MARINA COAST

WATER DISTRICT CODE

CALIFORNIA

2001

A Codification of the General Ordinances of of the Marina Coast Water District, California

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Beginning with Supp. No. 9, Supplemented by Municipal Code Corporation

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Municipal Code Corporation
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800-262-2633 • Fax: 850-575-8852
Municode.com • info@municode.com

PREFACE

The Marina Coast Water District, California Code, originally published by Book Publishing Company, has been kept current by regular supplementation by Municipal Code Corporation, its successor in interest.

During original codification, the ordinances were compiled, edited and indexed by the editorial staff of Book Publishing Company under the direction of Lloyd Lowrey, Jr., attorney.

The code is organized by subject matter under an expandable three-factor decimal numbering system which is designed to facilitate supplementation without disturbing the numbering of existing provisions. Each section number designates, in sequence, the numbers of the Title, chapter, and section. Thus, Section 2.12.040 is Section .040, located in Chapter 2.12 of Title 2. In most instances, sections are numbered by tens (.010, .020, .030, etc.), leaving nine vacant positions between original sections to accommodate future provisions. Similarly, chapters and titles are numbered to provide for internal expansion.

In parentheses following each section is a legislative history identifying the specific sources for the provisions of that section. This legislative history is complemented by an ordinance disposition table, following the text of the code, listing by number all ordinances, their subjects, and where they appear in the codification; and beginning with Supplement No. 9, legislation can be tracked using the "Code Comparative Table and Disposition List."

A subject-matter index, with complete cross-referencing, locates specific code provisions by individual section numbers.

This supplement brings the Code up to date through Ordinance 54, passed June 14, 2011.

Municipal Code Corporation
1700 Capital Circle SW
Tallahassee, FL 32310
800-262-2633

5.16.110 Installation and jointing of building sewers.

Jointing methods shall be: approved Caulder type or bell-and-spigot connections for vitrified clay pipe; rubber ring connections for asbestos cement pipe; band seal connection with stainless steel clamps for cast iron pipe. (Amended during 3-02 supplement: Ord. 2 § 611, 1967)

5.16.120 Cleanouts.

Cleanouts shall be installed in every building sewer at the plumbing system connection, usually two feet from the foundation, at bends of forty-five degrees or larger, and at the connection to the lateral sewer, usually at the property line. In no case shall the distance between cleanouts measured along the pipeline be greater than one hundred feet. The cleanouts shall be constructed of the same material and size as the building sewer as shown in Standard Detail S-106. (Amended during 3-02 supplement: Ord. 2 § 612, 1967)

5.16.130 Building sewer testing.

A wet test will be required of the building sewer from the connection at the street lateral to the connection with the building plumbing system. The building sewer shall be plugged at its connection with the street lateral and completely filled with water from its lowest point to finished grade at its highest point. The building sewer shall be water-tight at all points and no leakage will be allowed. The district shall be notified at least twenty-four hours before the work is to be tested and inspected. No building sewer shall be covered or put into use until it has been tested and approved as prescribed herein. The contractor shall supply all equipment and materials to complete the test. (Amended during 3-02 supplement: Ord. 2 § 613, 1967)

5.16.140 Abandoned sewage disposal facilities.

A. Every abandoned building (house) sewer or part thereof, shall be plugged or capped in an approved manner within five feet of the property line.

B. Every cesspool, septic tank or seepage pit which has been abandoned or has been discontinued otherwise from future use shall have the sewage removed therefrom, a hole made in the bottom slab, and be completely filled with sand or other approved material.

C. The top cover or arch over the cesspool or septic tank or seepage pit shall be removed and filled in accordance with Section 1119(c) of the Uniform Plumbing Code. (Amended during 3-02 supplement: Ord. 2 § 614, 1967)

5.16.150 Backwater protection.

Devices to prevent reverse sewage flows from entering any building shall be installed in accordance with Standard Detail S-111. (Amended during 3-02 supplement: Ord. 2 § 615, 1967)

5.16.160 Permit required.

In accordance with Chapter 5.24 of this code, no person shall construct, extend or connect to any public sewer without first obtaining a written permit from the district and paying all fees and connection charges and furnishing bonds as required therein. The provisions of this section requiring permits shall not be construed to apply to contractors constructing sewers and appurtenances under contracts awarded and entered into by the

