

OCT 5 2016 AM 8:25

**RULE NOs.: R161-16.21
 & R161-16.22**

POSTING DATE: October 5, 2016

NOTICE OF PROPOSED RULE

The Director of Watershed Protection Department proposes to adopt the following rules after November 6, 2016.

Comments on the proposed rules are requested from the public. Comments should be submitted to Dana McGehee, 505 Barton Springs Road, Suite 1200, Austin Texas, 78704, 974-2634, or via email at dana.mcgehee@austintexas.gov. To be considered, comments must be submitted before November 6, 2016, the 32nd day after the date this notice is posted. A summary of the written comments received will be included in the notice of rule adoption that must be posted for the rules to become effective.

Affordability impact statements regarding the proposed rules have been obtained and are available for inspection or copying at the address noted in the preceding paragraph.

EFFECTIVE DATE OF PROPOSED RULE

A rule proposed in this notice may not become effective before the effective date established by a separate notice of rule adoption. A notice of rule adoption may not be posted before November 6, 2016 (the 32nd day after the date of this notice) or not after January 3, 2017 (the 90th day after the date of this notice).

If a proposed rule is not adopted on or before January 3, 2017 it is automatically withdrawn and cannot be adopted without first posting a new notice of a proposed rule.

TEXT OF PROPOSED RULE

A copy of the complete text of the proposed rules is available for public inspection and copying at the following locations. Copies may be purchased at the locations at a cost of ten cents per page:

Watershed Protection Department, located at 505 Barton Springs Road, Suite 1200, Austin, TX, 78704; and

Office of the City Clerk, City Hall, located at 301 West 2nd Street, Austin, Texas.

BRIEF EXPLANATION OF PROPOSED RULES

R161-16.21: Revisions to the Standard Specifications Manual as follows:

Item 601S – Salvage and Placement of Topsoil

- Revised the submittals; removed reference to TxDOT specifications; revised description of topsoil; added organic matter and salinity requirements for imported topsoil; added description and requirements/parameter for compost; updated references for SS608S and SS609S; and added decompaction requirements for proposed planting areas.

New Item 661S – Soil Decompaction

- Added soil decompaction specifications.

R161-16.22: Revisions to the Standards Manual as follows:

SPD 660-3 and SPD 660-4 – Rain Garden Typical Inlet Details 1 and 2

- Reduced splash pad area and provided dimensions for drop from back of curb to top of splash pad area to improve function and reduce maintenance of rain gardens.

New Details

- **625S-2A** – Grade Control Riffle Structure with Embedded Toe
- **625S-2B** – Grade Control Structure Rock Riffle with Preformed Scour Pool
- **625S-3A** - Grade Control Structure Rock Riffle with Concrete Crest and Embedded Toe
- **625S-3B** - Grade Control Structure Rock Riffle with Concrete Crest and Preformed Scour Pool
- **625S-4A** - Grade Control Structure Rock Riffle with Boulder Crest and Embedded Toe
- **625S-4B** - Grade Control Structure Rock Riffle with Boulder Crest and Preformed Scour Pool
- **625S-5A** - Grade Control Structure Rock Riffle with Wastewater Crossing and Embedded Toe
- **625S-5B** - Grade Control Structure Rock Riffle with Wastewater Crossing with Preformed Scour Pool
- **625S-6** – Straight Stepped Rock Drop


AUTHORITY FOR ADOPTION OF PROPOSED RULE

The authority and procedure for the adoption of a rule to assist in the implementation, administration, or enforcement of a provision of the City Code is established in Chapter 1-2 of the City Code. The authority to regulate water quality is established in Chapter 25-8 of the City Code.

CERTIFICATION BY CITY ATTORNEY


By signing this Notice of Proposed Rules (R161-16.21 & R161-16.22), the City Attorney certifies the City Attorney has reviewed the rule and finds that adoption of the rule is a valid exercise of the Director's administrative authority.

REVIEW AND APPROVED



Joe Pantalion, P.E., Director
Watershed Protection Department

Date: 9/15/16



Anne Morgan
City Attorney

Date: 10/5/16

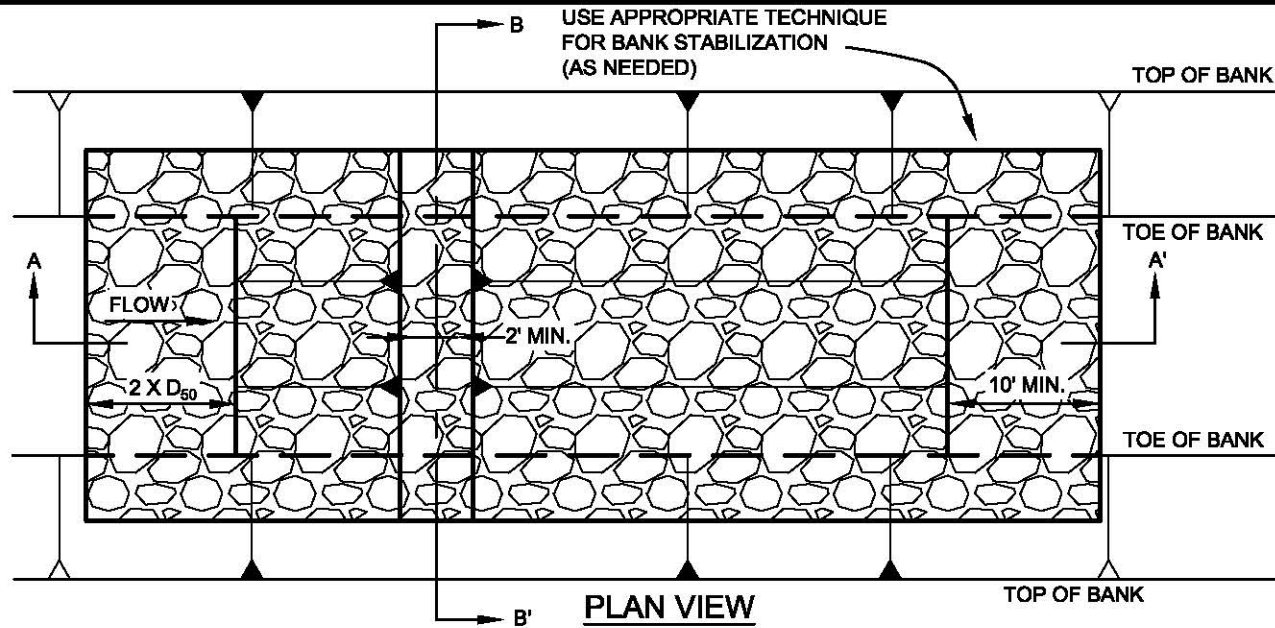
This Notice of Proposed Rules was posted on a central bulletin board at City Hall by the City Clerk. Date and time stamp is on the front of the notice.

CITY OF AUSTIN
WATERSHED PROTECTION DEPARTMENT

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE USE
OF THIS STANDARD.

