



PLAN

NOTES:

1. INSTALL COMBINATION DOMESTIC & FIRE SPRINKLER SYSTEM SERVICE IN ACCORDANCE WITH STANDARD DETAIL #14 (SINGLE WATER SERVICE). BACK OF WATER METER BOX SHALL BE AT THE R/W LINE OR IN THE UTILITY EASEMENT.
2. IT SHALL BE THE OWNER'S RESPONSIBILITY TO INSURE THE SERVICE LINE AND METER SIZES ARE ADEQUATE TO SERVE THE COMBINATION DOMESTIC, FIRE SPRINKLER AND/OR IRRIGATION SYSTEMS. REFER TO LARGE METER AND BACKFLOW DETAILS FOR SYSTEMS REQUIRING PIPE AND METER LARGER THAN 1".
3. THE BACKFLOW PREVENTION DEVICE SHALL BE DOUBLE CHECK VALVE ASSEMBLY AS APPROVED BY THE WASHINGTON STATE DEPARTMENT OF HEALTH. MINIMUM SIZE SHALL MATCH THE METER SIZE.
4. NO CHEMICALS ALLOWED IN FIRE SPRINKLER PIPING SYSTEM.
5. THE BACKFLOW ASSEMBLY SHALL BE INSTALLED BY THE OWNER. THE BACKFLOW ASSEMBLY WILL NEED TO BE TESTED AND REPORT SENT TO UNION HILL WATER ASSOCIATION.
6. FIRE SPRINKLER SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH LOCAL FIRE MARSHALL'S REQUIREMENTS AND HAVE FIRE MARSHALL APPROVAL.
7. DOUBLE CHECK ASSEMBLY FOR FIRE SPRINKLER SYSTEM MAY BE LOCATED IN HOME, BUT ACCESS AVAILABLE FOR YEARLY TESTING MUST BE PROVIDED. ASSEMBLY MUST BE A MINIMUM OF 3 FEET ABOVE FLOOR.
8. SEPARATE DOUBLE CHECK VALVE ASSEMBLY FOR IRRIGATION SYSTEM WILL BE REQUIRED AND IT SHALL NOT BE INSTALLED INSIDE BUILDING; SEE ASSEMBLY, STANDARD DETAIL #26 (DOUBLE CHECK VALVE).

RESIDENTIAL FIRE SERVICE AND IRRIGATION - STANDARD DETAIL

**WATER STANDARD DETAIL
W-36**

**UNION HILL
WATER ASSOCIATION**

SCALE: NTS	DATE: JUNE 10, 2019
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