJ45 TERMINATIONS ON BOTH ENDS.	WIRELESS ACCESS POINT PROVIDED BY OWNER. PROVIDE CAT-6 CABLE WITH RJ45 MODULAR JACK AND SERVICE LOOP ABOVE ACCESSIBLE CEILING OR COILED IN JUNCTION BOX AT LOCATION OF WIRELESS ACCESS POINT (WAP) SHOWN. COORDINATE EXACT LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.								

ALL CABLES TO BE LABELED AND TERMINATED ON PATCH PANEL AT EQUIPMENT RACK LOCATION LOCATED IN 'DATA ROOM'. PROVIDE 10' SERVICE LOOP AT RACK WITH RJ45 TERMINATIONS. ALL CABLES TO BE TESTED FOR REQUIRED

SECURITY AND DOOR ACCESS SCHEDULE										
SYMBOL	SYMBOL DESCRIPTION NOTES									
	VIDEO SURVEILLANCE CAMERA	EXISTING CAMERA SALVAGED TO OWNER. REFERENCE PLANS FOR ADDITIONAL INFORMATION.								
CA	CARD ACCESS, PROXIMITY READER	PROVIDE ROUGH-IN AND 3/4"C TO ACCESSIBLE CEILING FOR ACCESS CONTROL READER.								
DC	DOOR POSITION INDICATOR SWITCH (DPIS).	PROVIDED WITH DOOR HARDWARE. ROUGH-IN AND 1/2"C FROM DOOR FRAME TO CEILING BY DIVISION 26.								
ES	ELECTRIC DOOR HARDWARE	ELECTRICAL LOCKING DEVICE AND POWER SUPPLY BY HARDWARE PROVIDER. PROVIDE 120V POWER, ROUGH-IN, AND PATHWAY BY DIVISION 26.								

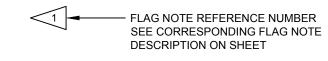
GENERAL NOTES

- "GENERAL NOTES" LISTED ON THIS COVER SHEET APPLY TO ALL DRAWINGS. "SHEET NOTES" ON EACH INDIVIDUAL SHEET APPLY TO THE SHEETS WHICH THEY ARE WRITTEN. "FLAG NOTES" APPLY ONLY WHERE CALLED OUT ON
- 2. CONTRACTOR SHALL PROVIDE CONDUIT AND WIRE FROM ALL CONTROL DEVICES TO LUMINAIRES FOR CONTROL OF LUMINAIRES SHOWN.
- 3. LUMINAIRES SHOWN ON DRAWINGS FOR QUANTITY AND CIRCUITING ONLY. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS.
- 4. ALL FEEDERS AND BRANCH CIRCUITS SHALL CONTAIN AN EQUIPMENT GROUND CONDUCTOR SIZED PER NEC TABLE 250.122. FEEDERS AND BRANCH CIRCUITS OVER 100A ARE BASED ON COPPER (CU) PER NEC TABLE 310.15(B)(16), USING 75 DEGREE AMPACITIES. FEEDERS 100A OR LESS USE 60 DEGRÉE C COLUMN.
- 5. BRANCH CIRCUIT CONDUCTORS, IF NOT OTHERWISE IDENTIFIED, SHALL BE A MINIMUM #12 AWG FOR RUNS 70 FEET OR LESS. AND A MINIMUM OF #10 AWG FOR RUNS GREATER THAN 70 FEET. QUANTITY AND SIZE SHALL BE "AS REQUIRED" TO SERVE AND CONTROL DEVICE(S) OR EQUIPMENT WITH A MAXIMUM VOLTAGE DROP OF THREE PERCENT. BRANCH CIRCUIT CONDUITS SHALL NOT CONTAIN MORE THAN THREE PHASE CONDUCTORS.
- 6. MINIMUM CONDUIT IN EXTERIOR AND UNDERGROUND LOCATIONS SHALL BE 1". MINIMUM CONDUIT FOR INTERIOR BRANCH CIRCUITS SHALL BE 3/4". CONDUITS FROM LUMINAIRES TO LOCAL USER CONTROL DEVICES (SWITCHES, OCCUPANCY SENSORS, ETC.) MAY BE 1/2" OR AS INDICATED IN SPECIFICATIONS.
- 7. PROVIDE ADDITIONAL CONDUCTOR FOR UNSWITCHED "HOT" TO LUMINAIRES WITH EMERGENCY POWER BATTERIES. PROVIDE AN ADDITIONAL UNSWITCHED "HOT" AND AN ADDITIONAL SWITCHED CONDUCTOR TO UL924 CONTROL MODULES OR GENERATOR TRANSFER DEVICES.
- WIRING FOR EMERGENCY LIGHTING CIRCUITS OR OTHER EMERGENCY EQUIPMENT SHALL BE KEPT ENTIRELY INDEPENDENT OF ALL OTHER WIRING, AND SHALL MEET REQUIREMENTS OF NEC 700.10.
- 9. WHERE EQUIPMENT PART NUMBERS ARE SHOWN ON THESE PLANS THEY SHALL SUPERCEDE THE REQUIREMENTS OF THE SPECIFICATIONS.
- 10. PROVIDE DEDICATED NEUTRAL CONDUCTORS FOR ALL CONVENIENCE POWER AND LIGHTING BRANCH CIRCUITS.
- 11. ALL CONDUCTORS SIZED #10 AND LARGER SHALL BE STRANDED. CONDUCTORS SIZED #12 AND SMALLER SHALL BE SOLID.
- 12. ALL 120V DUPLEX AND QUAD RECEPTACLES SHALL BE 20A RATED.

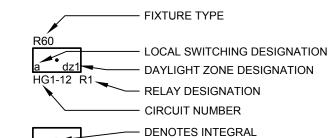
GENERAL SYMBOLS

DETAIL REFERENCE CALLOUT DETAIL NUMBER E7101 SHEET NUMBER

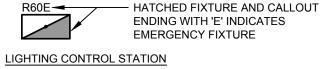
FLAG NOTE INDICATOR



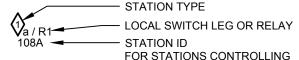
GENERAL FIXTURE ANNOTATIONS



EMERGENCY FIXTURE ANNOTATIONS



CONTROL DEVICE



LOADS IN RELAY PANELS ONLY CIRCUIT CALLOUT *ALL BRANCH CIRCUITS ARE TO BE

HG1-12 CIRCUIT NUMBER

2#12,1#12G UNLESS OTHERWISE NOTED

--- PANEL NAME **EQUIPMENT CONNECTION / CALLOUT**

> ■ EQUIPMENT CALLOUT

ELECTRICAL DISTRIBUTION PANELBOARD HG1 PANEL CALLOUT

ELECTRICAL DISTRIBUTION EQUIPMENT EQUIPMENT CALLOUT

DRY-TYPE TRANSFORMER

GROUNDING ELECTRODE

EQUIPMENT DISCONNECT SWITCH \Box

ONE-LINE CIRCUIT BREAKER

20/1 OCP / POLES (I.E. 20A, 1-POLE) ONE-LINE FUSED DISCONNECT/SWITCH

(I.E. 30A, 3-POLE) ONE-LINE PREPARED SPACE

→ 250 AF → FRAME SIZE (I.E. 250 AMP-FRAME) CONDUIT RISER, STUB UP/DOWN

→ VERTICAL RACEWAY /

ONE-LINE GENERATOR SET

NO / NC CONTACTS EMERGENCY POWER OFF (EPO) BUTTON 46 46

SHEET INDEX

ELECTRICAL LEGEND LIGHTING AND EQUIPMENT SCHEDULES E002 LOWER LEVEL - LIGHTING DEMOLITION PLAN LOWER LEVEL - ELECTRICAL DEMOLITION PLAN LOWER LEVEL - LIGHTING PLAN E201 LOWER LEVEL - ELECTRICAL PLAN ALTERNATE ENLARGED ELECTRICAL PLANS E601 POWER ONE-LINE DIAGRAM PANEL SCHEDULES E701 ELECTRICAL DETAILS

ABBREVIATIONS

AMERICANS WITH DISABILITIES ACT ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AUTHORITY HAVING JURISDICTION ALUMINUM AUDIO/VIDEO CIRCUIT BREAKER CONDUIT CONDUIT ONLY COPPER DDC DIRECT DIGITAL CONTROL SYSTEM DISC DISCONNECT DIV DIVISION EXISTING TO REMAIN EQUIPMENT GROUNDING CONDUCTOR **EMERGENCY** ELEC ELECTRIC(AL) EXT EXTERIOR FIRE ALARM FIRE/SMOKE DAMPER GROUNDING ELECTRODE CONDUCTOR GND GFCI GROUND FAULT CIRCUIT INTERRUPTER HORSEPOWER KILOWATT(S) KILOVOLT-AMPERE(S) kVA LUMEN(S) LIQUEFIED PETROLEUM GAS LUMENS PER WATT LIGHT(S), LIGHTING MAIN DISTRIBUTION FRAME MTD MOUNTED MVOLT MULTI-VOLT NATIONAL ELECTRICAL CODE NOT IN CONTRACT NIGHT LIGHT NTS NOT TO SCALE OWNER FURNISHED, CONTRACTOR INSTALLED OWNER FURNISHED, OWNER INSTALLED OCCUPANCY SENSOR POLYVINYL CHLORIDE PHOTOCELL SURGE PROTECTIVE DEVICE SPEC(S) SPECIFICATION(S) STAINLESS STEEL SUITABLE FOR USE AS SERVICE EQUIPMENT SUSE TYPICAL UG/E UNDERGROUND ELECTRICAL UNDERGROUND TELECOM UON UNLESS OTHERWISE NOTED

LINE TYPE LEGEND

WEATHERPROOF

WATT(S) TRANSFORMER

DEMOLITION	
EXISTING TO REMAIN	
NEW CONSTRUCTION	
OVERHEAD ELECTRICAL	 OH/E
OVERHEAD COMMUNICATIONS	 OH/T
UNDERGROUND ELECTRICAL	 UG/E —
UNDERGROUND COMMUNICATIONS	 UG/T —

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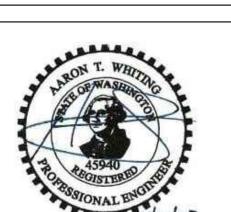
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PROJECT

Wenatchee Public Library Phase II Modernization

LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR North Central Washington Libraries





ELECTRICAL LEGEND

08/28/2023

BID SET

	CONTROL DEVICE SCHEDULE									
SYMBOL	DESCRIPTION	PRODUCT	NOTES / SOO							
FCM	EXHAUST FAN CONTROL MODULE	NLIGHT #NPP30PL (1) RELAY LOAD CONTROLLER	CONTROL MODULE TO SWITCH NEARBY EXHAUST FAN WITH LIGHTING CONTROL SYSTEM. CONNECT CONTROL MODULE TO LOCAL, DISTRIBUTED, LIGHTING CONTROL NETWORK VIA CAT-5E CABLING PER MANUFACTURER'S RECOMMENDATIONS. NETWORK CABLE HOMERUNS SHALL TERMINATE AT NEAREST NETWORK BRIDGE.							
BRDG	LIGHTING CONTROL NETWORK BRIDGE	EXISTING LIGHTING CONTROL NETWORK BRIDGE TO REMAIN. FOR REFERENCE ONLY.	REFER TO PLANS FOR ADDITIONAL INFORMATION.							
GTWY	LIGHTING CONTROL AREA CONTROLLER	EXISTING LIGHTING CONTROLLER TO REMAIN. FOR REFERENCE ONLY.	REFER TO PLANS FOR ADDITIONAL INFORMATION.							
♦	DIGITAL LIGHTING CONTROL STATION	NLIGHT #NPODM DX 1-POLE ON/OFF, RAISE/LOWER CONTROL STATION	PROVIDE ON/OFF, RAISE/LOWER FOR CONTROLLED LIGHTING ZONE AS INDICATED ON THE DRAWINGS. LOWER CASE LETTERS DENOTE ZONES TO BE CONTROLLED. SWITCHES WITHOUT ZONE DESIGNATIONS CONTROL A SINGLE ZONE IN THE SPACE IN WHICH THEY ARE INSTALLED.							
②	DIGITAL LIGHTING CONTROL STATION	NLIGHT #NPODM 2P DX 2-POLE ON/OFF, RAISE/LOWER CONTROL STATION	PROVIDE 2-POLE ON/OFF, RAISE/LOWER FOR CONTROLLED LIGHTING ZONE AS INDICATED ON THE DRAWINGS. LOWER CASE LETTERS DENOTE ZONES TO BE CONTROLLED. CONNECT CONTROL STATION TO LOCAL LIGHTING CONTROL NETWORK BUS VIA CAT-5E CABLE.							
\$	DIGITAL LIGHTING CONTROL STATION	EXISTING TO BE REMOVED.	REFER TO PLANS FOR ADDITIONAL INFORMATION.							
LDM1	LIGHT DIMMING MODULE	NLIGHT #NPP16D (1) RELAY AND (1) 0-10V CLASS 1 DIMMING OUTPUT	PROVIDE LIGHTING CONTROL/DIMMING MODULE TO CONTROL LIGHTING ZONES AS INDICATED. CONNECT LIGHTING CONTROL MODULE TO LOCAL DISTRIBUTED, DIGITAL LIGHTING CONTROL NETWORK VIA CAT-5E CABLING PER MANUFACTURERS RECOMMENDATIONS. CABLING TO BE PLENUM RATED. CONNECT LINE SIDE OF MODULE TO UNSWITCHED CIRCUIT, AND EXTEND LOAD SIDE SWITCHED CONDUCTORS AND CLASS 1 DIMMING CIRCUIT (2#16) TO LIGHTING ZONES AS INDICATED. NETWORK CABLE HOMERUNS SHALL TERMINATE AT NEAREST NETWORK BRIDGE.							
LDMV	LIGHT DIMMING MODULE - ELV/MLV	NLIGHT #NSP5-PCD (1) SECONDARY RELAY AND DIMMING PACK (ELV)	PROVIDE LIGHTING CONTROL/DIMMING MODULE TO CONTROL LIGHTING ZONES AS INDICATED. MODULE SUITABLE FOR ELECTRONIC LOW VOLTAGE AND MAGNETIC LOW VOLTAGE DIMMING LOADS. CONNECT LIGHTING CONTROL MODULE TO LOCAL DISTRIBUTED, DIGITAL LIGHTING CONTROL NETWORK VIA CAT-5E CABLING PER MANUFACTURER'S RECOMMENDATIONS. CABLING TO BE PLENUM RATED WHERE INSTALLED IN PLENUM SPACE. CONNECT LINE SIDE OF MODULE TO UNSWITCHED CIRCUIT, AND EXTEND LOAD SIDE SWITCHED CONDUCTORS TO LIGHTING ZONES AS INDICATED. NETWORK CABLE HOMERUNS SHALL TERMINATE AT NEAREST NETWORK BRIDGE.							
©	OCCUPANCY SENSOR	NLIGHT #NCM PDT CEILING-MOUNTED NETWORK OCCUPANCY SENSOR	PROVIDE DUAL TECHNOLOGY, NETWORK LEVEL OCCUPANCY SENSOR, CAPABLE OF DETECTING SMALL MOTION. OCCUPANCY SENSOR TO CONTROL ZONE(S) AS INDICATED BY LOWERCASE LETTERS. WHERE NO LETTER IS INDICATED, OCCUPANCY SENSOR TO CONTROL ALL ZONES IN THAT SPACE. CONNECT OCCUPANCY SENSOR TO DIGITAL LIGHTING CONTROL NETWORK VIA CAT-5E NETWORK CABLE. OCCUPANCY SENSORS SHALL BE CONFIGURED TO OPERATE IN 'VACANCY' MODE: MANUAL ON / AUTO OFF.							
<u> </u>	OCCUPANCY SENSOR - WALL MOUNTED	NLIGHT #NCM PDT WALL-MOUNTED NETWORK OCCUPANCY SENSOR	PROVIDE DUAL TECHNOLOGY, NETWORK LEVEL OCCUPANCY SENSOR, CAPABLE OF DETECTING SMALL MOTION. OCCUPANCY SENSOR TO CONTROL ZONE(S) AS INDICATED BY LOWERCASE LETTERS. WHERE NO LETTER IS INDICATED, OCCUPANCY SENSOR TO CONTROL ALL ZONES IN THAT SPACE. CONNECT OCCUPANCY SENSOR TO DIGITAL LIGHTING CONROL NETWORK VIA CAT-5E NETWORK CABLE.							
\$	LINE VOLTAGE WALL SWITCH		LOWERCASE LETTER SUBSCRIPTS INDICATE NUMBER OF POLES/BUTTONS. EACH LETTER REPRESENTS A ZONES OF CONTROL (I.E. SUBSCRIPT 'ab' INDICATES A 2-POLE, 2-BUTTON WALL SWITCH)							
+	OCCUPANCY SENSOR WALL SWITCH	SENSOR SWITCH #WSX-D (FOR SINGLE ZONE DIMMING) #WSX (FOR 2-ZONES OR BI-LEVEL DIMMING)	PROVIDE LINE-VOLTAGE WALL SWITCH OCCUPANCY SENSOR WITH 0-10V DIMMING CAPABILITY. CONNECT UNSWITCHED HOT TO LINE SIDE OF DEVICE AND EXTEND SWITCH LEG AND 0-10V DIMMING CIRCUIT TO LUMINAIRES IN THE ROOM.							