Chapter 7.04

UNIFORM PLUMBING CODE ADOPTED

Sections:

7.04.010 Uniform plumbing code adopted.

All that certain plumbing code, entitled California Plumbing Code, consisting of the latest edition of the Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials, as modified and approved by the California Building Standards Commission for inclusion in Title 24 of the California Code of Regulations, is adopted as the Uniform Plumbing Code of Marina Coast Water District. (Amended during 3-02 supplement: Ord. 2 § 501, 1967)

7.04.020 Administrative authority.

Wherever the term "administrative authority" is used in the Uniform Plumbing Code, it shall be construed to mean only those persons duly authorized by the district board to administer the code as follows:

A. Administration of the code and enforcement of regulations thereof shall be under the direction of the general manager.

B. The interpretation of technical provisions of the ordinance codified in this section, review of plans and specifications required hereby, determination of the suitability of alternate materials and types of construction and the development of rules and regulations covering unusual conditions not inconsistent with the requirements of said ordinance shall be made by the district engineer. (Amended during 3-02 supplement: Ord. 2 § 502, 1967)

PROCEDURES GUIDELINES
AND
DESIGN REQUIREMENTS

Revised: November 2007

Marina Coast Water District
11 Reservation Road
Marina, CA 92933
(831) 384-6131

4. When required by the District Engineer.

500.5.5 Manhole Covers

Cast-iron covers and frames shall be provided in accordance with District Standard Specification Section 03461 and Standard Plan S-3.

At the completion of final paving, the manholes shall be raised to final grade by using the necessary sized grade rings.

500.5.6 Access to Manholes

All sewer manholes shall be designed and constructed with a direct access to them. Manhole steps shall not be installed. Unpaved access may be allowed as determined by the District Engineer

500.6 CLEAN-OUTS

Use of clean-outs (as shown in District Standard Plan S-6) on service laterals and sewer mainlines shall be required in the following instances unless otherwise approved by the District Engineer.

1. At the point of connection to the building drain.

2. At any single turn greater than forty-five degrees.

3. At intervals not to exceed one hundred (100) feet along the side sewer system.

4. Short sections of sewer main, less than 250-feet that will be extended.

5. All commercial and industrial sewer lateral installations at the property line.

6. Between manholes, if there is a reverse curve in the sewer main, to facilitate cleaning of the main line.

7. Special instances such as on a sewer lateral to a single family residential lot where the dwelling unit is set back more than 100-feet from the property line, where there is a large slope up to the building pad from the property line and a grade change in the lateral is necessary, or where the sewer lateral enters the rear of the lot from a public right-of-way.

8. On a lateral where the overflow level of the lowest wastewater fixture in the building is below the rim elevation of the uphill sewer manhole on the main line. In this situation the rim elevation of the clean-out installed at the property line shall be at least 6-inches below the overflow elevation of the lowest wastewater fixture on the lateral. A backflow prevention device is required on the lateral per Section 4.11 of the District's Code.

500.7 HOUSE LATERALS AND MINIMUM DEPTH AT CURB

All sewer laterals shall be located by the applicant and shown (with stationing) on the improvement plans.

House connections shall be constructed to the property line. There shall be one house sewer lateral constructed for each individually owned dwelling unit and it shall have a minimum diameter of 4 inches.

Four-inch sewer house connections shall be laid to the grade as established by the applicant so that the 4-inch house connection will have a minimum cover of 3 feet from the top of the curb to the top of the pipe per Standard Plan S-7. The sewer laterals from the main to the building, and inside the buildings are governed by the Uniform Plumbing Code and enforced by the local building authority.

500.8 TOWNHOUSES AND CONDOMINIUM LATERALS

For buildings containing two to four units, either one 4-inch diameter lateral to each unit or one 6-inch or larger diameter lateral to the building shall be used. For buildings containing more than four units, either one 4-inch diameter lateral to each unit or one 8-inch or larger diameter lateral to the building shall be used. A lateral shall serve only one building regardless of number of units per building.

500.9 BACKWATER PREVENTION

Backwater prevention devices are required on sewer laterals connecting to all buildings. Variances may be considered by the District Engineer on a case by case basis. Exceptions cannot be granted for laterals to buildings where the building ground floor elevation is below the rim elevation of the uphill sewer manhole on the main line.