STANDARD NO.
625S-2.A

GRADE CONTROL RIFLE STRUCTURE
WITH EMBEDDED TOE

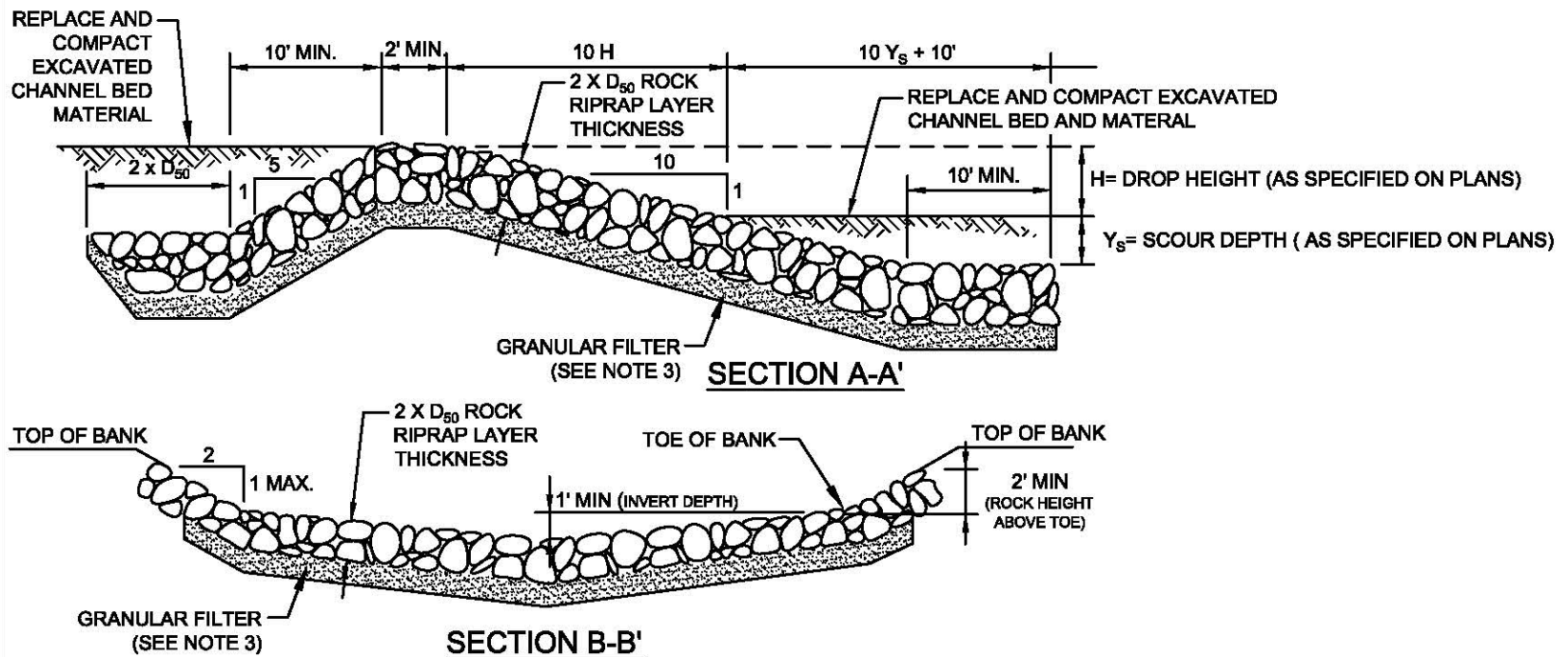


NOTES:

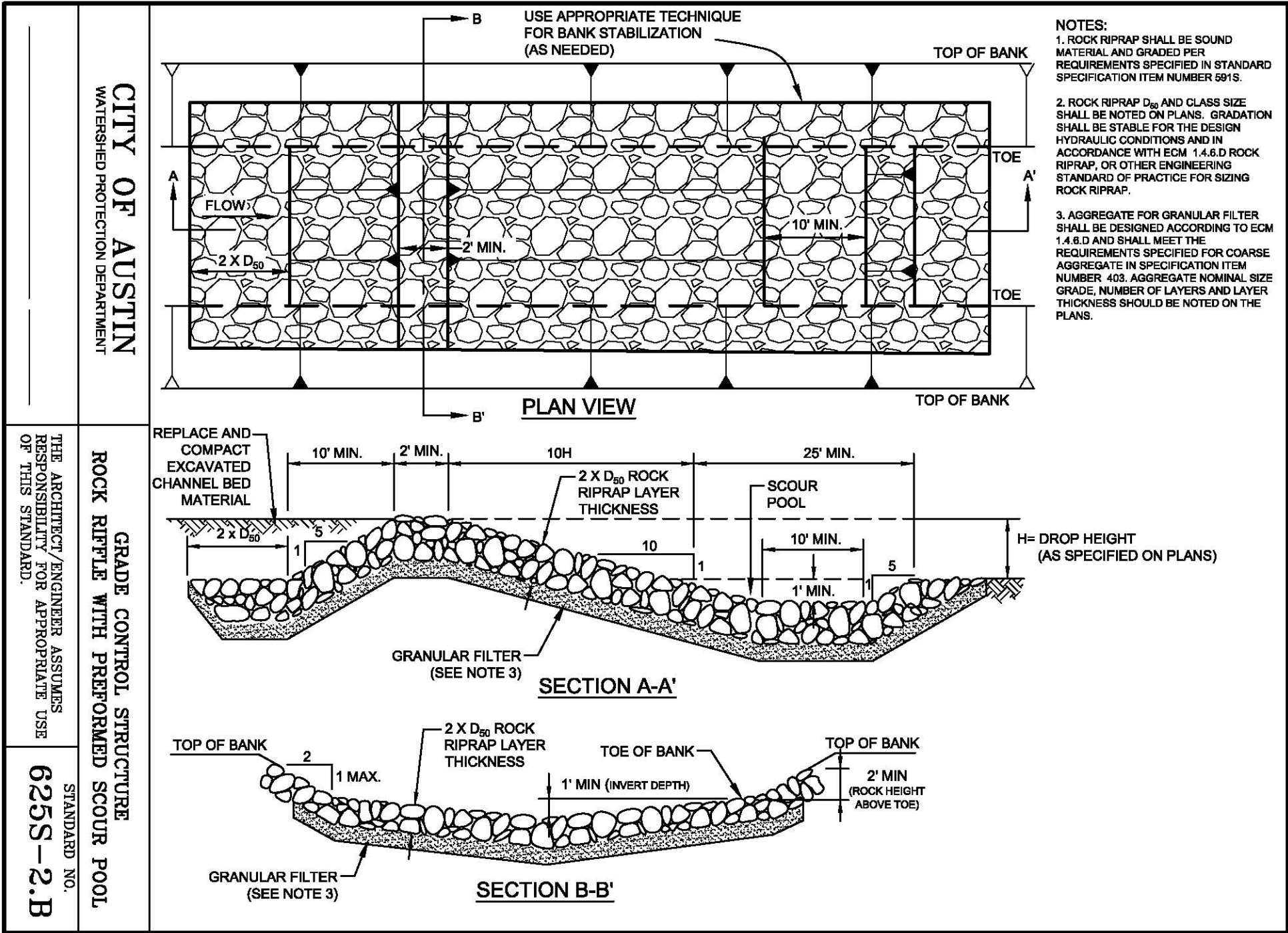
1. ROCK RIPRAP SHALL BE SOUND MATERIAL AND GRADED PER REQUIREMENTS SPECIFIED IN STANDARD SPECIFICATION ITEM NUMBER 591S.

