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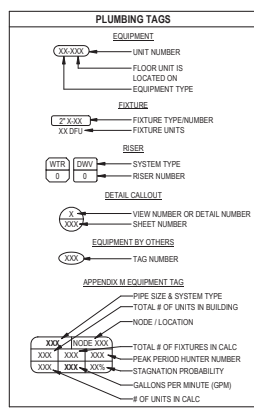
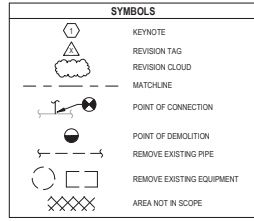
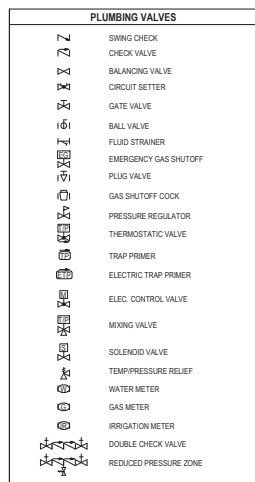
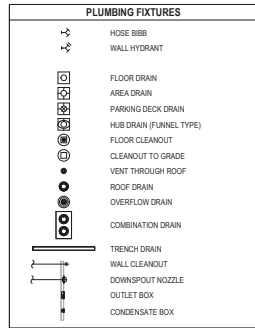
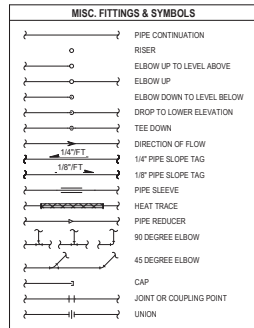
ABBREVIATIONS	
Ø	ROUND
AC	AIR CONDITIONING UNIT
ACC	AIR COOLING CONDENSER
ACCU	AIR COOLING CONDENSING UNIT
AD	AREA DRAIN
ADD	ADDENDUM
AFI	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
AP	ACCESS PANEL
ARCH	ARCHITECT/ARCHITECTURAL
AS	AIR SEPARATOR
B	BOILER
BFF	BELOW FINISHED FLOOR
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS PER HOUR
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MA	MAKE-UP AIR
MC	NOT IN CONTRACT
N	NUMBER
NIS	NOT TO SCALE
O	OXYGEN
ORD	OVERFLOW ROOF DRAIN
RD	PRESSURE DROP
PV	POST INDICATOR VALVE
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PWR	POWER
R	RELIEF AIR
RD	ROOF DRAIN
REC	RECESSED
RED	REDUCER
RH	RELATIVE HUMIDITY
RLA	RELIEF AIR
RM	ROOM
RP	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
RF	RAIN WATER
SF	SQUARE FOOT
SAN	SANITARY
SEP	SEWAGE ELECTOR PUMP
SF	SQUARE FOOT
SP	STANDPIPE
SP	STATIC PRESSURE
SP	SUMP PUMP
STM	STEAM
T	THERMOSTAT
TD	TEMPERATURE DROP
TDR	TRENCH DRAIN
TEMP	TEMPERATURE
TYP	TYPICAL
UG	UNDERGROUND
VAC	VACUUM
V	VENT
VENT	VENTILATION
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
WH	WATER HEATER
WHU	HEAT RECOVERY UNIT
HPWH	HEAT PUMP WATER HEATER
HW	HOT WATER
HWP	HEATING WATER PUMP
HX	HEAT EXCHANGER
HYD	HYDRANT
INDIRECT	INDIRECT
IN	INCH
INVERT	INVERT
POUND	POUND
LP	LOW PRESSURE
LPR	LOW PRESSURE PETROLEUM GAS
LOUVER	LOUVER
MAX	MAXIMUM
MNI	ONE THOUSAND BTU PER HOUR
MNI	ONE THOUSAND CUBIC FEET
MISC	MISCELLANEOUS
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MA	MAKE-UP AIR
MC	NOT IN CONTRACT
N	NUMBER
NIS	NOT TO SCALE
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TYP	TYPICAL
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VAC	VACUUM
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VENT	VENTILATION
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
WH	WATER HEATER
WHU	HEAT RECOVERY UNIT
HPWH	HEAT PUMP WATER HEATER

