

WATER STANDARD PLANS

2024

PREFACE

These standard plans incorporate current Water regulations and City water system operation, maintenance, and asset management considerations.

The plan numbering structure of this document follows the same basic structure as the APWA Standard Plans, however, there are some differences. Following is an explanation of the structure of this document:

1. Part 5 – Water Systems. Standard Plan divisions for Water system related details are:
 - Preface, Updates, and Table of Contents
 - Water Notes
 - Fire Hydrants
 - Water Meters
 - Corrosion Protection Systems
 - Piping
 - Thrust Blocks
 - Valves
 - Trenching
 - General
2. Numbering – A plan number having a suffix of “S” identifies that the plan contains index, legend, detail specific notes, and acceptable manufacturer and parts numbers related to the standard plan.

This document is intended to be altered periodically to ensure that the most current Park City Standards are available for public use. This document will be revised and published on the City’s web site as updates are approved and adopted.

THE FOLLOWING IS A SUMMARY OF CHANGES MADE TO DRAWINGS

2024

500: Updated initial flushing requirements.

511: Updated back of curb separation.

511 S: Removed Clow from acceptable manufacturer. Added Tapping Tee. Updated bolt requirements. Updated fire service line pipe material.

520.1 to 522: Updated minimum water service line size.

522 S: Updated vault size. Updated minimum water service line size. Updated setter height.

523, 523 S: Added ball valve.

524 S, 525 S: Added meter lay lengths. Updated setter height.

526: Added Double Check Backflow Assembly.

526 S: Added meter lay lengths. Added Double Check Backflow Assembly.

527: Updated lay lengths before and after meter.

527 S: Updated pipe spool length. Updated pipe size for 3" meters.

528: Updated lay lengths before and after meter.

531: Clarification of contractor responsibilities.

540-A: Updated fire service line pipe material. Revised approval of water line loop construction.

540-B: Updated fire service line pipe material. Revised approval of water line loop construction.

Clarification of minimum pipe lengths.

540-C, 540-D: New.

540 S: Updated to V-Bio poly wrap. Updated fire service line pipe material. Added AC, Permastrand and HDPE Pipe details.

541: Updated minimum water service line size.

541 S: Updated to V-Bio poly wrap. Updated minimum water service line size. Updated approved service saddles. Added HDPE details.

542: Updated allowable service line material. Clarified City responsibility. Updated backflow requirements. Added wax tape requirement for tapping tee. Updated tapping sleeve material to stainless steel. Added notes for allowable tapping pipe size and tapping approval process. Changed standard drawing name.

544-A to 544-C: Revised approval of water line loop construction.

545-A: Moved overlapping callouts.

548: New.

570: Added gate valve detail and valve stem extension note.

570 S: Removed Clow from acceptable manufacturer and zone valve from cover marking.

572: Revised concrete collar requirements in landscaped areas.

573-B.1 to 573-D.2 & 573-E.1 to 573-E.4: Updated component layout.

577-A: Clarification of culinary irrigation water.

577-B: New.

594.1: Added fire flow velocity note.

595: Updated design and approval requirements.

595 S: Removed outdated hyperlinks. Added pump approval restrictions.

*All drawing updates are shown with updated date and revision in title block.

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Water System Field Observation Guidelines 2024