



General Notes

1. SPECIFICATIONS, GENERAL NOTES AND DETAILS ARE CONTAINED IN ALDERWOOD WATER AND WASTEWATER DISTRICT (AWWD) "DEVELOPMENT GUIDELINES AND STANDARDS FOR DEVELOPER EXTENSION", AVAILABLE AT ALDERWOOD WATER AND WASTEWATER DISTRICT OFFICE.
2. STATIC WATER PRESSURE IS APPROXIMATELY _____ (PSI) AT THE METER. THE DEVELOPER IS RESPONSIBLE FOR INSTALLING PRESSURE REDUCING VALVES ON THE PRIVATE SIDE OF THE METER TO PROTECT THE FACILITY FROM HIGH PRESSURE.
3. STATIC WATER PRESSURE IS APPROXIMATELY _____ (PSI) AT THE METER. AN INTERNAL BOOSTER PUMP IN THE BUILDING MAY BE REQUIRED TO ATTAIN THE DESIRED WATER PRESSURE ESPECIALLY IN STRUCTURES WITH TWO STORIES OR GREATER. THE BOOSTER PUMP SHALL CONFORM TO THE UNIFORM PLUMBING CODE. *(Use this note if static pressure is less than 80psi)*
4. EASEMENTS:
 - EASEMENTS SHALL BE PROVIDED TO AWWD TO ENCOMPASS WATER MAINS, SEWER MAINS, HYDRANTS, BLOWOFFS AND METERS LYING OUTSIDE OF PUBLIC RIGHT-OF-WAY.
 - WATER AND/OR SEWER MAINS SHALL BE CENTERED WITHIN THE EASEMENTS PROVIDED TO AWWD UNLESS OTHERWISE APPROVED AND NOTED ON THE PLANS.
 - EASEMENTS (EXISTING AND PROPOSED) SHALL BE FREE FROM ANY ENCROACHMENTS SUCH AS STRUCTURES, OVERHANGS, AND FOUNDATIONS, ETC. ENCROACHMENTS ARE SUBJECT TO BE REMOVED.
 - ALL EASEMENTS SHALL BE BASED ON "AS-BUILT" HORIZONTAL LOCATIONS.
5. OFFSITE EASEMENTS SHALL BE SUBMITTED TO AWWD PRIOR TO SCHEDULING A PRE-CONSTRUCTION MEETING.
6. DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY OF _____ UTILITY RIGHT-OF-WAY PERMIT AND PROVIDE A COPY TO AWWD PRIOR TO SCHEDULING A PRE-CONSTRUCTION MEETING.
7. DEVELOPER/CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AND PROVISIONS OF APPLICABLE SNOHOMISH COUNTY CODES FOR THE RIGHT-OF-WAY UTILITY USE PERMIT APPLICATION.
8. DEVELOPER, CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES (HORIZONTALLY OR VERTICALLY) WHETHER SHOWN ON THE PLANS OR NOT PRIOR TO CONSTRUCTION. CALL DIAL DIG AT 1-800-424-5555 TWO (2) BUSINESS DAYS BEFORE DIGGING.