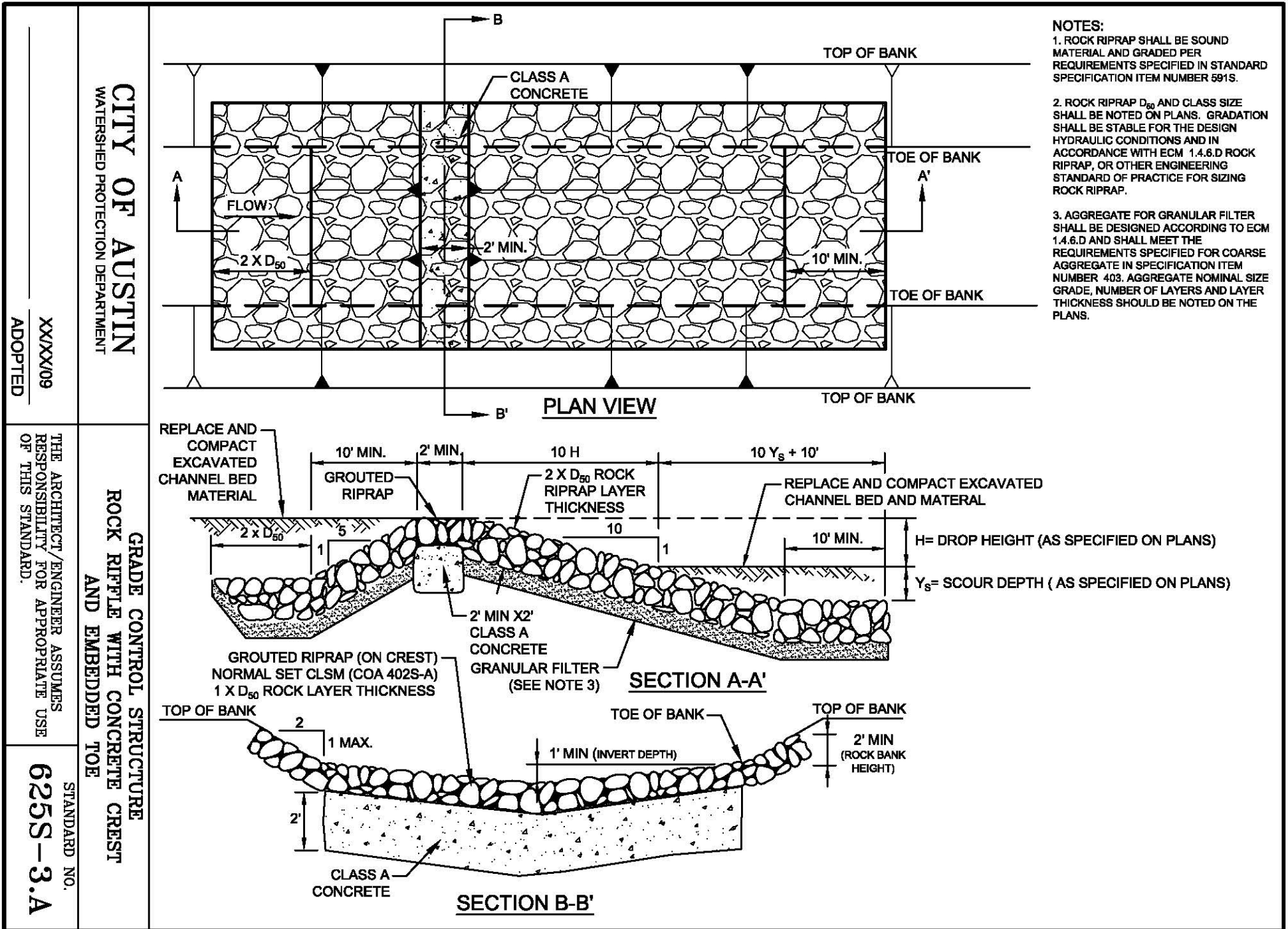
2. ROCK RIPRAP D_{50} AND CLASS SIZE SHALL BE NOTED ON PLANS. GRADATION SHALL BE STABLE FOR THE DESIGN HYDRAULIC CONDITIONS AND IN ACCORDANCE WITH ECM 1.4.6.D ROCK RIPRAP, OR OTHER ENGINEERING STANDARD OF PRACTICE FOR SIZING ROCK RIPRAP.

3. AGGREGATE FOR GRANULAR FILTER SHALL BE DESIGNED ACCORDING TO ECM 1.4.6.D AND SHALL MEET THE REQUIREMENTS SPECIFIED FOR COARSE AGGREGATE IN SPECIFICATION ITEM NUMBER 403. AGGREGATE NOMINAL SIZE GRADE, NUMBER OF LAYERS AND LAYER THICKNESS SHOULD BE NOTED ON THE PLANS.



Add new detail



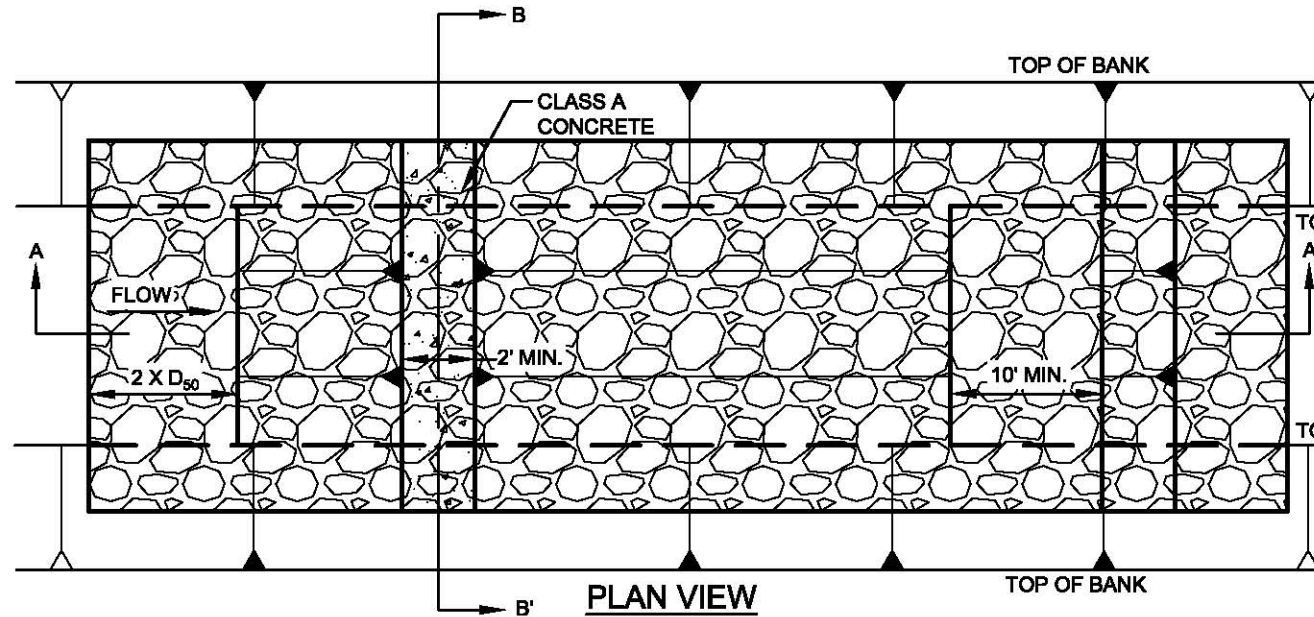


CITY OF AUSTIN
WATERSHED PROTECTION DEPARTMENT

GRADE CONTROL STRUCTURE
ROCK RIFFLE WITH CONCRETE CREST
AND PREFORMED SCOUR POOL

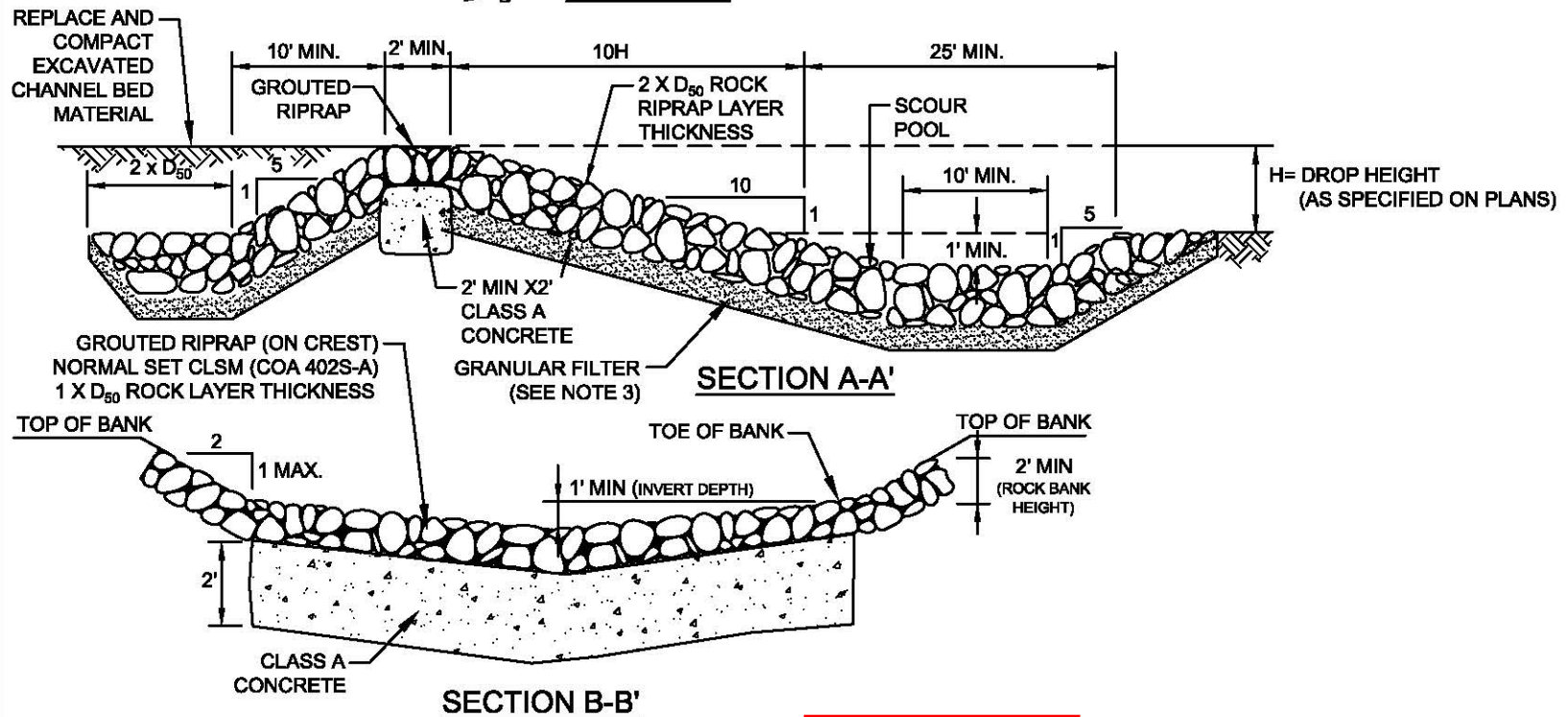
THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE USE
OF THIS STANDARD.

