



Southeast Morris County Municipal Utilities Authority

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METER HOUSING

GENERAL

The Southeast Morris County Municipal Utilities Authority (referred to herein as the “Authority”) is subject to the standard terms and conditions set forth by the Authority’s Rules and Regulations, pursuant to N.J.S.A. 40:14B.

As a public water supply, the Authority is required to protect and provide safe drinking water to consumers in accordance with the N.J.A.C. 7:10 Safe Drinking Water Act Rules.

The Authority is committed to providing an efficient process for developers to achieve their project goals in accordance with the Authority’s Rules and Regulations.

Developers interested in conducting business with the Authority shall comply with the standard terms and conditions mandated by the Authority’s Rules and Regulations.

Developer shall mean applicant responsible for application, fees and contract agreement with the Authority.

REFERENCE

ANSI/AWWA	American National Standards Institute/American Water Works Standards
C104/A21.4-13	Cement-Mortar Lining for Ductile-Iron Pipe and Fittings
C110/A21.10-12	Ductile-Iron and Gray-Iron Fittings
C111/A21.11-12	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings
C151/A21.51-09	Ductile-Iron Pipe, Centrifugally Cast
C502-05	Dry-Barrel Fire Hydrants
C509-09	Resilient-Seated Gate Valves for Water Supply Service
C511-07	Reduced-Pressure Principle Backflow Prevention Assembly
C651-05	Disinfecting Water Mains
C700-09	Cold-Water Meters – Displacement Type, Bronze Main Case
C702-10	Cold-Water Meters – Compound Type
C703-11	Cold-Water Meters – Fire-Service Type
ASTM	American Society for Testing and Materials
ASTM B88	Standard Specification for Seamless Copper Water Tube
N.J.S.A. 40:14B	New Jersey Statutes – Title 40 Municipal and County Utilities Authorities Law
N.J.A.C. 7:10	New Jersey Administrative Code – Title 7 Safe Drinking Water Act Rules
NSF	National Sanitation Foundation International Standard
NSF/ANSI 61	Drinking Water System Components – Health Effects
Rules and Regulations	The Southeast Morris County Municipal Utilities Authority’s Rules and Regulations

REQUIREMENTS

1. Developers shall verify that all submittals conform to local, county and state ordinances.
2. Road opening permits on local and county roads shall be obtained by the developer. State road opening permits shall be obtained by the Authority at the developer's expense.
3. All excavation and backfill shall be the responsibility of the developer.
4. Only authorized personnel of the Authority will be permitted to make connections to the water mains of the Authority, access and operate curb stops, hydrants and valves as mandated by the Rules and Regulations.
5. All proposed materials shall be submitted for approval. Failure to submit information shall cause the Authority to reject work and deny water service.
6. All materials submitted for approval shall be of first-class high-grade quality, clean and sound and conform to the latest revisions of ANSI/AWWA Standards. No inferior or low-grade materials will be approved or accepted.
7. All materials shall be approved for NSF/ANSI 61 for potable drinking water.
8. All materials shall be manufactured in the United States of America.
9. As-built drawings shall be prepared and submitted to the Authority on a CD in PDF and CAD format, indicating the location of all facilities installed before water is turned on.

