**WATER PLANS CHECK LIST**

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<th>PLAN CHECK DATES</th>
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<td>DATE RECEIVED</td>
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### COVER SHEET

- **engineer's stamp**
- **separate rmwd and county revision blocks**
- **rmwd signature block**
- **note - approval from district is valid for 2 years**
- **note - no agreements have been executed for water for meter box install.**
- **note - contractor responsible for acp removal**
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- **engineer's stamp**
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- rmwd signature block
- note - approval from district is valid for 2 years
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### PLAN AND PROFILE SHEETS

- **title block**
- **plan scale 1" = 40 ', 1" = 20', or other with prior approval**
- **plan stationing**
- **plan - existing water - min. space to new water - 10 ft**
- **plan - existing sewer - min. space to water - 10 ft**
- **plan - existing storm drains, water, sewer, and power shown**
- **plan - new storm drains**
- **plan - distance to utilities from centerline**
- **plan - existing easement doc numbers**
- **plan - new easements doc numbers**
- **plan - easements min. 20' wide, add 10' for each pipeline**
- **plan - apns**
- **plan - street names**
- **plan - water line size and class called out**
- **plan - water line located betw road centerline and curb**
- **plan - meter box stations (wm box)**
- **plan - blowoffs (bo) at low points and stationed**
- **plan - air release/vacuum (av) at high points and stationed**
- **plan - avoid avs and bos by minor adjusting grading**
- **plan - wm box, bo, av not in driveway**
- **plan - wm box, bo, av at property line, but within row or easement.**
- **plan - valves at intersections of pipelines**
- **plan - valves at max. of 1320 lf on distribution (1000 for high density)**
- **plan - valves at max. of 2500 lf on transmission**
- **plan - loop distribution system if 40 edus or more**
- **plan - north arrow and scale**
- **plan - extend pipeline beyond intersections**
- **plan - pipe data table with pipe size, material, pressure class, awwa std.**
- **plan - service laterals are dropped off at all parcels w/o water srvc.**
- **plan - water services (2' or less) have separation > 3'**
- **plan - water services (greater than 2') have separation > 10'**
- **plan - all copper tubing has cathodic protection**
- **plan - marker posts @ 100' oc alt sides for rmwd easements per wm-06**
- **plan - northing and easting called out at all pipe intersections**
- **profile - stations and elevations at top of pipe at grade breaks**
- **profile - deflection couplings/sdi fitting called out at all bends**
- **profile - original ground line over pipeline**
- **profile - proposed ground line over pipeline**
- **profile - minimum 3' of cover to top of pipe**
- **profile - below 8' maximum allowable cover of existing/proposed pipe**
- **profile - blowoff at low points and high points for flushing**
- **profile - air/vacs at high points**
- **profile - minimum 12" above pipe when crossed by other pipes**
- **profile - if crossing less than 12" use a dip section or move other pipe.**
- **profile - pipeline encased in stl sleeve & concrete at creek crossings.**
- **profile - show all crossing pipelines of 8-in and above w/invert elev.**

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