STANDARD NO.
625S-3.B



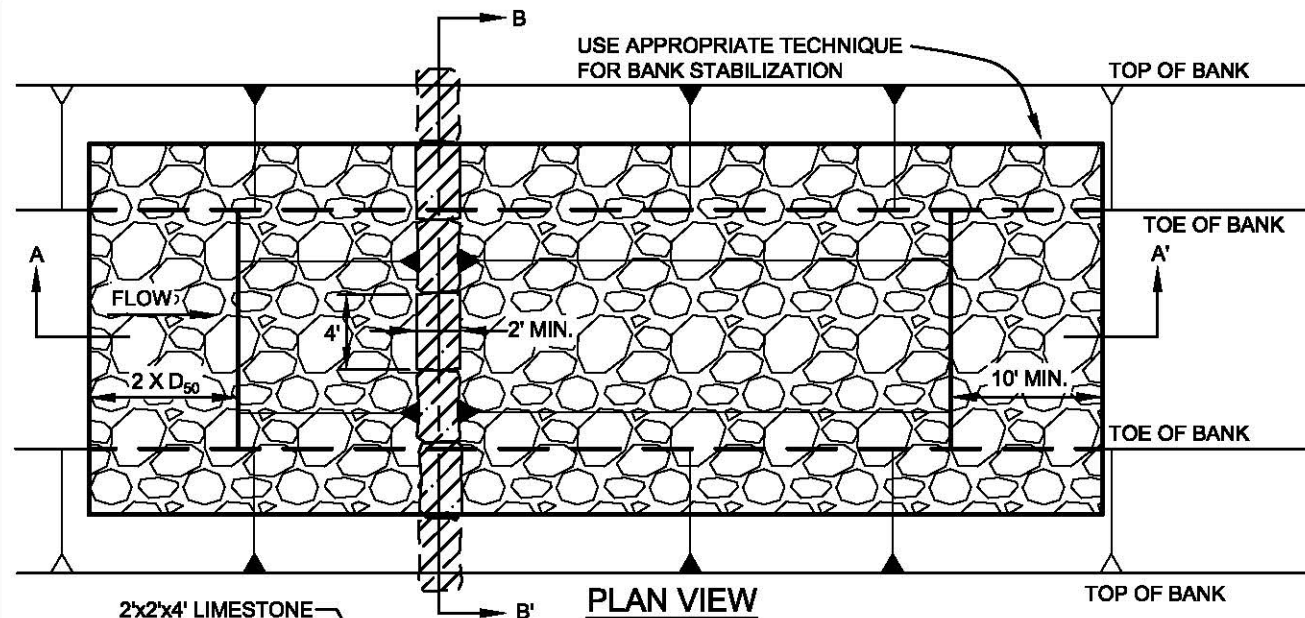
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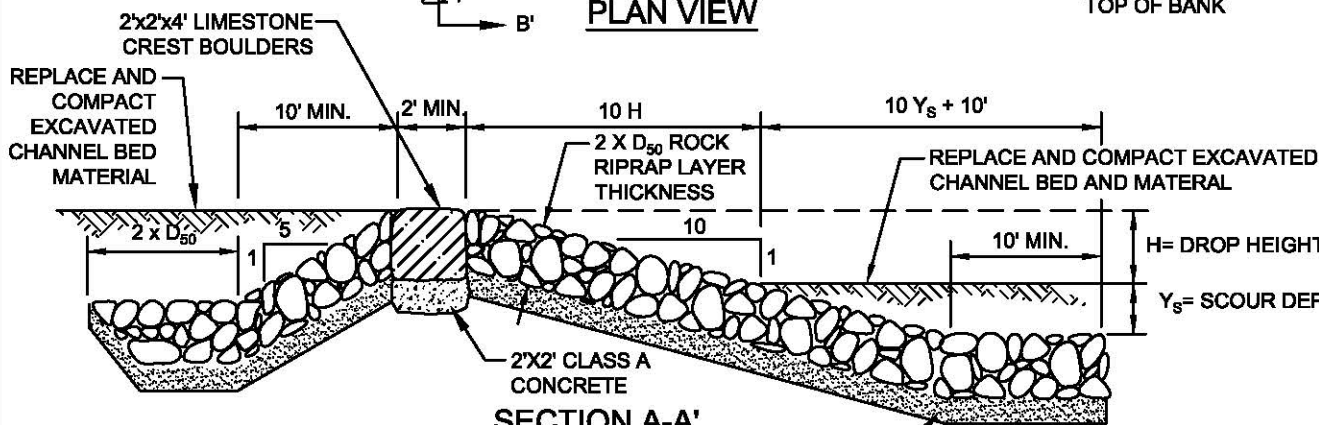


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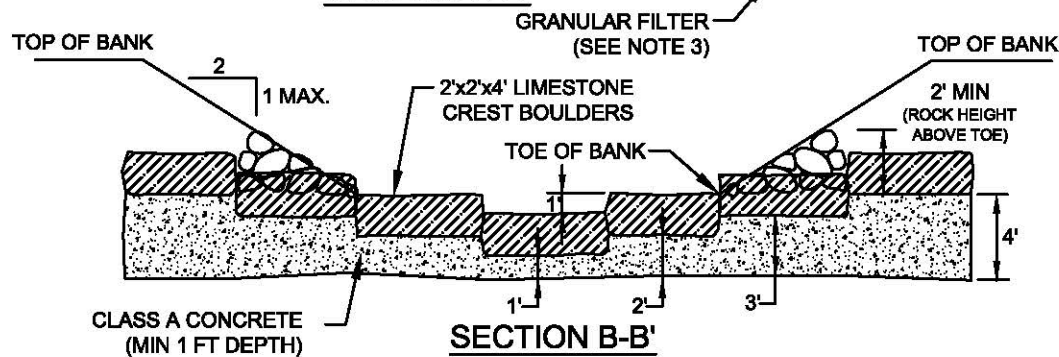
GRADE CONTROL STRUCTURE
ROCK RIFLE WITH BOULDER CREST
AND EMBEDDED TOE



PLAN VIEW



SECTION A-A'



SECTION B-B'

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NOTES (BOULDERS):