REFER TO DEMOLITION PLANS FOR ADDITIONAL INFORMATION ON EXISTING DEVICES.

	MECHANICAL EQUIPMENT SCHEDULE											
CALLOUT	EQUIPMENT DESCRIPTION	VOLTAGE	LOAD TYPE	OCP	AMPS	CONDUIT & WIRE	CONNECTION TYPE	DISCONNECT DESCRIPTION	DISC NEMA RATING	DISC BY	CIRCUIT	NOTES
EF-1	EXHAUST FAN	120V 1P 2W	MOTOR: 0.02 KVA	20/1	0.2	3/4"C,2#12,#12G	HARDWIRED	MOTOR RATED TOGGLE SWITCH	N/A	DIV 26	M1(R)-51	CIRCUIT EXHAUST FAN WITH LIGHTS BY WAY OF AUTOMATIC LIGHTING CONTROL UTILIZING A MOTOR CONTROL MODULE. REFERENCE POWER PLAN AND LIGHTING CONTROL SCHEDULE.
FC-1	FAN COIL	208V 2P 2W	MOTOR: 0.61 KVA	15/2	2.91	3/4"C,2#12,#12G	HARDWIRED	2-POLE MOTOR RATED TOGGLE SWITCH	N/A	DIV 26	M1(R)-41,43	PROVIDE ADDITIONAL CONNECTION TO ASSOCIATED CONDENSATE PUMP. MAKE CONNECTIONS TO ASSOCIATED EXISTING BRANCH SELECTOR AND COORDINATE EXACT REQUIREMENTS WITH MECHANICAL.
FC-2	FAN COIL	208V 2P 2W	MOTOR: 0.33 KVA	15/2	1.6	3/4"C,2#12,#12G	HARDWIRED	2-POLE MOTOR RATED TOGGLE SWITCH	N/A	DIV 26	M1(R)-45,47	PROVIDE ADDITIONAL CONNECTION TO ASSOCIATED CONDENSATE PUMP. MAKE CONNECTIONS TO ASSOCIATED EXISTING BRANCH SELECTOR AND COORDINATE EXACT REQUIREMENTS WITH MECHANICAL.
FC-3	FAN COIL	208V 2P 2W	MOTOR: 0.17 KVA	15/2	0.8	3/4"C,2#12,#12G	HARDWIRED	2-POLE MOTOR RATED TOGGLE SWITCH	N/A	DIV 26	M1(R)-37,39	PROVIDE ADDITIONAL CONNECTION TO ASSOCIATED CONDENSATE PUMP. MAKE CONNECTIONS TO ASSOCIATED EXISTING BRANCH SELECTOR AND COORDINATE EXACT REQUIREMENTS WITH MECHANICAL.

	KITCHEN EQUIPMENT SCHEDULE										
CALLOUT	EQUIPMENT DESCRIPTION	VOLTAGE	LOAD TYPE	OCP	AMPS	CONDUIT & WIRE	CONNECTION TYPE	DISCONNECT DESCRIPTION	DISC BY	CIRCUIT	NOTES
DW	DISHWASHER	120V 1P 2W	KITCHEN: 1 KVA	20/1	8.33	3/4"C,2#12,#12G	RECEPTACLE	NEMA 5-20R	DIV 26	B (R)-18	PROVIDE GFCI TYPE CIRCUIT BREAKER WITH 6mA TRIP.
MW	MICROWAVE	120V 1P 2W	KITCHEN: 1.5 KVA	20/1	12.5	3/4"C,2#12,#12G	RECEPTACLE	NEMA 5-20R	DIV 26	B (R)-24	PROVIDE GFCI TYPE CIRCUIT BREAKER WITH 6mA TRIP.
REF	REFRIGERATOR	120V 1P 2W	KITCHEN: 1 KVA	20/1	8.33	3/4"C,2#12,#12G	RECEPTACLE	NEMA 5-20R	DIV 26	B (R)-14	PROVIDE GFCI TYPE CIRCUIT BREAKER WITH 6mA TRIP.

EXISTING LUMINAIRE SCHEDULE									
CALLOUT	SYMBOL	LAMP	DESCRIPTION	DRIVER	MOUNTING	NOTES			
E3	0	LED, 3500K	EXISTING 4" LED DOWNLIGHT	120/277V, ELECTRONIC	RECESSED	EXISTING TO BE PROTECTED IN PLACE OR RELOCATED WHERE NOTED. REFERENCE PLANS FOR ADDITIONAL INFORMATION.			
E5	$\overline{\cdot}$	LED, 3500K	EXISITNG 2X2 TROFFER	120/277V, ELECTRONIC	RECESSED	EXISTING TO BE PROTECTED IN PLACE OR RELOCATED WHERE NOTED. REFERENCE PLANS FOR ADDITIONAL INFORMATION.			
E6	·	LED, 3500K	EXISTING LED 2x2 ARCHITECTURAL RECESSED TROFFER	120/277V, ELECTRONIC	RECESSED	EXISTING TO BE PROTECTED IN PLACE OR RELOCATED WHERE NOTED. REFERENCE PLANS FOR ADDITIONAL INFORMATION.			
EW	-	LED, 3500K	EXISTING 2FT LED VANITY	ELECTRONIC	WALL	EXISTING TO BE PROTECTED IN PLACE OR RELOCATED WHERE NOTED. REFERENCE PLANS FOR ADDITIONAL INFORMATION.			
EWS	Ю	LED, 3500K	EXISTING LED WALL PACK	ELECTRONIC	WALL	EXISTING TO BE PROTECTED IN PLACE OR RELOCATED WHERE NOTED. REFERENCE PLANS FOR ADDITIONAL INFORMATION.			
EX1	⊗	LED	EXISTING LED EMERGENCY EXIT SIGN	ELECTRONIC	UNIVERSAL	EXISTING TO BE PROTECTED IN PLACE OR RELOCATED WHERE NOTED. REFERENCE PLANS FOR ADDITIONAL INFORMATION.			

			LUM	IINAIRE	SCHED	ULE			
TYPE	SYMBOL	MFGR & CATALOG NUMBER	DRIVER	MOUNTING	LIGHT SOURCE	LUMEN OUTPUT	INPUT WATTS	LUMENS/ WATT	NOTES
D6		AXIS LIGHTING #TB4DILED 600 400 80 35 BW 1.5M 6 AP UNV DP 1 CA(##)	ELEC 120-277V, 0-10V DIMMING	SUSPENDED	LED, 3500K	6000 LM	54W	112	4" x 6' LINEAR PENDANT WITH INDIRECT/DIRECT DISTRIBUTION, EXTRUDED ALUMINUM HOUSING, AND SOFT GLOW LENS. MOUNT SUCH THAT BOTTOM OF PENDANT ALIGNS WITH BOTTOM OF ACCOUSTICAL BAFFLE.
D6E		AXIS LIGHTING #TB4DILED 600 400 80 35 BW 1.5M 6 AP UNV DP 1 CA(##) B1	ELEC 120-277V, 0-10V DIMMING	SUSPENDED	LED, 3500K	6000 LM	54W	112	4" x 6' LINEAR PENDANT WITH INDIRECT/DIRECT DISTRIBUTION, EXTRUDED ALUMINUM HOUSING, AND SOFT GLOW LENS. MOUNT SUCH THAT BOTTOM OF PENDANT ALIGNS WITH BOTTOM OF ACCOUSTICAL BAFFLE. PROVIDE WITH INTEGRAL UL-924 SELF TESTING BATTERY SUPPLY FOR 90 MINUTES OF OPERATION.
DL	0	PRESCOLITE #LF6SL-6LFSL-15L-35K-8-FL35-B24	120/277V, ELECTRONIC	RECESSED	LED, 3500K	1451 LM	19.2W	91	6" LED DOWNLIGHT
P01	0	ACCORD LIGHTING CONICA #1151 E 26 *	120-277V, DIMMING	PENDANT	(1) 75W MAXLITE E26 LED REPLACEMENT LAMP, 3500K	1100 LM	12W	92	SMALL LED 8" X 6" CYLINDRICAL PENDANT. VERIFY FINISH COLOR WITH ARCHITECT PRIOR TO ORDERING. CONFIRM EXACT MOUNTING HEIGHT WITH ARCHITECT.
R04		AXIS LIGHTING WALL WASH PERFEKT #WWR SL 500 80 35 MAL 4' W UNV DP 1 TB##	ELEC 120-277V, 0-10 DIMMING	RECESSED	LED, 3500K	2000 LM	24W	83	4-FOOT, 2-INCH APERTURE LINEAR WALL WASH RECESSED LED FIXTURE, FLUSH LENS. T-BAR CEILING INSTALLATION.
T01	∀	JUNO #R600L G2TBD 35K 80CRI PDIM VBS WH TRACK: TRACKMASTER T SERIES	ELEC 120V, ELV DIMMING	TRACK (JUNO TRAC-MASTER), SURFACE, HEIGHT PER ARCHITECTURA		969 LM	15W	63	LED TRACK HEAD. PROVIDE TRACK CONFIGURATION SHOWN ON DRAWINGS. PROVIDE ALL HARDWARE AND ACCESSORIES FOR COMPLETE ASSEMBLY (POWER FEEDS, END CAPS, SUSPENSIONS, ETC.). PROVIDE 1 AMP CURRENT LIMITING DEVICE FOR EACH SECTION OF TRACK; BASIS OF DESIGN:
X1	8	LITHONIA #LQM S W 3 G MVOLT EL N	ELECTRONIC	UNIVERSAL	LED	N/A	2W	N/A	LED EXIT LIGHT. SEE PLANS FOR CHEVRON ORIENTATION
X2	8	LITHONIA #LQM S W 3 G MVOLT EL N	ELECTRONIC	UNIVERSAL	LED	N/A	2W	N/A	LED EMERGENCY EXIT SIGN - 2 FACE
Х3	§	LITHONIA #LHQM LED G HO SD	ELECTRONIC	UNIVERSAL	LED	N/A	2W	N/A	EXIT LIGHT / BUGEYE COMBO



