



Permit Revision Application and Submittal Requirements

A Permit Revision is required when there are proposed changes to the project after the permit has been issued. This may arise due to discrepancies between the city-approved permit drawings and actual field conditions, or the customer has changed their mind about an aspect of the project. In all cases, a revision to the existing permit must be submitted, reviewed and approved.

Applicants will provide:

- A copy of this application
- Three (3) sets of plans that clearly reflect the proposed change(s).
Drawings and calculations must be stamped and signed by the Architect and/or the Engineer of Record, if applicable.

- One (1) copy of the original city approved permit drawings. (NOTE: If your project has an assigned process manager please contact them regarding submittal of the revision).
- Two (2) sets of calculations, if applicable
- Inspector's correction notice, if revision is due to an inspection correction
- Revision fee (paid at time of submittal)

Contact Information:

Contact name Phil Reis

Address 8000 NE TILLAMOOK

City PORTLAND State OR Zip Code 97068

Phone 503 922 5194 Email Phillip.Reis@banfield.net

Value of proposed revision 0 Issued permit # 12-158638

Description of revision Relocation of RPBF Device

Fees:

The Permit Revisions are subject to fees associated with plan review, processing and any increase in project value. Additional fees may apply if adding plumbing fixtures.

The Bureau of Development Services fee schedule is available under the fees tab on the BDS web site at: www.portlandoregon.gov/bds. Fees are updated annually on July 1st.

Helpful Information:

Bureau of Development Services
City of Portland, Oregon
1900 SW 4th Avenue, Portland, OR 97201
www.portlandoregon.gov/bds

Submit your plans in person to:
Development Services Center (DSC), First Floor,
Tuesday - Friday:
7:30 am - 12:00 pm
Closed Mondays

Important Telephone Numbers:

- BDS main number503-823-7300
- DSC automated information line503-823-7310
- Building code information503-823-1456
- BDS 24 hour inspection request line503-823-7000
- Residential information for
one and two family dwelling503-823-7388
- General Permit Processing and
Fee Estimate info503-823-7357
- City of Portland TTY503-823-6868