9. CONSTRUCT WATER MAIN LOWER THAN STORM WHERE NECESSARY TO PROVIDE MINIMUM COVER AND/OR SOIL TO BLOCK AGAINST.
10. WHERE 1.5 FEET VERTICAL AND 10 FEET HORIZONTAL SEPARATION IS NOT OBTAINED BETWEEN THE SEWER AND WATER MAINS, THE SEWER SHALL BE CONSTRUCTED ACCORDING TO DEPARTMENT OF ECOLOGY "CRITERIA FOR SEWER WORKS DESIGN" SECTION C1-9
11. IF ANY FOOD IS PREPARED ON SITE, A GREASE INTERCEPTOR IS REQUIRED.
12. ALL WATER METER SIZES AND LOCATION, TOGETHER WITH SIDE SEWER LOCATIONS SHALL BE VERIFIED BY THE DEVELOPER/CONTRACTOR PRIOR TO CONSTRUCTION. WATER METERS SHALL NOT BE LOCATED IN DRIVEWAYS, SIDEWALKS OR PAVED AREAS UNLESS APPROVED BY AWWD.
13. COMBINATION AIR AND VACUUM RELEASE VALVES SHALL BE REQUIRED TO BE INSTALLED AT LOCATIONS AS DETERMINED BY AWWD BASED ON SYSTEM DESIGN AND TOPOGRAPHY. THESE VALVES ARE REQUIRED AT ELEVATION PEAKS OR AT A SHARP CHANGE IN GRADE THAT MAY RESULT IN AIR BEING TRAPPED IN THE SYSTEM AND TO ELIMINATE POTENTIAL VACUUM. THESE VALVES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH AWWD STANDARD DETAIL WD-19 OR AS DIRECTED
14. SEWER DISCHARGE STATUS, INCLUDING PERMITTING AND PRETREATMENT REQUIREMENTS, SHALL BE DETERMINED BY AWWD PRETREATMENT INSPECTOR, IN CONJUNCTION WITH ALL INTERESTED AGENCIES, UPON REVIEW OF APPLICATION FOR WASTEWATER DISCHARGE AUTHORIZATION. THIS DETERMINATION MUST BE COMPLETE BEFORE CONNECTION TO THE SANITARY SEWER SYSTEM.
15. APPROPRIATE BACKFLOW PROTECTION (COMMENSURATE WITH THE ASSESSED DEGREE OF HAZARD) AND INSTALLATION LOCATION (OF REQUIRED BACKFLOW PROTECTION) WILL BE DETERMINED BY AN AWWD CROSS-CONNECTION CONTROL SPECIALIST UPON REVIEW OF THE WATER APPLICATION SURVEY AND/OR REVIEW OF PROPOSED TENANT OCCUPANCY, HEIGHT OF BUILDING AND HEALTH HAZARD ASSESSMENT.
16. THE BACKFLOW ASSEMBLY FOR THE FIRE PROTECTION SYSTEM IS PRIVATE AND SHALL BE LOCATED OUTSIDE OF THE BUILDING. THE BACKFLOW ASSEMBLY SHALL HAVE A REMOTE READ DEVICE IN AN ACCEPTABLE LOCATION OUTSIDE THE VAULT.
17. ALL SIDE SEWERS SHALL BE CONSTRUCTED TO THE EDGE OF THE RIGHT OF WAY OR EASEMENT UNDER THE DEVELOPER EXTENSION AGREEMENT UNLESS OTHERWISE APPROVED BY AWWD. THE FINAL CONNECTION TO THE BUILDING SHALL NOT BE MADE UNTIL THE PROJECT HAS BEEN ACCEPTED FOR USE AND OPERATION BY AWWD. THE SIDE SEWER PERMIT SHALL BE PURCHASED WITH THE DOMESTIC WATER METER AFTER AWWD HAS ACCEPTED THE PROJECT FOR USE AND OPERATION.
18. EXISTING WATER SERVICE (S) TO _____ SHALL REMAIN UNINTERRUPTED DURING CONSTRUCTION. UPON ACCEPTANCE OF THE WATER MAIN THE WATER METER(S) SHALL BE TRANSFERRED INTO THE PLAT AS SHOWN. A NO-CHARGE METER APPLICATION SHALL BE COMPLETED PRIOR TO TRANSFER. THE DISTRICT SHALL REMOVE THE EXISTING WATER METER (S) AT DEVELOPER EXPENSE.

