

March 20, 2006

TO: Members of the MAG Specifications and Details Committee

FROM: Robert Herz, Maricopa County DOT, Chairman

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF AGENDA

Wednesday, April 5, 2006, 1:30 p.m.  
MAG Office, Second Floor, Cholla Room  
302 North First Avenue, Phoenix

The meeting of the MAG Specifications and Details Committee will be held at the place and time indicated above. The agenda for the meeting is provided below. **Please park in the garage under the Compass Bank Building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.** Please call me at (602) 506-4760 if you have questions about the upcoming meeting.

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AGENDA

<u>ITEM</u>	<u>COMMITTEE ACTION REQUESTED</u>
1. <u>Call to Order</u>	1. No action required.
2. <u>Approval of March 1, 2006 Meeting Minutes</u>	2. Corrections and approval of March 1, 2006 minutes.
3. <u>2006 Cases</u>	3. For Review, Discussion, and Submission of cases.
4. <u>General Discussion</u>	4. For information and discussion.
5. <u>Adjournment</u>	5. No action required.

MEETING MINUTES FROM THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

March 1, 2006

Maricopa Association of Governments Office, Cholla Room  
302 North First Avenue  
Phoenix, Arizona

AGENCY MEMBERS

Jim Badowich, Avondale	* Kelly Jensen, Mesa
David Fern, Chandler	Jesse Gonzalez, Peoria
Mark Weiner, Gilbert	Jeff Van Skike, Phoenix (St. Trans.)
Wade Ansell, Glendale	Matthew Woodland, Phoenix (Water)
* Tom Vassallo, Goodyear	Rodney Ramos, Scottsdale
Bob Herz, MCDOT, Chairman	* Don Moseley, Surprise
* Steven Borst, MCESD	James Bond, Tempe

ADVISORY MEMBERS

John Ashley, ACA	Paul R. Nebeker, Independent
Jeff Benedict, ARPA	William Ast, NUCA
Brian Gallimore, AGC	* Dale Phelan, NUCA
Peter Kandaris, SRP, Vice Chairman	

MAG ADMINISTRATIVE STAFF

Gordon Tyus

\* Members not attending or represented by proxy.

GUESTS/VISITORS

(none)

1. Call to Order

Chairman, Bob Herz, called the meeting to order at 1:33 p.m.

## 2. Approval of Minutes

The members reviewed the February 1, 2006 meeting minutes. Jeff Van Skike introduced a motion to accept the minutes as written. James Bond seconded the motion. A voice vote of all ayes and no nays was recorded.

## 3. 2006 Cases

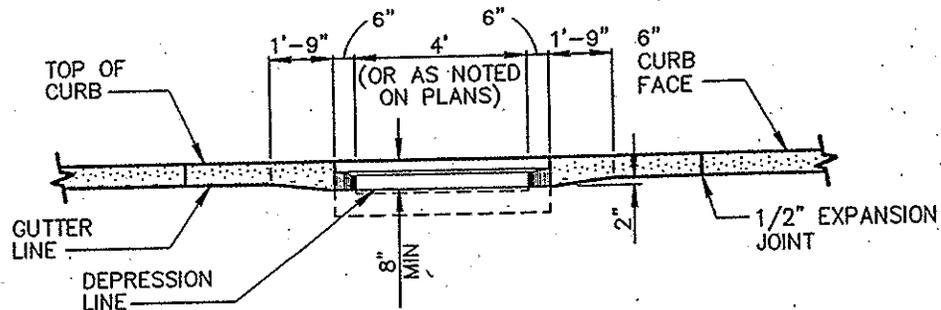
- a. **Case 06-01 – Safety Rail addition to Concrete Scupper Detail 206:** Updated revisions to Details 206-1 and 206-2 were handed out by Bob Herz (dated March 1, 2006, see attachments) and included a reorganization of notes, detailing to better show that the sidewalk and curb poured monolithically, and edge radius for curbs. Committee discussion included addition of tie bars in Section B to aid in construction, changing the detail to show the scupper throat opening to be at 8 inches with no minimum, and possible removal of the curb score mark within the monolithic poured section. Members were requested to review the changes as revised and return with comments for the next meeting.
- b. **Case 06-02 – Clarifications to Detail 440:** Revisions to Detail 440-1, 440-2 and 440-3. New changes were passed out by Bob Herz for Detail 440-1 (dated March 1, 2006, see attachment) and included a maximum depth of 4 feet and a minimum depth of 2 feet for electronic markers and the deletion of the word “ball” from the marker description throughout the detail. Matthew Woodland said that City of Phoenix would soon provide the committee comments on Detail 440-2 that have gone through their design review process. Members were requested to review the proposed changes and return with comments for the next meeting.
- c. **Case 06-03 – Miscellaneous Corrections:** Drafting correction to Details 533-3 and 533-4. The committee had no discussion on this item.