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PROJECT

Wenatchee Public Library Phase II Modernization

COCATION
310 Douglas Street
Wenatchee, WA 98801

PREPARED FOR

North Central

Washington Libraries

REVISION DATE NAME

THEOR T. WHITING

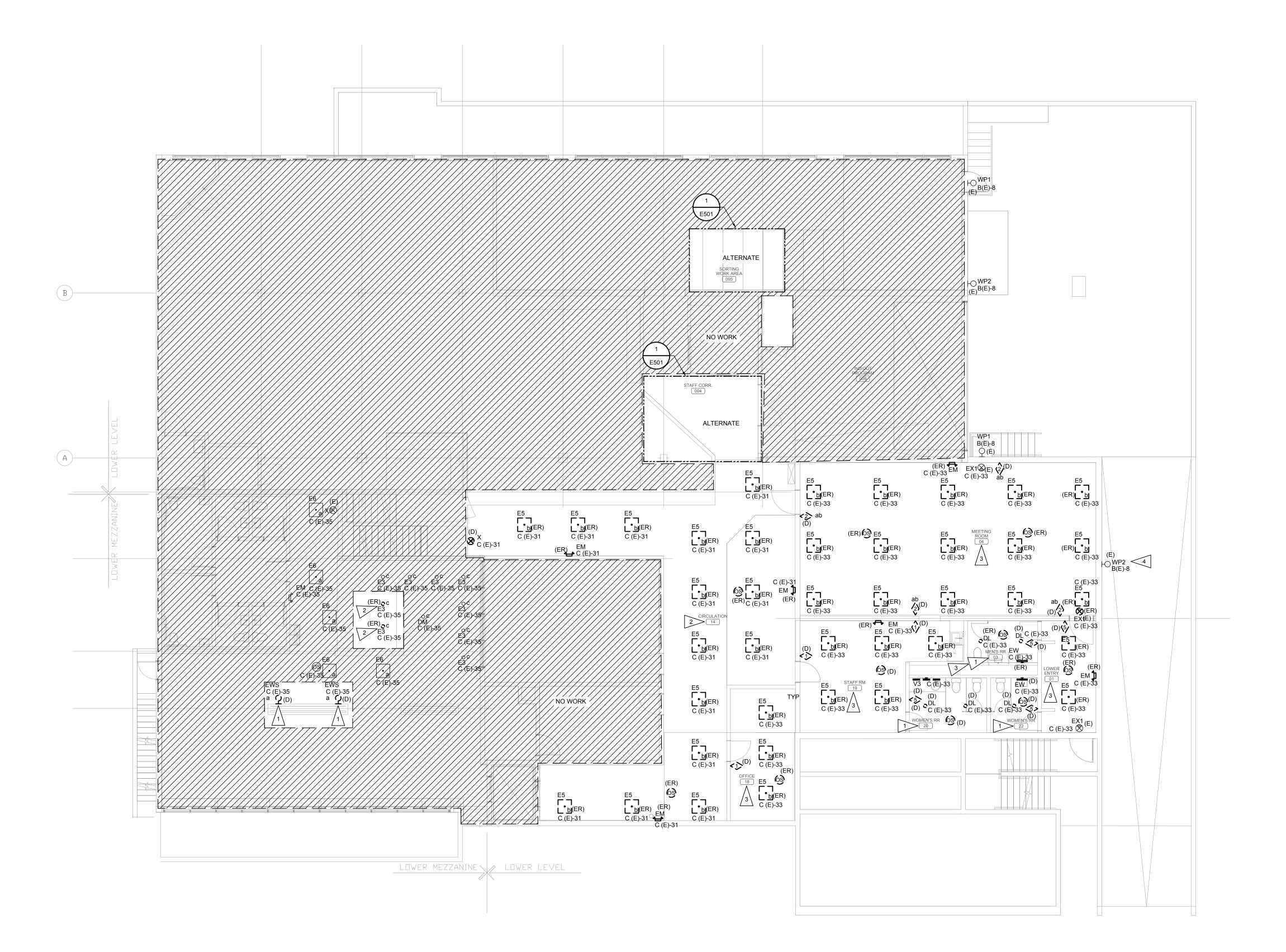


LIGHTING AND EQUIPMENT SCHEDULES

08/28/2023

BID SET

E002





- A. ALL CONDUCTORS THAT ARE NO LONGER FEEDING EXISTING OR NEW LOADS MUST BE REMOVED. UN-USED CONDUCTORS MAY NOT BE ABANDONED IN PLACE.
- B. ALL DISTRIBUTION EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO ENSURE THAT POWER HAS BEEN DISCONNECTED AT THE PANEL FOR THE REMODEL AREAS PRIOR TO BEGINNING DEMOLITION.
- C. THE CONTRACTOR IS TO MAINTAIN CONNECTIVITY TO ELECTRICAL LOADS THAT ARE EXISTING TO REMAIN IF UPSTREAM LOADS ARE DEMOLISHED AND/OR RELOCATED.
- D. EXISTING DEVICE CIRCUITS SHOWN ARE BASED ON NON-DESTRUCTIVE FIELD INVESTIGATION AND RECORD DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY BRANCH CIRCUITS AND UPDATE AS-BUILTS ACCORDINGLY.
- E. REPAIR, PATCH, AND PAINT ALL DEMO AREAS PER ARCHITECTURAL SPECIFICATIONS.
- F. FOR ALL DEMOLISHED FIXTURES, SALVAGE TO OWNER FOR FUTURE USE.
- G. HATCHED AREAS INDICATE AREAS NOT IN CONTRACT UNLESS OTHERWISE NOTED. WORK WITHIN THE AREA MAY BE REQUIRED AS INDICATED ON PLANS IN ORDER TO SUPPORT AREA OF WORK. INFORMATION SHOWN IS BASED ON AS BUILT INFORMATION AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR AS NEEDED.
- H. DEMOLITION DRAWINGS ARE BASED ON EXISTING DRAWINGS AND LIMITED, NON-DESTRUCTIVE FIELD OBSERVATION PERFORMED WHILE THE BUILDING WAS OCCUPIED AND OPERATIONAL. ACTUAL FIELD CONDITIONS & CIRCUIT NUMBERS MAY VARY FROM WHAT IS SHOWN.

FLAG NOTES

- 1 REMOVE EXISTING LIGHT FIXTURE AND SALVAGE TO OWNER WHERE DENOTED WITH 'D'. RETAIN EXISTING BRANCH CIRCUIT DURING CONSTRUCTION FOR RECONNECTION. REMOVE ASSOCIATED CONTROLS. REFERENCE SHEET E201 AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING LIGHT FIXTURE AND RETAIN FOR REUSE WHERE DENOTED WITH 'ER'. RETAIN EXISTING BRANCH CIRCUIT AND CONTROLS DURING CONSTRUCTION FOR FUTURE EXTENSION TO NEW LOCATIONS. REMOVE ASSOCIATED CONDUCTORS AND CONDUIT BACK TO NEAREST JUNCTION BOX TO REMAIN UNLESS OTHERWISE NOTED, CAP AND LABEL FOR FUTURE USE. REFERENCE SHEET E201 AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING LIGHT FIXTURE AND RETAIN FOR REUSE WHERE DENOTED WITH 'ER'. RETAIN EXISTING BRANCH CIRCUIT DURING CONSTRUCTION FOR FUTURE EXTENSION TO NEW LOCATIONS. REMOVE ASSOCIATED CONTROLS. REMOVE ASSOCIATED CONDUCTORS AND CONDUIT BACK TO NEAREST JUNCTION BOX TO REMAIN UNLESS OTHERWISE NOTED, CAP AND LABEL FOR FUTURE USE. REFERENCE SHEET E201 AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- EXTERIOR LIGHTING FIXTURE LOCATED ABOVE NEW EXTERIOR WINDOWS. PROTECT FIXTURE IN PLACE FOR DURATION OF CONSTRUCTION.

DEMOLITION SUBSCRIPTS

D EXISTING TO BE REMOVED
E EXISTING TO REMAIN
ER EXISTING TO BE RELOCATED
RE EXISTING IN NEW LOCATION

LINE TYPE LEGEND

DEMOLITION	
EXISTING TO REMAIN	
NEW CONSTRUCTION	
OVERHEAD ELECTRICAL	 OH/E
OVERHEAD COMMUNICATIONS	 OH/T
UNDERGROUND ELECTRICAL	 UG/E —
UNDERGROUND COMMUNICATIONS	 UG/T —
NEW LOW VOLTAGE / CONTROL	

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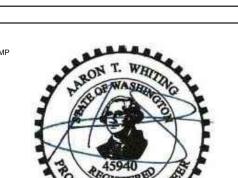
PROJECT

Wenatchee Public Library Phase II Modernization

310 Douglas Street
Wenatchee, WA 98801

North Central
Washington Libraries

REVISION	DATE	NAME



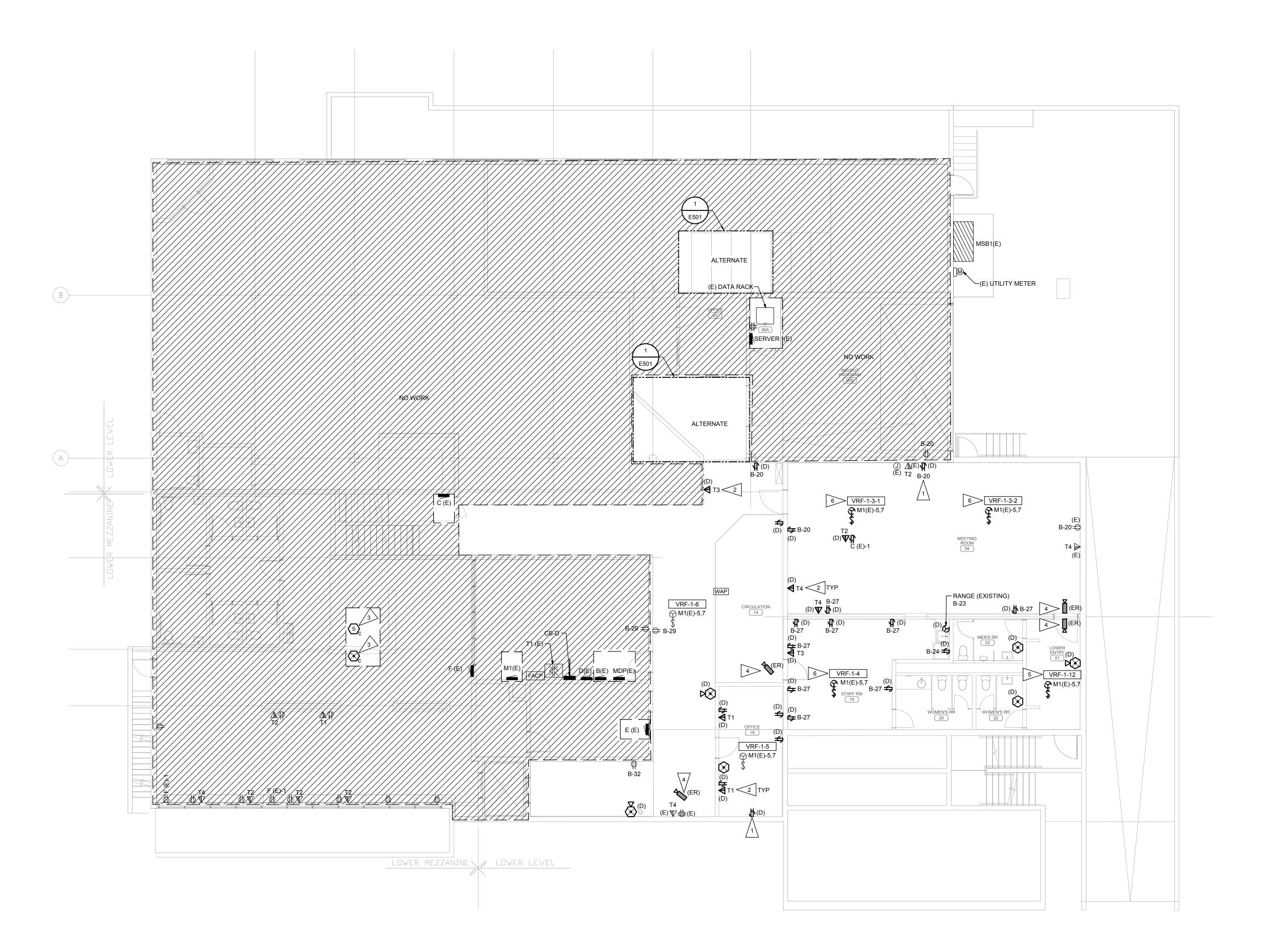


LOWER LEVEL -LIGHTING DEMOLITION PLAN

08/28/2023

BID SET

ED201





- A. ALL CONDUCTORS THAT ARE NO LONGER FEEDING EXISTING OR NEW LOADS MUST BE REMOVED. UN-USED CONDUCTORS MAY NOT BE ABANDONED IN PLACE.
- B. ALL DISTRIBUTION EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO ENSURE THAT POWER HAS BEEN DISCONNECTED AT THE PANEL FOR THE REMODEL AREAS PRIOR TO BEGINNING DEMOLITION.
- C. THE CONTRACTOR IS TO MAINTAIN CONNECTIVITY TO ELECTRICAL LOADS THAT ARE EXISTING TO REMAIN IF UPSTREAM LOADS ARE DEMOLISHED AND/OR RELOCATED.
- D. EXISTING DEVICE CIRCUITS SHOWN ARE BASED ON NON-DESTRUCTIVE FIELD INVESTIGATION AND RECORD DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY BRANCH CIRCUITS AND UPDATE AS-BUILTS ACCORDINGLY.
- E. REPAIR, PATCH, AND PAINT ALL DEMO AREAS PER ARCHITECTURAL SPECIFICATIONS.
- F. HATCHED AREAS INDICATE AREAS NOT IN CONTRACT UNLESS OTHERWISE NOTED. WORK WITHIN THE AREA MAY BE REQUIRED AS INDICATED ON PLANS IN ORDER TO SUPPORT AREA OF WORK. INFORMATION SHOWN IS BASED ON AS BUILT INFORMATION AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR AS NEEDED.
- G. DEMOLITION DRAWINGS ARE BASED ON EXISTING DRAWINGS AND LIMITED, NON-DESTRUCTIVE FIELD OBSERVATION PERFORMED WHILE THE BUILDING WAS OCCUPIED AND OPERATIONAL. ACTUAL FIELD CONDITIONS & CIRCUIT NUMBERS MAY VARY FROM WHAT IS SHOWN.

FLAG NOTES

- REMOVE EXISTING ELECTRICAL DEVICE AND MAINTAIN CIRCUIT CONTINUITY FOR EXISTING DEVICES DOWNSTREAM TO REMAIN. RETAIN ASSOCIATED JUNCTION BOX AND EXISTING PATHWAY FOR RE-USE FOR NEW DEVICE. REFERENCE SHEET E301 FOR ADDITIONAL INFORMATION.
- REMOVE DATA DROP AND ASSOCIATED DATA CABLING BACK TO DATA RACK.
- 3 EXISTING FIRE ALARM DEVICE SHALL BE REMOVED AND RELOCATED. EXISTING CABLING AND POWER CONDUCTORS SHALL REMAIN FOR RECONNECTION TO NEW LOCATION. REFER TO SHEET E301 FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING SECURITY CAMERA AND RETURN DEVICE TO OWNER FOR FUTURE USE. EXISTING CAMERA CABLING BACK TO SYSTEM HEAD-END SHALL BE MAINTAINED. CABLING SHALL BE COILED IN ACCESSIBLE CEILING SPACE FOR FUTURE USE. CAMERAS SHALL BE RE-INSTALLED BY OTHERS.
- RELOCATE MECHANICAL UNIT AND EXTEND BRANCH CIRCUIT TO NEW LOCATION, SEE SHEET E301 FOR ADDITIONAL INFORMATION. REFERENCE MECHANICAL DRAWINGS FOR EXACT UNIT LOCATION.
- DEMOLISH MECHANICAL UNIT BRANCH CIRCUITS BACK TO PANEL AND MARK CIRCUITS SPARE FOR RE-USE. REFERENCE MECHANICAL DRAWINGS FOR EXACT LOCATION.