- ### PLUMBING GENERAL NOTES
- THE CONTRACTOR SHALL PROVIDE COMPLETE PLUMBING SYSTEMS AS DETAILED IN THESE DRAWINGS. WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT, AND SERVICES REQUIRED FOR COMPLETE SYSTEMS. INCLUDE ANY INCIDENTAL APPARATUS, APPLIANCES, MATERIAL LABOR AND SERVICES NECESSARY TO MAKE NEW WORK COMPLETE IN ALL RESPECTS AND FULLY READY FOR OPERATION.
 - UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL SUBMIT TO OWNER A COMPLETE O&M MANUAL, LISTING ALL EQUIPMENT AND FIXTURES INSTALLED.
 - FINAL PRODUCT SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE UNIFORM PLUMBING CODE AND/OR INTERNATIONAL PLUMBING CODE WITH PRIOR IAHJ APPROVAL.
 - ALL MATERIALS INSTALLED MUST HAVE PROPER LISTINGS REQUIRED BY APPLICABLE CODES INCLUDING BUT NOT LIMITED TO UPC/APRMS, NSF UNLESS RECEIVING PRIOR APPROVAL IN WRITING FROM AUTHORITY HAVING JURISDICTION (AHJ).
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW MANUFACTURER RECOMMENDED INSTALLATION INSTRUCTIONS AND START-UP PROCEDURES ON ANY EQUIPMENT SPECIFIED SUCH AS BOILERS, PUMPS AND FIXTURES. ANY DAMAGE TO EQUIPMENT OR PREMISES, PERSONAL INJURY OR EQUIPMENT FAILURE DUE TO NOT FOLLOWING MANUFACTURER INSTRUCTIONS IS THE INSTALLER'S RESPONSIBILITY.
 - UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP. ALL IDENTIFIED EXISTING EQUIPMENT TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER.
 - THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND EQUIPMENT. FINAL LOCATIONS OF EQUIPMENT SHALL BE FIELD DETERMINED. ALL DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING BEFORE SUBMISSION.
 - EQUIPMENT FOR OTHER DISCIPLINES MAY BE SHOWN FOR REFERENCE ONLY. REFER TO OTHER DISCIPLINES' DRAWINGS FOR MORE DETAIL REGARDING EQUIPMENT SPECIFICATIONS AND INFORMATION.
 - THE CONTRACTOR SHALL BE FAMILIAR WITH ALL CONDITIONS, BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS, AS WELL AS THOSE THAT CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED IN THIS PROJECT.
 - THE CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES TO ENSURE ANY CONFLICT IN LAYOUT, NEEDED SPACE, SHARED EQUIPMENT REQUIREMENTS ETC. IS ADDRESSED BEFORE INSTALLATION. NO ADJUSTMENTS CAN BE MADE, IF NECESSARY.
 - LOCATION AND INVERTS OF SITE UTILITIES SHALL BE FIELD VERIFIED BEFORE INSTALLATION. ROUTE DOMESTIC WATER, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS FOR CONTINUATION. FIRE PROTECTION DESIGN IS BY OTHERS.
 - REFER TO ARCHITECTURAL PLANS FOR THE EXACT LOCATION OF PLUMBING FIXTURES AND FLOOR DRAINS.
 - LOCATE PIPING AND EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT.
 - INSTALL EXPOSED PIPING AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
 - WHERE VALVES OCCUR ABOVE DRYWALL OR PLASTER OR ARE CONCEALED BEHIND WALLS, THE CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS. COORDINATE LOCATION, SIZE, COLOR AND STYLE WITH ENGINEER/ARCHITECT.
 - PROVIDE FIREPROOFING FOR ALL PENETRATIONS OF FIRE RATED ASSEMBLIES. FIREPROOFING MUST BE EQUIVALENT OR HIGHER TO THAT OF THE PENETRATED ASSEMBLY. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF FIRE RATED ASSEMBLIES.
 - COORDINATE UNDERGROUND PIPE ROUTING WITH CIVIL AND STRUCTURAL PLANS.
 - CONSULT STRUCTURAL ENGINEER OF RECORD FOR ALL STRUCTURAL PENETRATIONS.
 - COORDINATE LOCATION OF PLUMBING VENTS WITH MECHANICAL INTAKES AND ARCHITECTURAL PLANS. NO VENT THROUGH ROOF SHALL TERMINATE CLOSER THAN 10 FT TO ANY OUTSIDE AIR INTAKE OR VENTILATION LOUVERS, DOORS, WINDOWS, AND OTHER BUILDING OPENINGS. GROUP PLUMBING VENTS TOGETHER WHERE PRACTICAL.
 - WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING THE DRAIN BODY BY SEALING THE DRAIN OPENING BEFORE START OF WORK UNLESS DRAINS AT COMPLETION OF CONSTRUCTION.
 - FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMERS WHERE REQUIRED BY CODE.
 - PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
 - SANITARY WASTE PIPING SHALL BE SLOPED UNIFORMLY NOT LESS THAN 1/4 INCH PER FOOT. WHERE NOTED AND DEEMED NECESSARY AND APPROVED BY AHJ AND ENGINEER OF RECORD, WASTE PIPING 4" AND LARGER, MAY BE SLOPED NOT LESS THAN 1/8 INCH PER FOOT.
 - ALL SANITARY AND WATER PIPING UNDERGROUND SHALL BE A MINIMUM OF 12" BELOW GRADE OR FINISHED FLOOR UNLESS NOTED OTHERWISE.
 - WASTE AND VENT PIPING BELOW THE FLOOR AND THROUGH THE FLOOR SHALL BE 2" MINIMUM.
 - CLEANOUTS SHALL BE PROVIDED AS SHOWN AND WHERE REQUIRED BY CODE. INSTALL CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL WASTE PLUMBING RISERS BEFORE THE ENTRANCE TO BELOW GRADE. PROVIDE ALL SINKS AND LAVATORIES WITH SLIP JOINT TRAP FITTINGS FOR CLEANOUT.
 - PROVIDE LOW POINT DRAINS IN MAIN CW AND HW LINES WHEN SHUT OFF. MAY BE DRAINED TO ELIMINATE THE RISK OF FLOODING IN THE EVENT OF FUTURE UPGRADE OR REPAIR.
 - BALL VALVES SHALL BE INSTALLED SO THAT WHEN OPEN, THE HANDLE POINTS IN DIRECTION OF FLOW.
 - ALL HOT WATER PIPING SHALL BE INSULATED PER THE GOVERNING ENERGY CODE.
 - PROVIDE DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN ELECTROLYSIS-PRODUCING DISSIMILAR PIPING METALS.
 - PROVIDE HAMMER ARRESTORS AT ALL FAST-CLOSING VALVES.
 - PROVIDE DISINFECTION OF POTABLE WATER PIPING SYSTEMS PER CODE REQUIREMENTS.

*NOTE:
ALL OF THE GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

PIPING SYSTEMS

---	Z	PIPE SIZE TAG (DIAMETER)
---	---	ABOVE GROUND PIPING
---	---	BELOW GROUND PIPING
---	(E)	EXISTING PIPE TAG
---	---	PIPING BEING DEMOLISHED
---	CD	CONDENSATE DRAINAGE
---	G	NATURAL GAS
---	MG	NATURAL GAS (MEDIUM PRESSURE)
---	NG	NATURAL GAS VENT
---	PG	PROPANE GAS
---	PGV	PROPANE GAS VENT
---	CA	COMPRESSED AIR
---	CW	DOMESTIC COLD WATER
---	F-CW	FILTERED COLD WATER
---	RO	REVERSE OSMOSIS WATER
---	HW	HOT WATER
---	HW 140"	HOT WATER 140"
---	HW-R	HOT WATER RECIRCULATION
---	HW-R 140"	HOT WATER RECIRCULATION 140"
---	GW	GREASE VENT
---	GW	GREASE WASTE
---	IW	INDIRECT WASTE
---	OW	OIL WASTE
---	OW	OIL WASTE VENT
---	PD	PUMP DISCHARGE
---	V	SANITARY VENT
---	W	SANITARY SEWER (WASTE)
---	SHWR	SOLAR HOT WATER RETURN
---	SHWS	SOLAR HOT WATER RETURN
---	SD	STORM DRAINAGE
---	OSD	OVERFLOW STORM DRAINAGE



PLUMBING SHEET INDEX

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P203	DETAILS

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COVER SHEET

5305 e 18th St. VANCOUVER WA 98661

PROJECT NO: 25468

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WASHINGTON STATE BUILDING CODE CHAPTER 11 ACCESSIBILITY	
NOTE	DESCRIPTION
1	WATER CLOSETS: THE HEIGHT OF WATER CLOSETS SHALL BE A MINIMUM OF 17 INCHES AND A MAXIMUM OF 19 INCHES MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT SPRING TO RETURN TO A LIFTED POSITION. THE FORCE TO ACTIVATE FLUSH VALVES SHALL NOT BE HIGHER THAN 5 POUNDS AND SHALL PERMIT OPERATION BY WRIST OR ARM PRESSURE ON THE ACCESS SIDE OF THE FIXTURE.
3	LAVATORIES AND SINKS: FAUCET CONTROL HANDLES SHALL BE LOCATED NOT MORE THAN 17 INCHES FROM THE FRONT EDGE OF THE LAVATORY/SINK OR COUNTER. THE FORCE TO ACTIVATE VALVES SHALL NOT BE GREATER THAN 5 POUNDS AND SHALL PERMIT OPERATION BY WRIST OR ARM PRESSURE. SELF-CLOSING VALVES SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS PER OPERATION. HOT WATER AND DRAIN PIPES EXPOSED UNDER LAVATORIES AND SINKS SHALL BE INSULATED.

PIPING VOLUME AND MAXIMUM PIPING LENGTHS			
NOMINAL PIPE SIZE (IN)	VOLUME (LIQUID OUNCES PER FOOT LENGTH)	MAXIMUM PIPING LENGTH (FT)	
		PUBLIC LAVATORY FAUCETS	OTHER FIXTURES & APPLIANCES
1/4	0.33	5	50
5/16	0.5	4	50
3/8	0.75	3	50
1/2	1.5	2	43
5/8	2	1	32
3/4	4	0.5	21
7/8	4	0.5	16
1	5	0.5	13
1-1/4	8	0.5	8
1-1/2	11	0.5	6
2 OR LARGER	18	0.5	4

GENERAL NOTES:
A. TABLE IS BASED TABLE C404.3.1 FROM WSEC AND LEED V4 FOR HOMES.

