Underground Utility Infrastructure
Information Sheet

10/13/03

The city may require additional information as needed. If you have any questions concerning your application submittal, please visit or call the building plans examiner in the Permit Center (425-452-4121) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.

Type of Project	Final Civil Detention Vault Sheet required?	Subject to Fire Truck Loading?	Concurrent or Sequential Review Process?	Engineering Calculations required?	If project is in the public right of way, is a Building Permit required?	Dept. Review
Storm Water Detention Vault[1] (UD)	Yes	Yes / No See Footnote 4	Concurrent	Yes	Check with Fire, Trans., and Utilities	Land Use, Utilities, C & G, Building, Fire, Trans.
Storm Water Detention Tank[1] (UD)	Yes	Yes / No See Footnote 4	Concurrent	Yes	Check with Fire, Trans., and Utilities	Land Use, Utilities, C & G, Building, Fire, Trans.
Utility Vaults[2] (BW)	No	Yes / No See Footnote 4	Sequential	Yes	Check with Fire, Trans., and Utilities	Land Use, Utilities, Building, Fire, Trans.
Convey-ance Pipes[3] (DE)	No	No	N/A	Yes	No	Land Use, Utilities, C & G, Trans.

Definitions / Footnotes:

1. Storm Water Detention = Temporary storage for storm water (*vault* or *tank*).
   Vault is a pre-cast or pour-in-place concrete enclosure.
   Tank is a corrugated metal pipe (round or arched).

2. Utility Vault = Enclosure for electrical transformers, water meters, switching equipment, etc.
   A building permit is required if the vault exceeds 4'x4'x4' in any dimension.

3. Conveyance Pipe = Pipe used to convey water, sewage, storm water, petroleum, natural gas, etc.

4. During review, the Fire Department will determine if the underground structure is subject to fire truck loading. See "Structural Slab Design Loading" for the design loading criteria to be used when fire truck loading is applicable. You can get a copy of this information sheet from Building or Fire in the Permit Center.