DEMO. SUBSCRIPTS

- D EXISTING TO BE REMOVED E EXISTING TO REMAIN
- ER# EXISTING TO BE RELOCATED
 RE# EXISTING IN NEW LOCATION

LINE TYPE LEGEND

DEMOLITION	
EXISTING TO REMAIN	
NEW CONSTRUCTION	
OVERHEAD ELECTRICAL	——— OH/E ———
OVERHEAD COMMUNICATIONS	——— OH/T ———
UNDERGROUND ELECTRICAL	UG/E
UNDERGROUND COMMUNICATIONS	——— UG/T ———
NEW LOW VOLTAGE / CONTROL	

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PROJECT

Wenatchee Public Library Phase II Modernization

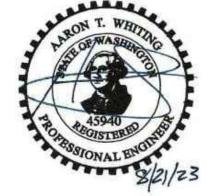
LOCATION

310 Douglas Street Wenatchee, WA 98801

PREPARED FOR

North Central
Washington Libraries

REVISION DATE NAME



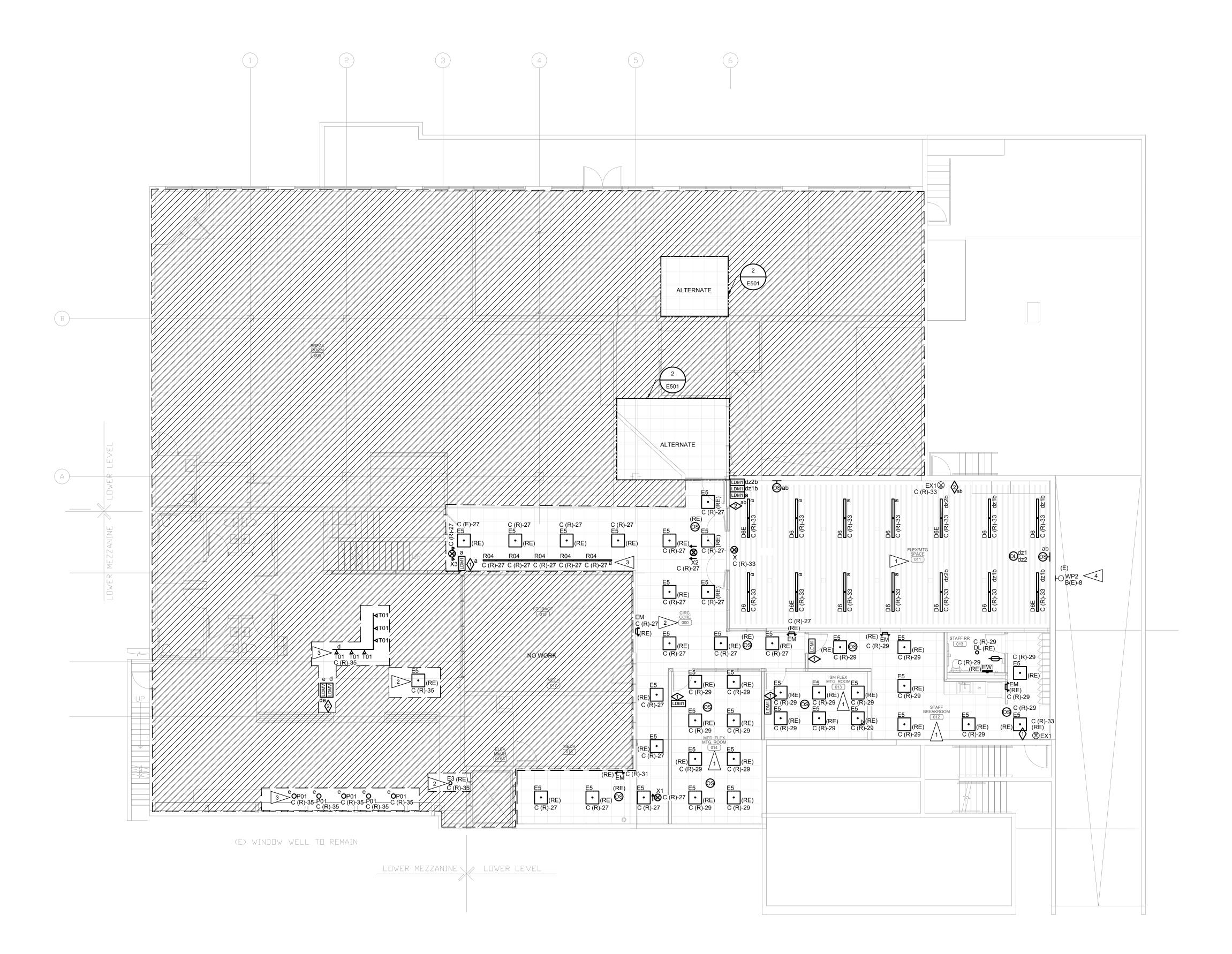


LOWER LEVEL -ELECTRICAL DEMOLITION PLAN

08/28/2023

BID SET

ED301





- A. ALL CONDUCTORS THAT ARE NO LONGER FEEDING EXISTING OR NEW LOADS MUST BE REMOVED. UN-USED CONDUCTORS MAY NOT BE ABANDONED IN PLACE.
- B. PROVIDE UN-SWITCHED HOT CONDUCTOR TO ALL EMERGENCY LIGHTS AND EXIT SIGNS. EMERGENCY LIGHTS ARE INDICATED BY A HALF-HATCH AND/OR WITH AN 'E' DESIGNATION ON THE END OF THE FIXTURE NAME (I.E. R33E).
- C. PROVIDE ALL HARDWARE AND ACCESSORIES REQUIRED TO MOUNT LUMINAIRES IN LOCATIONS SHOWN INCLUDING MOUNTING BRACKETS, T-BAR HANGERS, CANOPIES, ETC.
- D. ALL OCCUPANCY SENSORS SHALL BE SET TO A DEFAULT TIME DELAY OF 15 MINUTES. ALL OCCUPANCY SENSORS SHALL BE SET TO MANUAL ON, AUTO OFF UNLESS OTHERWISE NOTED.
- E. FOR NEW DEVICES SHOWN IN EXISTING WALLS, PROVIDE CUTTING AND PATCHING AS REQUIRED FOR RECESSED DEVICES. PAINT WALLS TO MATCH SURROUNDING.
- F. SEE REFLECTED CEILING PLANS FROM ARCHITECT FOR EXACT FIXTURE LOCATIONS. COORDINATE FIXTURE LOCATIONS IN AREAS WITH EXPOSED CEILINGS WITH DUCTWORK AND PIPING. ADJUST LOCATIONS AS REQUIRED FOR ACTUAL FIELD CONDITIONS. VERIFY AND CONFIRM MOUNTING HEIGHTS OF ALL PENDANT FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS FOR WALL MOUNTED FIXTURES.
- G. SUPPORT LUMINAIRES IN ACCORDANCE WITH IBC SEISMIC ZONE REQUIREMENTS.
- H. THE CONTRACTOR IS TO MAINTAIN CONNECTIVITY TO ELECTRICAL LOADS THAT ARE EXISTING TO REMAIN IF UPSTREAM LOADS ARE DEMOLISHED AND/OR RELOCATED.
- I. EXISTING DEVICE CIRCUITS SHOWN ARE BASED ON NON-DESTRUCTIVE FIELD INVESTIGATION AND RECORD DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY BRANCH CIRCUITS AND UPDATE AS-BUILTS ACCORDINGLY.
- J. LIGHTING CONTROLS AND COVER PLATES TO MATCH
 ASSOCIATED WALL FINISHES. COORDINATE WITH
 ARCHITECTURAL FOR ALL FINISHES PRIOR TO ORDERING.
 COORDINATE WITH ARCHITECTURAL FOR ALL FINISHES TO
 ELECTRICAL DEVICES AND COVER PLATES PRIOR TO ORDERING.
- K. LIGHTING FIXTURE TRIM, SPEAKER GRILLS AND OTHER CEILING MOUNTED DEVICES SHALL MATCH CEILING FINISH UNLESS OTHERWISE NOTED BY ARCHITECT. REFERENCE ARCHITECTURAL FOR ADDITIONAL INFORMATION.

FLAG NOTES

- RE-INSTALL SALVAGED LUMINAIRES WHERE DENOTED WITH (RE). EXTEND EXISTING BRANCH CIRCUIT PREVIOUSLY SERVING DEMOLISHED FIXTURES AND PROVIDE NEW CONTROLS AS INDICATED. CONTRACTOR TO PROVIDE ADDITIONAL JUNCTION BOXES, BACK BOXES, AND MATERIALS AS REQUIRED FOR NEW FIXTURE LOCATIONS. REFERENCE DEMOLITION PLAN SHEET ED201 FOR ADDITIONAL INFORMATION.
- RE-INSTALL SALVAGED LUMINAIRES WHERE DENOTED WITH (RE). EXTEND EXISTING BRANCH CIRCUIT AND CONTROLS FROM EXISTING CONTROL SYSTEM.
- 3 PROVIDE LUMINAIRES AND LOCAL CONTROLS AS INDICATED.
- EXTERIOR LIGHTING FIXTURE LOCATED ABOVE NEW EXTERIOR WINDOWS. PROTECT FIXTURE IN PLACE FOR DURATION OF CONSTRUCTION

LINE TYPE LEGEND

EXISTIN	IG T	ΟF	REMA	l

NEW CONSTRUCTION

LDINGV

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PROJECT

Wenatchee Public Library Phase II Modernization

310 Douglas Stre

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Washington Libraries

REVISION DATE NAME

LIRON T. WHITING



LOWER LEVEL -LIGHTING PLAN

08/28/2023

BID SET

E201





- A. ALL CONDUCTORS THAT ARE NO LONGER FEEDING EXISTING OR NEW LOADS MUST BE REMOVED. UN-USED CONDUCTORS MAY NOT BE ABANDONED IN PLACE.
- B. ALL DISTRIBUTION EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO ENSURE THAT POWER HAS BEEN DISCONNECTED AT THE PANEL FOR THE REMODEL AREAS PRIOR TO BEGINNING DEMOLITION.
- C. THE CONTRACTOR IS TO MAINTAIN CONNECTIVITY TO ELECTRICAL LOADS THAT ARE EXISTING TO REMAIN IF UPSTREAM LOADS ARE DEMOLISHED AND/OR RELOCATED.
- D. EXISTING DEVICE CIRCUITS SHOWN ARE BASED ON NON-DESTRUCTIVE FIELD INVESTIGATION AND RECORD DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY BRANCH CIRCUITS AND UPDATE AS-BUILTS ACCORDINGLY.
- E. SEE ARCHITECTURAL PLANS, SECTIONS, AND ELEVATIONS FOR EXACT EQUIPMENT AND DEVICE LOCATIONS.
- F. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF SOUND, SMOKE, AND FIRE RATED WALLS.
- G. VERIFY ALL EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDERS PRIOR TO ROUGH-IN. SEE EQUIPMENT SCHEDULES FOR ADDITIONAL INFORMATION.
- H. MAINTAIN NEC MANDATED WORKING CLEARANCES IN FRONT OF ELECTRICAL PANELS AND FUSED DISCONNECT SWITCHES PER NEC 110.26. PROVIDE PERMANENT OUTLINE ON FLOOR INDICATING WORKING CLEARANCE IN FRONT OF ALL NEW EQUIPMENT.
- I. COORDINATE WITH MECHANICAL, PRIOR TO ROUGH-IN, FOR FINAL EQUIPMENT INSTALL LOCATIONS AND CONNECTION REQUIREMENTS, AND FINAL THERMOSTAT LOCATIONS.
- J. LOW VOLTAGE CABLES MAY BE RUN OPEN AIR IN ACCESSIBLE CEILING SPACES ABOVE SUSPENDED ACOUSTICAL CEILING TILE GRIDS. ROUTE CABLES IN CONDUIT THROUGH IN ACCESSIBLE CEILING AREAS AND WHERE EXPOSED TO STRUCTURE.
- K. ALL PENETRATIONS THROUGH FIRE RATED CEILING MUST BE FIRE CAULKED. ALL SLEEVES THROUGH CEILING MUST MAINTAIN THE FIRE RATING OF THE CEILING.
- L. ALL RECEPTACLE DEVICES SHALL BE RATED 20A UNLESS OTHERWISE NOTED.
- M. CONTRACTOR TO DO A FINAL ROUGH-IN WALK THROUGH WITH OWNER PRIOR TO WALLS INSTALLED AND FINAL INSTALLATION.
- N. PROVIDE ROUGH IN FOR ALL NEW ACCESS CONTROL, AND SECURITY DEVICES. COORDINATE WITH OWNER SELECTED VENDOR/INSTALLER FOR LOCATIONS AND ADDITIONAL REQUIREMENTS.
- O. COORDINATE WITH OWNER, PRIOR TO ROUGH-IN, FOR FINAL OWNER FURNISHED EQUIPMENT INSTALL LOCATION AND CONNECTION REQUIREMENTS.
- P. ALL DATA CABLES ARE TO BE ROUTED AND TERMINATE AT THE DATA RACK(S) LOCATION IN THE "IT ROOM 09A".
- Q. COORDINATE WITH OWNER FOR ROUGH-IN LOCATIONS FOR RELOCATED SECURITY CAMERAS.

FLAG NOTES

- INSTALL NEW DEVICE UTILIZING EXISTING ROUGH-IN AND BRANCH CIRCUIT. REFER TO SHEET ED301 FOR ADDITIONAL INFORMATION.
- PROVIDE HEAVY DUTY CORD REEL MOUNTED TO STRUCTURE.
 CORD REEL SHALL HAVE TWO GFCI 5-20P PLUGS WITH 12/3 SO
 CORD WITH 50' LENGTH. PROVIDE RECEPTACLE DEVICE AT
 STRUCTURE FOR POWER TO CORD REEL AND UNISTRUT AS
 REQUIRED TO MOUNT CORD REEL FROM STRUCTURE. PROVIDE
 ALL MATERIALS AS REQUIRED. REFERENCE DETAIL '4' ON SHEET
- 3 PROVIDE ALL MATERIALS AS REQUIRED TO RELOCATE MECHANICAL UNIT TO NEW LOCATION SHOWN. REFERENCE MECHANICAL DRAWINGS FOR EXACT LOCATION.
- RELOCATED FIRE ALARM DEVICE. EXTEND EXISTING CABLING AND POWER CONDUCTORS TO RECONNECT DEVICE IN NEW LOCATION.
- PROVIDE JUNCTION BOX WITH POWER TO ABOVE DOOR FOR POWER TO ACCESS CONTROL SYSTEM. COORDINATE WITH ACCESS CONTROL VENDOR FOR EXACT REQUIREMENTS.
- 6 PROVIDE GFCI CIRCUIT BREAKER FOR OVERCURRENT PROTECTION WITH 6mA TRIP.
- COORDINATE EXACT LOCATION AND ELEVATION OF MONITOR WITH ARCHITECT PRIOR TO ROUGH-IN. ALL DEVICES TO BE MOUNTED ADJACENT EACH OTHER AS PART OF ASSEMBLY. TYPICAL ALL MONITOR LOCATIONS. PROVIDE 1-1/2"C TO ACCESSIBLE CEILING FOR A/V.
- 8 COORDINATE WITH ARCHITECTURAL AND DOOR HARDWARE FOR EXACT DOOR PRIOR TO ROUGH-IN.