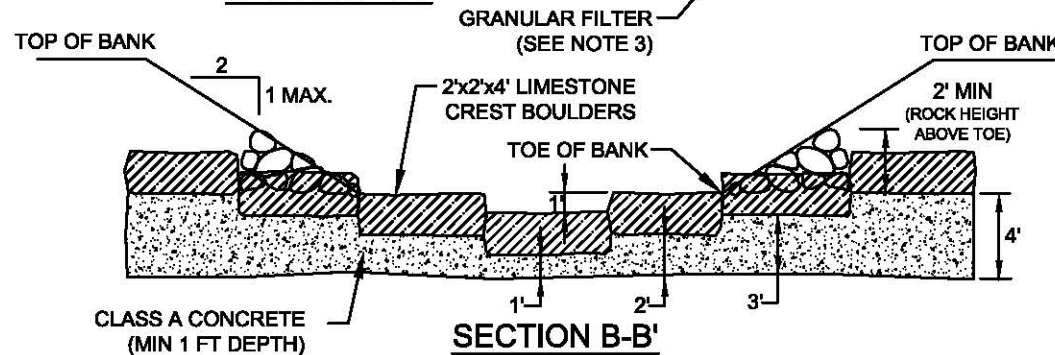
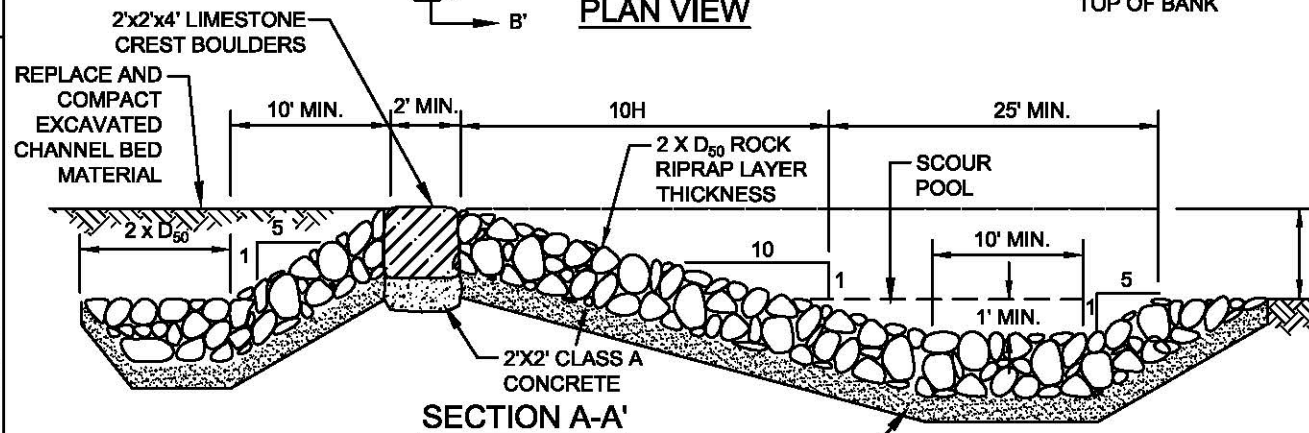
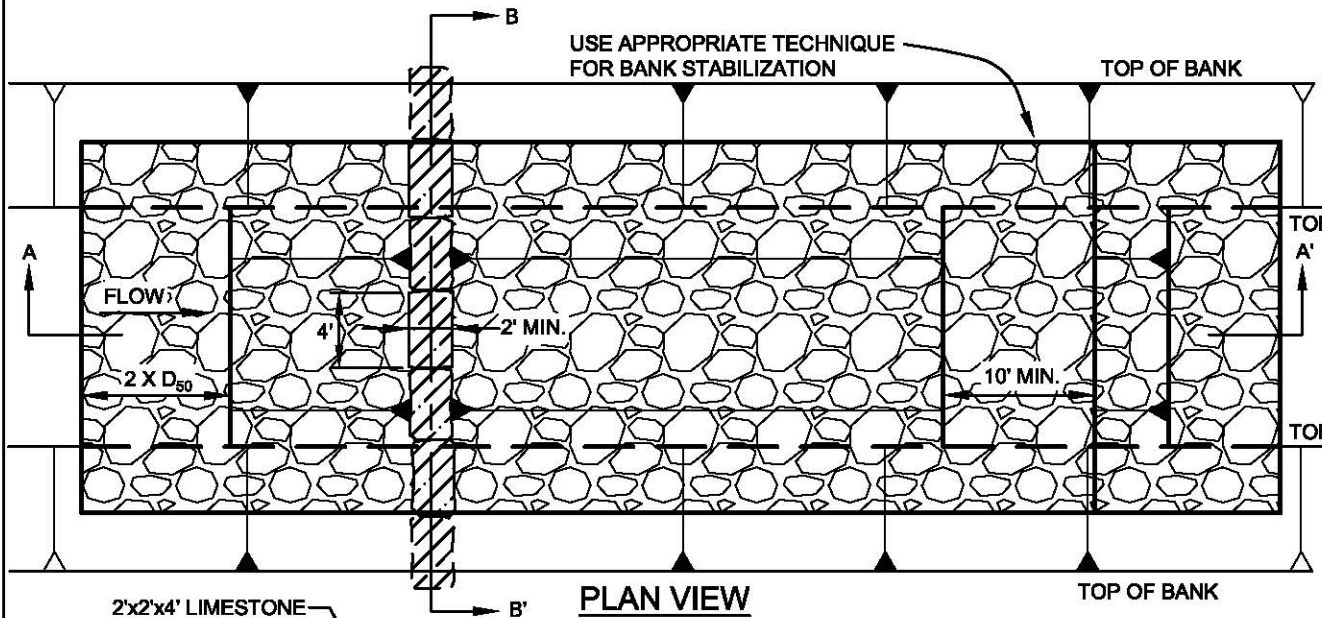
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- BOULDERS SHALL BE COMPRISED OF SOLID ROCK WITHOUT EXCESSIVE FRACTURES OR WEAK LAYERS AND HAVE A MINIMUM SPECIFIC GRAVITY OF 2.3

CITY OF AUSTIN
WATERSHED PROTECTION DEPARTMENT

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE USE
OF THIS STANDARD.

STANDARD NO.
625S-4.B

**GRADE CONTROL STRUCTURE
ROCK RIPPLE WITH BOULDER CREST
AND PREFORMED SCOUR POOL**



NOTES:

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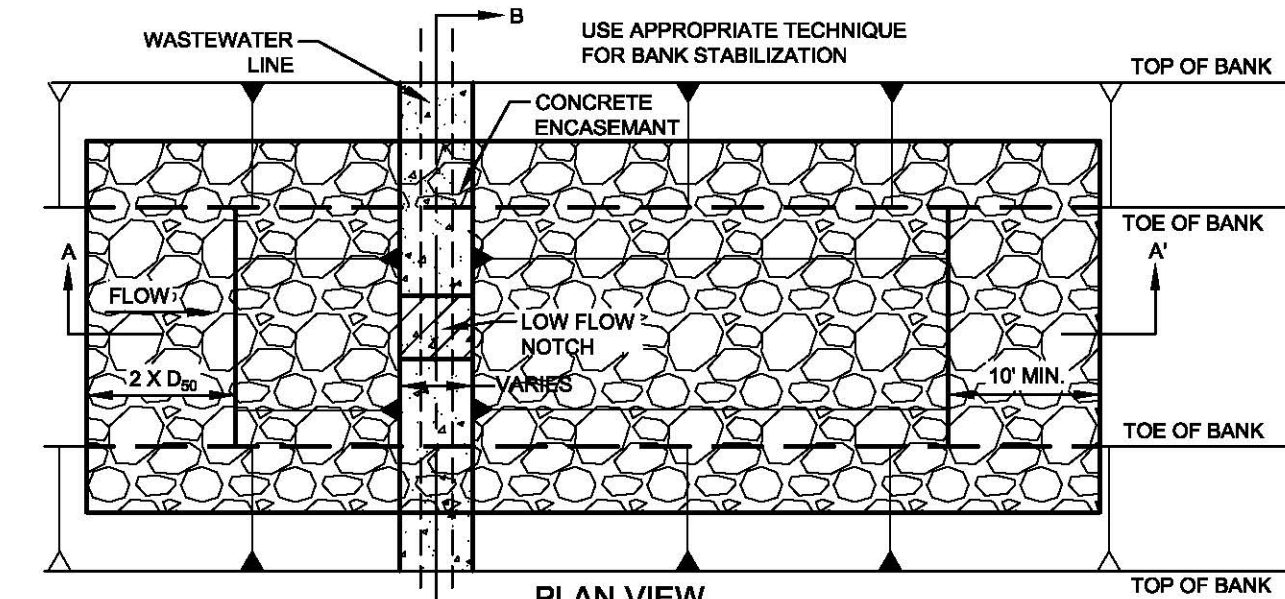
Add new detail

CITY OF AUSTIN
WATERSHED PROTECTION DEPARTMENT

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE USE
OF THIS STANDARD.