SYSTEM	FLUID OPERATING TEMPERATURE RANGE (°F)	INSULATION CONDUCTIVITY			NOMINAL PIPE OR TUBE DIAMETER (IN)			
		CONDUCTIVITY (BTU-IN/HR-SF-°F)	MEAN RATING TEMPERATURE (°F)	< 1	1 TO < 1-1/2	1-1/2	> 2	
								NOMINAL INSULATION THICKNESS (IN)
DOMESTIC HOT WATER SUPPLY/RETURN	105 - 140	0.21 - 0.28	100	1.0	1.0	1.5	2.0	
DOMESTIC COLD WATER, ABOVE & BELOW GRADE TRAPS AND TRAP PRIMER LINES (UNHEATED SPACES)	40 - 60	0.21 - 0.27	75	0.5	0.5	1.0	1.0	

GENERAL NOTES:
A. MINIMUM PIPE INSULATION PER CURRENT ASHRAE 90.1, LOCAL ENERGY AND PLUMBING CODES.
B. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
C. FOR PIPING SMALLER THAN 1-1/2 INCH AND LOCATE IN PARTITIONS WITHIN CONDITIONED SPACES. REDUCTION FOR THESE THICKNESSES BY 1 INCH (25 MM) SHALL BE PERMITTED (BEFORE THICKNESS ADJUSTMENT REQUIRED IN NOTE 1) BUT NOT TO A THICKNESS LESS THAN 1 INCH.
D. FOR DIRECT-BURIED HEATING AND HOT WATER SYSTEM PIPING, REDUCTION OF THESE THICKNESSES BY 1-1/2 INCHES SHALL BE PERMITTED (BEFORE THICKNESS ADJUSTMENT REQUIRED IN NOTE D) BUT NOT TO THICKNESSES LESS THAN 1 INCH.

DISINFECTION OF POTABLE WATER SYSTEM	
NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE WHERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION. THE METHOD TO BE FOLLOWED SHALL BE THAT PRESCRIBED BY THE HEALTH AUTHORITY OR, IN CASE NO METHOD IS PRESCRIBED BY IT, THE FOLLOWING:	
THE PIPE SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL POTABLE WATER APPEARS AT THE POINT OF THE OUTLET	
THE SYSTEM OF PARTS THEREOF SHALL BE FILLED WITH A WATER-CHLORINE SOLUTION CONTAINING NOT LESS THAN 50 PARTS PER MILLION OF CHLORINE. AND THE SYSTEM OR PART THEREOF SHALL BE VALVED-OFF AND ALLOWED TO STAND FOR 24 HOURS. OR, THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER-CHLORINE SOLUTION CONTAINING NOT LESS THAN 200 PARTS PER MILLION OF CHLORINE AND ALLOWED TO STAND FOR 3 HOURS.	
FOLLOWING THE ALLOWED STANDING TIME, THE SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL THE CHLORINE RESIDUAL IN THE WATER COMING FROM THE SYSTEM DOES NOT EXCEED THE CHLORINE RESIDUAL IN THE FLUSHING WATER.	
THE PROCEDURE SHALL BE REPEATED WHEN A STANDARD BACTERIOLOGICAL TEST FOR DRINKING WATER, PERFORMED BY A LABORATORY CERTIFIED FOR DRINKING WATER IN WASHINGTON STATE, SHOWS UNSATISFACTORY RESULTS INDICATING THAT CONTAMINATION PERSISTS IN THE SYSTEM.	

PLUMBING FIXTURE SCHEDULE													
ID	ADA (Y/N)	TYPE	DESCRIPTION	BASIS OF DESIGN MANUFACTURER & MODEL NUMBER			ROUGH-IN SIZE (IN)				GPM	GPF	NOTES
				COMPONENT	MANUFACTURER	MODEL	W	V	CW	HW			
WC-1	N	WATER CLOSET	WALL MOUNTED BOWL, CHROME PLATED MANUAL FLUSH VALVE	BOWL	AMERICAN STANDARD	2257.101	4	2	1-1/4	-	-	1.28	3.4,6
				VALVE	SLOAN ROYAL	111 MANUAL							
WC-2	Y	WATER CLOSET	WALL MOUNTED BOWL, CHROME PLATED MANUAL FLUSH VALVE	BOWL	AMERICAN STANDARD	2257.101	4	2	1-1/2	-	-	1.28	3.4,5,6
				VALVE	SLOAN ROYAL	111 MANUAL							
LV-1	Y	LAVATORY SINK	WALL MOUNTED, BATTERY OPERATED SENSOR FAUCET	BOWL	AMERICAN STANDARD	358.015	1-1/2	1-1/4	1/2	1/2	0.5	-	1.2,8
FAUCET				FAUCET	DELTA	5911258							

GENERAL NOTES:
A. FINAL FIXTURE SELECTION TO BE COORDINATED WITH ARCHITECT AND OWNER.
B. MAXIMUM ALLOWABLE PLUMBING FIXTURE FLOW RATES PER STATE OF WASHINGTON, WAC 51-56-0400 INDICATED BELOW. THE JURISDICTION OF THE PROJECT LOCATION SHALL DICTATE MAXIMUM ALLOWABLE FLOW RATES.
WATER CLOSET FLUSH VALVES = 1.28 GALLONS (EXCEPTIONS FOR DAYCARE, BED PAN WASHERS AND BLOWOUT BOWL STYLE WATER CLOSETS = 3.5 GALLONS)
RESIDENTIAL COMMON LAVATORY = 5 GPM

NOTES:
1. PROVIDE UNDER LAV TRAP PROTECTOR.
2. PROVIDE A THERMOSTATIC MIXING VALVE (TMV-1) FOR HAND WASHING SINK.
3. PROVIDE HAMMER ARRESTOR ON COLD WATER LINE SERVING FLUSH VALVE FIXTURE PER PLUMBING CODE. PROVIDE ACCESS PANEL AND COORDINATE FINAL LOCATION WITH OWNER AND ARCHITECT.
4. PROVIDE WITH BEMIS 1955CT TOILET SEAT.
5. INSTALL FLUSH HANDLE TOWARDS OPEN SIDE OF ROOM.
6. MOUNT AT HEIGHT SPECIFIED BY ARCHITECTURAL DETAILS.

PLUMBING DESIGN CRITERIA	
DOMESTIC WATER PIPING SYSTEM: BASIS OF DESIGN: 2021 WASHINGTON STATE PLUMBING CODE, APPENDIX A RECOMMENDED RULES FOR SIZING THE WATER SUPPLY SYSTEM. PIPING SIZED ON 4 PSI/100 FT. DROP, VELOCITIES NOT TO EXCEED 8 FT./SEC. (COLD WATER) AND NOT TO EXCEED 5 FT./SEC. (HOT WATER).	
WASTE AND VENT PIPING SYSTEM: BASIS OF DESIGN: 2021 WASHINGTON STATE PLUMBING CODE, CHAPTER 7, 'SANITARY DRAINAGE'. ALL WASTE PIPING SIZED AT 1/4"FT. SLOPE UNLESS OTHERWISE NOTED.	

DRAINS AND CLEANOUTS SCHEDULE				
ID	DESCRIPTION	MANUFACTURER & MODEL	TRAP PRIMER CONNECTION (Y/N)	NOTES
FD-1	FLOOR DRAIN	SIoux CHIEF 832-XPNR	Y	FINISHED AREAS, SET FLUSH WITH FINISH FLOOR. PRIME TRAP PER LOCAL CODE. USE 833-2PNR IF WATER SEALING MEMBRANE IS REQUIRED. SEE PLAN FOR SIZE.
FCC-1	FLOOR CLEANOUT	SIoux CHIEF 832-C3PNR	-	CAST IRON BODY, TAPERED BRONZE PLUG, FLASHING FLANGE, VANDAL RESISTANT
WCO-1	WALL CLEANOUT	SIoux CHIEF 873 SERIES	-	CAST IRON BODY, TAPERED BRONZE PLUG, HUBLESS CONNECTIONS, SS COVER WITH SCREW

GENERAL NOTES:
A. PROVIDE TRAP PRIMER TO ALL FLOOR DRAINS NOT RECEIVING DISCHARGE FROM A LISTED PLUMBING FIXTURE.