500.10 INDUSTRIAL PRETREATMENT

Requirements for industrial pretreatment of sewage will be determined by the Monterey Regional Water Pollution Control Agency (MRWPCA). Design requirements will be dependent upon those industrial pretreatment requirements.

500.11 GREASE INTERCEPTORS

All restaurants and other facilities which discharge grease into the District's sewers shall be required to use grease traps or grease interceptors to minimize grease problems in collection systems and treatment plants. The minimum interceptor size shall be 750 gallons. All interceptors shall be equipped with automatic draw-off devices for easier removal of accumulated grease. Small kitchens may install grease traps instead of interceptors, with the approval of the District Engineer. Comply with Appendix 15 and the Uniform Plumbing Code for sizing.

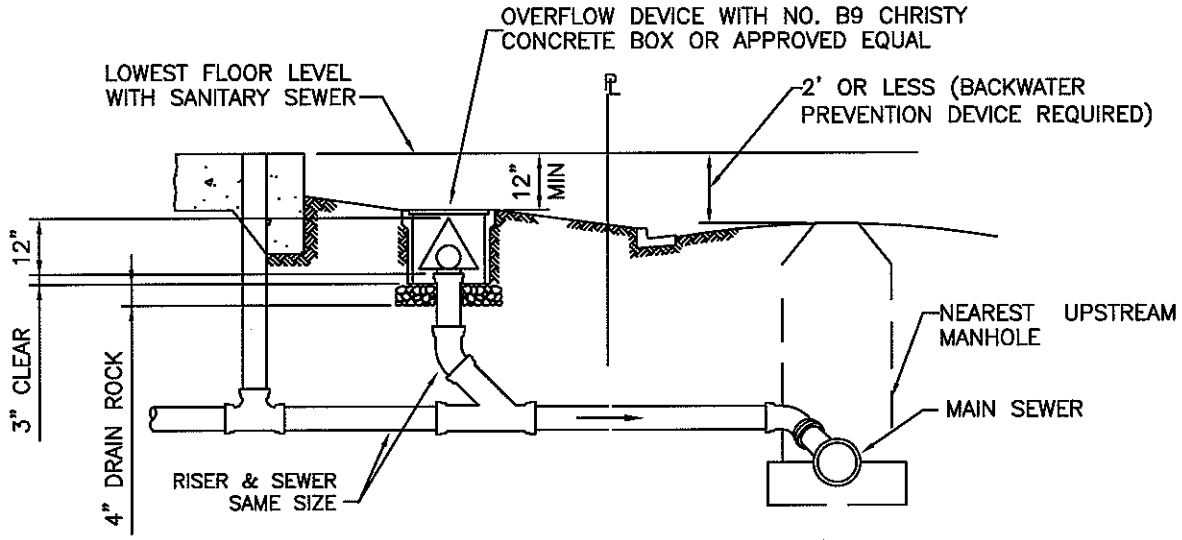
It will be the responsibility of the owner of each facility to maintain proper operating order of the interceptor unit and to remove accumulated grease at suitable intervals to avoid excessive buildup in the unit. The Marina Coast Water District approves the location and design of the interceptor unit.

