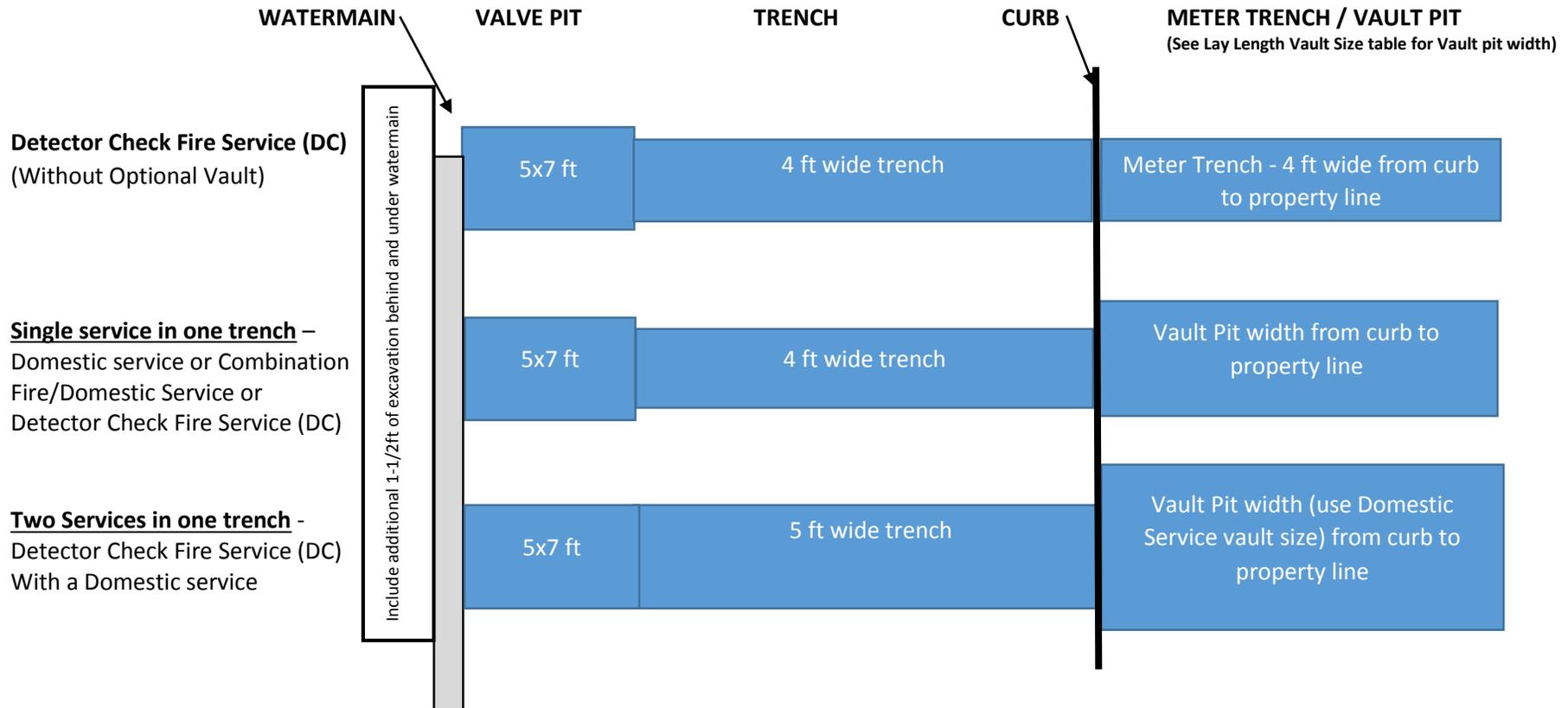


4" AND LARGER WATER SERVICE EXCAVATION EXAMPLES



NOTES:

1. All sites must have a construction review with the Crew Chief prior to excavation.
2. The entire excavated areas must be shored or shielded per WAC 296-155, Part N.
3. Vault knockouts must be centered on incoming trench for proper pipe alignment.
4. Expose all utilities that the water service needs to go under or over so proper coverage is maintained per City of Seattle Standard Plans.
5. All vaults must be set 2 feet clear behind the curb, bedded on 6" minimum pea gravel (Mineral Aggregate, Type 9), and set to finish grade stated on approved construction drawings.



2" AND SMALLER WATER SERVICE EXCAVATION REQUIRED GUIDE LINES



Size of Street Cuts for Using the Pneumatic Boring Tool (Mole/Hole Hog)*

Scope/ Excavation Pit Size	Tap Hole	Gas Hole	Meter Pit (Planting strip)
1-2 QTY – 3/4" & 1" Tap	3' X 4'	2'X 4'	2'X 4'
3-7 QTY – 3/4" SVC Manifold	4'X6"	2'X4'	5'X6'
3-5 QTY – 1" SVC Manifold	4'X6"	2'X4'	5'X6'
DUAL FEED MANIFOLD	8'X5'	(2x) 2'x4'	5'X10'

***The size of the street cut may vary due to site conditions. If the size of the street cut needs to vary from those specified above, then the Crew Chief will work in coordination with the on-site Contractor to determine the specific size.**