

Resolution #144.99

NORTH BAY - CASE INLET (MASON COUNTY) SANITARY SEWER UTILITY ADMINISTRATIVE CODE

The Mason County Board of Commissioners, by ordinance reproduced herein, establishes the Sanitary Sewer Code regulating the construction and use of permanent and private sewers and drains, private sewage disposal, the installation and connection of building sewers, and the discharge of water and wastes into the public sewer system for the North Bay - Case Inlet service area.

SANITARY SEWER UTILITY ADMINISTRATIVE CODE

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ARTICLE 1 - ESTABLISHMENT OF POLICY

It is the intent and purpose of the Mason County Board of Commissioners that sewer systems in the North Bay/Case Inlet sewer service area of the County be coordinated for future development and be constructed and maintained in accordance with uniform standards.

The Board further declares that the primary means of sewage collection and disposal in the North Bay - Case Inlet sewer service area shall be through the construction and extension of permanent sanitary sewers and connection of all sewage disposal systems to permanent sewer collection systems and sewage treatment facilities. The construction of sewer systems shall be in accordance with any applicable Wastewater Facility Plan, or Engineering Report, rules and regulations governing the use of utilities for development and with all other rules, regulations and requirements as may be prescribed from time to time by the respective agencies of Mason County and the State of Washington.

In the event that a federal or state or other applicable law impose a standard or regulation that is in conflict with any provisions of this code or any standard or regulation that the County may adopt pursuant to this code, the most restrictive standard shall prevail.

ARTICLE 2 - DEFINITION OF TERMS.

Words or phrases used herein shall have the following meanings:

- (1) **GENERAL.** Unless the context specifically indicates otherwise, the meaning of terms used in this Code shall be as set forth in this Section. Terms not specifically defined herein shall be as defined in the latest revised publication, "Glossary Water and Wastewater Control Engineering," published jointly by the American Public Health Association, American Society of Civil Engineers, American Water Works Association and Water Environment Federation.

- (2) APPROVED. Approved by the “Director” unless otherwise specified.
- (3) ASTM. American Society for Testing Materials.
- (4) BENEFICIAL USE. The use of reclaimed water or biosolids, which has been transported from the point of production to the point of use without an intervening discharge to waters of the State, for a beneficial purpose.
- (5) BENEFITED PROPERTY. Property receiving or having the potential of receiving sanitary sewer service from “public sewer facilities” built either by the “County” or for the “County” to provide service to a defined area.
- (6) BLUE CARD. A card issued by the Mason County Department of Community Development upon acquisition of building permit and payment of connection fee. This card authorizes an Owner to proceed with connection to the water and/or sewer system.
- (7) BOD. (a) Abbreviation for biochemical oxygen demand. The quantity of oxygen used in the biochemical oxidation of organic matter in a specified time, at a specified temperature, and under specified conditions. (b) A standard test used in assessing wastewater strength. The test shall be completed in accordance with the latest edition of STANDARD METHODS.
- (8) BUILDING SEWER. That portion of the “sanitary sewer” connecting one (1) or more structure(s) from the “plumbing outlet” to the “public sewer facilities.” The “building sewer” including that portion called the “side sewer stub” is constructed in accordance with “County” approved standards and is not part of the “County” “public sewer facilities.” “Building sewers” shall be maintained by the property owner. Where grinder pump units are installed, the “County” shall maintain the pumping unit and the small diameter force main connecting to the “Collection System.” The respective responsibilities are illustrated in Exhibit I.
- (9) CERTIFIED. Present written, formal communication attesting as being true as represented or as meeting a standard and guaranteed by signature.
- (10) CODE. The North Bay - Case Inlet (Mason County) Sanitary Sewer Utility Administration Code.
- (11) COLLECTION SYSTEM. A system of gravity sanitary sewer lines, 8-inch or larger diameters, low pressure pipelines, 2-inch to 6-inch in diameter, manholes, cleanouts, and appurtenances, whose primary function is to collect sanitary sewage from individual side sewers and small diameter force mains and transport this sewage to trunk, interceptor, and/or force main pipelines.