THERMOSTATIC MIXING VALVE SCHEDULE															
ID	LOCATION	SERVICE	SERVICE	MANUFACTURER	MODEL	FLOW (GPM)		DESIGN PRESSURE DROP (PSI)	INLET SIZE (IN)	OUTLET SIZE (IN)	COLD WATER INLET TEMP (F)	HOT WATER INLET TEMP (F)	OUTLET SETPOINT (F)	NOTES	
						MIN	MAX								
TMV-1	FAUCETS	HAND WASH SINKS	THERMOSTATIC	CALEFFI	5212	0.35	2.3	0.5	0.9	3/8	3/8	50	120	105	1,2

NOTES:
1. PROVIDE MIXING VALVE COMPLIANT WITH ASSE 1070.
2. INSTALL MIXING VALVE ON ALL HAND WASHING SINKS INCLUDING LAVATORY FAUCETS IN RESTROOMS PER CODE AND ADDITIONALLY AS INDICATED ON PLANS.

TRAP PRIMER SCHEDULE									
ID	LOCATION	SERVICE	MANUFACTURER	MODEL	WATER SOURCE	WATER CONNECTION SIZE (IN)	# TRAPS CONNECTED	NOTES	
TP-101	ACCESSIBLE RR 107	FLOOR DRAINS	SIoux CHIEF	695-ER5	COLD WATER	1/2	1-5	1,2	
TP-102	ACCESSIBLE RR 104	FLOOR DRAINS	SIoux CHIEF	695-ER5	COLD WATER	1/2	1-5	1,2	

GENERAL NOTES:
A. PROVIDE ACCESS PANELS IN AREAS THAT WILL BE COVERED.

NOTES:
1. PROGRAM PER MANUFACTURER'S RECOMMENDATIONS.
2. COORDINATE WITH DIVISION 26 TO PROVIDE 120V/1P PLUG.

COPPER PIPE SIZING				
PIPE SIZE (IN)	MAX FLOW (GPM)	FLUSH TANK MAXIMUM FIXTURE UNITS	FLUSH VALVE MAXIMUM FIXTURE UNITS	
ALL WATER SIZES PER 2021 UPC				
COLD WATER				
1/2	1.75	0	-	-
3/4	4.3	4	-	-
1	9	12	-	-
1-1/4	17	24	-	-
1-1/2	26	44	9	-
2	54	146	57	-
2-1/2	100	380	245	-
3	160	692	631	-
4	320	1926	1926	-
HOT WATER				
1/2	1.75	0	-	-
3/4	4.3	4	-	-
1	9	12	-	-
1-1/4	17	24	-	-
1-1/2	26	44	9	-
2	49	123	46	-
2-1/2	78	264	140	-
3	120	479	365	-
RECIRC HOT WATER				
1/2	1.2	-	-	-
3/4	2.9	-	-	-
1	4.9	-	-	-
1-1/4	6.8	-	-	-
1-1/2	12	-	-	-
2	20	-	-	-
2-1/2	31	-	-	-
3	42	-	-	-

NOTES:
A. SIZING BASED ON 2021 UPC APPENDIX A RECOMMENDED RULES FOR SIZING THE WATER SUPPLY SYSTEM. CHART A105.1 (3).



5305 s 18th St. VANCOUVER, WA 98661

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SCHEDULES

PERMIT SET	2026.04.27	DATE
MARK	12/23/2025	DATE



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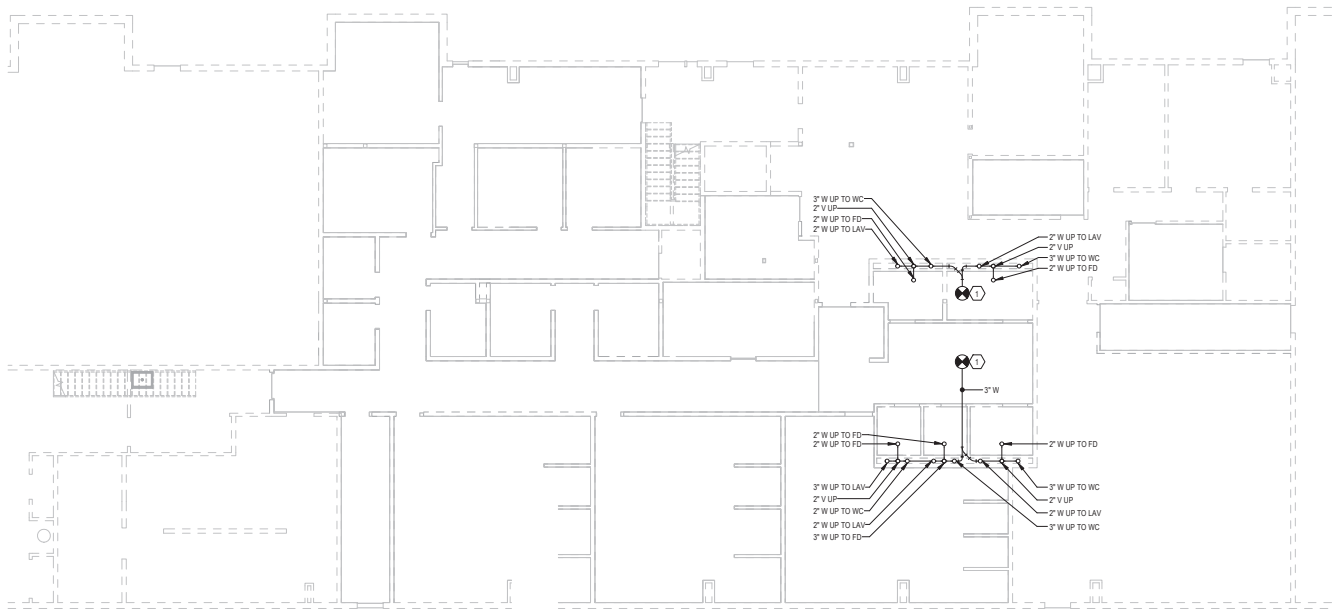
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C

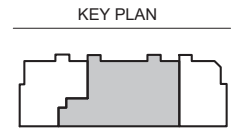
B

A

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



- GENERAL SHEET NOTES:**
- A. EXISTING DENTAL LAB SPACE IS TO BE DEMOLISHED AND CONVERTED TO AN ESD 112 LEARNING CENTER.
 - B. THESE DRAWINGS ARE INTENDED FOR PERMIT REVIEW ONLY AND ARE NOT TO BE USED FOR BIDDING OR CONSTRUCTION. ANY USE OF THESE DRAWINGS FOR PURPOSES OTHER THAN PERMIT REVIEW SHALL BE THE RESPONSIBILITY OF THE USER. REFER TO THE OWNER FOR INFORMATION REGARDING BIDDING AND CONSTRUCTION DOCUMENTS.
- KEYNOTES:**
- 1. CONNECT NEW WASTE PIPING TO PIPING SERVING EXISTING RESTROOM. PROVIDE FLOOR CLEAN OUT FCO-1 AT POINT OF CONNECTION FOR TESTING PURPOSES. EXISTING WASTE LINE EXPECTED TO BE 4".