PLUMBING FIXTURE SCHEDULE

FIXTURE DATA										FAUCET DATA				DESCRIPTION
MARK	DESCRIPTION	MANUFACTURER	MODEL	COLD WATER	HOT WATER	TRAP	WASTE	VENT	GALLONS	MODEL	MANUFACTURER	COLD WATER	HOT WATER	
EW-1	COUNTER MOUNTED EYEWASH	ENCON	01040128	1/2"	1/2"	-	-	-	-	-	-	-	-	DECK MOUNTED SWING AWAY EYE WASH INSTALLED WITH 1/2" THERMOSTATIC MIXING VALVE MODEL NO. ES150 BY POWERS, SERVING THE EYE WASH ONLY.
ET-1	EXPANSION TANK	AMTROL	ST-25V	1"	-	-	-	-	-	-	-	-	-	PROVIDE ONE AMTROL MODEL ST-25V EXPANSION TANK, INSTALL PER MANUFACTURER'S INSTRUCTION, FOR ONE TANK WATER SYSTEM.
FD-1	FLOOR DRAIN, LIGHT DUTY	ZURN	ZN415-5B-2NH-P	-	-	-	PER PLAN	2"	-	-	-	-	-	CAST IRON BODY W/ 5" ADJ. NICKEL BRONZE STRAINER HEAD. PROVIDE 1/2" TRAP PRIMER CONNECTION AS NOTED ON PLANS.
GD-1	GARBAGE DISPOSAL	IN-SINK-ERATOR	72339	-	-	-	-	-	-	-	-	-	-	BADGER 5, 1/2 HP HEAVY DUTY DISPOSER, GALVANIZED STEEL CONSTRUCTION, WALL SWITCH OPERATION 120V SINGLE PHASE, INSTALL AT (S-1) SINK IN BREAK RM.
HB-2	INTERIOR CHROME HOSE BIB	ZURN	Z80502	3/4"	-	-	-	-	-	-	-	-	-	PROVIDE VACUUM BREAKER, AND "Y" FITTING.
TT-1	TREATMENT TABLE FAUCET	SHORLINE, BY OTHERS	SHORLINE, BY OTHERS	1/2"	1/2"	1-1/2"	2"	2"	-	Z831B4-H58-2F	ZURN	1/2"	1/2"	GOOSE NECK FAUCET WITH OFFSET SPOUT, 6" VINYL HOSE, WRIST BLADE HANDLES & HOSE SPRAY, ORDER WITH OUT POP-UP DRAIN SUPPLIES, PROVIDE SMARTWAY 625 HAIR TRAP.
L-1	WALL HUNG LAVATORY	KOHLER	K-20320 GREENWICH	-	-	1-1/4"-1-1/2"	2"	2"	-	Z7443-WF-FC	ZURN	1/2"	1/2"	20" X 18" WALL HUNG ADA W/ FRONT OVERFLOW, FLOOR MOUNTED IN-WALL CARRIER, 4" CENTERS FOR FAUCET, 0.5 GPM AERATOR, INSULATE EXPOSED DRAIN & WATER PIPES W/ TRUEBRO LAV GUARD KIT #102 FAUCET W/ TEMPERATURE LIMIT STOP.
MS-1	MOP SINK	ACORN	TSH24	-	-	-	3"	2"	-	Z843M1	ZURN	3/4"	3/4"	TERRAZZO 24" X 24" X 12" DEEP, 2" DRAIN, FLANGES SEPARATE FROM UNIT TO BE INSTALLED BY G.C., FAUCET W/ PAIL HOOK & INTEGRAL VACUUM BREAKER, 2" CAST IRON TRAP & #1453-BB FLAT STAINLESS STEEL STRAINER. PROVIDE 3" WIDE X 24" LONG S.S. MOP HANGER WITH RUBBER TOOTH GRIP FITTINGS WITH GRID STRAINER, 40" FAUCET WATER ROUGH INS. PROVIDE ZURN Z8946-1 PROTECTIVE COVERS, SINGLE LEVER SUPPLY. CONTRACTOR SHALL PROVIDE QTY-1, SUNCAST #DHH-150 HOSE HANGER, MOUNTED ON WALL AT FIXTURE, 5'-0" A.F.F.
MV-1	MIXING VALVE	POWERS	HYDROGUARD M4432-1	3/4"	3/4"	-	-	-	-	-	-	-	-	PROVIDE ONE POWERS HYDROGUARD MIXING VALVE, TOP INLET TOP OUTLET, SET AT 110 F FOR WATER HEATER SYSTEM.
RP-1	RECIRCULATION PUMP	BELL & GOSSETT	NBF - 22U	-	3/4"	-	-	-	-	-	-	-	-	BRONZE BODY LUBRICATED CIRCULATOR 92 WATTS, 115 V PHASE 3000 RPM 4 GPM @ 12 FEET OF HEAD. WITH B&G AQUASTAT MODEL AQ-1/2.
