



**Chandler • Arizona**  
*Where Values Make The Difference*

**MEMORANDUM**

**Case # 15-05**

**DATE:** March 4th, 2015

**TO:** MAG Specifications and Details Committee Members

**FROM:** Warren White, City of Chandler Representative

**SUBJECT:** Proposed Revisions to Section 616 Reclaimed Water Line Construction and NEW Reclaimed Valve Box detail

Revisions:

1. Revision to Section 616 Reclaimed Water Line Construction

Section 616.2 MATERIALS:

Pipe materials shall be in accordance with Section 610.

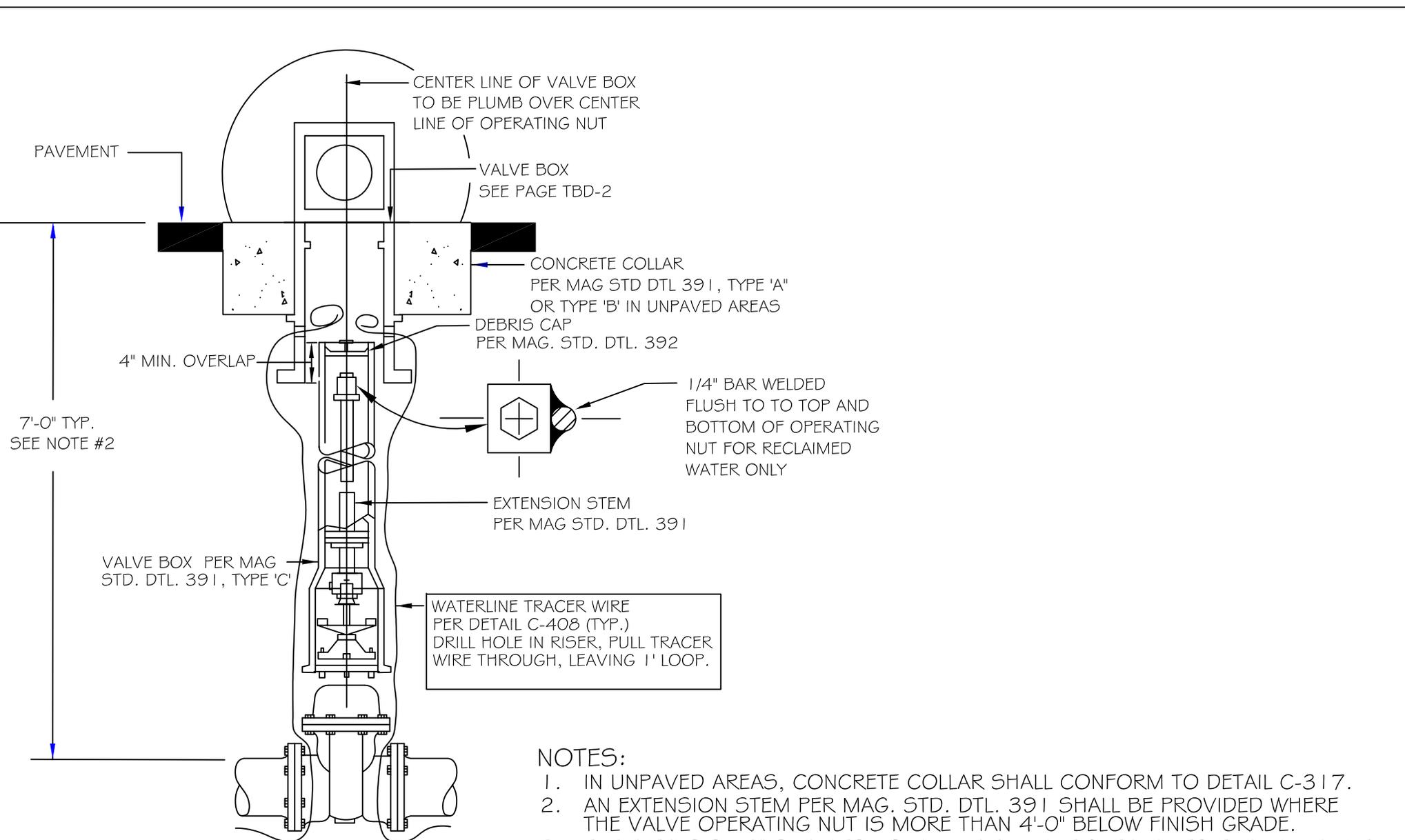
Valves shall be in accordance with Sections 610 and 630.

Valve boxes shall be in accordance with Section 345, this Section and Detail 391-1, ~~and 391-2~~ and TBD.  
Manholes shall be in accordance with Section 625, 787 and this Section, and applicable Details.