## 4. General Discussion:

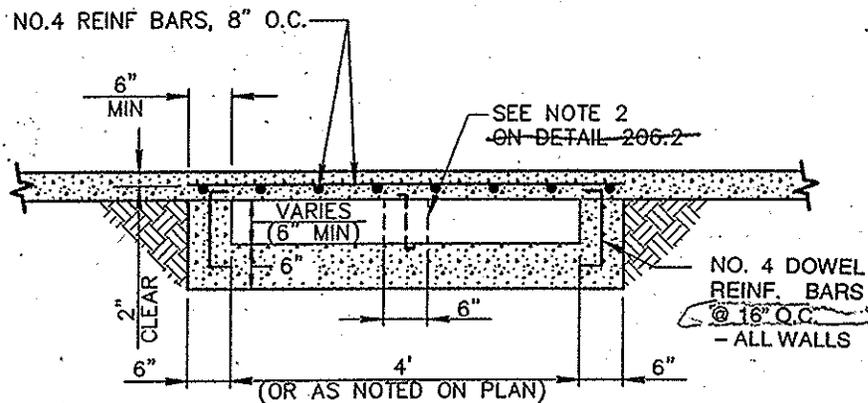
- a. Bob Herz and Gordon Tyus stated that the consultant pre-proposal conference for the RFP to review and inventory agency supplemental specifications and details in relation to MAG Specifications and Details would be held at 3:30 following today’s committee meeting. The RFP schedule was discussed. The proposal submittal date is March 13, 2006. The submittals will be reviewed during the week of March 20, 2006 with recommendations forwarded to the management committee at least one week prior to their April 5, 2006 meeting. John Ashley, William Ast, David Fern and Rodney Ramos volunteered to join Bob Herz on the proposal review committee.
- b. Gordon Tyus noted that MAG project nomination forms were now available.

## 5. Adjournment:

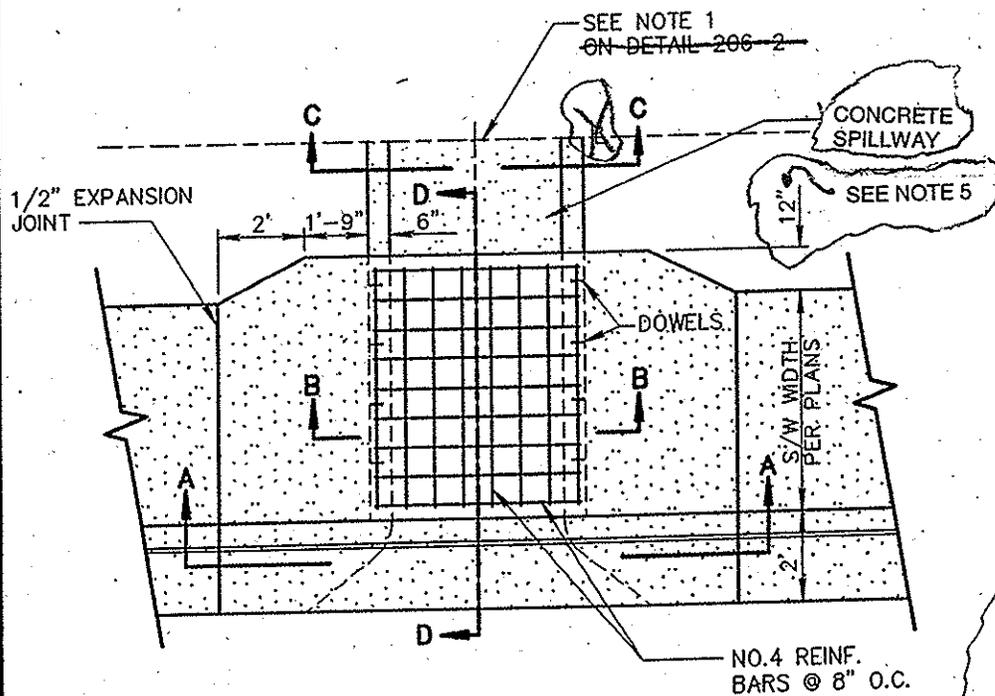
The meeting was adjourned at 2:06 p.m.