500.12 STANDARD SEWER NOTES

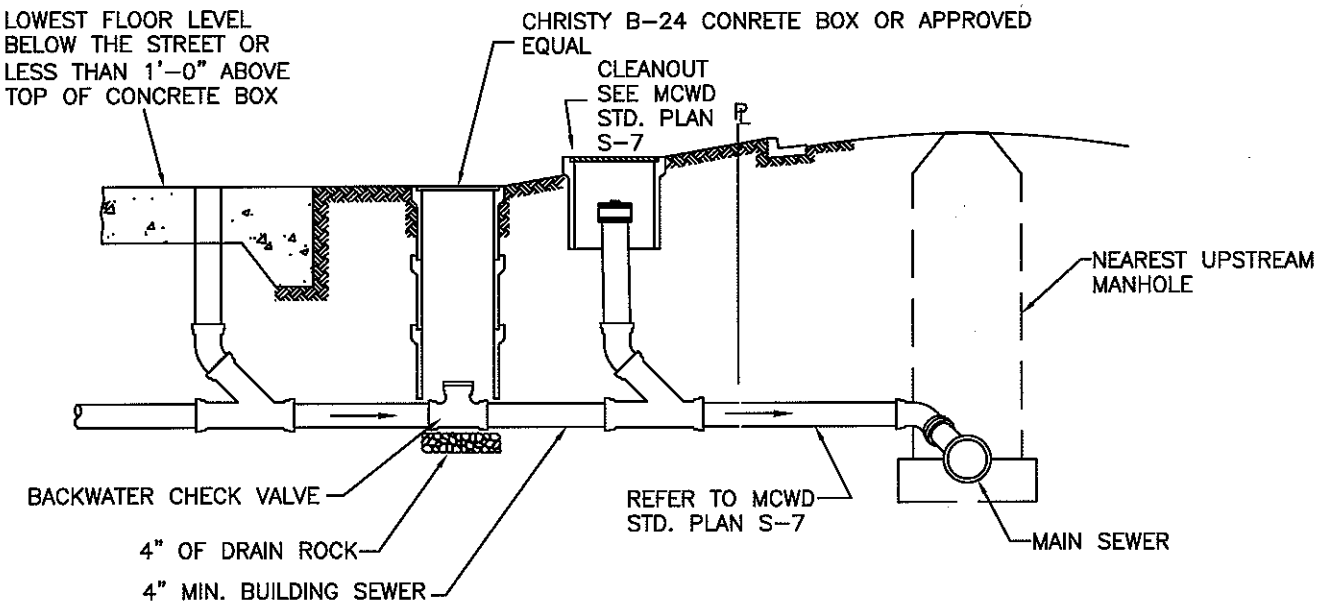
Standard sewer notes to be included on all sewer system construction plans shall be as follows:

1. The sewer system as shown on these plans shall be constructed in accordance with the standard plans and specifications of the Marina Coast Water District. Contractor shall keep a copy of the standard specifications and drawings on the jobsite at all times.

2. The Marina Coast Water District shall be notified at least 48 hours prior to commencing work on the



TYPICAL CLEANOUT AND OVERFLOW DEVICE



BACKWATER VALVE

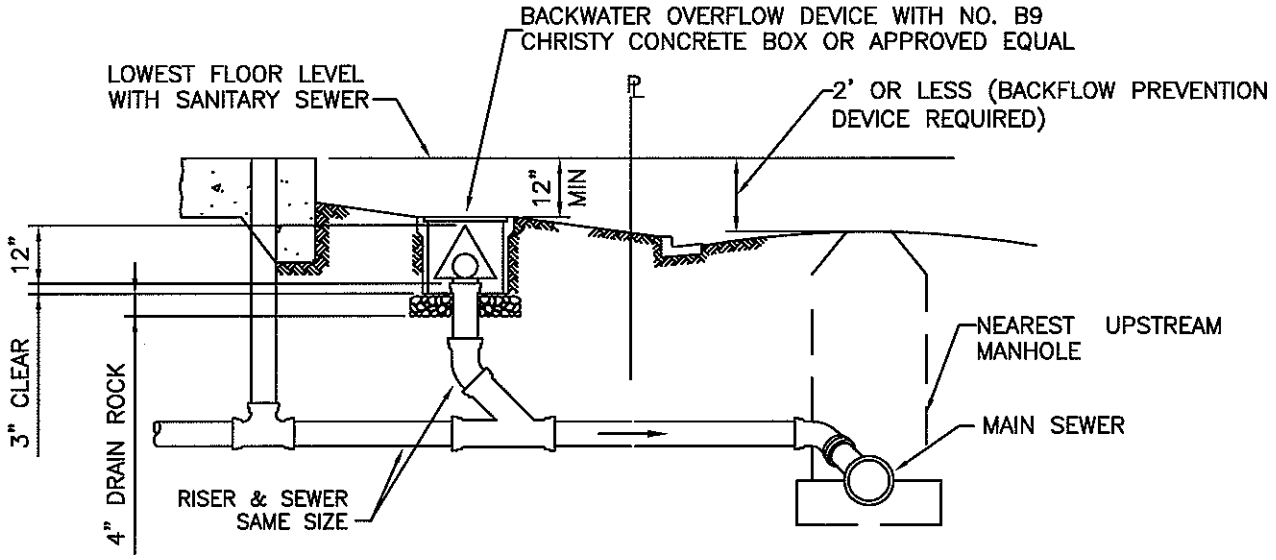
NOTES:

1- EVERY BUILDING SEWER SHALL HAVE AN OVERFLOW DEVICE AND/OR BACKWATER VALVE INSTALLED IN THE SEWER LATERAL SERVING THE BUILDING. COMBINATION BACKWATER VALVE/CLEAN-OUT IS ALLOWED.