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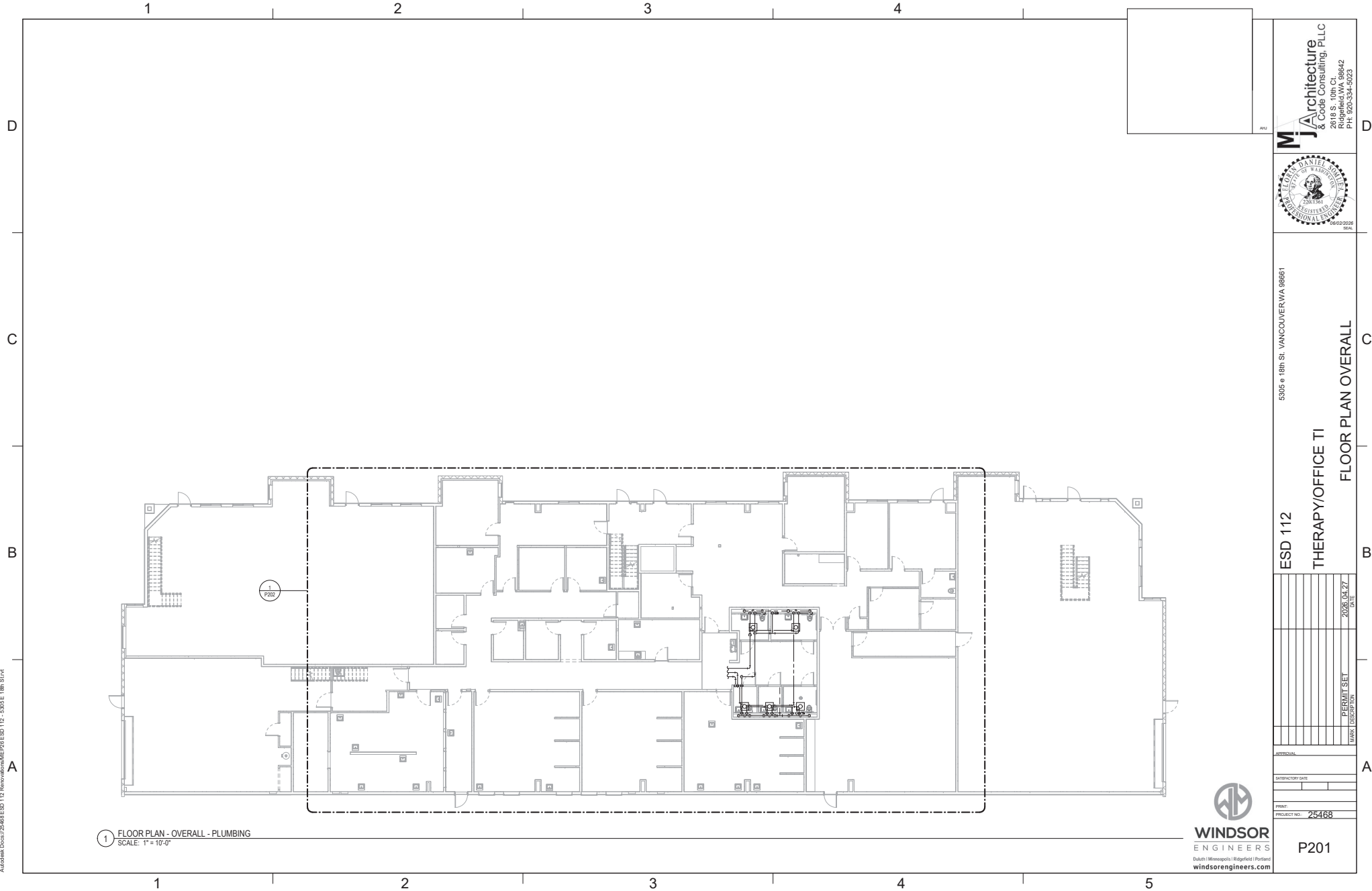
ESD 112
THERAPY/OFFICE T1
UNDERFLOOR PLAN

DATE	2016.04.27
MARK	DESCRIP
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SATISFACTORY DATE	
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PROJECT NO.	25468

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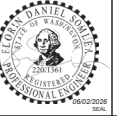
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① FLOOR PLAN - OVERALL - PLUMBING
SCALE: 1" = 10'-0"



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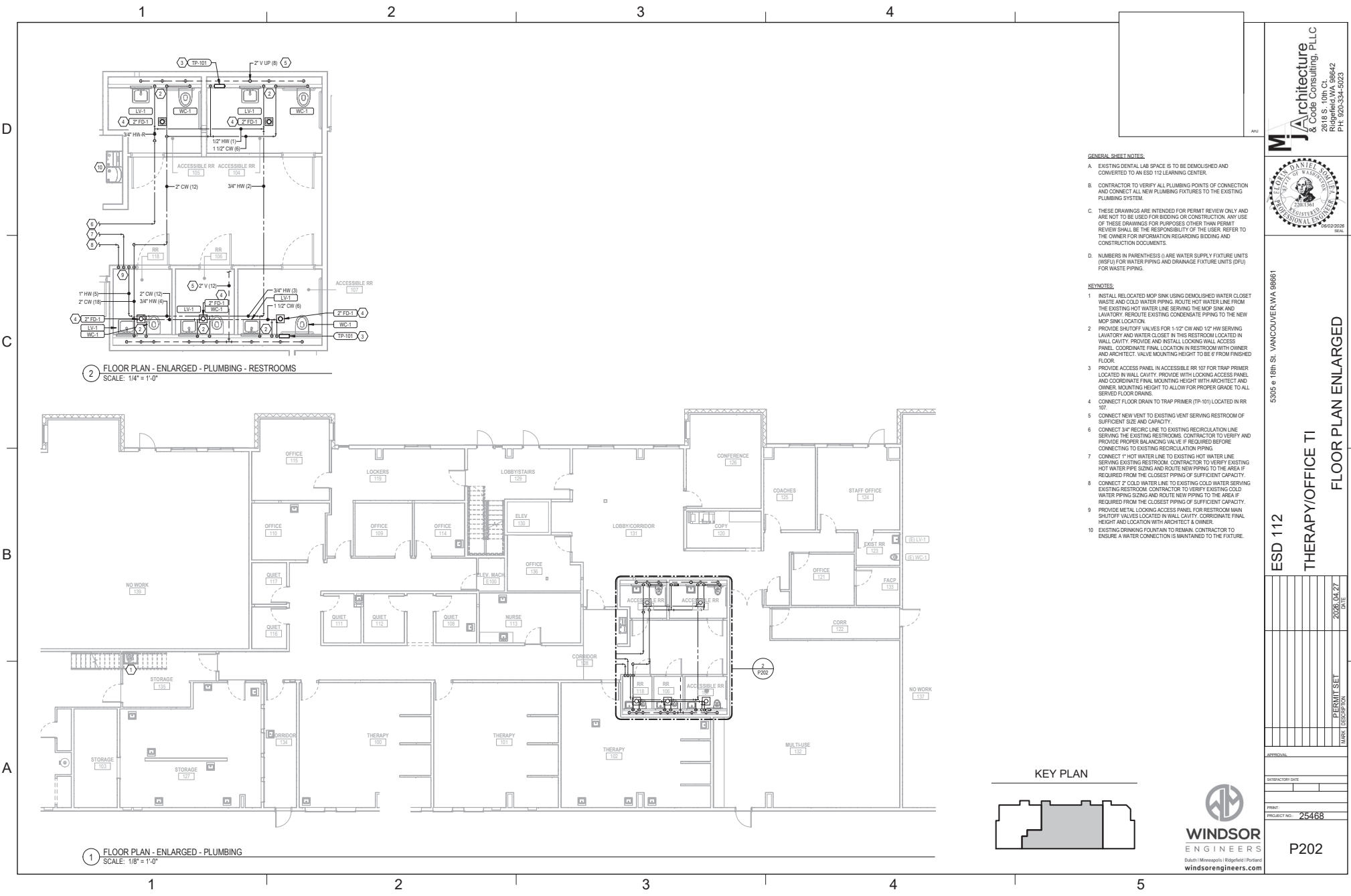
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THERAPY/OFFICE TI
FLOOR PLAN OVERALL

