

Adoption of Proposed Revisions to the Water, Recycled Water and Sewer Standards and Specifications

City Council

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Gabe Osburn

Acting Deputy Director of Engineering Services
Planning and Economic Development



- Background
- Revision process
- Description of changes
- Importance of keeping up-to-date
- Delegation of approval authority
- Effective date

- **Design Standards**
 - Framework for designing infrastructure
- **Construction Standards**
 - Specific construction details
- **Construction Specifications**
 - Testing procedures and installation methods



Applicability

- Modifications to water and sewer systems
- CIP and private development projects
- Local operations

Part of Citywide standards related to the development of public infrastructure

- Streets
- Traffic
- Storm Drain
- Parks and Landscaping
- Street Lights



Citywide standard update attempted in 2014. Prior updates occurred in 2009.

- **Council - June 3, 2014 (Continued)**
 - Council requested clear description of changes
- **Council - June 10, 2014 (Continued)**
 - Staff requested additional time to prepare documents
- **Council - July 8, 2014 (Redirected)**
 - Council requested review by Planning Commission and the Design Review Board

Proposed Update Sequence

Phase I

- Potable Water, Recycled Water & Sewer

Phase II

- Storm Drain

Phase III

- Streets
- Street lights
- Traffic
- Parks and Landscaping



Input from multiple City departments

- Fire, Transportation and Public Works, Parks and Planning and Economic Development
- Ensures consistency with other codes and policies

Public outreach & community engagement

- American Council of Engineering Companies (ACEC)
- Engineering Contractor's Association (ECA)

Board of Public Utilities Review

- May 4, 2017 - Study Session to review proposal
- June 1, 2017 - formal action recommending the following to Council:
 - Adoption of proposed revisions
 - Delegation of future approval authority
 - 30 day effective date

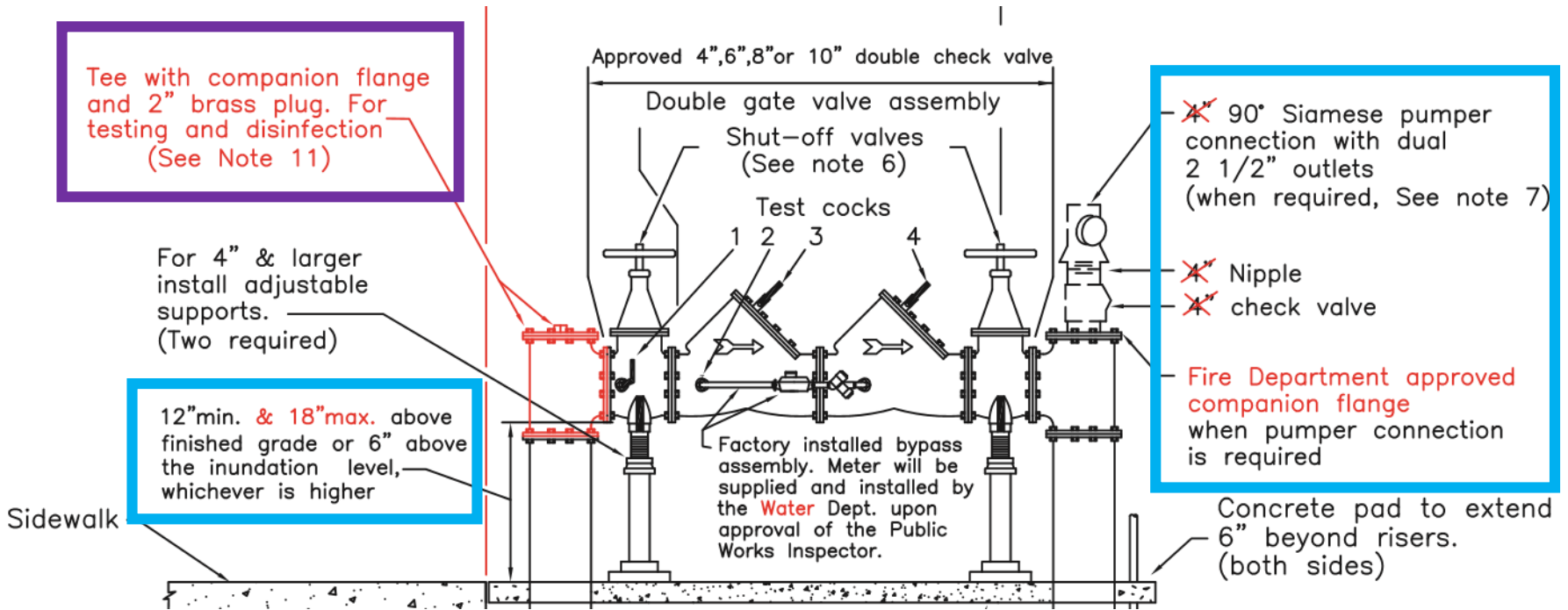
Description of Changes

- **Clarification (70%)**
 - Verbiage or detail to better explain intent
- **Correction (20%)**
 - Identifies correct information or material
- **Improvement (10%)**
 - Improvement in methods or material