19. PROPERTY OWNERS OF THE EXISTING AND/OR OFFSITE EASEMENT SHALL BE NOTIFIED IN WRITING A MINIMUM OF 10 DAYS PRIOR TO START OF CONSTRUCTION. A COPY SHALL BE PROVIDED TO AWWD. A LETTER OF "ACCEPTANCE OF RESTORATION" SHALL BE PROVIDED BY ALL OWNERS TO THE DISTRICT PRIOR TO USE AND OPERATION OF THE PROJECT
20. USE AND OPERATION OF THIS PROJECT IS ENTIRELY CONDITIONED ON ACCEPTANCE BY THE DISTRICT FOR USE AND OPERATION OF _____ EXTENSION NUMBER _____.
21. DECOMMISSION EXISTING WELLS AS REQUIRED BY SNOHOMISH COUNTY HEALTH DEPARTMENT, 425-339-5210. THE DEVELOPER MUST INSTALL REDUCED PRESSURE BACKFLOW ASSEMBLIES IF WATER METERS ARE INSTALLED PRIOR TO DECOMMISSIONING OF THE EXISTING WELLS. A COPY OF VERIFICATION OF WELL DECOMMISSIONING WILL BE REQUIRED FOR PROJECT ACCEPTANCE.
22. DECOMMISSION EXISTING SEPTIC SYSTEMS AS REQUIRED BY SNOHOMISH COUNTY HEALTH DEPARTMENT 425-339-5210.
23. EXISTING _____ WATER MAIN SHALL BE REMOVED. AT A MINIMUM THE CONTRACTOR SHALL CLOSE THE CORP STOPS AND ABANDON THE WATER MAIN IN PLACE BY FILLING THE PIPE WITH CONTROL DENSITY FILL (CDF) AND PLUG BOTH ENDS WITH CONCRETE. DEVELOPER / CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, DISPOSAL AND TRENCH CONDITIONS OF THE EXISTING WATER MAIN.
24. EXISTING _____ SANITARY SEWER MAIN SHALL BE ABANDONED. AT MINIMUM, THE CONTRACTOR SHALL REMOVE MANHOLE LID AND CONE SECTION AND ABANDON MANHOLE AND SEWER MAIN IN PLACE BY FILLING WITH CONTROL DENSITY FILL (CDF) AS DIRECTED BY AWWD. DEVELOPER / CONTRACTOR SHALL BE RESPONSIBLE FOR ABANDONMENT, REMOVAL, DISPOSAL AND TRENCH CONDITIONS OF THE EXISTING SEWER MAIN.
25. DEVELOPER SHALL SUBMIT LEGAL DESCRIPTION OF THAT PORTION OF THE EXISTING WATER AND / OR SEWER EASEMENT TO BE RELINQUISHED. THAT PORTION OF THE EXISTING EASEMENT SHALL BE RELINQUISHED PRIOR TO ISSUANCE OF USE AND OPERATION.
26. WATER MAIN AND SEWER MAIN PLACED IN FILL SHALL BE DUCTILE IRON AND RESTRAINED JOINT. THE PIPE SHALL USE TR FLEX OR SIMILAR LOCKING BELL AND SPIGOT PIPE AS APPROVED BY AWWD. FIELD LOK GASKETS WILL NOT BE ALLOWED.
27. PRIOR TO FILL MATERIAL INSTALLATION, NATIVE GROUND SHALL BE STRIPPED OF ALL ORGANIC MATERIAL, ALLOWING THE BEGINNING FILL SURFACE TO BE OF NATIVE, BEARING SOIL.
28. FILL MATERIAL UNDER AWWD UTILITIES SHALL FOLLOW WSDOT STANDARD SPECIFICATIONS 9-03.14(3) FOR COMMON BORROW, OR JURISDICTIONAL REQUIREMENTS, WHICHEVER IS MORE STRINGENT. THIS BORROW SHALL BE PLACED TO EACH EDGE OF THE EASEMENT. THE DEVELOPER'S ENGINEER SHALL PROVIDE DOCUMENTATION ON THE REQUIREMENTS FOLLOWED FOR THE BORROW MATERIAL AND DOCUMENTATION SHOWING THOSE REQUIREMENTS HAVE BEEN MET.

29. FILL MATERIAL UNDER UTILITIES SHALL BE PLACED IN 2-FOOT LIFTS AND SHALL PASS COMPACTION TESTING USING MODIFIED PROCTOR ASTM D-1557. COMPACTION TESTS SHALL BE TAKEN ON EVERY LIFT AT THE HORIZONTAL FREQUENCY OF 100 FEET, UNDER THE PROPOSED UTILITY LOCATION. THE FILL ABOVE THE UTILITIES SHALL BE IN ACCORDANCE WITH AWWD DEVELOPMENT GUIDELINES AND STANDARDS.
30. A LICENSED GEOTECHNICAL ENGINEERING FIRM, PROVIDED BY THE DEVELOPER AT THE DEVELOPERS EXPENSE, SHALL WITNESS THE BORROW FILL PLACEMENT AND TAKE THE COMPACTION TESTS AT THE FREQUENCY DESCRIBED ABOVE. COMPACTION TESTS BELOW AWWD UTILITIES SHALL BE PROVIDED TO AND APPROVED BY AWWD PRIOR TO SEWER AND WATER MAIN INSTALLATION.
31. ALL WATER METER BOXES SHALL BE TRAFFIC RATED.