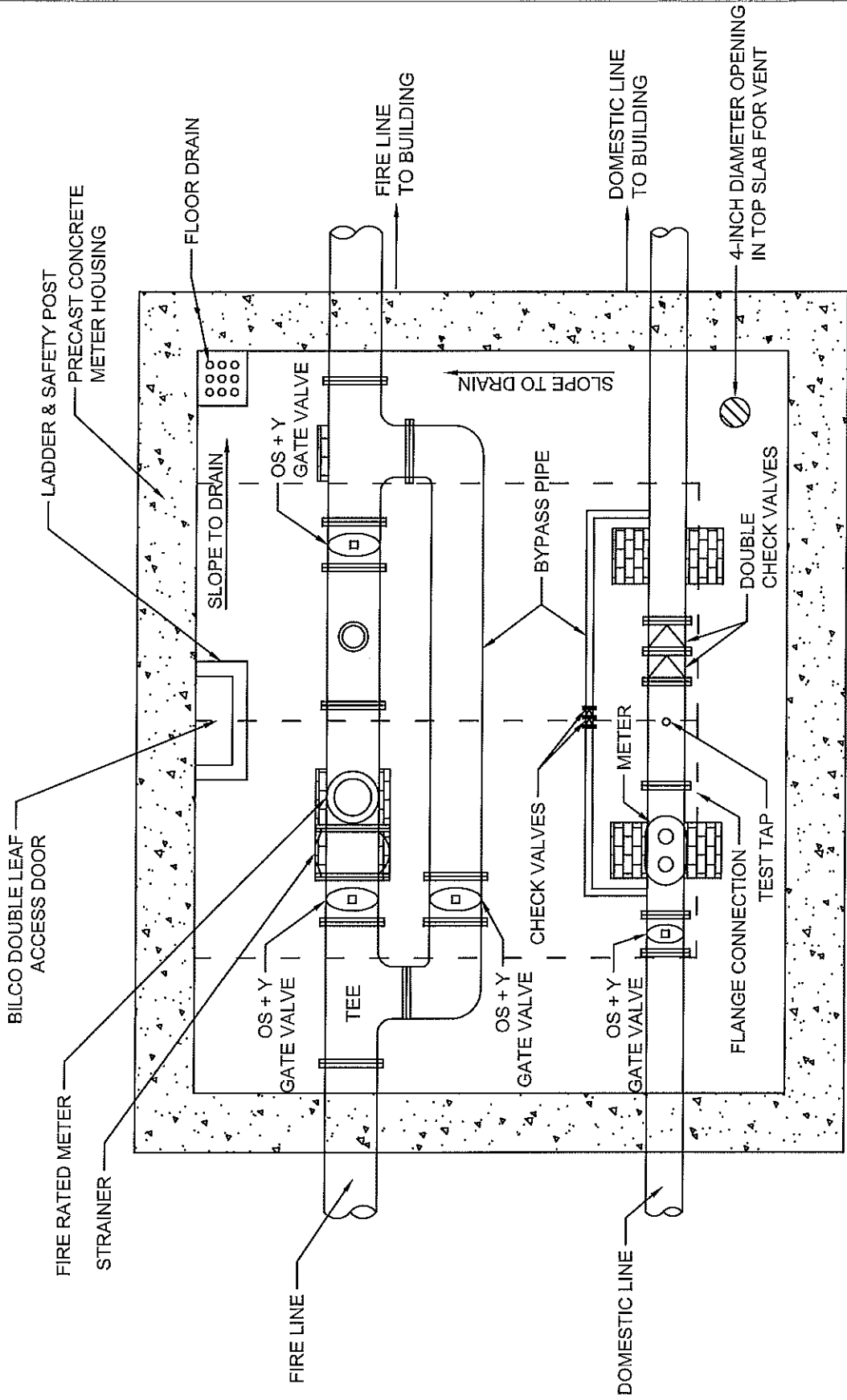
SPECIFICATIONS FOR METER HOUSING (see Sections 11.7-11.10 of the Rules and Regulations):

1. Where it is not accessible to set a meter inside a building, a meter shall be placed in meter housing. The installation is subject to the approval of the Authority.
2. All chambers shall be precast reinforced concrete. Design drawings shall include reinforcing details, penetrations, and concrete mix design.
3. Chambers shall not be installed in paved areas or anywhere that may experience vehicular traffic.
4. Outside of chamber shall be thoroughly treated with waterproofing compound.
5. Finished grade of the top of the chamber shall be above ground elevation to prevent inflow of surface water.
6. Access cover shall be 4 sq. ft. BILCO 50-2AL aluminum frame and cover.
7. Access to chamber shall be provided by a fixed ladder in accordance with CFR Title 29 OSHA standards. Steel or aluminum rungs for access are not acceptable. Grab posts shall be provided for ingress and egress of the chamber.
8. Chambers shall be provided with sump pit and electrified sump pump or a discharge to an open drain. Sump pit shall be located away from access ladder.
9. Chambers shall be vented. Vent shall be hooded and screened to prevent the entrance of precipitation, insects and/or animals. Vent opening shall be located on opposite side of chamber from access opening.
10. Example provided in **Appendix D**.