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ROJECT

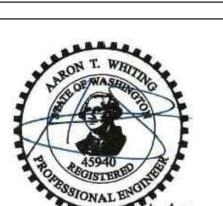
Wenatchee Public Library Phase II Modernization

310 Douglas Street
Wenatchee, WA 98801

North Central
Washington Libraries

REVISION DATE NAME

STAMP



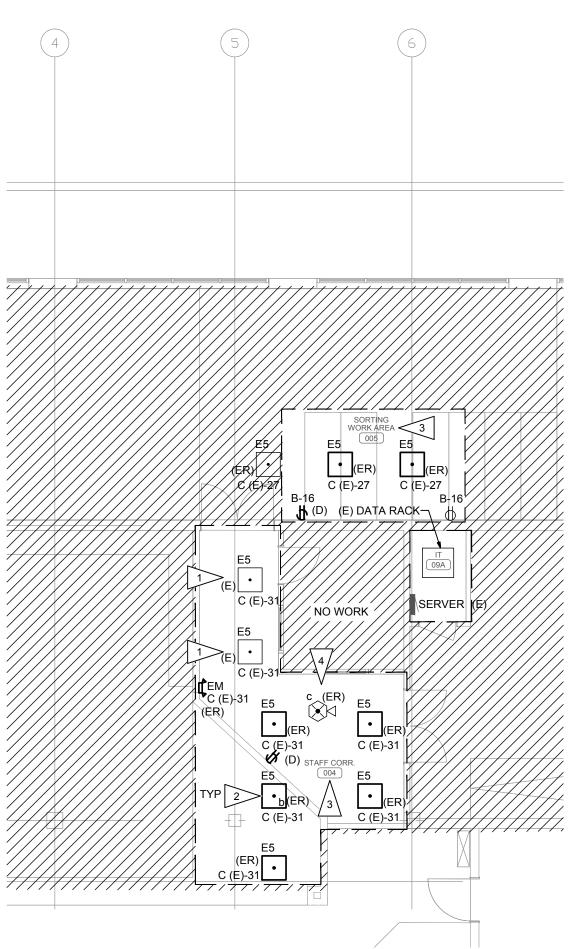


LOWER LEVEL -ELECTRICAL PLAN

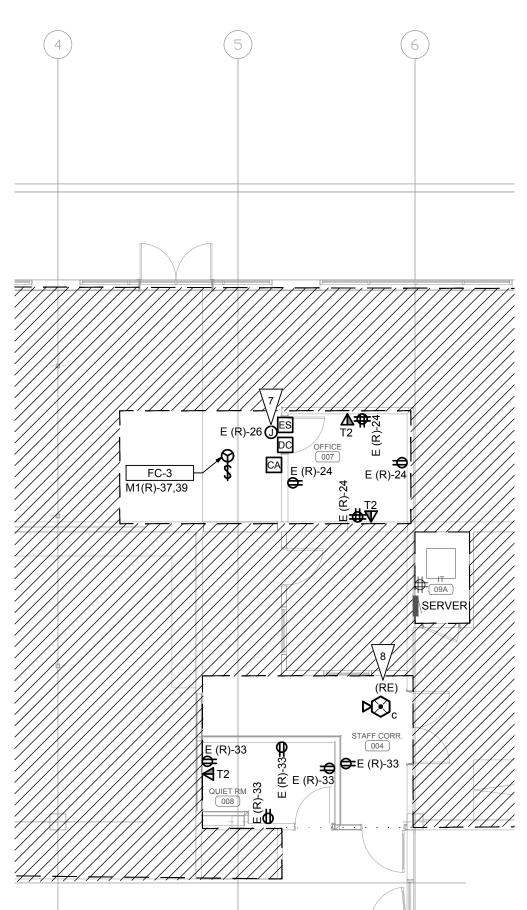
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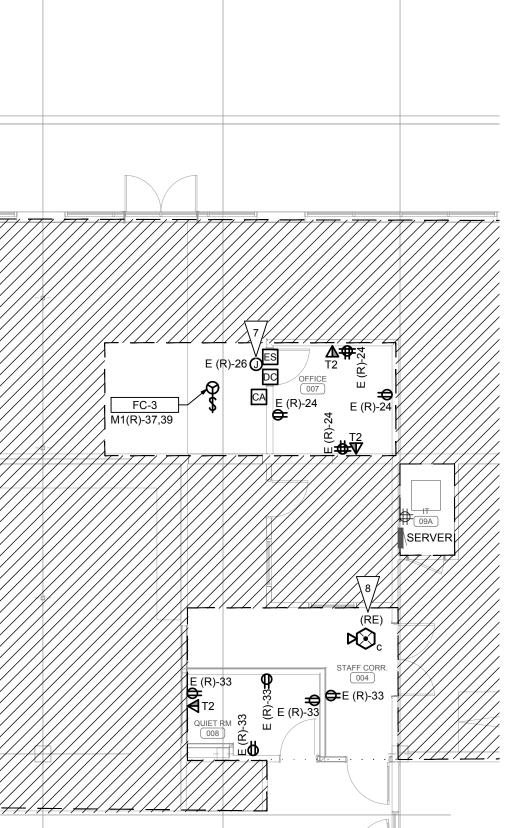
BID SET

E301



LOWER LEVEL - ELECTRICAL DEMOLITION PLAN - ALT





SHEET NOTES

- A. ALL CONDUCTORS THAT ARE NO LONGER FEEDING EXISTING OR NEW LOADS MUST BE REMOVED. UN-USED CONDUCTORS MAY NOT BE ABANDONED IN PLACE.
- B. ALL DISTRIBUTION EQUIPMENT IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO ENSURE THAT POWER HAS BEEN DISCONNECTED AT THE PANEL FOR THE REMODEL AREAS PRIOR TO BEGINNING
- C. THE CONTRACTOR IS TO MAINTAIN CONNECTIVITY TO ELECTRICAL LOADS THAT ARE EXISTING TO REMAIN IF UPSTREAM LOADS ARE DEMOLISHED AND/OR RELOCATED.
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- E. REPAIR, PATCH, AND PAINT ALL DEMO AREAS PER ARCHITECTURAL SPECIFICATIONS.
- F. FOR ALL DEMOLISHED FIXTURES, SALVAGE TO OWNER FOR FUTURE USE.
- G. HATCHED AREAS INDICATE AREAS NOT IN CONTRACT UNLESS OTHERWISE NOTED. WORK WITHIN THE AREA MAY BE REQUIRED AS INDICATED ON PLANS IN ORDER TO SUPPORT AREA OF WORK. INFORMATION SHOWN IS BASED ON AS BUILT INFORMATION AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR AS NEEDED.
- H. DEMOLITION DRAWINGS ARE BASED ON EXISTING DRAWINGS & LIMITED, NON-DESTRUCTIVE FIELD OBSERVATION PERFORMED WHILE THE BUILDING WAS OCCUPIED AND OPERATIONAL. ACTUAL FIELD CONDITIONS & CIRCUIT NUMBERS MAY VARY FROM WHAT IS SHOWN.
- I. SEE ARCHITECTURAL PLANS, SECTIONS, AND ELEVATIONS FOR EXACT EQUIPMENT AND DEVICE LOCATIONS.
- J. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF SOUND. SMOKE, AND FIRE RATED WALLS.
- K. VERIFY ALL EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDERS PRIOR TO ROUGH-IN. SEE EQUIPMENT SCHEDULES FOR ADDITIONAL INFORMATION.
- L. MAINTAIN NEC MANDATED WORKING CLEARANCES IN FRONT OF ELECTRICAL PANELS AND FUSED DISCONNECT SWITCHES PER NEC 110.26. PROVIDE PERMANENT OUTLINE ON FLOOR INDICATING WORKING CLEARANCE IN FRONT OF ALL NEW EQUIPMENT.
- M. COORDINATE WITH MECHANICAL, PRIOR TO ROUGH-IN, FOR FINAL EQUIPMENT INSTALL LOCATIONS AND CONNECTION REQUIREMENTS, AND FINAL THERMOSTAT LOCATIONS.
- N. LOW VOLTAGE CABLES MAY BE RUN OPEN AIR IN ACCESSIBLE CEILING SPACES ABOVE SUSPENDED ACOUSTICAL CEILING TILE GRIDS. ROUTE CABLES IN CONDUIT THROUGH IN ACCESSIBLE CEILING AREAS AND WHERE EXPOSED TO STRUCTURE.
- O. ALL PENETRATIONS THROUGH FIRE RATED CEILING MUST BE FIRE CAULKED. ALL SLEEVES THROUGH CEILING MUST MAINTAIN THE FIRE RATING OF THE CEILING.
- P. ALL RECEPTACLE DEVICES SHALL BE RATED 20A UNLESS OTHERWISE NOTED.
- Q. CONTRACTOR TO DO A FINAL ROUGH-IN WALK THROUGH WITH OWNER PRIOR TO WALLS INSTALLED AND FINAL INSTALLATION.
- R. COORDINATE WITH OWNER, PRIOR TO ROUGH-IN, FOR FINAL OWNER FURNISHED EQUIPMENT INSTALL LOCATION AND CONNECTION REQUIREMENTS.
- ALL DATA CABLES ARE TO BE ROUTED AND TERMINATE AT THE DATA RACK(S) LOCATION IN THE "IT ROOM 09A". REFER TO SHEET E301 FOR ADDITIONAL INFORMATION AND

T. PROVIDE UN-SWITCHED HOT CONDUCTOR TO ALL EMERGENCY LIGHTS AND EXIT SIGNS. EMERGENCY LIGHTS ARE INDICATED BY A HALF-HATCH AND/OR WITH AN 'E' DESIGNATION ON THE END OF THE FIXTURE NAME (I.E. R33E).

- U. PROVIDE ALL HARDWARE AND ACCESSORIES REQUIRED TO MOUNT LUMINAIRES IN
- LOCATIONS SHOWN INCLUDING MOUNTING BRACKETS, T-BAR HANGERS, CANOPIES, ETC. ALL OCCUPANCY SENSORS SHALL BE SET TO A DEFAULT TIME DELAY OF 15 MINUTES. ALL OCCUPANCY SENSORS SHALL BE SET TO MANUAL ON, AUTO OFF UNLESS OTHERWISE
- W. SEE REFLECTED CEILING PLANS FROM ARCHITECT FOR EXACT FIXTURE LOCATIONS. COORDINATE FIXTURE LOCATIONS IN AREAS WITH EXPOSED CEILINGS WITH DUCTWORK AND PIPING. ADJUST LOCATIONS AS REQUIRED FOR ACTUAL FIELD CONDITIONS. VERIFY AND CONFIRM MOUNTING HEIGHTS OF ALL PENDANT FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS FOR WALL MOUNTED FIXTURES.
- X. SUPPORT LUMINAIRES IN ACCORDANCE WITH IBC SEISMIC ZONE REQUIREMENTS.
- Y. LIGHTING CONTROLS AND COVER PLATES TO MATCH ASSOCIATED WALL FINISHES. COORDINATE WITH ARCHITECTURAL FOR ALL FINISHES PRIOR TO ORDERING. COORDINATE WITH ARCHITECTURAL FOR ALL FINISHES TO ELECTRICAL DEVICES AND COVER PLATES PRIOR TO ORDERING.
- Z. LIGHTING FIXTURE TRIM, SPEAKER GRILLS AND OTHER CEILING MOUNTED DEVICES SHALL MATCH CEILING FINISH UNLESS OTHERWISE NOTED BY ARCHITECT. REFERENCE ARCHITECTURAL FOR ADDITIONAL INFORMATION.

FLAG NOTES

- MAINTAIN EXISTING LIGHT FIXTURE AND PROTECT IN PLACE. RETAIN EXISTING BRANCH CIRCUIT AND CONTROLS FOR EXTENSION. REFERENCE 2/E501 AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- 2 REMOVE EXISTING LIGHT FIXTURE AND RETAIN FOR REUSE WHERE DENOTED WITH 'ER'. RETAIN EXISTING BRANCH CIRCUIT AND CONTROLS DURING CONSTRUCTION FOR FUTURE EXTENSION TO NEW LOCATIONS. REMOVE ASSOCIATED CONDUCTORS AND CONDUIT BACK TO NEAREST JUNCTION BOX TO REMAIN UNLESS OTHERWISE NOTED, CAP AND LABEL FOR FUTURE USE. REFERENCE 2/E501 AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING LIGHT FIXTURE AND RETAIN FOR REUSE WHERE DENOTED WITH 'ER'. RETAIN EXISTING BRANCH CIRCUIT DURING CONSTRUCTION FOR FUTURE EXTENSION TO NEW LOCATIONS. REMOVE ASSOCIATED CONTROLS. REMOVE ASSOCIATED CONDUCTORS AND CONDUIT BACK TO NEAREST JUNCTION BOX TO REMAIN UNLESS OTHERWISE NOTED, CAP AND LABEL FOR FUTURE USE. REFERENCE 2/E501 AND PANEL SCHEDULES FOR
- REMOVE EXISTING FIRE ALARM DEVICE FOR RELOCATION. REMOVE CONDUIT BACK AS REQUIRED FOR FUTURE EXTENSION TO NEW DEVICE LOCATION(S). ADJUST EXISTING CABLING AS REQUIRED FOR RELOCATED DEVICE. REFERENCE 3/É501 FOR ADDITIONAL
- 5 RE-INSTALL SALVAGED LUMINAIRES WHERE DENOTED WITH (RE). EXTEND BRANCH CIRCUIT AND PROVIDE CONTROLS AS INDICATED. REFERENCE1/E501FOR ADDITIONAL INFORMATION.
- RE-INSTALL SALVAGED LUMINAIRES WHERE DENOTED WITH (RE). EXTEND EXISTING BRANCH CIRCUIT AND CONTROLS FROM EXISTING CONTROL SYSTEM. REFERENCE 1/E501 FOR ADDITIONAL INFORMATION.
- 7 PROVIDE JUNCTION BOX WITH POWER TO ABOVE DOOR FOR POWER TO ACCESS CONTROL SYSTEM. COORDINATE WITH ACCESS CONTROL VENDOR FOR EXACT REQUIREMENTS.
- PROVIDE NEW FIRE ALARM CABLING AS REQUIRED TO INSTALL RELOCATED FIRE ALARM DEVICE IN NEW LOCATION. PROVIDE ALL MATERIALS AS REQUIRED. REFERENCE 3/E501 FOR ADDITIONAL INFORMATION.