S-1	S.S. SINK	ELKAY	PSR1517	-	-	1-1/2"	2"	2"	-	Z831C4-2F	ZURN	1/2"	1/2"	20 GAUGE 302 S.S. SINK, 15" X 17" X 7 -1/4" 3-HOLE PUNCHING. PROVIDE LK-35 ONE PIECE CONICAL STRAINER, PROVIDE FAUCET WITH SWING SPOUT & AERATOR.
S-2	S.S. EXAM SINK	ELKAY	PSR1517	-	-	1-1/2"	2"	2"	-	Z826B1-4F	ZURN	1/2"	1/2"	20 GAUGE 302 S.S. SINK, 15" X 17" X 7 -1/4" 1 HOLE PUNCHING. PROVIDE LK-35 ONE PIECE CONICAL STRAINER, PROVIDE FAUCET WITH SWING SPOUT & AERATOR. PROVIDE WRIST BLADE HANDLES WHICH OPERATE "ON" UP AND "OFF" DOWN, IN THE "OFF" POSITION THE HANDLES SHALL BE HORIZONTAL.
S-3	S.S. SCRUB SINK	ELKAY	DLR1722-10	-	-	1-1/2"	2"	2"	-	Z812S4	ZURN	1/2"	1/2"	18 GAUGE 302 S.S. SINK, 17" X 22" X 10" 2-HOLE PUNCHED, PROVIDE LK-35 ONE PIECE CONICAL STRAINER, PROVIDE FAUCET WITH RIGID SPOUT, WING TIP HANDLES. INSTALL HANDLES PARALLEL WITH WALL. INSTALL EYE WASH PER MANUFACTURERS RECOMMENDATIONS.
S-4	S.S. LAB SINK	ELKAY	DLR1722-10	-	-	1-1/2"	2"	2"	-	Z826B1-4F	ZURN	1/2"	1/2"	18 GAUGE 302 S.S. SINK, 17" X 22" X 10" 1 - HOLE PUNCHED, PROVIDE LK-35 ONE PIECE CONICAL STRAINER, PROVIDE FAUCET WITH RIGID SPOUT & AERATOR. PROVIDE WRIST BLADE HANDLES WHICH OPERATE "ON" UP AND "OFF" DOWN, IN THE "OFF" POSITION THE HANDLES SHALL BE HORIZONTAL.
SS-1	FREESTANDING S.S. SINK	GRIFFIN	TUB-530-CUSTOM (60" LEFT)	1/2"	-	1-1/2"	2"	2"	-	FG-248	GRIFFIN	1/2"	1/2"	SECURE SINK TO WALL AND CAULK TOP OF BACKSPASH TO WALL WITH CLEAR SILICONE.
SB-1	SCAVENGER PUMP	SUPERA	EVC3000 SCAVENGER PUMP	-	-	-	-	2"	-	N/A	-	-	-	SCAVENGER VACUUM POWER UNIT, MOUNT + 12'-0" A.F.F. - FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR. PROVIDE 2" CPVC, SEE DETAILS ON P2.0 PROVIDE DROPS AS SHOWN ON FLOOR PLAN, SEE ENLARGED PLAN ON P1.1.
SB-2	SCAVENGER CEILING OUTLET	SUPERA	EVC680PS SCAVENGER CEILING OUTLET	-	-	-	-	-	-	-	-	-	-	CEILING OUTLET WITH 1/2" PVC CONNECTION, MOUNTED ABOVE CEILING. REFER TO MANUFACTURER INSTALLATION REQUIREMENTS
SB-3	SCAVENGER CONSOLE OUTLET	SUPERA	EVC682 SCAVENGER CONSOLE OUTLET DROP KIT	-	-	-	-	-	-	-	-	-	-	CEILING OUTLET WITH 1/2" PVC CONNECTION, MOUNTED ABOVE CEILING. REFER TO MANUFACTURER INSTALLATION REQUIREMENTS
OXY-1	OXYGEN CEILING OUTLET	SUPERA	OXY-261000-3 W/OXY1610 - CEILING OUTLET, DISS	-	-	-	-	-	-	-	-	-	-	CEILING OUTLET WITH 1/2" COPPER CONNECTION, 30" OXY HOSE AND ORMEDA STYLE FEMALE DISCONNECT. REFER TO MANUFACTURERS INSTALLATION REQUIREMENTS.
OXY-2	OXYGEN CONSOLE OUTLET	SUPERA	OXY-261000-2 W/OXY-291776 - CONSOLE OUTLET, DISS	-	-	-	-	-	-	-	-	-	-	CONSOLE OUTLET WITH 1/2" COPPER CONNECTION, MOUNT IN SHOR-LINE TREATMENT TABLE. REFER TO MANUFACTURERS INSTALLATION REQUIREMENTS.