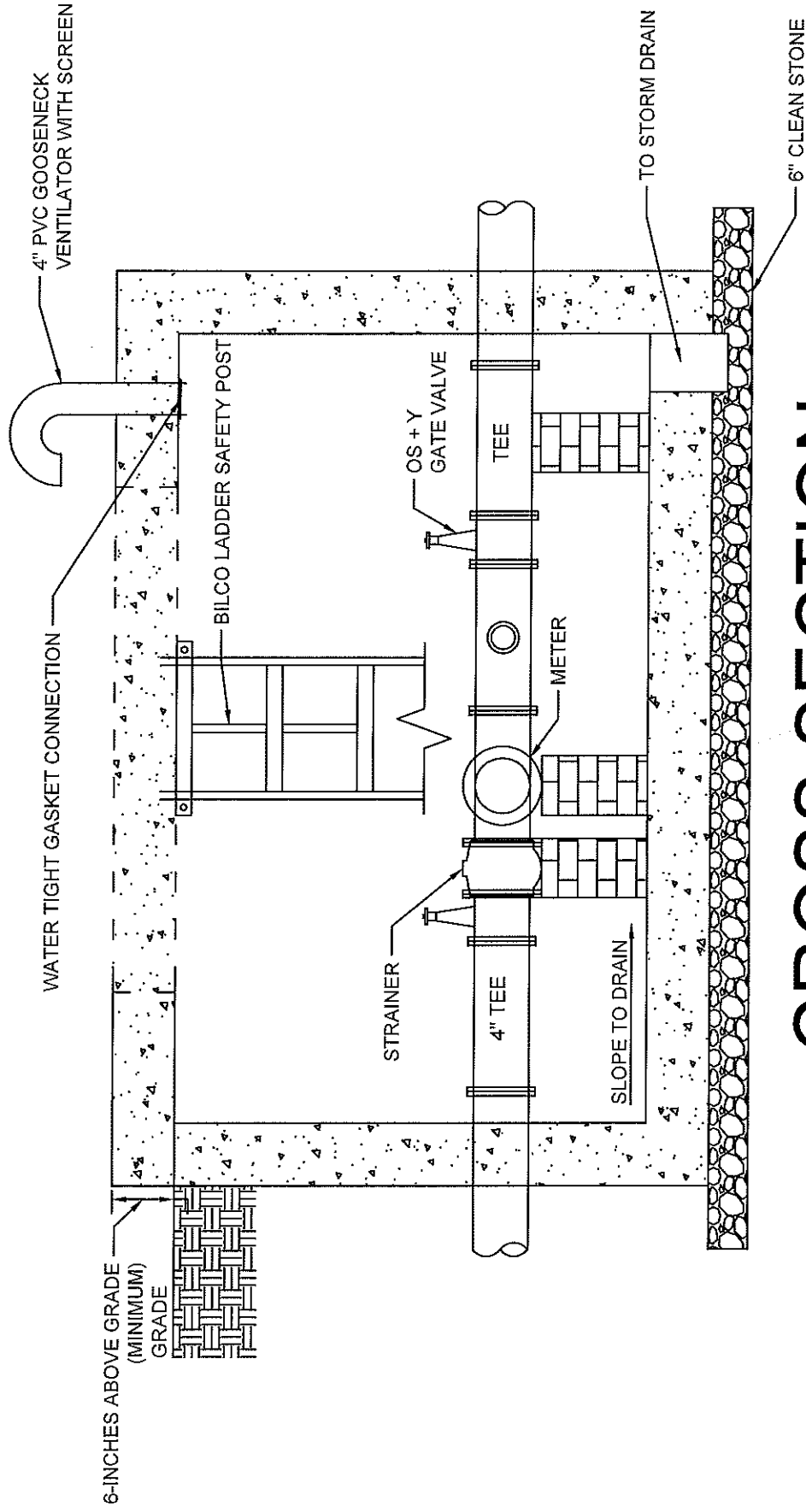
APPENDIX D

METER HOUSING

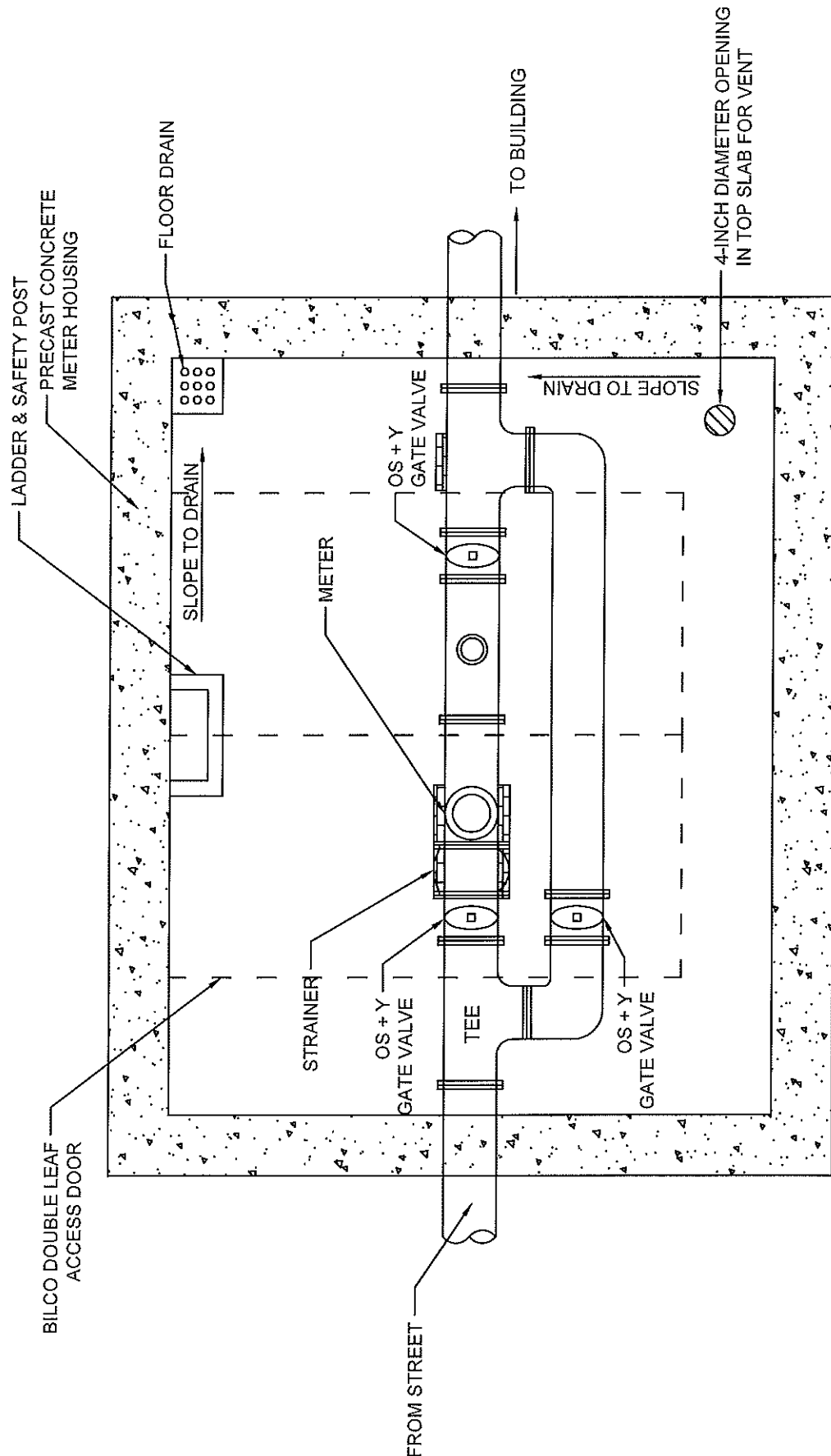
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CROSS SECTION



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