INSTRUCTIONS: These notes are to be completed and included on the cover of BES Simplified Permits. Notes requiring City Inspector initials will be signed off during inspection.

BES Simplified Permit for Short Sanitary Sewer Extensions Plan Notes

1) All construction shall conform to 2010 City of Portland Standard Construction Specifications. The contractor and/or subcontractor must have a minimum of one set of approved plans and the City's Standard Construction Specifications on the job site at all times during construction.
2) The engineer-of-record must verify that the survey cut sheets and manhole shop drawings are accurate by signing and stamping the contractor's submittals and providing these documents to the City.
3) Errors and omissions are the responsibility of the engineer-of-record. If errors or omissions are found after the permit has been issued, the applicant or its contractor shall contact the engineer–of-record ([engineer's name] of [engineer's firm] at [phone number]) to have the corrections made. All changes will require the approval of the BES Chief Engineer prior to the work beginning.
4) Elevations are based on City datum using benchmark(s) No. _____, Elevation _____, Located _____.
5) The applicant or its contractor must schedule a pre-construction meeting with City Inspection Services a minimum of one week prior to commencement of construction. Call (503) 823-7002, Option 1.
6) ATTENTION EXCAVATORS: Oregon Law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of these rules or ask questions about them by calling (503) 232-1987. YOU MUST NOTIFY THE OREGON UTILITY NOTIFICATION CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION BY CALLING 811 OR 1-800-332-2344.
7) The contractor must follow section 00150.50 of the City's Standard Construction Specifications regarding utilities.
8) Site erosion control plans and controls must be in place prior to grading and working in the right–of-way. The applicant or its contractor must put up all required erosion control (EC) signage prior to ground disturbance. EC signage information is available on the City's website at http://www.portlandonline.com/transportation/index.cfm?c=40032&a=190721#ESCM. The implementation of the EC plans and the construction, maintenance, replacement, and upgrading of these EC facilities is the responsibility of the applicant and its contractor until all construction is completed and approved.
9) City-supplied Locations of existing structures and utilities are for information purposes only. The applicant and its contractor are responsible for verifying the location and depth (elevation) of existing utilities and other field conditions prior to construction.
10) The contractor must have an approved Traffic Control Plan on job site at all times. Contact Portland Bureau of Transportation Traffic Operations at 503-823-5168.

Inspector Initials _____

11) All sewer trench lines and excavations shall be properly shored and braced to prevent caving as required by the Oregon Occupational Safety and Health Act and Section 00405.41(f) of the City's Standard Construction Specifications.

12) Contractor shall maintain flows in the existing system at all times.

13) The applicant must either dispose of uncontaminated excavated sewer trench spoil material at an approved landfill or obtain a permit from the Bureau of Development Services to dispose of the material on-site.

14) Contaminated media or hazardous waste encountered during construction in City right-of-way:

(A) The applicant and its contractor must comply with all of the Oregon Department of Environmental Quality's (DEQ) laws, regulations and orders. The applicant and its contractor must use a DEQ-approved disposal facility (a subtitle D landfill for contaminated media and a subtitle C Landfill for hazardous waste) for disposal of the contaminated media or hazardous waste. The applicant and its contractor must comply with all health and safety requirements associated with handling contaminated media or hazardous waste, all federal, state and local laws regarding hazardous substances, and all other applicable environmental laws.

(B) The applicant is responsible for all costs associated with proper characterization, identification analysis, management, increased personal protective equipment (PPE), and disposal of contaminated media or hazardous waste encountered within City right-of-way or on property owned by the City. The applicant is also responsible for all resultant delays.

(C) The applicant must comply with City Code 17.24, and additional fees may be required by the City if increased City inspection is needed.

15) Foundation stabilization may be required by the City per the City's Standard Construction Specifications as approved by the City's inspector.

16) The applicant's contractor must install marker balls on all sewer mainline pipes and laterals. The marker balls must be tested before paving. See section 00446 of the City's Standard Construction Specifications.

Inspector Initials _____

17) The applicant's contractor must mark the ends of all stub-outs and laterals with continuous pressure-treated 2" x 4" lumber. The top 12" of the wood must be painted white and stenciled with a black "ST" for "storm" or painted green and stenciled with a black "SS" for "sanitary." The pipe size, material type, and pipe depth must also be noted on the wood. The contractor must bury the 2" x 4" to I.E. of the stub or lateral.

18) All completed sewers must be tested in the presence of a City inspector and tested per the requirements of the City's Standard Construction Specifications. The applicant or its contractor must notify the City a minimum of 2 days before performing the testing to allow inspection scheduling. The following tests are required:

A) Air Test (COP SCS 00445.72) **Inspector Initials** _____

B) Video Inspection (00401) **Inspector Initials** _____

C) Mandrel Test for HDPE and PVC pipe. A 30-day waiting period is required for all mandrel testing. (COP SCS 00445.73) **Inspector Initials** _____

19) Density testing is the responsibility of the applicant and its contractor; all densities are required to be tested by an accredited lab. Testing frequency and locations must be approved by a City inspector and all test results must be provided to the City inspector. Asphalt densities must be 92% and backfill densities must be 95%.

Inspector Initials _____

20) The street must be restored to the satisfaction of a City inspector. **Inspector Initials** _____

21) The engineer-of-record is responsible for providing the City with signed, stamped as-built drawings (22" by 34" hardcopy) acceptable to the City's inspector at the completion of the project to:

Margaret Russell
BES Development Engineering
1900 SW 4th Ave, Suite 5000
Portland, OR 97201

Inspector Initials _____

No BES Connection Permit(s) will be issued until the as-built drawings are received by the City.

22) Bureau of Development Services Plumbing Division approvals and permits are required for privately maintained sewers, inlets, inlet leads, and service laterals constructed outside of public rights-of-way and public sewer easements. All work approved under plumbing permits shall be privately owned and maintained.

23) All costs of the sanitary sewer construction borne by [legal description or subdivision name].

24) City responsibility with regard to maintenance of sewer laterals ends at the curb line in rights-of-way and at the end of the tee in easements.

If needed add Note 25 below.

25) This project was reimbursed for [legal description or subdivision name].