2. New Reclaimed Valve Box Detail No. TBD

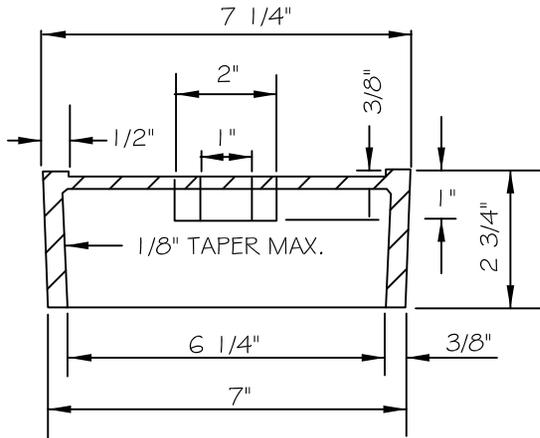
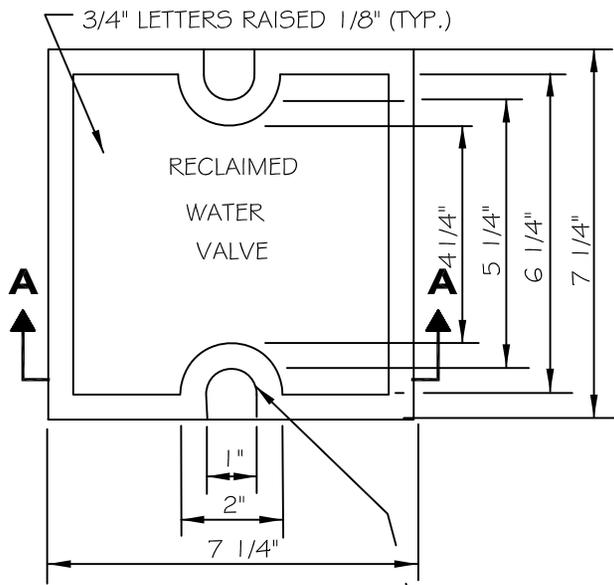
See attached initial DRAFT for further development.



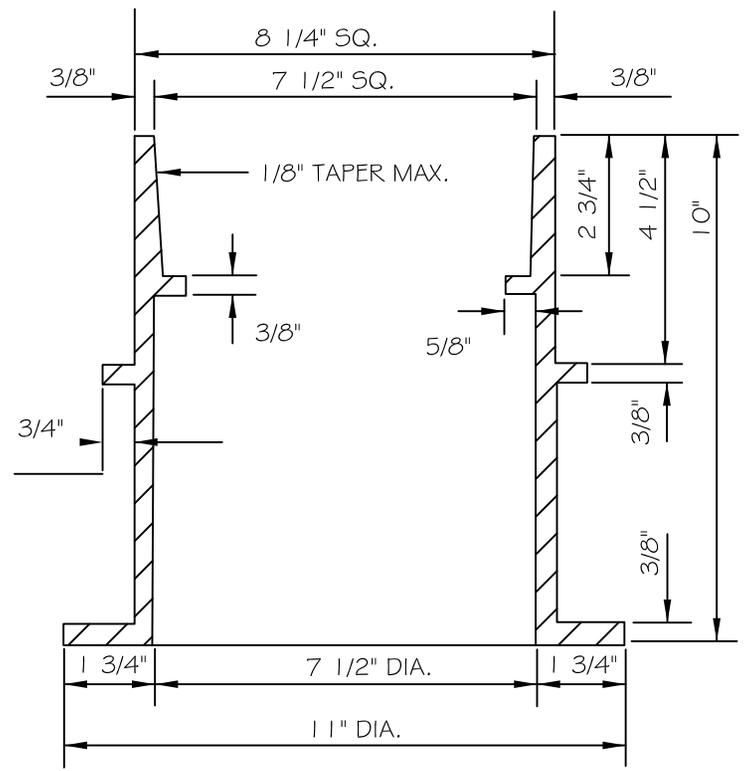


**NOTES:**

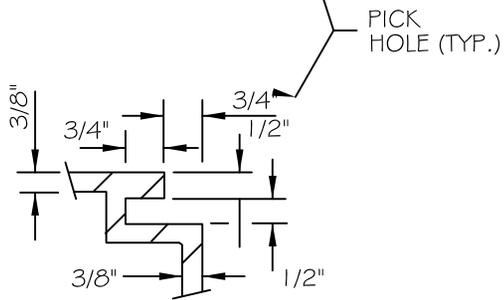
1. IN UNPAVED AREAS, CONCRETE COLLAR SHALL CONFORM TO DETAIL C-317.
2. AN EXTENSION STEM PER MAG. STD. DTL. 391 SHALL BE PROVIDED WHERE THE VALVE OPERATING NUT IS MORE THAN 4'-0" BELOW FINISH GRADE.
3. THE EXTENSION 2" OPERATOR SHALL BE FIRMLY TIGHTENED TO THE VALVE NUT.
4. BACKFILL SHALL BE 1/2 SACK CLSM. PER MAG. SPECIFICATION 718.
5. VALVE BOXES SHALL NOT BE INSTALLED WITHIN CONCRETE GUTTER, SIDEWALK, RAMPS OR VALLEY GUTTER.



**SECTION A - A  
COVER**



**SECTION  
VALVE BOX**



**SECTION**

- NOTES:
1. ALL MATERIAL SHALL BE CAST IRON PER ASTM. A-48, CLASS 30 B.
  2. THE SURFACES OF THE COVER AND BOX WHICH COME IN CONTACT WITH EACH OTHER MUST BE SMOOTH AND FREE OF ALL CASTING RIDGES AND BURRS TO PROVIDE A SNUG FIT.
  3. THE VALVE BOX SHALL HAVE A ROUND BOTTOM TO ACCOMMODATE RISER PIPE. THE TOP OF THE VALVE BOX SHALL BE SQUARE.
  4. THE LID AND INSIDE AND OUTSIDE OF THE RISER PIPE SHALL BE COLORED PURPLE. COLOR MAY BE INCORPORATED INTO PIPE DURING MANUFACTURE OR PAINTED ONTO PIPE SURFACE. WHEN PAINTED THE PAINT SHALL BE SEYMOUR SAFETY PURPLE.
  5. LETTERING SHALL BE RESTRICTED TO THAT SHOWN ON THE VALVE BOX COVER.

DETAIL NO. <b>TBD- 2</b>	 <b>MARICOPA ASSOCIATION of GOVERNMENTS</b> STANDARD DETAIL <b>ENGLISH</b>	<b>RECLAIMED WATER VALVE BOX INSTALLATION</b>	REVISED 3/4/15 Draft	DETAIL NO. <b>TBD- 2</b>
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