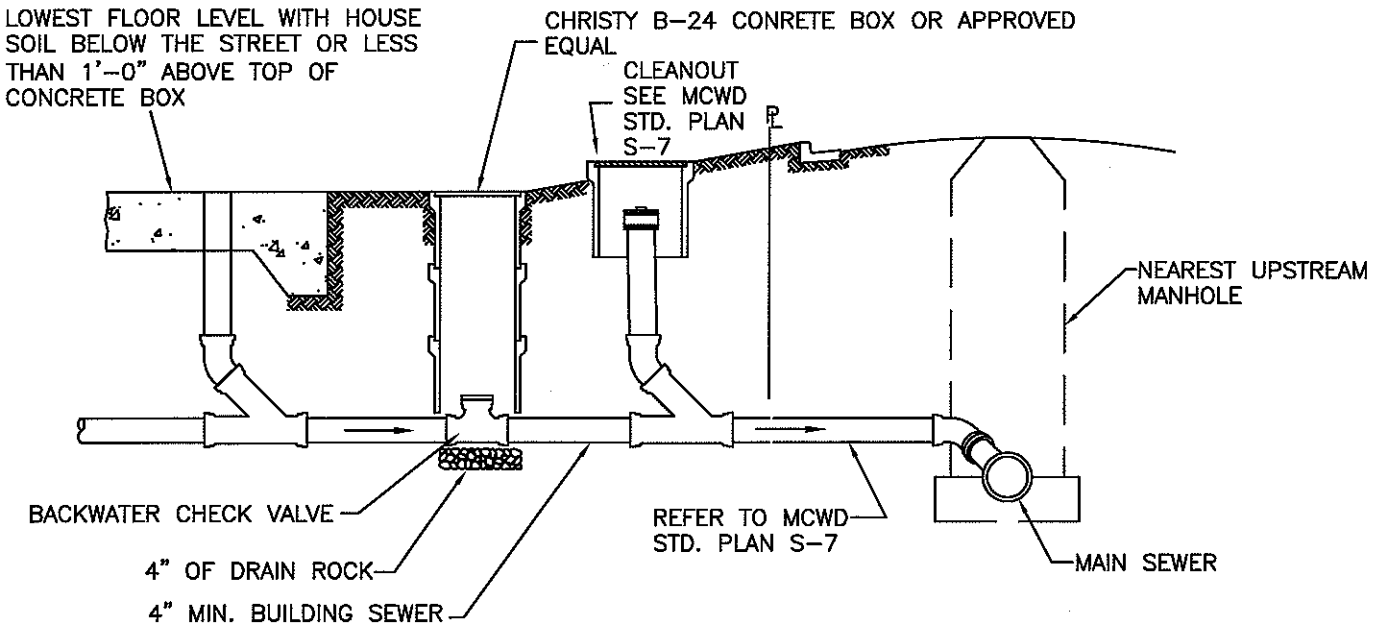
2- OVERFLOW DEVICES SHALL BE INSTALLED ON ALL LATERALS; HOWEVER BACKWATER VALVES SHALL BE INSTALLED (A) WHEN BACKWATER PROTECTION IS REQUIRED, (B) WHEN THE LOWEST FLOOR LEVEL IS BELOW THE STREET OR LESS THAN 1 FOOT ABOVE THE TOP OF THE CONCRETE BOX CONTAINING THE OVERFLOW DEVICE, OR (C) SEWAGE CANNOT BE ALLOWED TO OVERFLOW ON THE SURROUNDING AREA.

3- AN OVERFLOW DEVICE OR A BACKWATER VALVE MAY BE WAIVED WHEN WHEN THE LOWEST FLOOR LEVEL TO BE SEWERED IS MORE THAN 2 FEET ABOVE THE RIM OF THE NEAREST UPSTREAM MANHOLE AND IN THE OPINION OF THE DISTRICT SUCH INSTALLATION IS UNNECESSARY FOR PROTECTION OR FOR HEALTH AND SAFETY REQUIREMENTS.