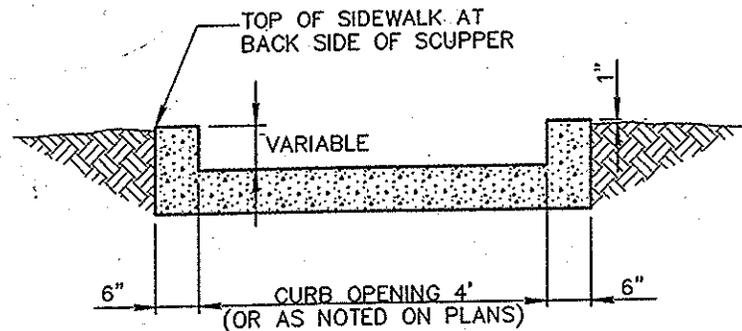
SECTION A-A



SECTION B-B



SCUPPER PLAN VIEW



SECTION C-C  
SPILLWAY

NOTES:

1. TRANSITION TO SPILLWAY/CHANNEL AS PER APPROVED PLANS.
2. A CENTER WALL SHALL BE INSTALLED IN SCUPPERS WIDER THAN 4' OR IF MORE THAN 1 SCUPPER IS BUILT IN SERIES.
3. EXPANSION JOINT FILLER SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER, ASTM D-1751.
4. UNLESS OTHERWISE NOTED, CONCRETE SHALL BE CLASS 'B' PER SECTION 725.
5. 12" OFFSET DISTANCE SHALL BE INCREASED TO 2'-6" FOR DESIGNATED BICYCLE PATHS.