MARK	DESCRIPTION	DATE
	PERMIT SET	2/20/16 04:27

APPROVAL	
SATISFACTORY DATE	
PRINT	
PROJECT NO.	25468

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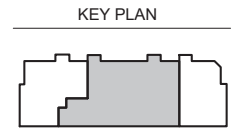
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 Author: jason@windsorengineers.com
 Project: ESD 112 - THERAPY/OFFICE TI



2 FLOOR PLAN - ENLARGED - PLUMBING - RESTROOMS
 SCALE: 1/4" = 1'-0"

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

- GENERAL SHEET NOTES:**
- A. EXISTING DENTAL LAB SPACE IS TO BE DEMOLISHED AND CONVERTED TO AN ESS 112 LEARNING CENTER.
 - B. CONTRACTOR TO VERIFY ALL PLUMBING POINTS OF CONNECTION AND CONNECT ALL NEW PLUMBING FIXTURES TO THE EXISTING PLUMBING SYSTEM.
 - C. THESE DRAWINGS ARE INTENDED FOR PERMIT REVIEW ONLY AND ARE NOT TO BE USED FOR BIDDING OR CONSTRUCTION. ANY USE OF THESE DRAWINGS FOR PURPOSES OTHER THAN PERMIT REVIEW SHALL BE THE RESPONSIBILITY OF THE USER. REFER TO THE OWNER FOR INFORMATION REGARDING BIDDING AND CONSTRUCTION DOCUMENTS.
 - D. NUMBERS IN PARENTHESES () ARE WATER SUPPLY FIXTURE UNITS (WSFU) FOR WATER PIPING AND DRAINAGE FIXTURE UNITS (DFU) FOR WASTE PIPING.
- KEYNOTES:**
1. INSTALL RELOCATED MOP SINK USING DEMOLISHED WATER CLOSET WASTE AND COLD WATER PIPING. ROUTE HOT WATER LINE FROM THE EXISTING HOT WATER LINE SERVING THE MOP SINK AND LAVATORY. REROUTE EXISTING CONDENSATE PIPING TO THE NEW MOP SINK LOCATION.
 2. PROVIDE SHUTOFF VALVES FOR 1-1/2" CW AND 1/2" HW SERVING LAVATORY AND WATER CLOSET IN THIS RESTROOM LOCATED IN WALL CAVITY. PROVIDE AND INSTALL LOCKING WALL ACCESS PANEL. COORDINATE FINAL LOCATION IN RESTROOM WITH OWNER AND ARCHITECT. VALVE MOUNTING HEIGHT TO BE 6" FROM FINISHED FLOOR.
 3. PROVIDE ACCESS PANEL IN ACCESSIBLE RR 107 FOR TRAP PRIMER LOCATED IN WALL CAVITY. PROVIDE WITH LOCKING ACCESS PANEL AND COORDINATE FINAL MOUNTING HEIGHT WITH ARCHITECT AND OWNER. MOUNTING HEIGHT TO ALLOW FOR PROPER GRADE TO ALL SERVED FLOOR DRAINS.
 4. CONNECT FLOOR DRAIN TO TRAP PRIMER (TP-101) LOCATED IN RR 107.
 5. CONNECT NEW VENT TO EXISTING VENT SERVING RESTROOM OF SUFFICIENT SIZE AND CAPACITY.
 6. CONNECT 3/4" REIRC. LINE TO EXISTING RECIRCULATION LINE SERVING THE EXISTING RESTROOMS. CONTRACTOR TO VERIFY AND PROVIDE PROPER BALANCING VALVE IF REQUIRED BEFORE CONNECTING TO EXISTING RECIRCULATION PIPING.
 7. CONNECT 1" HOT WATER LINE TO EXISTING HOT WATER LINE SERVING EXISTING RESTROOM. CONTRACTOR TO VERIFY EXISTING HOT WATER PIPE SIZING AND ROUTE NEW PIPING TO THE AREA IF REQUIRED FROM THE CLOSEST PIPING OF SUFFICIENT CAPACITY.
 8. CONNECT 2" COLD WATER LINE TO EXISTING COLD WATER SERVING EXISTING RESTROOM. CONTRACTOR TO VERIFY EXISTING COLD WATER PIPING SIZING AND ROUTE NEW PIPING TO THE AREA IF REQUIRED FROM THE CLOSEST PIPING OF SUFFICIENT CAPACITY.
 9. PROVIDE METAL LOCKING ACCESS PANEL FOR RESTROOM MAIN SHUTOFF VALVES LOCATED IN WALL CAVITY. COORDINATE FINAL HEIGHT AND LOCATION WITH ARCHITECT & OWNER.
 10. EXISTING DRINKING FOUNTAIN TO REMAIN. CONTRACTOR TO ENSURE A WATER CONNECTION IS MAINTAINED TO THE FIXTURE.



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FLOOR PLAN ENLARGED

DATE	2/20/2016	BY	JM
DESCRIPTION	PERMIT SET	MARK	DESCRIP

APPROVAL	
SATISFACTORY DATE	
PRINT	PROJECT NO: 25468
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10144 REGISTERED ARCHITECT
Michelle J. Anderson
 MICHELLE J. ANDERSON
 STATE OF WASHINGTON
 SEAL

