

SUMMARY OF CHANGES
TO 2005 STANDARD DETAILS FOR CONSTRUCTION
DATED JUNE 12, 2009

Section IV-Water Details

Deleted Standard Detail:

Detail W/5.0 “Compound, Detector Check and FM Meter Installation”

Detail W/5.1 “Dimension for Compound, Detector Check and FM Meter Installation “.

- These details were eliminated for maintenance issues during meter readings and during meter replacement. The pipe layout has not changed since 1963.

Revised Standard Details:

Details W/5.3 “Cast in Place Concrete Vaults for Meter and Valves”

Detail W/5.4 “Precast Concrete Vaults for meter and Valves”.

- These details were revised to current vault standard for water tight pipe connections to vault walls and to allow precast vault manufacturers submit their manufacturing designs for precast vault.

Detail W/5.5 “Top Slab Details for Vaults”.

- This detail was revised to show standards for hatch installations for vaults.

New Standard Details:

Details W/5.0, W/5.0a, W/5.0b, W/5.0c and W/5.0d for 4, 6, 8 and 10-inch FM Meters

Details W/5.1, W/5.1a, W/5.1b and W/5.0c for 4, 6, 8-inch Compound Meters

- These details were developed to incorporate the current meter dimensions, current construction practices and safety concerns from Customer Care Meter Maintenance Units and Meter Readers.

Detail W/5.0e “Remote Reading Device for Meter Location in Roadways”

- This detail was developed to enable large meter vaults located in paved areas to have remote readers. In the past the meter readers had to go into these meter vaults every time the meters had to be read.

Detail W/5.24 “Cast in Place Concrete and Precast Concrete Top Slab for FM Meter and Detector Check Vaults

Detail W/5.25 “Cast in Place Concrete and Precast Concrete Top Slab for Compound Meters and FM Meter with Check Valve Vault”.

- These details were developed for access and removal of large meter from vaults.

Detail W/12.0 “4-inch, 6-inch, 8-inch and 10-inch Detector Check Vaults for the Replacement of Existing Detector Check Only”

Detail W/12.0a “Detector Check Vault piping Layout for the Replacement of Existing Detector Check Only”.

- These details were developed to meet the new requirements for detector checks. WSSC stop using the lever type detector checks over twenty years ago and now a need to replace these detector checks require new vault layouts.