DETAIL NO.  
206-1



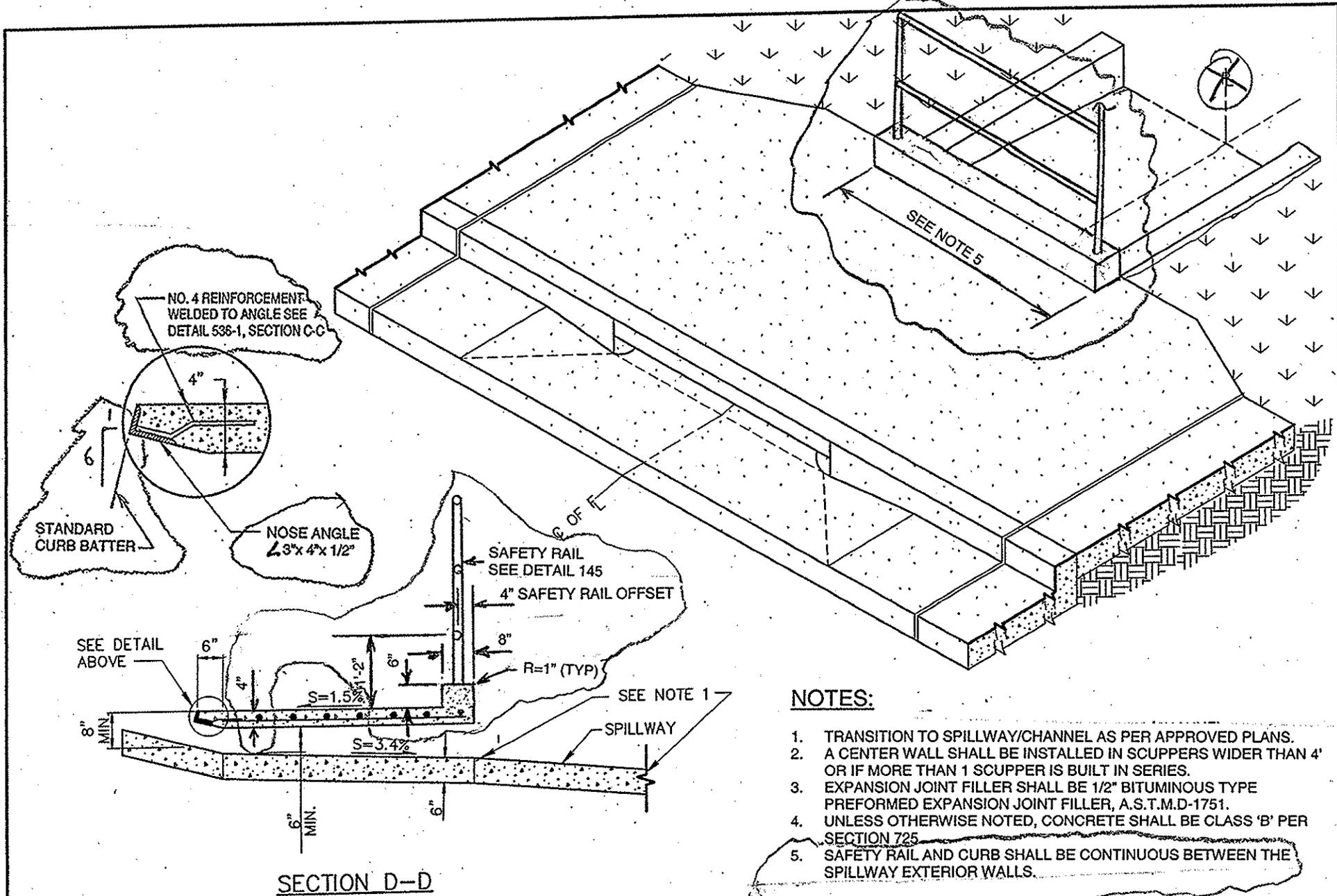
STANDARD DETAIL  
ENGLISH

CONCRETE SCUPPER

REVISED  
01-01-2007

DETAIL NO.  
206-1

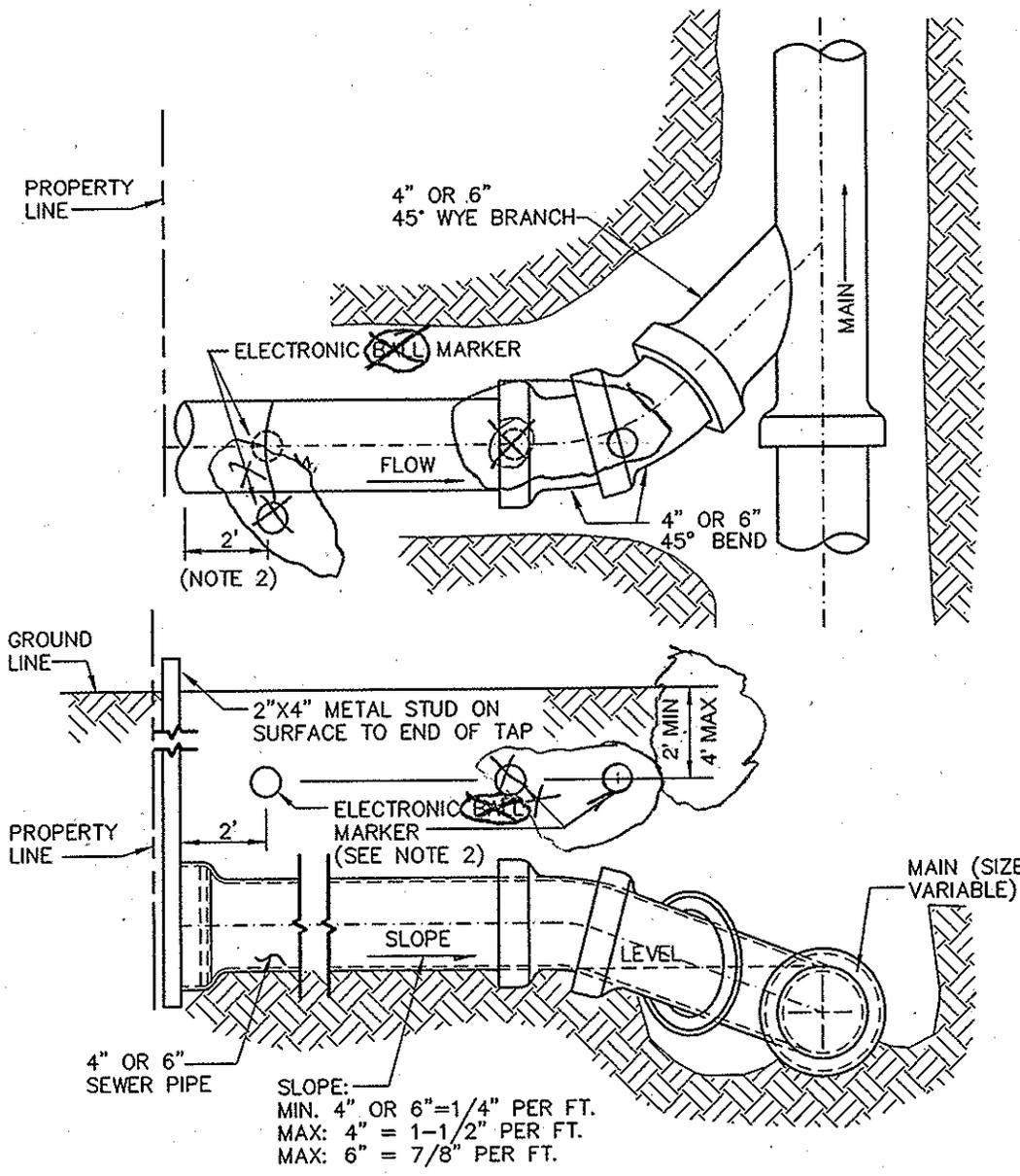
CASE 06-01  
Revised 3/1/2006



**NOTES:**

1. TRANSITION TO SPILLWAY/CHANNEL AS PER APPROVED PLANS.
2. A CENTER WALL SHALL BE INSTALLED IN SCUPPERS WIDER THAN 4" OR IF MORE THAN 1 SCUPPER IS BUILT IN SERIES.
3. EXPANSION JOINT FILLER SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER, A.S.T.M.D-1751.
4. UNLESS OTHERWISE NOTED, CONCRETE SHALL BE CLASS 'B' PER SECTION 725
5. SAFETY RAIL AND CURB SHALL BE CONTINUOUS BETWEEN THE SPILLWAY EXTERIOR WALLS.

DETAIL NO. <b>206-2</b>	MARICOPA ASSOCIATION of GOVERNMENTS	STANDARD DETAIL <b>ENGLISH</b>	<b>CONCRETE SCUPPER</b>	REVISED 01-01-2007	DETAIL NO. <b>206-2</b>
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ELECTRONIC MARKER PLACEMENT

**NOTES:**

1. ELECTRONIC ~~BALL~~ MARKER SHALL BE A 3M MODEL 1424-XR/ID [4" DIAMETER SELF LEVELING MARKER BALL GREEN IN COLOR] OR APPROVED EQUAL OR AS REQUIRED BY THE LOCAL AGENCY.