- (12) COMMERCIAL FACILITIES OR UNITS. All facilities generating “wastewater” not herein defined as “residential facilities.”
- (13) CONNECTION CHARGES. Charges assessed by the “County” against a property owner for connection to “public sewer facilities” owned by the “County.”
- (14) COUNTY. Mason County, Washington.
- (15) CUSTOMER. The legal owner of property or premises served by the County’s Sewer Utility through and by the Department, or that person’s agent or tenant and shall include anyone who has put service in his/her own name under the provisions of this Administrative Code.
- (16) DEPARTMENT OF COMMUNITY DEVELOPMENT. A separate and independent department of Mason County, responsible for the administration of the sanitary sewer and water utilities owned and operated by Mason County. Also referred to herein as “Department.”
- (17) DEVELOPER. Any person, or the heirs, successors, or assigns of such person, who owns and/or proposes or intends to develop any parcel of real property wherein there is located or is to be located any building or structure.
- (18) DIRECTOR. The Director of the Department of Community Development or the Director’s duly authorized representative.
- (19) DOMESTIC WASTEWATER FACILITIES. All facilities generating “wastewater” principally from “residential facilities or units”.
- (20) DUPLEX/TRIPLEX. A two-family, or three-family dwelling consisting of a detached building containing two (2) or three (3) complete living units sharing a common wall or floor with not more than three kitchens, designated and/or used to house not more than three families living independently of each other and including all necessary household functions of each such family.
- (21) EASEMENT. A legally binding agreement entitling the “County” to construct, repair and/or connect sewer facilities located within defined limits on private property; or, an agreement between two separate owners, for the purpose of mutual “wastewater” discharge, to construct sewer facilities on property owned by one “owner” or the other or both.
- (22) EFFLUENT. Wastewater that has been treated to remove wastes and is discharged from treatment facilities.

- (23) GARBAGE. The animal, vegetable, and other waste resulting from the handling, preparation, cooking and serving of foods. It is composed largely of putrescible organic matter and its natural moisture content.
- (24) GOVERNMENTAL ENTITY. The organization or agency through which a separate and independent political body exercises authority including but not limited to, cities, towns, water and sewer districts and other municipal corporations.
- (25) GREASE: Fat oils, waxes and other related constituents found in wastewater.
- (26) GRINDER PUMP. The pump, wet well, alarm, panel, valve vault, and appurtenances located on private property for the purpose of grinding and transporting wastewater into the collection system.
- (27) LEGAL OWNER. The owner of record as shown by the records of Mason County (See also "Customer.")
- (28) MASON COUNTY BOARD OF COMMISSIONERS. Those duly elected individuals serving as the Legislative Body of Mason County. Also referred to herein as the Board.
- (29) MULTIFAMILY DWELLING. A building, other than condominiums or town houses, designed and/or used to house four (4) or more families living independently of each other in separate living quarters that share common walls, floors and/or ceilings and including all necessary household functions of each such family.
- (30) MUTUAL MAINTENANCE AGREEMENT AND EASEMENT. A legally binding agreement between two or more "owners" for the purpose of connecting two (2) or more structures to a single "building sewer" located on private property and specifying for the mutual maintenance of the single "building sewer" by said property owners.
- (31) NATURAL OUTLET. Any outlet into a "watercourse", pond, ditch, lake or other body of surface or ground water.
- (32) NATURAL WATERCOURSE. A surface or underground "watercourse" created by natural conditions.
- (33) OWNER. The lawful and legal owner of a lot or parcel of land (delineated by parcel number) under single ownership also noted on County property rolls as the taxpayer.

- (34) PERMIT. Written authorization from the “Director” granting the “owner” or his/her duly authorized representative permission to make the required “building sewer” connections to the “side sewer stub” or to make repairs, alterations, disconnection’s, caps, or any other sewer construction or repair stipulated in this Code.
- (35) PERSON. Any agency, agent, authority, board, church, club, committee, commune, cooperative, department, district, government, group, guardian, league, office, order, party, school, task force, trustee individual, family, partnership, firm, company, association, society, corporation, or other entity.
- (36) PLUMBING OUTLET. The part of the lowest horizontal piping of a drainage system of a structure that receives waste from other drainage pipes inside the walls of a structure and conveys it to a “building sewer.” The “building sewer” begins twenty-four (24) inches from the outer face of the outside building wall.
- (37) PREMISES. A continuous tract of land, building or group of adjacent buildings under a single ownership or control with respect to sewer service and responsibility for payment therefore.
- (38) PRETREATMENT. The reduction of the amount or pollutant, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater before discharge to the “Public Sewer Facilities.”
- (39) PRIVATE SEWER FACILITIES. Any sanitary sewer facility including “building sewers” and “side sewer stubs”, constructed within the limits of privately owned property, including but not limited to collection lines, trunk sewers, lateral sewers, pump stations, force mains and appurtenances. “Side sewer stubs”, as defined herein and located within a public right-of-way or perpetual “easement” owned by Mason County, shall be operated and maintained by the private property owner.
- (40) PROPERLY SHREDDED GARBAGE. Garbage which has been shredded to such degree that all particles will be carried freely under the flow conditions normally prevailing in public sewer facilities, with no particle greater than 1/4-inch in any dimension.
- (41) PUBLIC SEWER FACILITIES. Any “sanitary sewer” constructed within a public right-of-way, perpetual “easement” dedicated to the “County”, or on property owned by the “County”, including but not limited to, water reclamation facilities, structures, collection lines, trunk sewers, interceptor sewers, lateral sewers, side sewer tees, pump stations, force mains, and appurtenances. “Public sewer facilities” are operated and maintained by the “County.” “Building sewers” and “side sewer stubs” as defined herein, are not “public sewer facilities” and are operated and maintained by the “owner.” Grinder pump stations from the 4-inch

or 6-inch “building sewer”, small diameter force mains, and appurtenances are maintained by the County.

