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Subject: Case 16-08 Comments
Date: Wednesday, July 06, 2016 11:50:12 AM
Attachments: [Case 16-08 Detail 391-1 Mark-up 2016-07-06.pdf](#)

The TYPE 'A' drawing in Detail 391-1

1. Coordinate with Detail 270 by adjusting the callout 8" CI FRAME AND COVER AS PER DETAIL 270 to read INSTALL 8" CI FRAME AND COVER PER DETAIL 270 and then delete callouts that duplicate those on Detail 270 (See attached file).
2. Rebar is shown in the concrete ring for unpaved conditions with note: SEE NOTE 5. This revision, if desired, should be shown in Detail 270.
 - a. Is the rebar (as shown) desired only in areas subject to traffic that are unpaved?
 - b. The requirement in NOTE 5 should be adjusted to identify the reinforcing steel as a #4 HOOP with the hoop diameter identified. The hoop diameter should be within the range of 27" \pm 3" – use whatever diameter is commonly provided.

The TYPE 'C' drawing in Detail 391-1

1. Rebar is shown in the concrete ring for unpaved conditions with note: SEE NOTE 5.
 - a. Is the rebar (as shown) desired only in areas subject to traffic that are unpaved?
 - b. The requirement in NOTE 5 should be adjusted to identify the reinforcing steel as a #4 HOOP with the hoop diameter identified. The hoop diameter should be within the range of 21" \pm 3" – use whatever diameter is commonly provided.

Detail 391-2

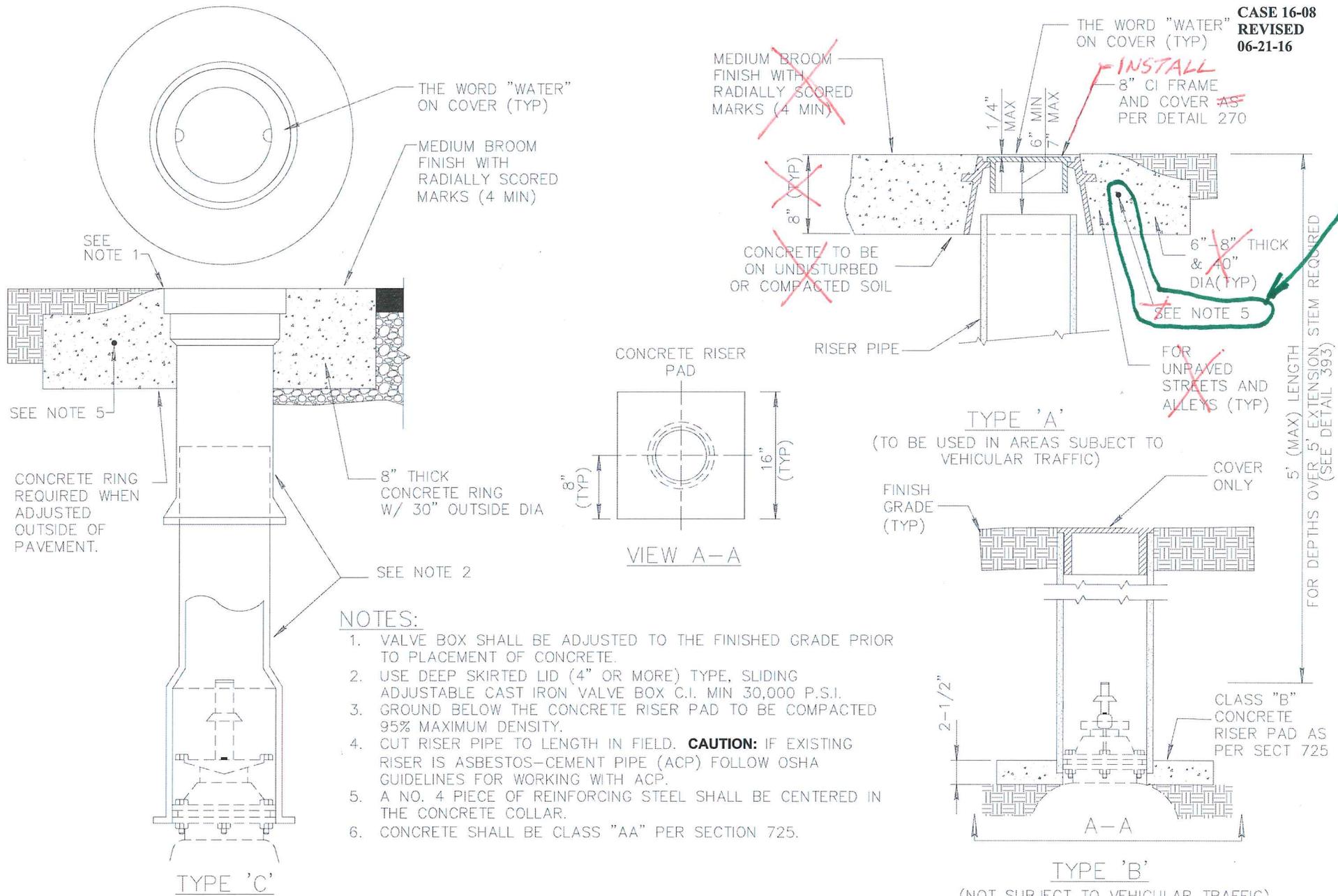
1. Coordinate with Detail 270 by adjusting the callout 8" CI FRAME AND COVER AS PER DETAIL 270 to read INSTALL 8" CI FRAME AND COVER PER DETAIL 270 and then delete callouts that duplicate those in Detail 270 (Similar adjustments as recommended for TYPE 'A' in Detail 391-1).
2. Rebar is shown in the concrete ring for unpaved conditions with note: SEE NOTE 6. See adjustment as recommended for TYPE 'A' in Detail 391-1
3. Delete the dimension **Min 1" \pm ¼"** it is not needed due to the **6" MIN 7" MAX** dimension.

Detail 393

1. Note 2 provides rust protection for the stem, why is the dirt ring and its support plate not also treated?
2. How is the pipe sleeve going to turn the square socket at the bottom of the extension?

IN CONFLICT W/ DET 270

CASE 16-08
REVISED
06-21-16



NOTES:

1. VALVE BOX SHALL BE ADJUSTED TO THE FINISHED GRADE PRIOR TO PLACEMENT OF CONCRETE.
2. USE DEEP SKIRTED LID (4" OR MORE) TYPE, SLIDING ADJUSTABLE CAST IRON VALVE BOX C.I. MIN 30,000 P.S.I.
3. GROUND BELOW THE CONCRETE RISER PAD TO BE COMPACTED 95% MAXIMUM DENSITY.
4. CUT RISER PIPE TO LENGTH IN FIELD. **CAUTION:** IF EXISTING RISER IS ASBESTOS-CEMENT PIPE (ACP) FOLLOW OSHA GUIDELINES FOR WORKING WITH ACP.
5. A NO. 4 PIECE OF REINFORCING STEEL SHALL BE CENTERED IN THE CONCRETE COLLAR.
6. CONCRETE SHALL BE CLASS "AA" PER SECTION 725.

DETAIL NO.
391-1



STANDARD DETAIL
ENGLISH

VALVE BOX INSTALLATION
AND GRADE ADJUSTMENT

REVISED
DRAFT
01-01-2017

DETAIL NO.
391-1