OXY-3	OXYGEN BOTTLE SUPPLY OUTLET	SUPERA	OXY-261000-1 W/OXY1643-5, BAN509 MAIN SUPPLY WALL OUTLET - DISS AND REGULATOR	-	-	-	-	-	-	-	-	-	-	WALL OUTLET WITH 1/2" COPPER CONNECTION, 5'-0" GREEN OXYGEN LINE WITH FEMALE DISS FITTINGS FOR CONNECTION TO SUPPLY CYLINDER, OXYGEN REGULATOR (HAND TIGHTEN DURING INSTALLATION), MOUNT IN WALL, COORDINATE LOCATION AND ELEVATION WITH ARCHITECTURAL PLANS, WITH ARCHITECTURAL PLANS, REFER TO MANUFACTURERS INSTALLATION REQUIREMENTS. COMPONENTS SHALL BE ORDERED WITH UNDERGROUND PACKAGE FOR INSTALLATION DURING FRAMING ROUGH-IN.
TP-1	TRAP PRIMER	PPP	P1-500W/TAPPED P - TRAP ADAPTER	1/2"	-	-	-	-	-	-	-	-	-	INTEGRAL BACKFLOW PREVENTER & VACUUM BREAKER PORT & DU DISTRIBUTION UNIT. ROUTE 1/2" COPPER OR PEX POLYETHYLENE TUBING DOWN IN WALL AND BELOW SLAB TO P-TRAP, SEE DETAIL, INCLUDE TAPPED P - TRAP ADAPTER.
WB-1	WASHING MACHINE CONNECTION BOX	OATEY	38934	3/4"	-	-	-	-	-	-	-	-	-	(2) 1/4" BALL VALVES (TOP MOUNTED), SWEAT CONNECTION WITH VACUUM BREAKERS, PLASTIC BOX, REFER TO SHEET P2.0 FOR DRAIN PUNCH-OUT INFORMATION.
WB-2	ICE MAKER CONNECTIN BOX	SIOUX CHIEF	696 SERIES "OX" BOX	1/2"	-	-	-	-	-	-	-	-	-	ABS OUTLET BOX WITH FRAME AND BRACKET. PROVIDE BALL VALVE WITH HAMMER ARRESTER & 1/4" OUTLET. PROVIDE WATTS SERIES 7 DOUBLE CHECK VALVE IN 1/2" SUPPLY LINE.
WC-2	WATER CLOSET, ADA	MANSFIELD	148-123 QUANTUM - LEFT HAND ADA / 148-123(RH) QUANTUM - RIGHT HAND ADA	1/2"	-	-	4"	2"	-	-	-	-	-	FLOOR MOUNTED VITREOUS CHINA 1.6 GALLON FLUSH, WITH POLISHED CHROME ACTUATOR, SMART HEIGHT ELONGATED FRONT TWO PIECE, PRESSURE-ASSISTED WATER CLOSET, 12" ROUGH-IN, W/ VANDAL RESISTANT KIT, PROVIDED CHURCH OPEN FRONT SEAT.
EWH-1	BRADFORD WHITE	BRADFORD WHITE	E32-80R-3	1-1/4"	1-1/4"	-	-	-	80	-	-	-	-	ELECTRIC WATER HEATER, WITH A RATED STORAGE CAPACITY NOT LESS THAN 80 GALLONS, 12KW SIMULTANEOUS INPUT, 208 VOLT/3PHASE WITH 30.0 FLA, AND A MINIMUM RECOVERY OF 50 GPH @ 100 F TEMPERATURE RISE. THE TANK SHALL BE LINED WITH VITRAGLAS VITREOUS ENAMEL AND SHALL HAVE A BOLTED HAND CLEANOUT. THE TANK SHALL HAVE EXTRUDED MAGNESIUM ANODE RODS INSTALLED IN SEPARATE HEAD COUPLING AND EXTENDED TO WITHIN 3" OF BOTTOM. THE HEATER SHALL BE INSULATED WITH NO LESS 2" OF NON-CFC FOAM. THIS WATER HEATER SHALL BE EQUIPPED WITH AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSULATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. T&P RELIEF LINE SHALL BE TERMINATED OVER FLOOR DRAIN (FD-1) FLOOR RIM WITH CODE APPROVED AIR GAP.
RPBFP-1	REDUCED PRESSURE BACKFLOW PREVENTER	WATTS	MODEL 909M1	1 1/4"	-	-	AIR GAP ELBOW DISCHARGE	-	-	-	-	-	-	INSTALL 36" A.F.F. PRIOR TO ANY BRANCH TAKEOFFS OR PLUMBING FIXTURES. ROUTE AIR GAP DISCHARGE TO EXTERIOR.
PRV-1	PRESSURE REDUCING VALVE	WILKINS	MODEL 600	1 1/4"	-	-	-	-	-	-	-	-	-	SET VALVE TO 75 PSIG, PROVIDE ISOLATION BALL VALVES ON EACH SIDE OF VALVE FOR SERVICE. PROVIDE FULL SIZE BIPED BYPASS AROUND VALVE FOR SERVICE.