5305 E. 16th St. VANCOUVER, WA 98661

ESD 112

THERAPY/OFFICE TI
 COVER SHEET & CODE SUMMARY

DATE	2026.04.30
PROJECT NO.	2026.00
MARK	2026.04.27
PERMIT REVISIONS	2026.04.27
DATE	2026.04.27

DATE	2026.04.30
PROJECT NO.	2026.00
MARK	2026.04.27
PERMIT REVISIONS	2026.04.27
DATE	2026.04.27

001 A0.0

GENERAL PROJECT NOTES

- A. THESE DOCUMENTS AND NOTES ARE INTENDED TO BE SUPPLEMENTED BY AN OWNER/CONTRACTOR AGREEMENT. THE CONTRACTOR SHALL GUARANTEE ALL WORK AGAINST DEFECTS FOR THE LENGTH OF TIME SPECIFIED IN THE OWNER/CONTRACTOR AGREEMENT.
- B. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUBCONTRACTORS WITH ALL INFORMATION IN REGARDS TO FULL SCOPE OF PROJECT AND THEIR RESPECTIVE TRADES.
- C. EVERY EFFORT HAS BEEN MADE TO ENSURE THESE DOCUMENTS ARE CONCISE AND COORDINATED. KEEP IN MIND THAT AN INDIVIDUAL SUBCONTRACTOR, TRADER, SUPPLIER OR MANUFACTURER'S SCOPE OF WORK MAY BE DEFINED IN VARIOUS PLACES THROUGH THESE AND OTHER DISCIPLINE DRAWINGS. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AS WELL AS ALL SPECIFICATIONS AND CONTRACT DOCUMENTS TO UNDERSTAND THE FULL SCOPE OF WORK FOR THE PROJECT. ALL USERS OF THESE DRAWINGS SHOULD REVIEW THE DRAWINGS AND SPECIFICATIONS IN THEIR ENTIRETY.
- D. ALL WORK SHALL CONFORM TO APPLICABLE BUILDING CODES AND ORDINANCES. IN CASE OF ANY CONFLICT WHEREIN THE METHODS OR STANDARDS OF INSTALLATION OR THE MATERIALS SPECIFIED DO NOT EQUAL OR EXCEED THE REQUIREMENTS OF THE LAWS OR ORDINANCES, THE LAWS OR ORDINANCES SHALL GOVERN.
- E. CONFORM TO AGENCY INSPECTOR'S COMMENTS AND CORRECTIONS. NOTIFY THE ARCHITECT OF ALL CONFLICTS IMMEDIATELY AND BEFORE PROCEEDING, AND ESPECIALLY IF INSPECTOR REQUIREMENTS CHANGE OR ADD TO APPROVED PLANS AND CONTRACT DOCUMENTS.
- F. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FULLY AWARE OF ANY AND ALL CONDITIONS RELATED TO THE SITE AND EXISTING BUILDING CONDITIONS THAT MAY AFFECT THE COST OR SCHEDULING OF CONSTRUCTION ACTIVITIES. PRIOR TO SUBMITTING A BID OR COMMENCING WORK.
- G. VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE, INCLUDING THOSE SHOWN ON ANY RECORD DRAWINGS PROVIDED, AND CONDITIONS RELATED TO THE LOCATION OF EXISTING UTILITIES AND SERVICES BEFORE BEGINNING WORK AND BE RESPONSIBLE FOR THE ABOVE. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
- H. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL RESOLVE, AT NO COST TO THE OWNER AND TO THE SATISFACTION OF THE ARCHITECT, ANY AND ALL CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES ARISING FROM ERRORS IN COORDINATION BETWEEN TRADES.
- I. DO NOT SCALE DRAWINGS OR DETAILS. USE GIVEN DIMENSIONS. CHECK DETAILS FOR LOCATION OF ALL ITEMS NOT DIMENSIONED ON PLANS.
- J. THE DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION, WHERE CONDITIONS ARE NOT SPECIFICALLY DETAILED BUT ARE OF SIMILAR CHARACTER TO OTHER DETAILS PROVIDED. SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED. SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.
- K. BUILDING SYSTEMS AND COMPONENTS NOT SPECIFICALLY DETAILED SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. NOTIFY THE ARCHITECT OF ANY RESULTING CONFLICTS PRIOR TO COMMENCING WORK.
- L. COORDINATE ALL CONSTRUCTION LOGISTICS AND OPERATIONS SUCH AS MATERIAL STORAGE AREAS, ACCESS TO AND FROM WORK, AND TRAFFIC OF WORK WITH THE ARCHITECT AND OWNER. THE GENERAL CONTRACTOR IS TO MAINTAIN AND PREVENT INTERFERENCE WITH EXISTING OCCUPIED AREAS AND ADJACENT PROPERTIES DURING CONSTRUCTION. HOURS OF OPERATION AND CONSTRUCTION ARE TO BE IN COMPLIANCE WITH LOCAL CODES AND ORDINANCES AND TO BE COORDINATED WITH THE OWNER. COORDINATE WITH OWNER FOR REQUIRED PARKING AND BUILDING ACCESS.
- M. INSTALL DUST BARRIERS, BARRICADES, GUARDS AND OTHER PROTECTION AS REQUIRED TO PROTECT INSTALLED FINISHES AND FACILITIES. AS WELL AS HUMAN SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INJURY OF ANY KIND TO ALL PERSONS WHICH RESULTS FROM WORK ON OR RELATED TO THIS PROJECT.
- N. TAKE EVERY PRECAUTION TO PROTECT EXISTING PROPERTY FROM DAMAGE DUE DIRECTLY OR INDIRECTLY FROM THE CONTRACTOR'S WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SUCH DAMAGE.
- O. ITEMS OR SYSTEMS INCLUDED IN THE CONSTRUCTION DOCUMENTS WHICH ARE TO BE "BIDDER DESIGNED" OR ARE PROVIDED BY OTHERS MUST BE SUBMITTED TO THE ARCHITECT AND ENGINEERS FOR REVIEW TO DETERMINE IF THE SUBMITTALS ARE IN CONFORMANCE WITH THE GENERAL DESIGN INTENT. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO CONFORM TO THE REQUIREMENTS OF ALL CODES AND THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF BIDDER DESIGNED ITEMS WITH THE STRUCTURAL SYSTEM AND FRAMING. CONFLICTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION OR INSTALLATION.
- P. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING ANY ADDITIONAL PERMITS REQUIRED BY THE JURISDICTION FOR THE INSTALLATION OF ELECTRICAL, MECHANICAL OR SPECIALTY EQUIPMENT OR SYSTEMS AND FOR ANY PERMITS REGARDING HEALTH, ENVIRONMENTAL OR OTHER PROJECT OR JOB SITE SAFETY CONCERNS.
- Q. IT IS THE RESPONSIBILITY OF EACH CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE INSTALLATION OF THEIR WORK. ANY DISCREPANCY BETWEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTING ENGINEER(S) OR OTHER SUPPLEMENTARY DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION BY WRITTEN NOTIFICATION FOR CLARIFICATION. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- R. PROVIDE TEMPORARY BRACING FOR STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED.
- S. THE DRAWINGS AND DETAILS HAVE BEEN PREPARED USING SPECIFIC PRODUCTS OR MANUFACTURERS AS THE BASIS OF DESIGN. NAMES, DIMENSIONS OR DETAILS FROM THESE MANUFACTURERS MAY CHANGE BETWEEN DESIGN AND ACTUAL CONSTRUCTION OR INSTALLATION. EQUIVALENT PRODUCTS FROM OTHER MANUFACTURERS WHICH MEET WITH THE DESIGN INTENT AND THE REQUIREMENTS OF THE SPECIFICATIONS ARE ALSO ACCEPTABLE. THEREFORE, ACTUAL DIMENSIONS AND DETAILS MAY DIFFER FROM THOSE SHOWN. CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED INTO THE WORK AND IS RESPONSIBLE FOR SUBMITTING DISCREPANCIES AND SUBSTITUTIONS TO THE ARCHITECT AND FOR ACCOMMODATING AND COORDINATING DETAIL ALTERATIONS RESULTING FROM THESE CHANGES.
- T. THESE DRAWINGS ARE TO SHOW DESIGN INTENT ONLY. MEANS AND METHODS OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL CLARIFICATIONS OF DESIGN INTENT ARE TO BE MADE REFERRING TO THE ARCHITECT OR ENGINEERS RESPONSIBLE FOR THE DESIGN DRAWINGS.