APPROVED BY DISTRICT ENGINEER	MARINA COAST WATER DISTRICT STANDARD PLAN	STANDARD
DATE 11/2007	BACKWATER PROTECTION	S-13
		SHEET 1 OF 1



TYPICAL CLEANOUT AND OVERFLOW DEVICE



BACK WATER VALVE

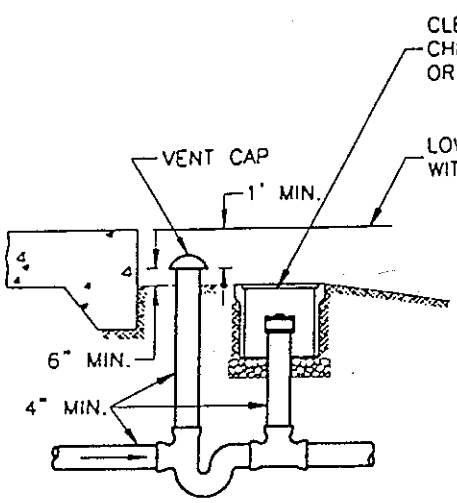
NOTES:

1- EVERY BUILDING SEWER SHALL HAVE AN OVERFLOW DEVICE AND/OR BACKWATER VALVE INSTALLED IN THE SEWER LATERAL SERVING THAT INDIVIDUAL BUILDING EXCEPT WHEN THE LOWEST FLOOR LEVEL TO BE SEWERED IS MORE THAN 2 FEET ABOVE THE RIM OF THE NEAREST UPSTREAM MANHOLE.

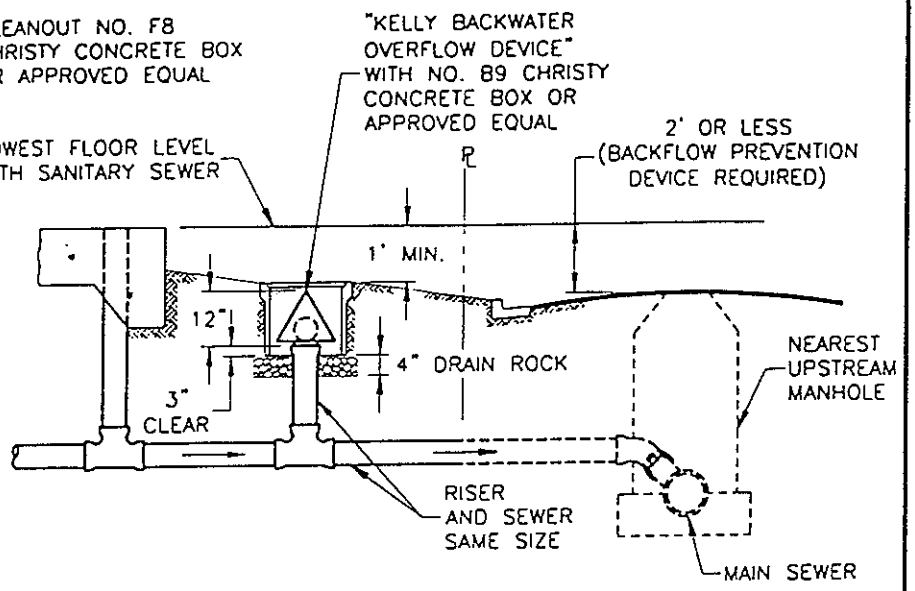
2- OVERFLOW DEVICES SHALL BE INSTALLED ON ALL LATERALS; HOWEVER BACKWATER VALVES SHALL BE INSTALLED WHERE BACKFLOW PROTECTION IS REQUIRED, AND EITHER (A) TOPOGRAPHY PREVENTS THE USE OF THE OVERFLOW DEVICE, THAT IS THE 1 FOOT MINIMUM DIFFERENTIAL BETWEEN THE LOWEST FLOOR LEVEL TO BE SEWERED AND THE TOP OF THE CONCRETE BOX CONTAINING THE OVERFLOW DEVICE IS NOT AVAILABLE OR, (B) SEWAGE CANNOT BE ALLOWED TO OVERFLOW ON THE SURROUNDING AREA.

3- AN OVERFLOW DEVICE OR A BACKWATER VALVE MAY BE WAIVED WHEN, IN THE OPINION OF THE DISTRICT, SUCH INSTALLATION IS UNNECESSARY FOR PROTECTION OR FOR HEALTH AND SAFETY REQUIREMENTS.