NOTE - ***ALL PLUMBING FIXTURES ABOVE SHALL BE PURCHASED THROUGH HJC (HAINES, JONES AND CADBURY), CONTACT ASHELY MAY OR SHERRY RUSSEL AT 1-800-459-7099 FOR ADDITIONAL INFORMATION.***

1

PLUMBING SCHEDULES
#5014 BURLINGAME
749 S. N. BARBER BLVD.
PORTLAND, OREGON 97239

Banfield
86 PENITENT
PITTSBURGH

NO.	ISSUE	DATE
1	WATER BUREAU RESPONSE	JULY 13, 2012
2	BIB RESPONSE	JULY 23, 2012
3	LIFE SAFETY RESPONSE	JULY 23, 2012
4	PLAN CHECK RESPONSE	JULY 26, 2012
5	TRANSITION RESPONSE	JULY 27, 2012
6	100% CONSTRUCTION SET	AUGUST 10, 2012
7	ISSUE REVISION	OCTOBER 20, 2012

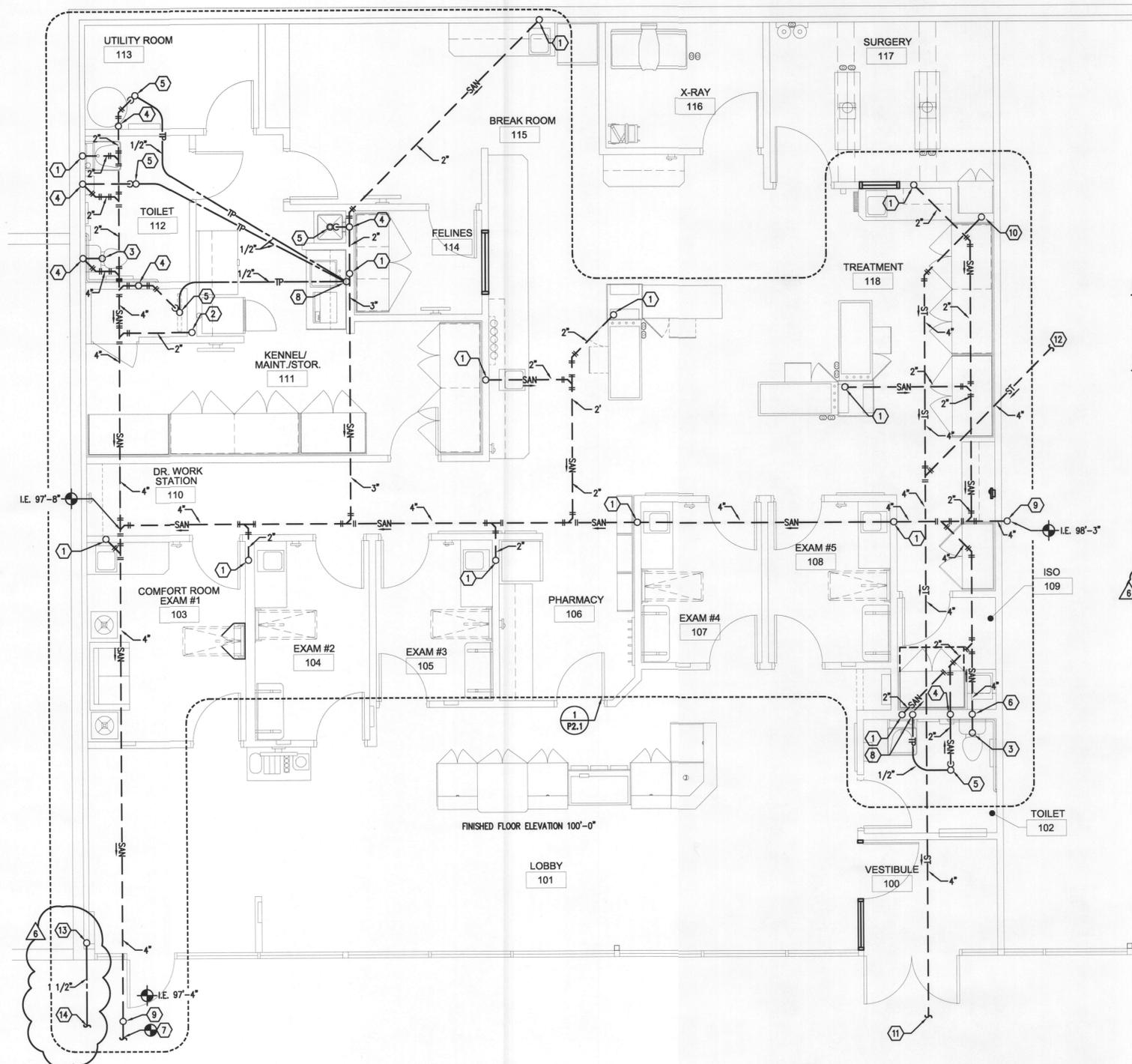
City of Portland
REVIEWED FOR CODE COMPLIANCE
NOV 08 2012
Permit Number

PROFESSIONAL OF RECORD
REGISTERED PROFESSIONAL ENGINEER
85848PE
OREGON
BY 08 2011
TYLE A. MANWY
EXPIRES-12/31/2012

PROFESSIONAL OF RECORD
PHONE: 303-926-0020

Sheet No:

P0.1



GENERAL NOTES:

- A. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF BID/WORK.
- B. ALL PIPING, DUCT, MECHANICAL AND PLUMBING EQUIPMENT SHALL BE INSTALLED PER LOCAL REQUIREMENTS RELATED TO THE SEISMIC ZONE THAT THE BUILDING IS LOCATED IN. SUPPORT AND SECURE TO STRUCTURE.

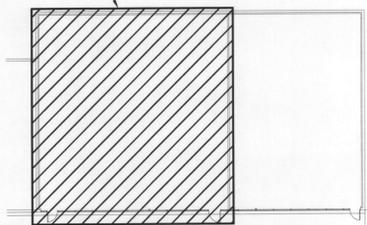
SHEET NOTES:

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- 2 2\"/>
- 3 4\"/>
- 4 2\"/>
- 5 2\"/>
- 6 2\"/>
- 7 CONNECT 4\"/>
- 8 1/2\"/>
- 9 4\"/>
- 10 4\"/>
- 11 ROUTE 4\"/>
- 12 ROUTE 4\"/>
- 13 1 1/2\"/>
- 14 1 1/2\"/>

