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Where Values Make The Difference

MEMORANDUM

Case # 15-05

DATE: April 6, 2016
TO: MAG Specifications and Details Committee Members
FROM: Warren White, City of Chandler Representative
SUBJECT: Proposed Revisions to Detail 270 and Section 616 (UPDATE)

Purpose: Incorporate a square frame and cover intended for reclaimed water valve construction meeting ADEQ requirements (option to colored purple)

Revisions:

- New “SQUARE FRAME AND COVER AND GRADE ADJUSTMENT” Detail 271 (instead of previously proposed Detail 270-2).
- Revise current Detail 270 and proposed Detail 271, removing text “TYPE OF LETTERS TO BE SUBMITTED FOR APPROVAL” from note 2.
- Revise Section 616 Reclaimed Water Line Construction as follows:

616.2 MATERIALS:

Pipe materials shall be in accordance with Section 610.

Valves shall be in accordance with Sections 610 and 630.

Valve boxes shall be in accordance with Section 345, this Section and Detail 391-1 and 391-2. Frame and cover shall be in accordance with Detail 271, or per Agency requirements. Manholes shall be in accordance with Section 625, 787 and this Section, and applicable Details.

Notes:

Arizona Administrative Code R18-9 Article 6 Reclaimed Water Conveyances requires mechanical appurtenances (valves) to be colored purple or legibly marked to identify it as part of the reclaimed water distribution system and distinguish it from systems for potable water distribution and sewage systems. Some municipalities have been using a square frame and cover for this purpose.