APPROVED BY DISTRICT ENGINEER		MARINA COAST WATER DISTRICT STANDARD PLAN	STANDARD
DATE 04/2005		BACKWATER PROTECTION	S-13
			SHEET 1 OF 1



ALTERNATE
OVERFLOW DEVICE



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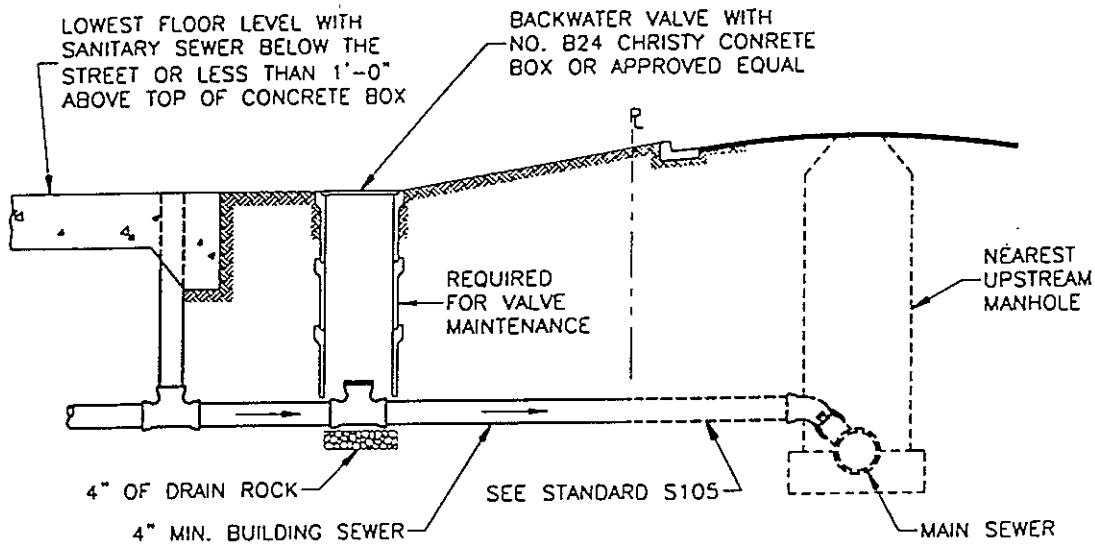


BACK WATER VALVE

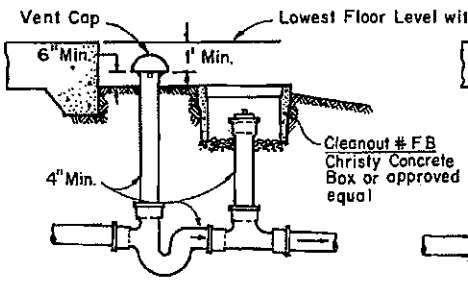
NOTES:

1- EVERY BUILDING SEWER SHALL HAVE AN OVERFLOW DEVICE OR BACKWATER VALVE INSTALLED IN THE SEWER LATERAL SERVING THAT INDIVIDUAL BUILDING EXCEPT WHEN THE LOWEST FLOOR LEVEL TO BE SEWERED IS MORE THAN 2 FEET ABOVE THE RIM OF THE NEAREST UPSTREAM MANHOLE.

2- OVERFLOW DEVICES WILL NORMALLY BE INSTALLED; HOWEVER BACKWATER VALVES SHALL BE INSTALLED WHERE BACKFLOW PROTECTION IS REQUIRED, AND EITHER (A) TOPOGRAPHY PREVENTS THE USE OF THE OVERFLOW DEVICE, THAT IS THE 1 FOOT MINIMUM DIFFERENTIAL BETWEEN THE LOWEST FLOOR LEVEL TO BE SEWERED AND THE TOP OF THE CONCRETE BOX CONTAINING THE OVERFLOW DEVICE IS NOT AVAILABLE OR, (B) SEWAGE CANNOT BE ALLOWED TO OVERFLOW ON THE SURROUNDING AREA.

3- AN OVERFLOW DEVICE OR A BACKWATER VALVE MAY BE WAIVED WHEN, IN THE OPINION OF THE DISTRICT, SUCH INSTALLATION IS UNNECESSARY FOR PROTECTION OR FOR HEALTH AND SAFETY REQUIREMENTS.