1 UNDERGROUND - PLUMBING PLAN
P1.0 SCALE: 1/4\"/>



AREA OF WORK



KEY PLAN

City of Portland
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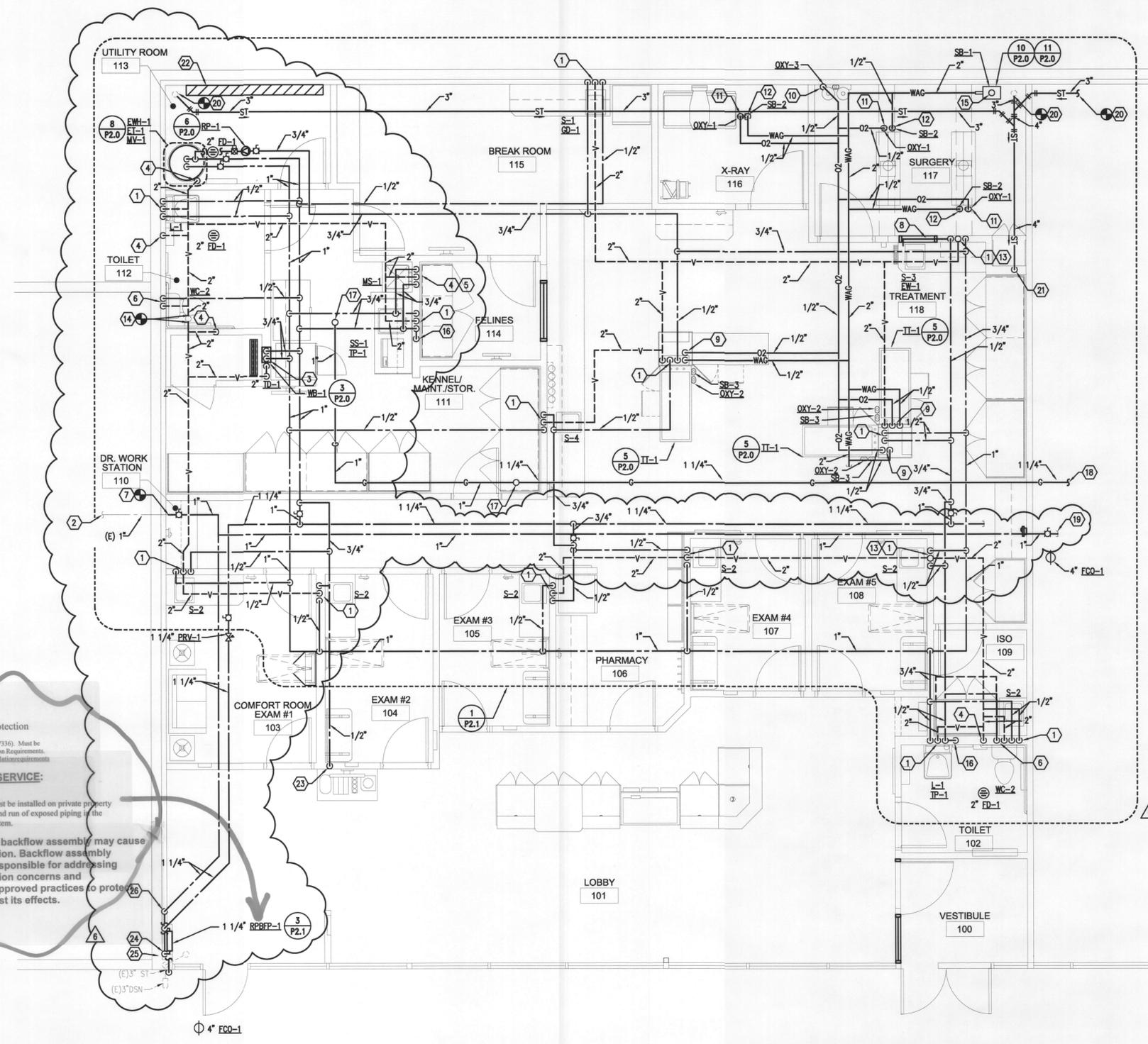
UNDERGROUND - PLBG. PLAN
#5014 BURLINGAME
7461 S.W. BARBUR BLVD.
PORTLAND, OREGON 97239



No.	ISSUE	DATE
1	WATER BUREAU RESPONSE	JULY 13, 2012
2	RSE RESPONSE	JULY 23, 2012
3	LIFE SAFETY RESPONSE	JULY 23, 2012
4	PLNG & ZONING RESPONSE	JULY 26, 2012
5	TRANSPORTATION RESPONSE	JULY 27, 2012
6	100% CONSTRUCTION SET	AUGUST 26, 2012
7	RFP/REVISION	OCTOBER 30, 2012

PROFESSIONAL OF RECORD
REGISTERED PROFESSIONAL ENGINEER
55848PE
ORIGINALLY ISSUED
NOV 08 2011
KYLE A. MARVE
EXPIRES-12/31/2012
PROFESSIONAL OF RECORD
PHONE: 303-926-0020