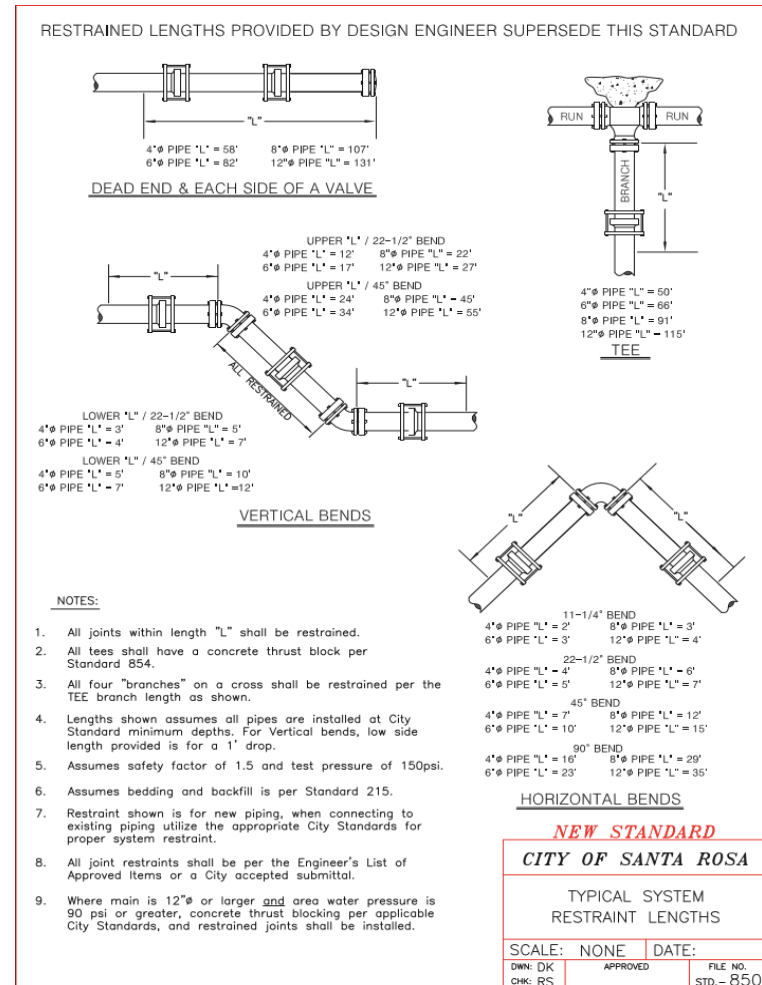
Description of Changes

Improvement
Clarification



New Standard Water – Standard 850

- Allows restrained joints
- Avoids concrete thrust blocks
- Simplifies installation and maintenance



Sewer and Water Standard Specifications

- Significant changes needed to align CIP and private development process
- Creates a higher level of predictability to the construction industry
- Avoids lengthy specifications for capital projects

Why keep the standards up-to-date?

- Ensures consistency in all additions and modifications to the systems
- Provides predictability to the design and construction communities
- Avoids the need to address updates on a case-by-case basis through the plan revision process



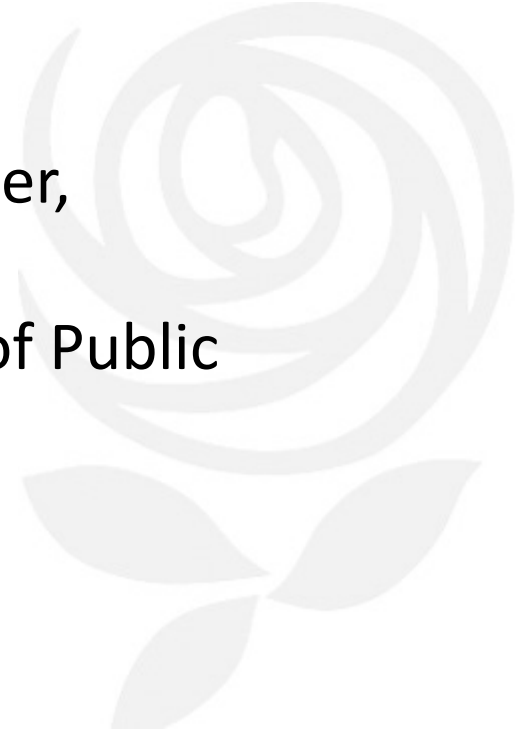
Proposed update process

- Annual review cycle
- Coordinate with Citywide Standards Committee
- Align with industry specific code cycles



Future Approval Authority

- Recommending approval authority of water, recycled water and sewer standards and specifications be delegated to the Board of Public Utilities
- Timelier processing of future revisions
- Consistent with Section 25 of the Charter of the City of Santa Rosa



- Recommending that revised standards go into effect 30 days from Council adoption and only apply to new projects submitted after the effective date
- Proposal will limit impacts to the private design community and avoid a redesign of plans currently under review

- Recommend that City Council adopt the proposed revisions to the design and construction standards and:
- Recommend that City Council delegate future approval authority to the Board
- Recommend that City Council allow standards to go into effect 30 days from the date of adoption

Gabe Osburn
Acting Deputy Director - Engineering
Planning and Economic Development
gosburn@srcity.org
(707) 543-3853