STANDARD NO.
625S-5.A

GRADE CONTROL STRUCTURE
ROCK RIFLE AT WASTEWATER CROSSING
WITH EMBEDDED TOE

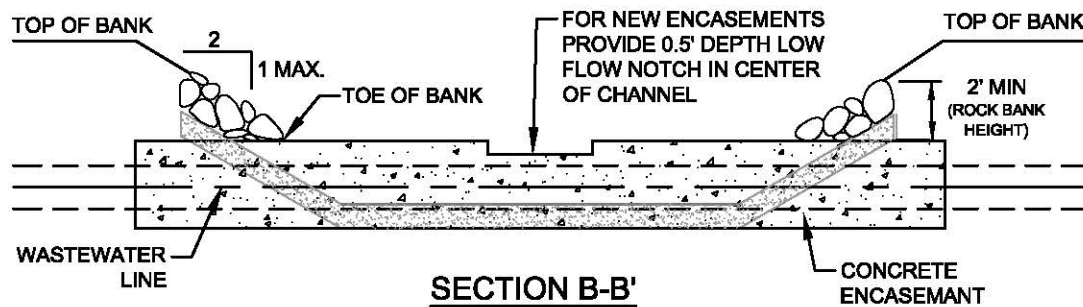
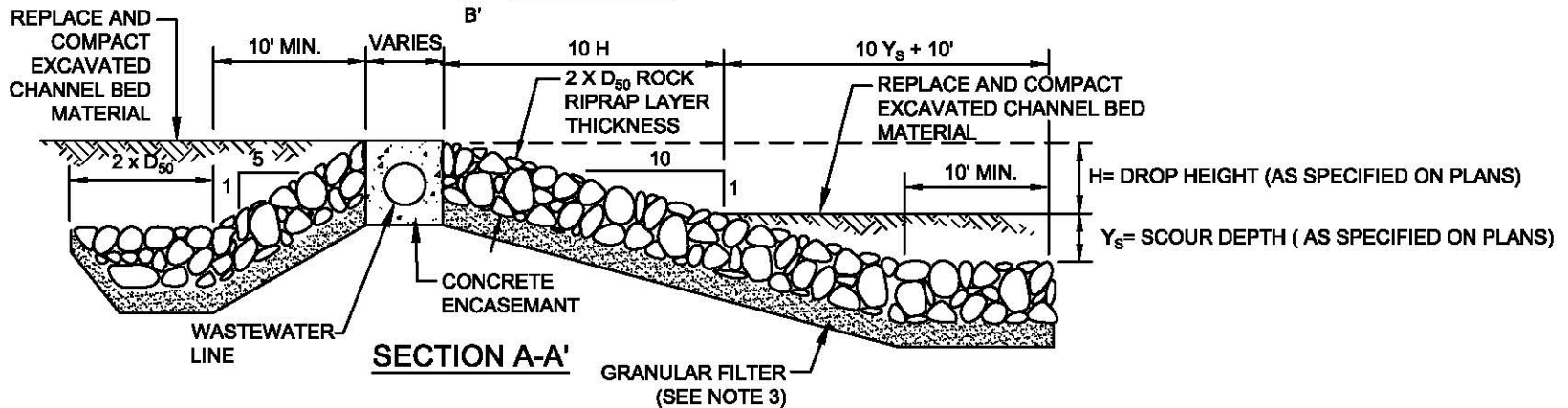


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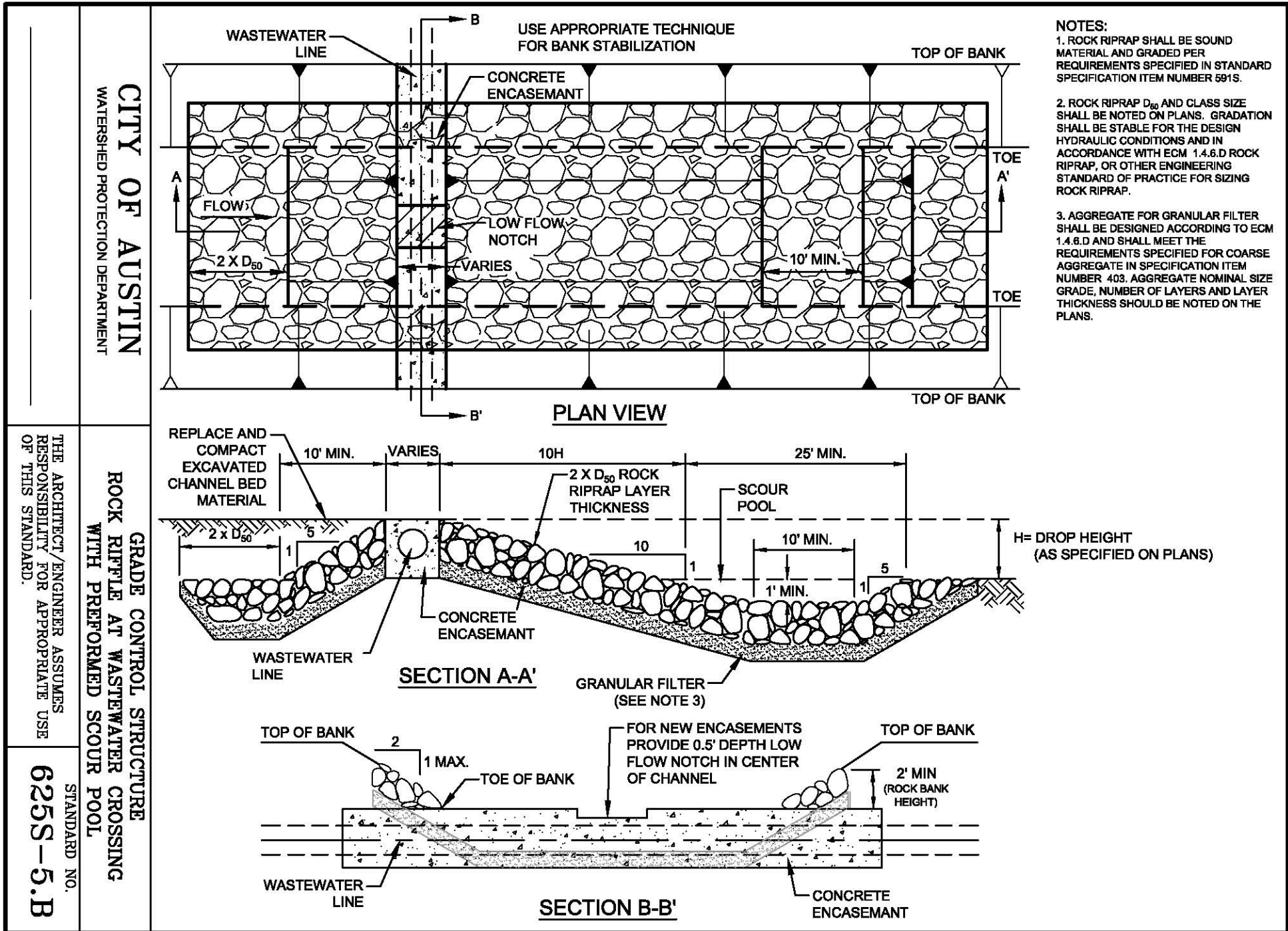
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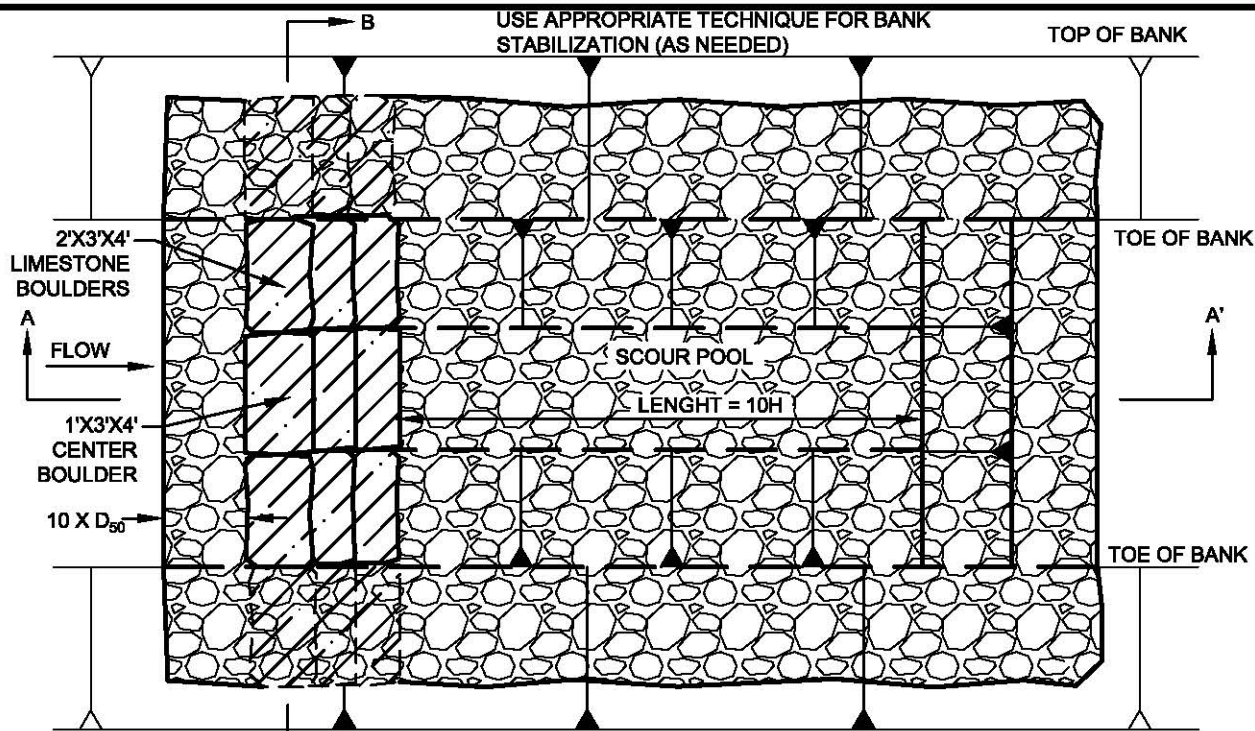
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CITY OF AUSTIN
WATERSHED PROTECTION DEPARTMENT