2. MARKER SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS, 2' BACK FROM THE END OF THE SEWER SERVICE STUB AND CINCH TIED TO PIPE OR ABOVE PIPE AS REQUIRED BY LOCAL AGENCY. AN ADDITIONAL MARKER SHALL BE INSTALLED AT EACH SERVICE STUB BEND.
3. ELECTRONIC MARKER SHALL BE RESTORED BY CONTRACTOR IF DISTURBED WHEN PRIVATE SERVICE LINE CONNECTION IS INSTALLED.
4. MARKER SHALL BE USED IN ADDITION TO A 2"x4" METAL STUD.
5. CONSTRUCTION DETAIL APPLIES WHERE CONTRACTOR BUILDS HOUSE CONNECTION. TAP EXTENDS TO PROPERTY LINE IN ALLEYS OR STREETS OR TO EASEMENT LINE.
6. SIZE OF TAP SHALL BE DESIGNATED ON PLANS.
7. CONSTRUCT TAP AT MINIMUM SLOPE IF COVER WILL BE LESS THAN 5' AT PROPERTY LINE.
8. ALL FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D-2321. THE CONTRACTOR MAY VARY FROM THE DRAWING TO USE THE APPROPRIATE WYES, TEE-WYES AND BENDS TO ENSURE NO MISALIGNMENT OF THE PIPE AND FITTINGS. BLOCK OR BRACE FITTINGS JOINTS TO ENSURE ZERO DEGREES ANGULAR JOINT DIRECTION DEFLECTION
9. END OF TAP TO BE SEALED AND MARKED AS NOTED.

DETAIL NO. <b>440-1</b>	 <b>STANDARD DETAIL ENGLISH</b>	<b>TYPE 'A' - SEWER BUILDING CONNECTION ELECTRONIC BALL MARKERS (STANDARD)</b>	REVISED <b>2007</b> 01-01-2006	DETAIL NO. <b>440-1</b>
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