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Wenatchee Public Library Phase II Modernization

LOCATION 310 Douglas Street Wenatchee, WA 98801

PREPARED FOR North Central Washington Libraries



SPOKANE, WA 99223 PH: 509.473.9218

ALTERNATE **ENLARGED ELECTRICAL PLANS**

08/28/2023

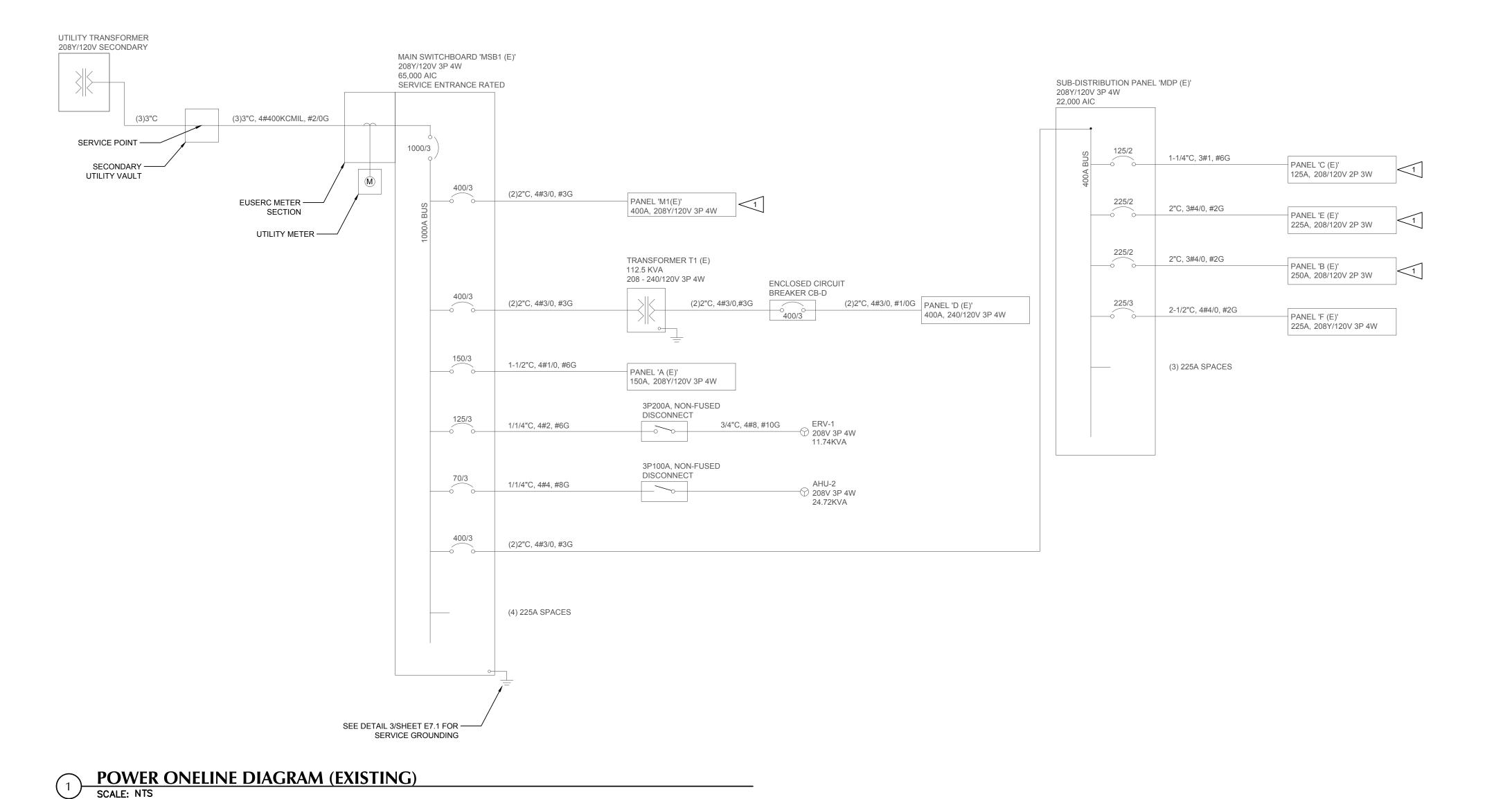
BID SET

E501

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LOWER LEVEL - LIGHTING PLAN - ALT

LOWER LEVEL - ELECTRICAL PLAN - ALT



- A. ALL CONDUCTORS ARE COPPER, UNLESS DENOTED WITH (AL) FOR COMPACT STRANDED ALUMINUM. ALL GROUND CONDUCTORS OBSERVED COPPER.
- B. ALL NEW CONDUCTORS SHALL BE INSTALLED CONTINUOUS (POINT TO POINT) AND WITHOUT SPLICING, UNLESS OTHERWISE INDICATED.
- C. FOR CLARITY, BRANCH CIRCUITING IS NOT SHOWN ON ONE-LINE DIAGRAMS. SEE PANEL SCHEDULES.
- D. ONE-LINE DIAGRAM IS BASED ON ELECTRICAL RECORD DRAWINGS AND NON-DESTRUCTIVE FIELD OBSERVATIONS PERFORMED WHILE THE BUILDING WAS OCCUPIED.

FLAG NOTES

1 REVISED LOAD APPLIED TO EXISTING PANEL. EXTEND EXISTING-TO-REMAIN BRANCH CIRCUITS NOTED IN PANEL SCHEDULE, AS DESCRIBED ON DEMOLITION PLANS. SEE PANEL SCHEDULES FOR ADDITIONAL INFORMATION.

LINETYPE LEGEND

		KWR, LLC					
	IEL: MSB1 (REVISED) VOLTS: NEUTRA	208Y/120V 3P 4V AL: 100%	N		BUS AMPS MAIN OCPI MOUNTING AIC:	D: 1000	
ССТ						KVA LOA	D
NO.	CIRCUIT DESCRIPTION		NOTES	OCP	А	В	С
1	PANEL M1(R)			400/3	36.88	35.70	35.78
2	XFMR T1 (E)			400/3	14.48	14.48	14.48
3	PANEL A (E)			150/3	12.88	10.08	13.74
4	AHU-1			125/3	10.86	10.86	10.86
5	AHU-2			70/3	6.59	6.59	6.59
6	PANEL MDP(E)			400/3	33.02	40.89	29.59
7	SPACE			-/3	0.00	0.00	0.00
8	SPACE			-/3	0.00	0.00	0.00
9	SPACE			-/3	0.00	0.00	0.00
10	SPACE			-/3	0.00	0.00	0.00
NOT	ES:	TOTAL CONNECT	ED KVA PEF	R PHASE	114.70	118.60	111.04
		TOTAL CONNECT	ED AMPS PI	ER PHASE	957.52	989.00	925.03
			CO	NN. LOAD	CALC	C. LOAD	
		LIGHTING RECEPTACLES LARGEST MOTOR OTHER MOTORS KITCHEN EQUIP CONTINUOUS NONCONTINUOU HEATING NONCOIN/DIVERS COMPUTER METERED DEMAI TOTAL KVA TOTAL AMPS	156 11. 0.0 S 47. 43. SE 0.0 0.0	40 58 3.16 96 0 12 70 0	14.28 25.70 40.73 156.16 7.77 0.00 47.12 43.70 0.00 0.00 0.00		(125%) (50%>10) (125%) (100%) (65%) (125%) (100%) (100%) (N/A) (100%) (125%)

	FROM: SEE ONE-LINE DIAGRAM ATION:	MOU	N OCPD: JNTING: CLOSURE:	SURFACE			LUG AIC:		100% STAN 22,00	IDARD						
CT O.	CIRCUIT DESCRIPTION	NOTES	CCT OCPD	A		KVA L		С		CCT OCPD	NOTES		CIRCUIT DES	CRIPTION		CC ⁻
1	VRF-1-1-1, VRF-1-1-2, VRF-1-1-3, VRF-1-1-4, VRF-1-2-1, VRF-1-2-2,		15/2		.07		,			15/2		CP-1, VRF-2-3				2
3	VRF-1-7		1	0.02		0.32	1.07			10/2		01 1, 110 20				4
5	VRF-1-3-1, VRF-1-3-2, VRF-1-5, VRF-1-6, VRF-1-10		15/2	†	H	0.02		0.25	0.95	15/2		CP-1, VRF-2-1-1				6
,			1	0.25 0).95					I		01 1, 111 2 1 1	'			8
9	VRF-1-8-1, VRF-1-8-2, VRF-1-9-1, VRF-1-9-2, VRF-1-9-3, VRF-1-11		15/2	0.20 0		0.35	0.35			15/2		VRF-2-5				10
1			1	1	F			0.35	0.35	1		7.1 2 0				12
3	BS-1, BS-2		15/2	0.15 0).31					15/2		VRF-2-4-1 VRF-	-2-4-2, VRF-2-4-3, VF	RF-2-4-4 VRF-2-4-!	5	14
5	30 1,50 2		1	00 0		0.15	0.31			10/2		710 2 4 1, 710	2 4 2, 111 2 4 0, 11	<u> </u>		16
7	HP-1A		70/3	1				5.02	0.17	15/2		BS-3, BS-4				18
9			1	5.02 0).17					1						20
1			i			5.02	5.02			70/3		HP-2A				22
23	HP-1B		70/3	1	F			4.66	5.02	1						24
25			1	4.66 5	5.02					<u>'</u>						26
27			<u>'</u>			4.66	4.66			70/3		HP-2B				28
29	SPACE		-/2	1	F			0.00	4.66	1						30
31			ı	0.00 4	.66					<u> </u>						32
33	SPARE		-/2			0.00	4.66			70/3		HP-2C				34
35			1	1	F			0.00	4.66	1						36
37	SPACE		-/2	0.00 4	.66					i						38
39			1			0.00	0.54			20/1		MECH CONTRO	DLS REC			40
41	SPACE		-/2	1	F			0.00	0.42	20/1		EF-1				42
43			1	0.00 1	.07					15/2		CP-1, VRF-2-2				44
45	SPACE		-/2			0.00	1.07			1		,				46
47			ı	1				0.00	0.95	15/2		CP-1, VRF-2-1-2	2			48
49	SPACE		-/1	0.00 0	0.95					1						50
51	SPACE		-/1			0.00	3.33			40/3		UH-1				52
53	SPACE		-/1	1				0.00	3.33	ı						54
55	SPACE		-/1	0.00 3	3.33					i						56
57	SPACE		-/1			0.00	0.00			-/1		SPACE				58
59	DH-1		20/1	1				0.60	0.00	-/1		SPACE				60
61	ERV-1		45/3	3.91 0	0.00			1		-/1		SPACE				62
63			ı			3.91	0.00			-/1		SPACE				64
35			ı	1		<u> </u>		3.91	0.00	-/1		SPACE				66
NOTE	S:	•		тот	TAL CO	ONNECT	TED LOA	AD (KVA)					CONN. KVA	CALC. KVA		
				A 36.49 TOTA	_	B 35. NNECTI B	42 ED LOA	C 35.3 D (AMPS) C		RE LAI OT	GHTING CEPTACLE RGEST MC HER MOTO CHEN EQU	TOR DRS	0.00 0.54 15.06 81.02 0.00	0.00 0.54 18.82 81.02 0.00	(125%) (50%>10) (125%) (100%) (N/A)	_
				303.89)	295	.15	294.1	3	CO NO HE CO NO CO	NTINUOUS NCONTINU ATING OLING NCOIN/DIV MPUTER TERED DE	S JOUS /ERSE	0.00 0.60 10.00 0.00 0.00 0.00	0.00 0.60 10.00 0.00 0.00 0.00	(125%) (100%) (100%) (N/A) (N/A) (100%)	
															\ . / - /	_

	FROM: SEE ONE-LINE DIAGRAM ATION:	NAM JOM		400 MLO SURFA	CE	VOI NEU LUC AIC	JTRAL: SS:	100%	IDARD	W					
CCT NO.	CIRCUIT DESCRIPTION	NOTES	CCT OCPD			KVA LOAD		:	CCT OCPD	NOTES		CIRCUIT DES	CRIPTION		CCT NO.
1	VRF-1-1-1,VRF-1-1-2, VRF-1-1-3, VRF-1-1-4,VRF-1-2-1,VRF-1-2-2,		15/2	0.32	1.07				15/2		CP-1. VRF-2-3				2
3	VRF-1-7		1			0.32 1.07			ı						4
5	VRF-1-3-1,VRF-1-3-2, VRF-1-3-3, VRF-1-3-4		15/2	1			0.25	0.95	15/2		CP-1, VRF-2-1-1				6
7			- 1	0.25	0.95				I		·				8
9	VRF-1-8-1,VRF-1-8-2, VRF-1-8-3, VRF-1-8-4		15/2		•	0.35 0.35		l	15/2		VRF-2-5				10
11							0.35	0.35	ı						12
13	BS-1,BS-2		15/2	0.15	0.31				15/2		VRF-2-4-1,VRF-	2-4-2,VRF-2-4-3,VRF	-2-4-4		14
15			I			0.15 0.31			ı						16
17	HP-1A		70/3				5.02	0.17	15/2		BS-3,BS-4				18
19			I	5.02	0.17										20
21			I			5.02 5.02			70/3		HP-2A				22
23	HP-1B		70/3				4.66	5.02	I						24
25			ı	4.66	5.02				ı						26
27						4.66 4.66			70/3		HP-2B				28
29	SPACE		-/2				0.00	4.66	I						30
31				0.00	4.66				I						32
33	SPARE		-/2			0.00 4.66			70/3		HP-2C				34
35			I				0.00	4.66	I						36
37	FAN COIL 'FC-3'	a,b	15/2	0.08	4.66				I						38
39			I			0.08 0.54			20/1		MECH CONTRO	DLS			40
41	FAN COIL 'FC-1'	a,b	15/2				0.30	0.42	20/1		EF-1				42
43			I	0.30	1.07				15/2		CP-1, VRF-2-2				44
45	FAN COIL 'FC-2'	a,b	15/2			0.17 1.07	ļ .		I						46
47					ı		0.17	0.95	15/2		CP-1, VRF-2-1-2	2			48
49	SPACE		-/1	0.00	0.95				<u> </u>						50
51	EF-1	a,b	20/1			0.02 3.33	L		40/3		UH-1				52
53	SPACE		-/1				0.00	3.33	I						54
55	SPACE		-/1	0.00	3.33										56
57	SPACE		-/1			0.00 0.00			-/1		SPACE				58
59	DH-1		20/1				0.60	0.00	-/1		SPACE				60
61	ERV-1		45/3	3.91	0.00				-/1		SPACE				62
63						3.91 0.00			-/1		SPACE				64
55							3.91	0.00	-/1		SPACE				66
OTE		OIDOLUT	o Noted	Т	TOTAL C	ONNECTED LO						CONN. KVA	CALC. KVA		_
а. н	PROVIDE NEW BREAKER AND UTILIZE POSITION FOR NEW BRANCH	CIRCUITA	S NOTED.			B	0.5			HTING		0.00	0.00	(125%)	
o. I	PROVIDE LOCKABLE CIRCUIT BREAKER AS INDICATED.				.88 OTAL C	35.70 ONNECTED LOA	35.			CEPTACLE RGEST MO		0.54 15.06	0.54 18.82	(50%>10) (125%)	
						В	(A) (ANNI C			HER MOTO		82.15	82.15	(100%)	
				307		297.42	298			CHEN EQU		0.00	0.00	(N/A)	
						207.72				NTINUOUS NCONTINU		0.00 0.60	0.00 0.60	(125%) (100%)	
									HE	ATING		10.00	10.00	(100%)	
										OLING NCOIN/DIV	/FRSF	0.00 0.00	0.00 0.00	(N/A) (N/A)	
										MPUTER	LINOL	0.00	0.00	(100%)	
										TEDED DE	MAND	0.00	0.00	(4050/)	
										TERED DE TAL KVA	IVIAINU	0.00 108.35	112.12	(125%)	_