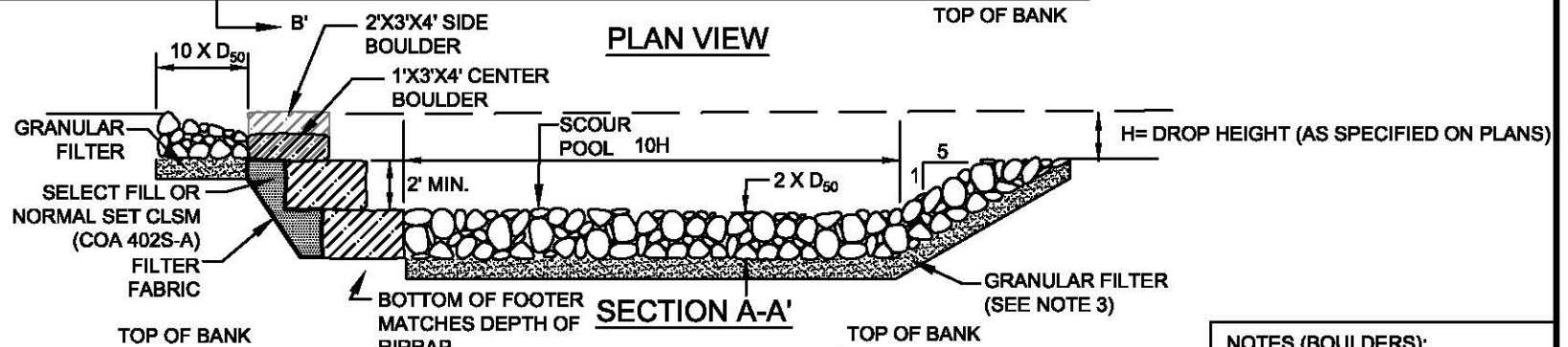
GRADE CONTROL STRUCTURE
STRAIGHT STEPPED ROCK DROP

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE USE
OF THIS STANDARD.

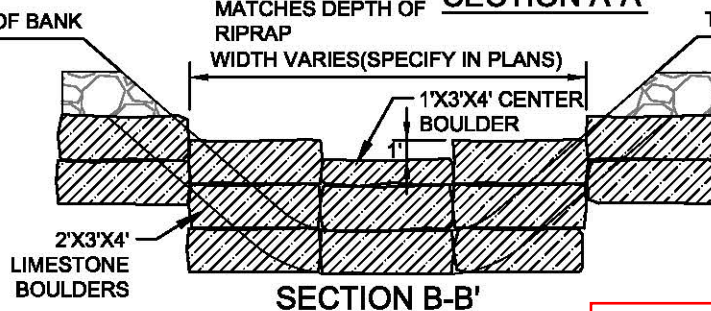
STANDARD NO.
625S-6



PLAN VIEW



SECTION A-A'



SECTION B-B'