Sheet No:
P1.0



- GENERAL NOTES:**
- A. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF BID/WORK.
 - B. ALL PIPING, DUCT, MECHANICAL AND PLUMBING EQUIPMENT SHALL BE INSTALLED PER LOCAL REQUIREMENTS RELATED TO THE SEISMIC ZONE THAT THE BUILDING IS LOCATED IN. SUPPORT AND SECURE TO STRUCTURE.
- SHEET NOTES:**
- 1 1/2" CW/HW, 2" VENT AND 2" SAN. ROUTED TO PLUMBING FIXTURE.
 - 2 CONNECT TO (E) 1" COLD WATER SERVICE SUPPLYING ADJACENT TENANT SPACE.
 - 3 3/4" CW/HW, 2" VENT AND 2" P-TRAP TO SERVE PLUMBING FIXTURE.
 - 4 2" VENT UP FROM BELOW.
 - 5 1/2" CW AND HW DN TO PLUMBING FIXTURE.
 - 6 1/2" CW, 2" VENT AND 4" SAN. ROUTED TO PLUMBING FIXTURE.
 - 7 CONNECT TO (E) 1 1/4" COLD WATER FUTURE.
 - 8 ROUTE SAN. CW AND HW THROUGH WALL TO SERVE FIXTURE.
 - 9 1/2" O2 AND 1/2" WAG DOWN CHASE TO OUTLETS MOUNTED ON TREATMENT TABLE.
 - 10 1/2" O2 DOWN TO WALL OUTLET.
 - 11 1/2" O2 TO CEILING OUTLET.
 - 12 1/2" WAG TO CEILING OUTLET.
 - 13 3" VENT UP THROUGH ROOF.
 - 14 CONNECT TO (E) VENT THROUGH THE ROOF.
 - 15 2" SCAVENGER VENT UP THROUGH ROOF.
 - 16 TP-1, 1/2" TRAP PRIMER DOWN THROUGH FLOOR, REFER TO 1/P1.0 FOR CONTINUATION.
 - 17 1" NATURAL GAS UP TO ROOF MOUNTED EQUIPMENT ABOVE.
 - 18 ROUTE 1 1/4" NATURAL GAS TO EXISTING GAS SERVICE, PUBLIC UTILITY SHALL PROVIDE NEW DEDICATED TENANT GAS METER TO DELIVER 300 C.F.H. AT 6"W.C.
 - 19 1" COLD WATER FUTURE CONNECTION WITH ISOLATION VALVE.
 - 20 CONNECT 3" STORM LINE TO (E) 3" ROOF DRAIN.
 - 21 4" STORM LINE, DOWN TO BELOW GRADE, (2,900 SF OF ROOF AREA).
 - 22 COORDINATE PIPE ROUTE TO AVOID INSTALLATION OVER (E) ELECTRICAL PANELS.
 - 23 1/2" COLD WATER DN. TO OWNER SUPPLIED COFFEE STATION. CONTRACTOR SHALL FIELD VERIFY ROUGH-IN LOCATION AND PROVIDE ANGLE STOP FOR CONNECTION BY OTHERS.
 - 24 1 1/2" DOMESTIC COLD WATER UP FROM BELOW.
 - 25 2" AIR GAP DISCHARGE AT EXTERIOR WALL, TERMINATE 18" ABOVE GRADE.
 - 26 1 1/4" COPPER COLD WATER UP TO SERVE ADJACENT TENANT SUITES.

Premise-Isolation Backflow Protection
Water Quality Backflow (WQBP) review:
Required by Portland Water Bureau (503-823-7336). Must be installed per Water Bureau Backflow Installation Requirements.
www.portlandonline.com/water/backflow/installationrequirements

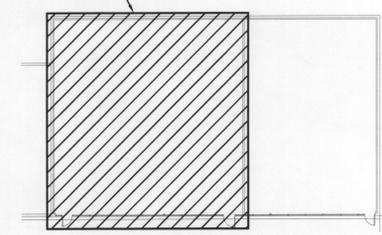
DOMESTIC WATER SERVICE:

- Backflow assembly must be installed on private property prior to any branches and run of exposed piping to the domestic plumbing system.
- Installation of a backflow assembly may cause thermal-expansion. Backflow assembly installers are responsible for addressing thermal-expansion concerns and implementing approved practices to protect plumbing against its effects.