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PROJECT

Wenatchee Public Library Phase II Modernization

310 Douglas Street
Wenatchee, WA 98801

North Central
Washington Libraries

REVISION DATE NAME

TAMP

RON T. WHITING



POWER ONE-LINE DIAGRAM

08/28/2023

BID SET

E601

FED	EL: B (EXISTING) FROM: SEE ONE-LINE DIAGRAM ATION:	BUS AMPS: MAIN OCPD MOUNTING: ENCLOSURI	: MLO SURFA	CE		VOL NEU LUG AIC:	TRAL: S:	208/120V 100% STANDAF 22,000						
CCT NO.	CIRCUIT DESCRIPTION	NOTES	CCT OCPD	A	KVA L		3	CCT OCPD	NOTES	,	CIRCUIT DESCRIPTI	ION		CC
1	HEAT MAT (EXISTING)		60/2	4.95	4.15			50/2		HEAT MAT (EXISTING)				2
3			I			4.95	4.15	ı						4
5	SPARE		20/1	0.00	0.72			20/1		RECEP (EXISTING)				6
7	SPARE		20/1			0.00	0.11	20/1		LTG				8
9	RECEP (EXISTING)		20/1	0.72	0.00			-/1		SPACE				10
11	RECEP (EXISTING)		20/1			0.72	0.00	-/1	а	SPACE				12
13	SPARE		20/1	0.00	0.00			-/1	а	SPACE				14
15	SPARE		20/1			0.00	0.00	-/1		SPACE				16
17	FIBER NETWORK (EXISTING)		20/1	0.30	0.00			-/1	а	SPACE				18
19	SPARE		20/1			0.00	1.00	20/1		FRIDGE (EXISTING)				20
21	PRECIPITRON (EXISTING)		20/1	0.50	0.00			20/1		SPARE				22
23	SPARE	а	20/1			0.00	0.00	20/1		SPARE				24
25	RECEP (EXISTING)		20/1	0.72	0.72			20/1		RECEP (EXISTING)				26
27	SPARE	а	20/1			0.00	1.00	20/1		EXISTING				28
29	PUMP (EXISTING)		20/1	1.10	1.10			20/1		OH DOOR (EXISTING)				30
31	HVAC CONTROLS (EXISTING)		20/1			0.20	0.20	20/1		IRRIGATION CONTROL	_ (EXISTING)			32
33	SPARE		20/1	0.00	1.00			20/1		HEATER (EXISTING)				34
35	RECEP (EXISTING)		20/1			0.72	2.00	20/1		RANGE (EXISTING)				36
37	HEATERS (EXISTING)		20/1	1.00	1.00			20/1		HOT WATER (EXISTING	G)			38
39	PUMP (EXISTING)		20/1			1.10	1.80	20/2		MICRO/DW (EXISTING))			40
41	HEATER (EXISTING)		20/1	1.00	1.80			-						42
NOTE a R	ES: E-USE EXISTING CIRCUIT BREAKER FOR NEW DEVICE CIRCUIT				L CONN						CONN. KVA	CALC. KVA		
				20.7		17.			LIGHT		0.11	0.14	(125%)	
b.					CONN.					EPTACLES EEST MOTOR	4.32 1.10	4.32 1.38	(50%>10) (125%)	
				A		E .				R MOTORS	2.20	2.20	(100%)	
				180.		158				HEN EQUIP	6.60	5.94	(90%)	
								J		TINUOUS CONTINUOUS	0.00 3.20	0.00 3.20	(125%) (100%)	
									HEAT		21.20	21.20	(100%)	
									NONC	COIN/DIVERSE	0.00	0.00	(N/A)	
									COME	PUTER	0.00	0.00	(100%)	
									TOTA	L KVA	38.73	0.00 38.38		-
										NCED PHASE AMPS	186.21	184.50		

	FROM: SEE ONE-LINE DIAGRAM	BUS AMPS: MAIN OCPD: MOUNTING: ENCLOSURI	125 SURFA	CE		VOL NEU LUG AIC:	ITRAL: iS:	208/120V 100% STANDAF 10,000						
CCT NO.	CIRCUIT DESCRIPTION	NOTES	CCT OCPD		KVA LO			CCT OCPD	NOTES		CIRCUIT DESCRIPTI	ION		CCT NO.
				Α		E	3							
1	REC		20/1	0.18 0	0.00			20/1		SPARE				2
3	SPARE		20/1			0.00	0.72	20/1		RECEP - DESK (EXISTI	ING)			4
5	SPARE		20/1	0.00 0	0.00			20/1		SPARE				6
7	SPARE		20/1			0.00	0.72	20/1		RECEP - WEST (EXIST	ING)			8
9	SPARE		20/1	0.00	0.00			20/1		SPARE				10
11	RECEP - PLUGMOLD (EXISTING)		20/1	.		0.72	0.72	20/1		RECEP - DESK (EXIST	ING)			12
13	RECEP - N CEILING (EXISTING)		20/1	0.36	0.72			20/1		RECEP - WIREMOLD (E	EXISTING)			14
15	SPARE		20/1			0.00	0.72	20/1		RECEP - EAST (EXISTI	NG)			16
17	RECEP - BATH (EXISTING)		20/1	0.72 0	0.72			20/1		RECEP - OFFICE (EXIS	STING)			18
19	SPACE		-/1			0.00	1.00	20/1		EXISTING				20
21	SPARE		20/1	0.00 1	1.00			20/1		ELEVATOR HVAC (EXI	STING)			22
23	SPARE		20/1			0.00	0.50	20/1		FIRE ALARM (EXISTING	G)			24
25	SPACE		-/1	0.00	0.00			20/2		SPARE				26
27	LTG		20/1			0.14	0.00	_						28
29	SPACE		-/1	0.00	0.00			-/1		SPACE				30
31	LTG		20/1			0.86	0.00	-/1		SPACE				32
33	LTG		20/1	1.07 0	0.00			-/1		SPACE				34
35	LTG		20/1	<u> </u>		0.36	0.00	-/1		SPACE				36
37	SPACE		-/1	0.00	0.00			-/1		SPACE				38
39	SPACE		-/1	<u> </u>		0.00	0.00	-/1		SPACE				40
41	SPACE		-/1	0.00	0.00			-/1		SPACE				42
NOT	ES:	NADE 500	-/ 1	TOTAL C		LOAD	(KVA)	-/ [SFACE	CONN. KVA	CALC. KVA		- 42
	XISTING DEVICES DEMOLISHED FROM BRANCH CIRCUIT. MARK CIRCUIT S UTURE USE.	PARE FOR		A 4.77	ONN. L	6.4 LOAD (/	46			TING EPTACLES SEST MOTOR	2.43 6.30 0.00	3.04 6.30 0.00	(125%) (50%>10) (125%)	
				A 39.77		53.	3		OTHE KITCH CONT	ER MOTORS HEN EQUIP FINUOUS	0.00 0.00 0.00	0.00 0.00 0.00	(100%) (N/A) (125%)	
									HEAT NON	CONTINUOUS TING COIN/DIVERSE PUTER	2.50 0.00 0.00 0.00 0.00	2.50 0.00 0.00 0.00 0.00	(100%) (100%) (N/A) (100%)	
									TOTA	AL KVA	11.23	11.84		-
									BALA	NCED PHASE AMPS	53.99	56.91		

	EL: E (EXISTING) FROM: SEE ONE-LINE DIAGRAM ATION:	BUS AMPS: MAIN OCPD: MOUNTING: ENCLOSURE	FLUSH			VOL NEU LUG AIC	JTRAL: SS:	208/120V 100% STANDAF 22,000						
CCT NO.	CIRCUIT DESCRIPTION	NOTES	CCT OCPD			LOAD		CCT OCPD	NOTES	C	CIRCUIT DESCRIPTION	ON		
1	RECEP (EXISTING)		20/1	0.72	0.00		В	-/1		SPARE				+
3	RECEP (EXISTING)		20/1	0.72	0.00	0.72	0.00	-/1		SPARE				+
5	RECEP (EXISTING)		-/1	0.00	0.00	02	0.00	-/1		SPARE				+
7	HAND DRYER (EXISTING)		20/2			1.25	0.00	-/1		SPARE				\dagger
9			1	1.25	0.00	1.20		-/1		SPARE				\dagger
11	HAND DRYER (EXISTING)		20/2			1.25	0.72	20/1		RECEP (EXISTING)				\dagger
13	,		1	1.25	0.80			20/1		EXISTING				\top
15	RECEP (EXISTING)		-/1			0.00	1.10	20/1		PUMP (EXISTING)				\forall
17	RECEP (EXISTING)		-/1	0.00	0.00			-/1		SPACE				T
19	SPACE		-/1			0.00	7.65	-/2		PANEL SERVER				
21	SPACE		-/1	0.00	8.19									
23	SPACE		-/1			0.00	0.00	-/1		SPACE				
25	SPACE		-/1	0.00	0.00			-/1		SPACE				_
27	SPACE		-/1			0.00	0.72	20/1		RECEP (EXISTING)				_
29	SPACE		-/1	0.00	0.72		•	20/1		RECEP (EXISTING)				
31	SPACE		-/1			0.00	0.50	20/1		SIGNAGE (EXISTING)				_
33	SPACE		-/1	0.00	0.72			20/1		RECEP (EXISTING)				
35	RECEP (EXISTING)		20/1			0.72	1.25	20/2		OFFICE HEAT (EXISTIN	(G)			
37	RECEP (EXISTING)		20/1	0.72	1.25			ı						
39	PRINTER (EXISTING)		20/1			0.30	0.50	20/1		PHONE BOARD POWER	R (EXISTING)			
41	RECEP (EXISTING)		20/1	0.72	0.72			20/1		RECEP (EXISTING)				
NOTE	ES:			TOTA	L CONN	I. LOAD	(KVA)				CONN. KVA	CALC. KVA		
a.				A	4		В]	LIGHT	TING	0.50	0.63	(125%)	_
b.				17	.06	16	.68			PTACLES	8.82	8.82	(50%>10))
				TOTAL	CONN.	LOAD (AMPS)			EST MOTOR	1.10	1.38	(125%)	
				A	A		В			R MOTORS HEN EQUIP	0.00 0.00	0.00 0.00	(100%) (N/A)	
				144	.15	141	1.03]		INUOUS	0.00	0.00	(125%)	
										CONTINUOUS	20.82	20.82	(100%)	
									HEAT		2.50	2.50 0.00	(100%)	
										COIN/DIVERSE PUTER	0.00 0.00	0.00	(N/A) (100%)	

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125%) 50%>10)		
125%)	3)	
100%)		
80%) 125%)		
100%)		
100%)		
N/A)		
100%)		
	_	-

	FROM: SEE ONE-LINE DIAGRAM	BUS AMPS: MAIN OCPD: MOUNTING: ENCLOSURE	SURFA	CE		VOL NEU LUG AIC:	TRAL: S:	208/120V 100% STANDAF 10,000						
CCT NO.	CIRCUIT DESCRIPTION	NOTES	CCT OCPD	KVA LC		LOAD B		CCT OCPD	NOTES		CIRCUIT DESCRIPTION			CC.
1	REC		20/1	0.18	0.00			20/1		SPARE				2
3	SPACE		20/1			0.00	0.72	20/1		RECEP - DESK (EXIST	ING)			4
5	SPACE		20/1	0.00	0.00	·		20/1		SPARE				6
7	SPACE		20/1	'		0.00	0.72	20/1		RECEP - WEST (EXIST	ING)			8
9	SPACE		20/1	0.00	0.00	·		20/1		SPARE				10
11	RECEP - PLUGMOLD (EXISTING)		20/1	'		0.72	0.72	20/1		RECEP - DESK (EXIST	ING)			12
13	RECEP - N CEILING (EXISTING)		20/1	0.36	0.72			20/1		RECEP - WIREMOLD (EXISTING)				14
15	SPARE		20/1			0.00	0.72	20/1		RECEP - EAST (EXISTI	ING)			16
17	RECEP - BATH (EXISTING)		20/1	0.72	0.72			20/1		RECEP - OFFICE (EXIS	STING)			18
19	SPACE		-/1			0.00	1.00	20/1		EXISTING				20
21	SPARE		20/1	0.00	1.00			20/1		ELEVATOR HVAC (EXI	STING)			22
23	SPARE		20/1	'		0.00	0.50	20/1		FIRE ALARM (EXISTING	G)			24
25	LTG		20/1	1.50	0.00			20/2		SPARE	,			26
27	LTG		20/1			1.21	0.00	ı						28
29	LTG		20/1	0.94	0.00			-/1		SPACE				30
31	(E)LTG CHILDREN'S AREA, LTG	а	20/1			0.64	0.00	-/1		SPACE				32
33	LTG	а	20/1	0.76	0.00	<u> </u>		-/1		SPACE				34
35	LTG, TRACK LTG	а	20/1			0.65	0.00	-/1		SPACE				36
37	SPACE		-/1	0.00	0.00			-/1		SPACE				38
39	SPACE		-/1	'		0.00	0.00	-/1		SPACE				40
41	SPACE		-/1	0.00	0.00			-/1		SPACE				42
NOT				TOTA	L CONN	I. LOAD ((KVA)				CONN. KVA	CALC. KVA		
b. F	TILIZE EXISTING CIRCUIT BREAKER POSITION FOR NEW LOAD APPLIED. ROVIDE NEW BREAKER AND UTILIZE POSITION FOR NEW BRANCH CIRCUIT ROVIDE GFCI CIRCUIT BREAKER WITH 6mA TRIP.	AS NOTED.		A 6.S TOTAL A 57.	90 . CONN.	E 7.6 LOAD (/	AMPS)		LARG OTHE KITCH CONT NONG HEAT NONG	EPTACLES EST MOTOR ER MOTORS HEN EQUIP FINUOUS CONTINUOUS ING COIN/DIVERSE PUTER	5.70 6.30 0.00 0.00 0.00 0.00 2.50 0.00 0.00 0.0	7.13 6.30 0.00 0.00 0.00 0.00 2.50 0.00 0.00 0.0	(125%) (50%>10) (125%) (100%) (N/A) (125%) (100%) (100%) (N/A) (100%)	_
									BALA	NCED PHASE AMPS	69.73	76.58		