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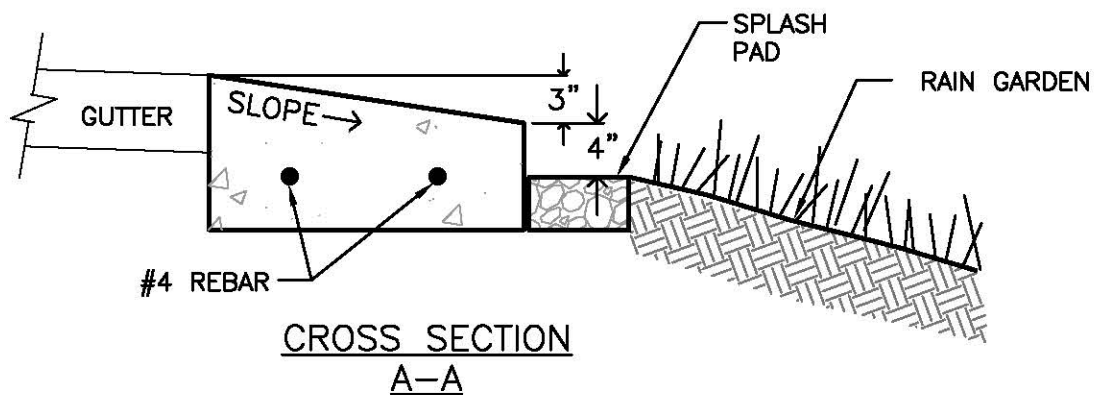
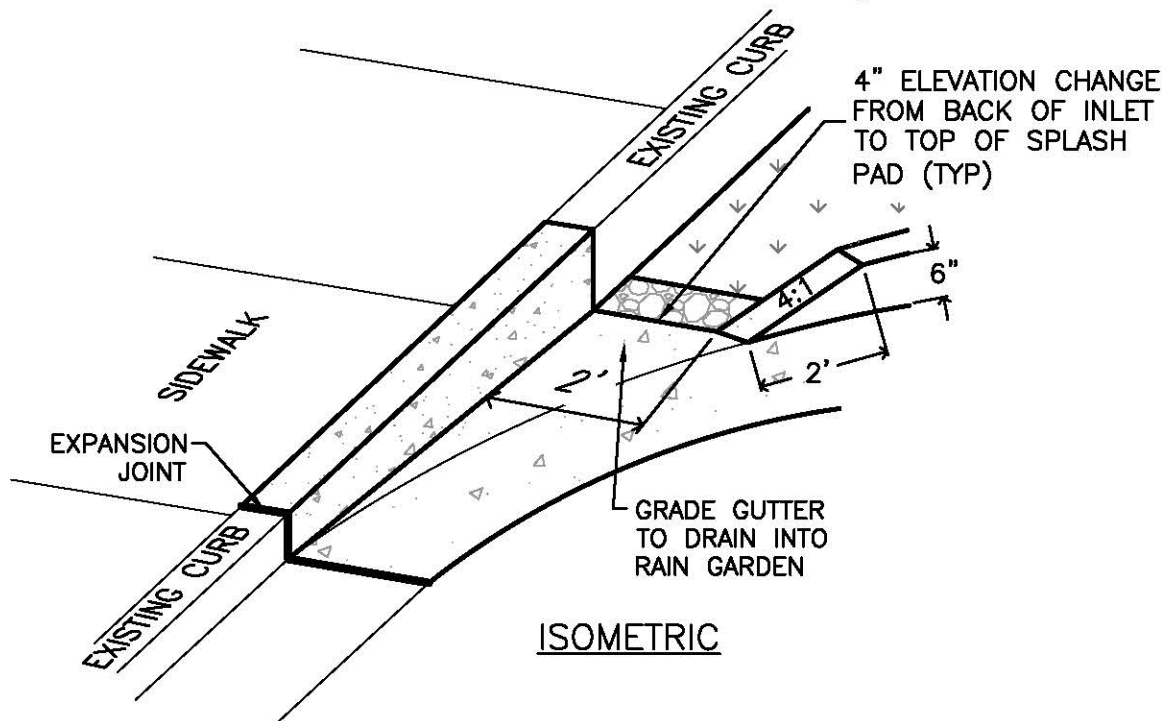
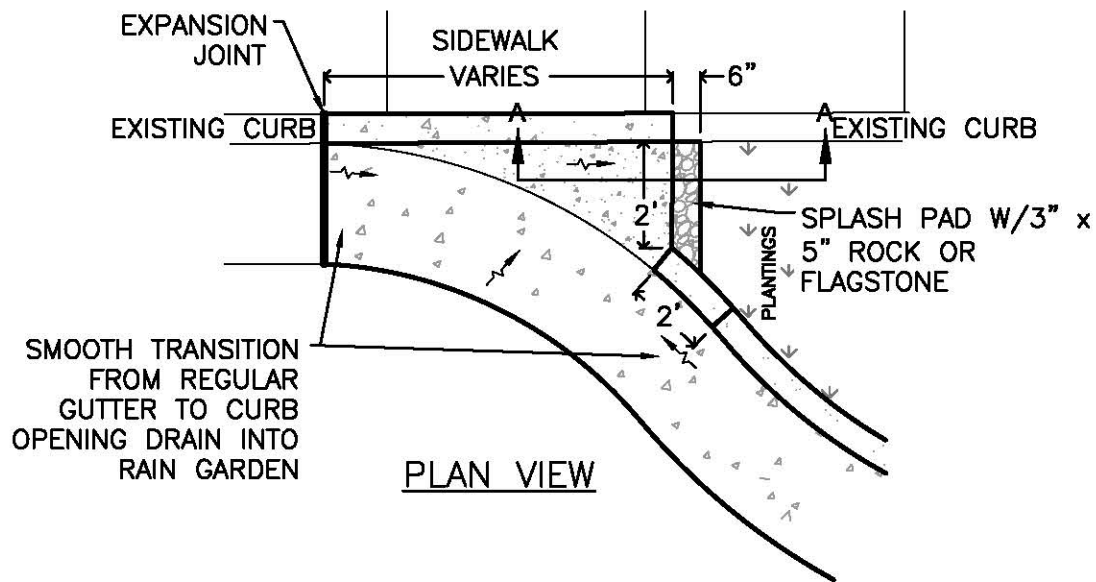
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Add new detail



CITY OF AUSTIN
WATERSHED PROTECTION DEPARTMENT

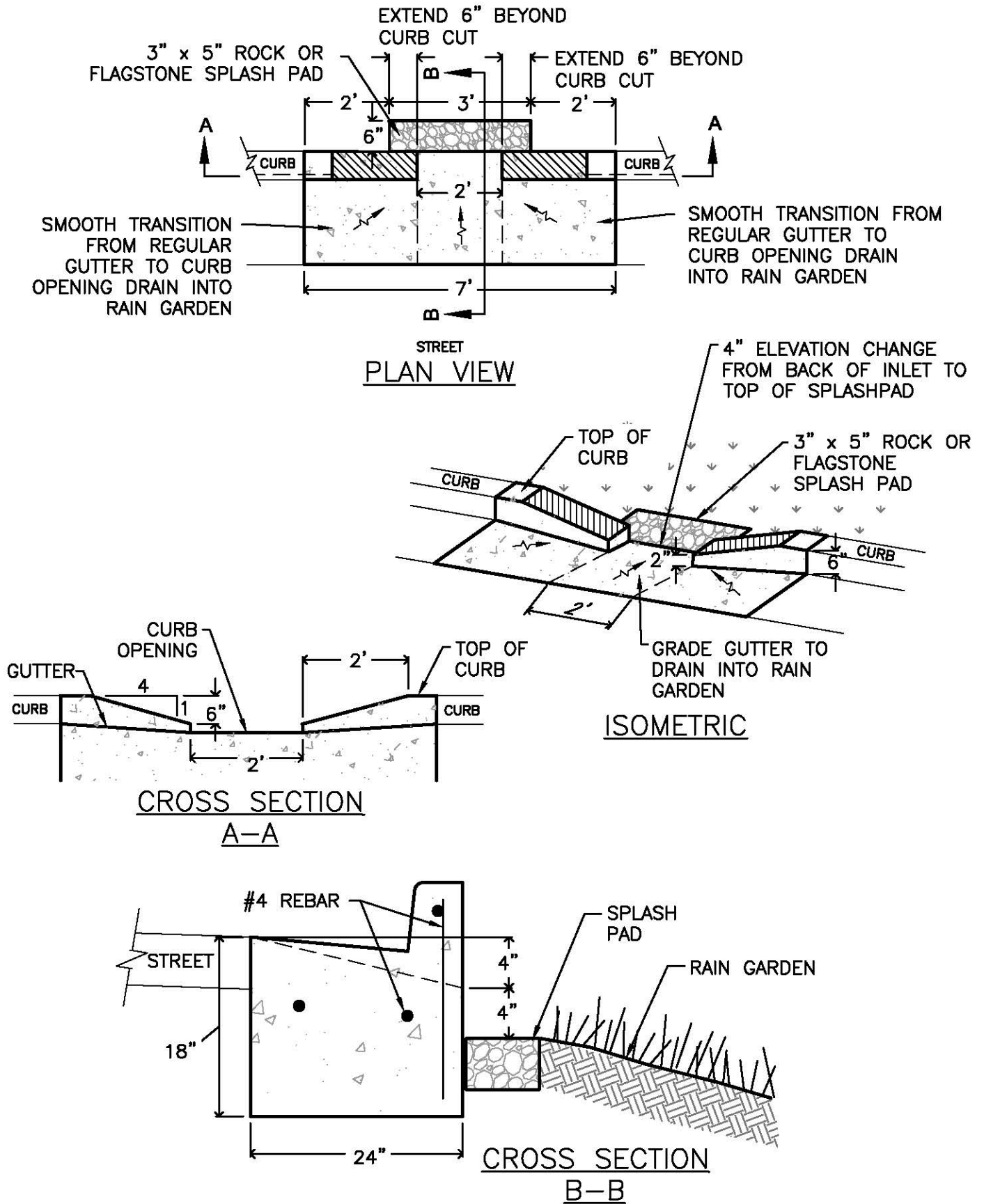
RAIN GARDEN
TYPICAL INLET DETAIL 1

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE USE
OF THIS STANDARD.

STANDARD NO.
SPD 660-3

ADOPTED

Replace existing with this detail



CITY OF AUSTIN
WATERSHED PROTECTION DEPARTMENT

RAIN GARDEN
TYPICAL INLET DETAIL 2

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE USE
OF THIS STANDARD.

STANDARD NO.
SPD 660-4

ADOPTED