1 MAIN LEVEL - PLUMBING PLAN
P1.1 SCALE: 1/4" = 1'-0"



AREA OF WORK



KEY PLAN

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ISSUE:	DATE:
WATER BUREAU RESPONSE	JULY 13, 2012
BRE RESPONSE	JULY 23, 2012
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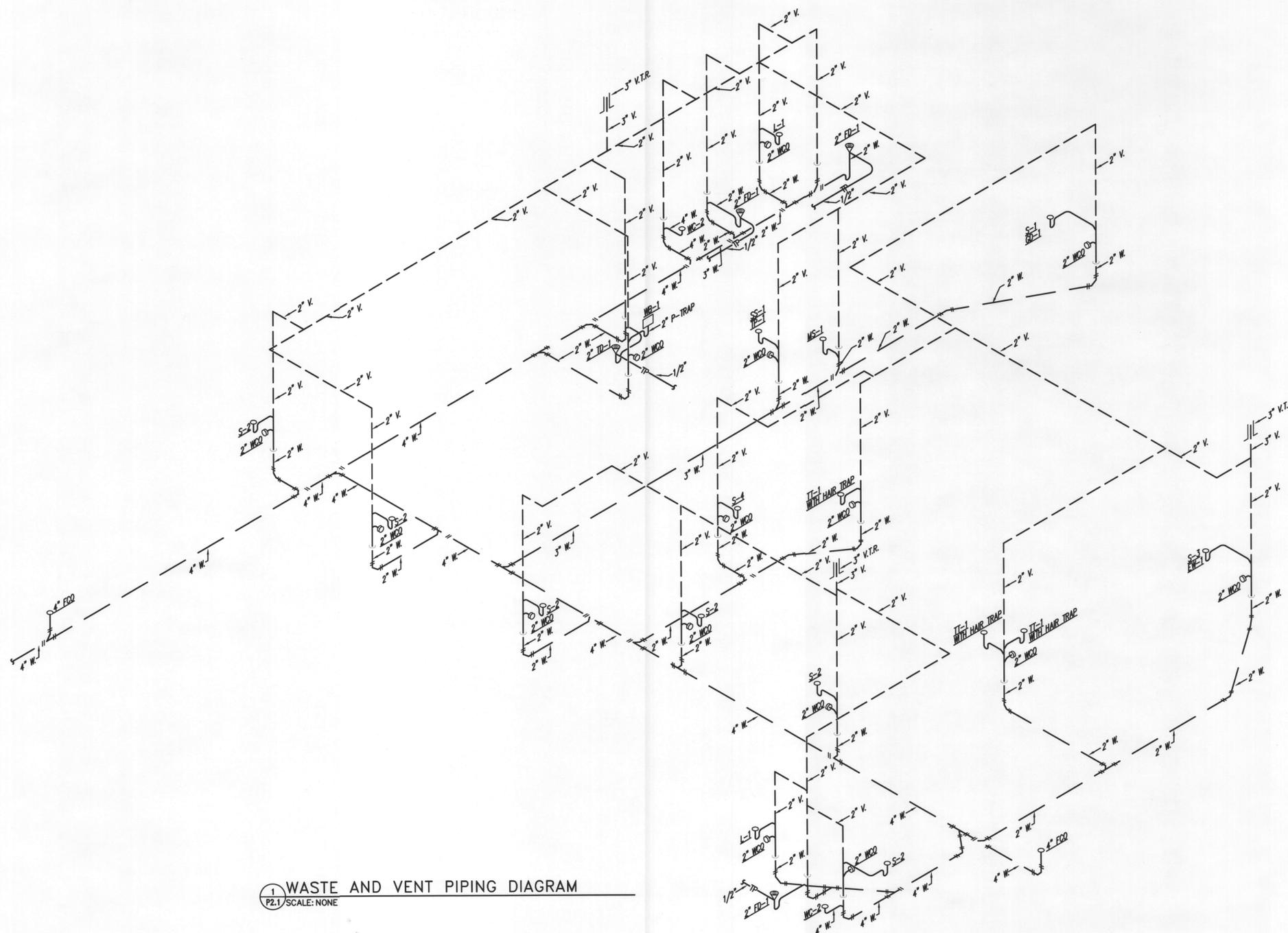
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KYLE A. MAINSIE

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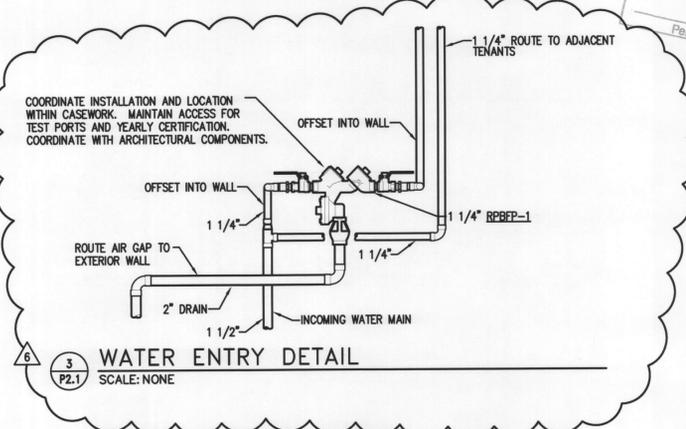
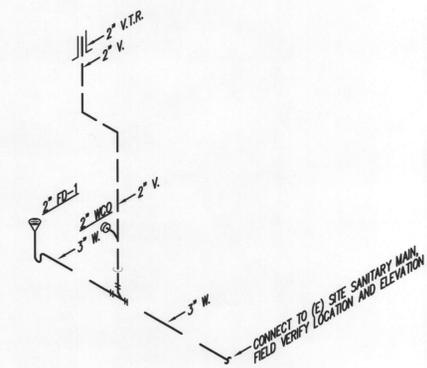
P1.1





1 WASTE AND VENT PIPING DIAGRAM
P2.1 SCALE: NONE

2 TRASH ENCLOSURE FLOOR DRAIN PIPING DIAGRAM
P2.1 SCALE: NONE



3 WATER ENTRY DETAIL
P2.1 SCALE: NONE

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