	FROM: SEE ONE-LINE DIAGRAM	MAIN OCPD MOUNTING: ENCLOSUR	FLUSH			LUG AIC:	TRAL: S:	STANDAF 22,000	RD				
CCT NO.	CIRCUIT DESCRIPTION	NOTES	CCT OCPD		KVA I	LOAD		CCT OCPD	NOTES	(CIRCUIT DESCRIPTION	ON	
				,	٩	В							
1	RECEP (EXISTING)		20/1	0.72	0.90			20/1	а	REC			
3	RECEP (EXISTING)		20/1			0.72	0.72	20/1	а	REC			
5	RECEP (EXISTING)		20/1	0.00	0.54			20/1	а	REC			
7	HAND DRYER (EXISTING)		20/2			1.25	0.72	20/1	a,b	REC			
9			I	1.25	1.40			20/1	а	HAND DRYER			
11	HAND DRYER (EXISTING)		20/2			1.25	0.18	20/1	а	REC			
13			I	1.25	0.72			20/1		RECEP (EXISTING)			
15	RECEP (EXISTING)		20/1			0.00	0.80	20/1		EXISTING			
17	RECEP (EXISTING)		20/1	0.00	1.10	·		20/1		PUMP (EXISTING)			
19	CORD REELS REC	а	20/1			0.36	7.92	80/2		SERVER PANEL			
21	CORD REELS REC	а	20/1	0.36	7.92	,		ı					
23	CORD REELS REC	а	20/1			0.36	1.08	20/1	а	REC			
25	CORD REELS REC	а	20/1	0.36	0.90			20/1	а	ACCESS CONTROL			
27	CORD REELS REC	а	20/1			0.36	0.72	20/1		RECEP (EXISTING)			
29	REC	а	20/1	0.72	0.72			20/1		RECEP (EXISTING)			
31	REC	а	20/1			0.90	0.50	20/1		SIGNAGE (EXISTING)			
33	REC	а	20/1	0.90	0.72	<u>'</u>		20/1		RECEP (EXISTING)			
35	RECEP (EXISTING)		20/1			0.72	1.25	20/2		OFFICE HEAT (EXISTIN	lG)		
37	RECEP (EXISTING)		20/1	0.72	1.25	·		1					
39	PRINTER (EXISTING)		20/1		•	0.30	0.50	20/1		PHONE BOARD POWER	R (EXISTING)		
41	RECEP (EXISTING)		20/1	0.72	0.72	,		20/1		RECEP (EXISTING)			
	ES: ROVIDE NEW BREAKER AND UTILIZE POSITION FOR NEW BRANCH CIRCUIT ROVIDE LOCKABLE CIRCUIT BREAKER AS INDICATED.	AS NOTED		23	A .89	LOAD (ALOAD (ALO	61			TING PTACLES EST MOTOR	0.50 17.28 1.10	0.63 13.64 1.38	(125%) (50%>10) (125%)
				206	A 6.77	180			KITCH CONT	R MOTORS HEN EQUIP TINUOUS CONTINUOUS	0.00 0.00 0.90 22.22	0.00 0.00 1.13 22.22	(100%) (N/A) (125%) (100%)

TOTAL KVA

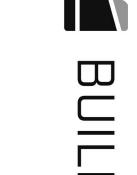
TOTAL KVA

BALANCED PHASE AMPS 213.94

BALANCED PHASE AMPS 162.21

164.13

199.45



DING

WORK

architecture design preservation

159 western avenue west, suite 486 seattle, washington 98119 office 206 775-8668

www.buildingwork.design

PROJECT

Wenatchee Public Library Phase II Modernization

LOCATION 310 Douglas Street Wenatchee, WA 98801

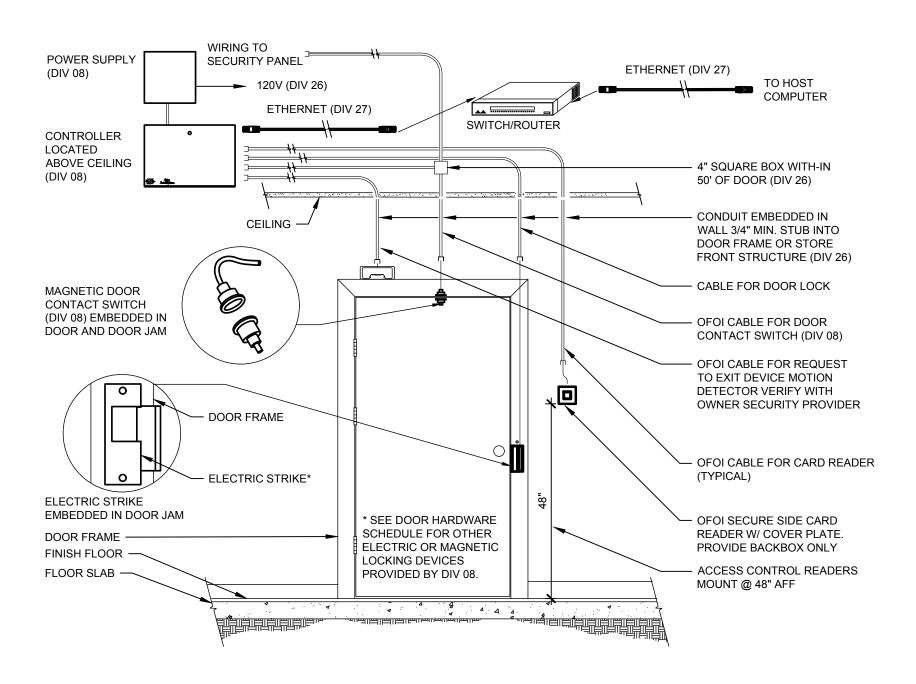
PREPARED FOR **North Central Washington Libraries**

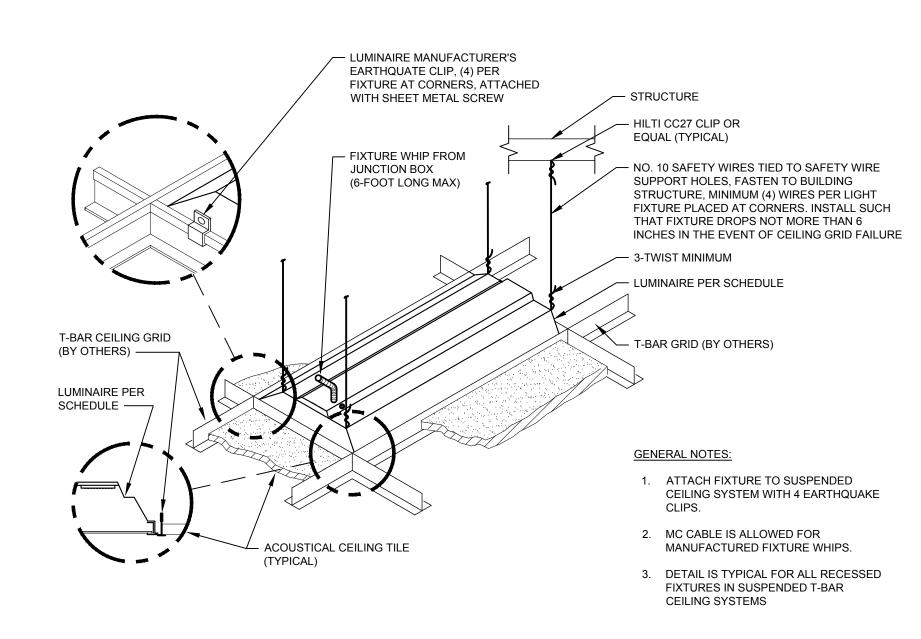


PANEL SCHEDULES

08/28/2023

BID SET





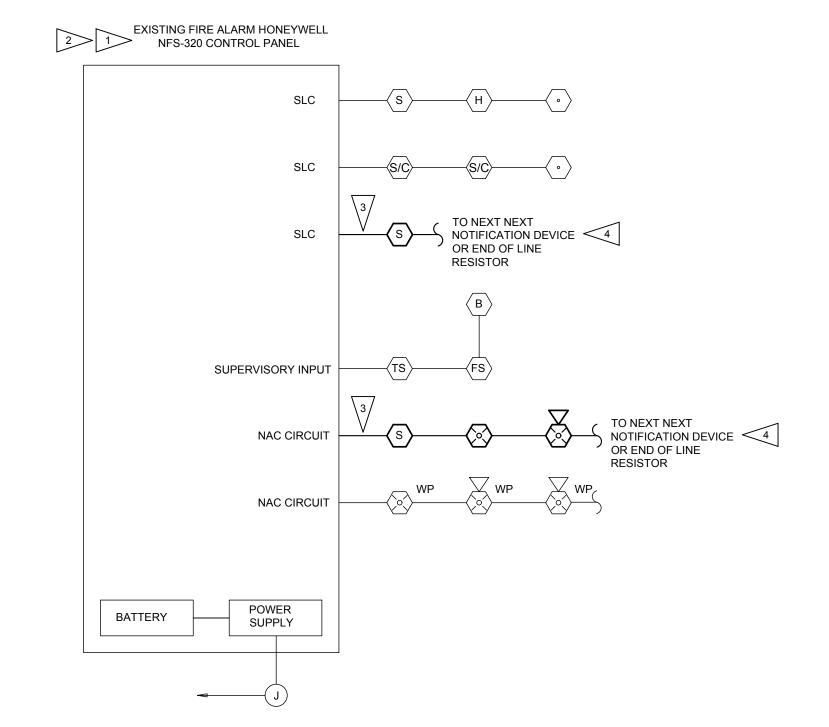
TYPICAL ACCESS CONTROL ROUGH IN

CALE: NTS

LUMINAIRE SEISMIC MOUNTING DETAIL

MAIN FLOOR WAP ACCESSIBLE CEILING MDF-1 – CAT6A JACK LOCATED EXISTING INCOMING FIBER -ABOVE ACCESSIBLE CEILING (1) 4PR 24 AWG CAT6A CABLE OR ON WALL FOR WIRELESS TO EACH CAMERA LOCATION. ACCESS POINTS (WAP) ALL TELECOM CABLES TO BE RUN IN 1-1/4"C TO SPACE ABOVE ACCESSIBLE CEILING - PROVIDE INSULATED BUSHINGS. TYPICAL OF ALL CONDUITS ABOVE - RJ45 DATA OUTLET WITH ACCESSIBLE CEILINGS. SINGLE PORT SURFACE MOUNT BOX, TYP. SEE SYSTEMS PLANS / SCHEDULES 000000 000000 000000 000000 **GENERAL NOTES** HORIZONTAL CABLE FOR DEVICE LOCATIONS. MANAGMENT, TYP. TELECOM PATCH PANEL, A. PROVIDE PATCH PANELS AND HORIZONTAL CABLE MANAGEMENT AS REQUIRED TO SUPPORT NEW DATA CABLING. B. PROVIDE ADEQUATE TELECOM CABLE SLACK FOR CONNECTION TO PATCH PANELS. OWNER SUPPLIED RJ45 DATA OUTLET, TYP. SEE **EQUIPMENT** SYSTEMS PLANS / SCHEDULES FOR DEVICE LOCATIONS AND NUMBER OF REQUIRED ACTIVE PORTS / BLANK PLATES. - EXISTING RACK MOUNTED PDU, TYP. - EXISTING RACK MOUNTED 00000000000000000 GROUNDING BAR, TYP. **BASEMENT**

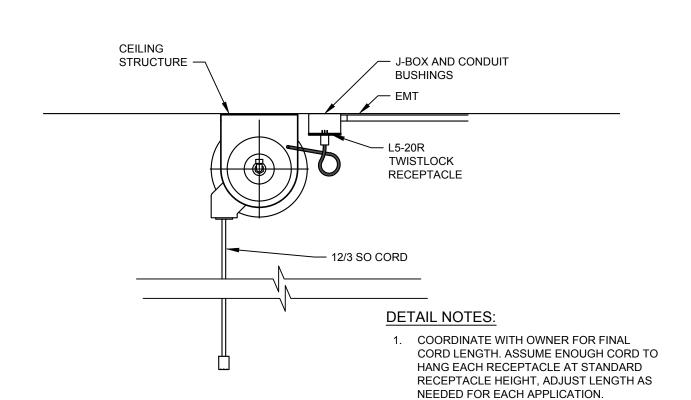
3 TELECOM RACK RISER DIAGRAM SCALE: NTS



DETAIL NOTES:

- 1 EXISTING FIRE ALARM SYSTEM TO REMAIN.
- 2 SEE POWER AND DEMO PLANS FOR LOCATION OF ALL EXISTING FIRE ALARM EQUIPMENT, DEVICES, ETC.
- SIZE CONDUIT AND WIRES IN ACCORDANCE WITH FIRE ALARM SYSTEM MANUFACTURER SHOP DRAWINGS AND SPECIFICATIONS.
- 4 PROVIDE NEW DEVICES AS INDICATED ON PLANS TO MATCH MANUFACTURER.

2 FIRE ALARM DETAIL







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www.buildingwork.design

PROJECT

Wenatchee Public Library Phase II Modernization

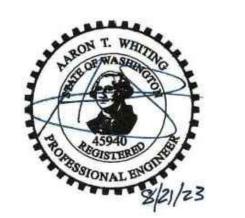
310 Douglas Street
Wenatchee, WA 98801

PREPARED FOR

North Central

Washington Libraries

REVISION DATE NAME





ELECTRICAL DETAILS

08/28/2023

BID SET

E701