BUILDING "CONSTRUCTION" DATA

602.2 TYPE OF CONSTRUCTION: V-B
 903.2 FIRE PROTECTION: SPRINKLERED
 907 & NFPA 72 FIRE ALARM
 TABLE 906.3(1) TYPE 2-A EXTINGUISHERS LOCATED NOT MORE THAN 75' APART

304 OCCUPANCY: B (OFFICE), ACCESSORY OCCUPANCIES: A-2 (ASSEMBLY), S-1 (STORAGE)
 A SPACE USED FOR ASSEMBLY PURPOSES WITH AN OCCUPANT LOAD OF LESS THAN 50 PERSONS OR AREA LESS THAN 750 SQ FT SHALL BE CLASSIFIED AS AN ACCESSORY TO THE PRIMARY OCCUPANCY OF THAT BUILDING

504.3 BUILDING HEIGHT: 07' ALLOWED, EXISTING TO REMAIN: 24' STORES

504.4 ALLOWED STORES: 3-STORIES(B); A-2 & S-1 2 STORIES, EXISTING TO REMAIN: 2 STORES

TABLE 506.2 ALLOWABLE BUILDING AREAS:
 B & S-1: 3M 27,000 SF
 A-2: 3M 18,000 SF

EXISTING BLDG: FIRST FLR: 17,762 SF, 2ND FLR: 7,809 SF
 COMPLES WITHOUT FRONTAGE INCREASE CALCULATION.
 ALLOWABLE AREA ALLOWS FOR COMPLIANCE WITH 506.3 NON-SEPARATED OCCUPANCIES

TABLE 601:	PRIMARY STRUCTURAL FRAME	0 HOURS
	BEARING WALLS	EXTERIOR 0 HOURS
		INTERIOR 0 HOURS
	NON BEARING WALLS & PARTITIONS	0 HOURS
	FLOOR CONSTRUCTION	0 HOURS
	ROOF CONSTRUCTION	0 HOURS

TABLE 604 FIRE SEPARATION:	NORTH: 0 HOURS	SOUTH: 0 HOURS
	EAST: 0 HOURS	WEST: 0 HOURS

EGRESS REQUIREMENTS

TABLE 1006.2.1 NUMBER OF EXITS 1ST FLOOR: 2 REQUIRED, 2 PROVIDED

1008 ILLUMINATION: ALL OCCUPANCIES REQUIRE MEANS OF EGRESS ILLUMINATION UNDER NORMAL POWER, ILLUMINATION UNDER EMERGENCY POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES (1008.3) REQUIRED & PROVIDED.

1009 TWO ACCESSIBLE MEANS OF EGRESS REQUIRED & PROVIDED.

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE: 250' MAX (S-1), 300' MAX (B)

TABLE 1006.2.1 SPACES WITH ONE EXIT, COMMON PATH OF EGRESS TRAVEL DISTANCE: 100' MAX (B & S)

1007.1.1 TWO EXITS, SEPARATION OF EXIT ACCESS NOT LESS THAN 1/3 LENGTH OF THE MAX OVERALL DIM OF THE AREA SERVED.

1020.3 CORRIDOR WIDTH MIN 44" LESS THAN 50 OCC 36"
 1020.5 MAX ALLOWED DEAD END CORRIDOR: 50'

HAZARDOUS MATERIALS

NOT APPLICABLE

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES PER TABLE 2902.1
 2902.2 OCCUPANT LOAD: 157
 HIGH LOW DRINKING FOUNTAIN PROVIDED
 EXISTING FIXTURES: PROVIDED ACCUATE.

FIXTURE	MALE 79		FEMALE 79		PROVIDED
	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
WATER CLOSET 1 per 25 for first 50 and 1 per 50 for the remainder exceeding 50	(3)	(3)	(3)	(3)	IS NEWLY CONFIGURED SINGLE USER RESTROOMS + 1 EXISTING TO REMAIN.
LAV 1 per 40 for first 80 and 1 per 80 for the remainder exceeding 80	(3)	(3)	(3)	(3)	

WATTS PER SF NOT TO EXCEED TABLE C406.4.2(2) VALUES & OCCUPANCY SENSORS PROVIDED PER C406.2.1.

CURRENT GOVERNING CODES

2021 INTERNATIONAL EXISTING BUILDING CODE WITH WA STATE AMENDMENTS (IWCES1-50-480000)
 2021 INTERNATIONAL BUILDING CODE WITH WA STATE AMENDMENTS (IWCES1-50)
 2021 UNIFORM PLUMBING CODE AND STANDARDS WITH WA STATE AMENDMENTS (IWCES1-50-5)
 2021 INTERNATIONAL MECHANICAL CODE WITH WA STATE AMENDMENTS (IMC-50-5)
 2023 NATIONAL ELECTRICAL CODE (NFPA70) WITH WA STATE AMENDMENTS
 2021 INTERNATIONAL FUEL GAS CODE WITH WA STATE AMENDMENTS (IWCES1-52-21000)
 2021 INTERNATIONAL FIRE CODE WITH WA STATE AMENDMENTS (IFC-50-5)
 2021 WA STATE ENERGY CODE (IWCES1-11C)
 ICC ANSI A117.1-2017 ACCESSIBILITY (IWCES1-50-101.2)
 ASCE/SEI 7-16 MINIMUM DESIGN LOADS & ASSOCIATED DESIGN CRITERIA

AUTHORITY HAVING JURISDICTION: CITY OF VANCOUVER

PARCEL #: 29474000
 ZONE: LI LIGHT INDUSTRIAL

SCOPE OF WORK

INTERIOR TENANT IMPROVEMENT IS NOT A CHANGE OF USE NOR A CHANGE IN SPACE CONDITIONING. DENTAL OFFICE EQUIPMENT AND INFRASTRUCTURE REMOVED, NEW WALLS AND RESTROOMS RECONFIGURED.
 REQUESTED EARLY START DUE TO THE LIMITED TIME BEFORE THE SCHOOL YEAR & SO THAT DEMOLITION OF INTERIOR WALLS & DENTAL OFFICE INFRASTRUCTURE COULD COMMENCE. THE THERAPY ROOMS ARE ENLARGED CLASSROOMS FOR CHILDREN WITH SPECIAL NEEDS. THE OCCUPANT LOAD IS BEING CALCULATED AT THE VOCATIONAL 60 NET RATE BECAUSE THIS IS SIMPLY A SPACE WHERE THEY CAN SPREAD OUT AND BE LESS OVERWHELMED BY THEIR ENVIRONMENT.

DEFERRED SUBMITTALS SEPARATE PERMITS

STRUCTURAL: FIRE SPRINKLER & ALARM

LIST OF SHEETS

SHEET NUMBER	SHEET TITLE
GENERAL	
001 A0.0	COVER SHEET & CODE SUMMARY
002 A0.1	LIFE SAFETY PLAN AND ROOM SCHEDULE
003 A0.2	ADA ACCESSIBILITY RRs
004 A0.3	ADA ACCESSIBILITY
ARCHITECTURE	
005 A1.0	EXISTING/DEMO FLOOR PLAN
006 A1.0	EXISTING/DEMO FLOOR PLAN ENLARGED
007 A2.0	PROPOSED FLOOR PLAN AND ASSEMBLIES
008 A2.1	PROPOSED FLOOR PLAN ENLARGED
009 A2.2	PROPOSED ENLARGED FLOOR PLANS & DETAILS
010 A2.3	EXISTING/DEMO REFLECTED CEILING PLAN
011 A2.4	PROPOSED REFLECTED CEILING PLAN
012 A4.0	INTERIOR ELEVATIONS
013 A4.0	BUILDING SECTIONS
014 A500	DOOR SCHEDULE AND DETAILS

STRUCTURAL

050 S1.1	STRUCTURAL COVERSHEET
051 S2.1	STRUCTURAL WALL PLAN
052 S3.1	STRUCTURAL DETAILS

MECHANICAL

100 M001	COVERSHEET
101 M101	ENLARGED MECHANICAL PLAN

ELECTRICAL

200 E001	COVERSHEET ELECTRICAL
201 E201D	DEMO FLOOR PLAN
202 E201	ELECTRICAL FLOOR PLAN
203 E301D	DEMO ELECTRICAL LIGHTING RCP
204 E301	ELECTRICAL LIGHTING RCP

PLUMBING

300 P001	COVERSHEET PLUMBING
301 P002	SCHEDULES
302 P101D	DEMO FLOOR PLAN
303 P102D	DEMO ENLARGED FLOOR PLAN
304 P200	UNDERFLOOR PLAN
305 P201	FLOOR PLAN
306 P202	FLOOR PLAN ENLARGED
307 P501	DETAILS

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