APPROVED BY PROPOSED	BACKWATER PROTECTION	MARINA COAST WATER DISTRICT	STANDARD S-107
DATE 9/96			REVISED



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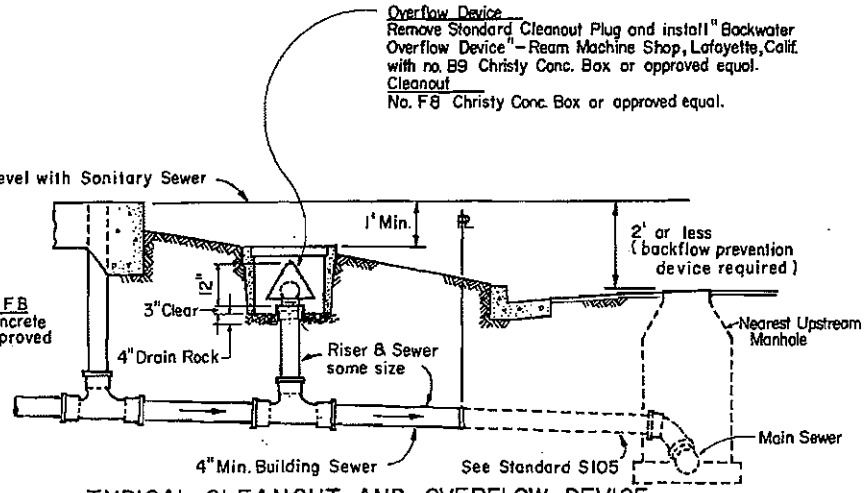

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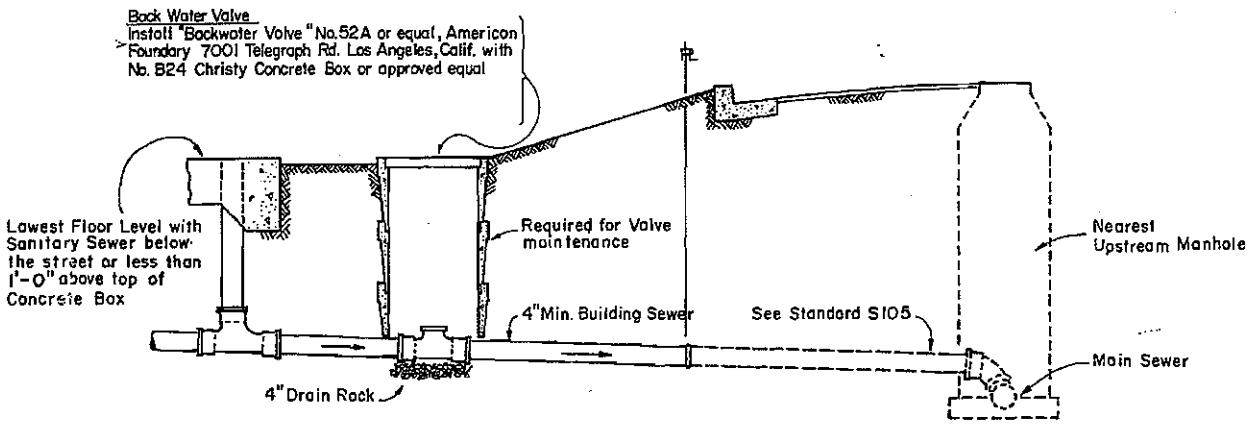

BACK WATER VALVE

GENERAL NOTES

1. Every building sewer shall have an overflow device or backwater valve installed in the sewer lateral serving that individual building except when the lowest floor level to be sewered is more than two feet (2') above the rim of the nearest upstream manhole.

2. Overflow devices will normally be installed; However backwater valves shall be installed where backflow protection is required, and either (a) Topography prevents the use of the overflow device, that is the one foot (1') minimum differential between the lowest floor level to be sewered and the top of the concrete box containing the overflow device is not available or, (b) Sewage cannot be allowed to overflow on the surrounding area.

3. An overflow device or a backwater valve may be waived when, in the opinion of the district, such installation is unnecessary for protection of for health and safety requirements.

Approved Louis K. Hamm — District Engineer, R.C.E. No. 12641

Approved Maynard Dibble — District

Date 2/20/70

MARINA COUNTY WATER DISTRICT

MARINA, CALIFORNIA.

BACKWATER PROTECTION

STANDARD

S III