- (42) PURCHASER. Any person, or the heirs, successors or assigns of such person, who purchases and/or leases any house, building or structure; or one or more units in a subdivision or multiple housing projects, from a developer as herein defined.
- (43) RELCAIMED WATER. Effluent derived in any part from sewage from a wastewater treatment system that has been adequately and reliably treated, so that as a result of that treatment, it is suitable for a beneficial use or a controlled used that would not otherwise occur and it no longer considered wastewater.
- (44) REGISTERED BUILDING SEWER CONTRACTOR. Any contractor who is duly registered to construct, install, repair, reconstruct, excavate, or connect any building sewer and side sewer sub to public sewers in the State of Washington.
- (45) REGISTERED PROFESSIONAL ENGINEER. An individual or corporation holding a currently valid license to practice engineering in the State of Washington.
- (46) RESIDENTIAL EQUIVALENT UNIT (R.E.).
 - a) Any residential or non-residential use which has been reasonably found by the Director to place a demand on the County’s sewerage system approximately equal to the demand from a single family dwelling.
 - b) That service unit which, for purposes of sewerage service measurement, is not greater than 218 gallons per day (GPD), having a waste strength of not greater than 282 milligrams per liter of “BOD” and not greater than 282 milligrams per liter of “suspended solids” (SS).
- (47) RESIDENTIAL FACILITIES OR UNITS. A structure or portion of a structure capable of human habitation, including, but not limited to, private houses; each unit of a duplex, triplex, fourplex, apartment building, condominium, or townhouse; or a mobile home.
- (48) RIGHT-OF-ENTRY. A legally binding agreement entitling the County to construct, operate, and maintain sewer facilities located on private property.
- (49) SANITARY SEWAGE. The same as “wastewater.”
- (50) SANITARY SEWER. Those sewers used to collect and transport only domestic or commercial water borne wastes permitted to be discharged by this code.

- (51) SEPTIC TANK. A settling tank in which settled sludge is in immediate contact with the “wastewater” flowing through the tank and in which the organic solids are decomposed by anaerobic bacterial action.
- (52) SERVICE AREA. That area eligible for sewer service or extension of sewer service as defined by the North Bay - Case Inlet Wastewater Facility Plan and as it may be amended from time to time. In general, the service area includes Victor beginning at Rocky Point, E. Coulter Creek Road, North Bay Road, the Town of Allyn, Lakeland Village, Sherwood Creek Road, Sherwood Road, and Grapeview Loop Road up to Giles Cove.
- (53) SERVICE LATERAL. The small diameter HDPE piping, typically 1-¼-inch, extending from the grinder pump unit to the valve box and collection system.
- (54) SEWAGE. The term now being replaced in technical usage by the preferable term of “wastewater”, and for the purpose of this Code shall be considered synonymous.
- (55) SEWER FACILITY PLAN. A plan that identifies the system of sewerage facilities required to convey and treat “sanitary sewage” in the “County” and has been approved by the Department of Ecology. The “Sewer Facility Plan” shall include location and description of disposal facilities, trunk and interceptor sewers, pumping and monitoring stations, control and treatment facilities, if appropriate. It shall also include preliminary engineering to insure the feasibility of any future proposed structures which are proposed as part of the plan. The preliminary engineering for the “Sewer Facility Plan” shall include all criteria necessary to establish sizing of the sewerage facilities identified in the plan.
- (56) SEWER LINE EXTENSION. Means the following:
- a) The construction, upgrading, and/or extension of existing sewer facilities located in public rights-of-way or “easements” conveyed to the “County”, or
 - b) The construction, upgrading, and/or extension of existing sewer facilities located on private property serving two (2) or more structures or exceeding a length of four hundred (400) feet, or
 - c) “Sewer line extensions” located on private property shall be operated and maintained by the “owner” including the “side sewer stub” as defined herein. Gravity “building sewer” lines over four hundred (400) feet in length serving one (1) “single family dwelling” are exempt from this definition.
- (58) “SHALL” OR “MAY”. “Shall” is mandatory, “May” is permissive.
- (59) SIDE SEWER STUB. A “sanitary sewer” constructed from a lateral or trunk sewer to a property line, or edge of a perpetual “easement” of a property being

served. The “side sewer stub” for gravity service shall be considered part of the “building sewer” and shall be maintained by the “owner.”

- (60) SIDE SEWER TEE. The point at which the “side sewer stub” joins the “public sewer facilities”.
- (61) SINGLE FAMILY DWELLING. A building designed and/or used to house a single family and shall include mobile homes on individual lots whether owned collectively or individually in mobile home courts, and individual units within condominiums or townhouses.
- (62) STORM DRAIN. Those drainage pipes which are designated to carry surface water runoff and other such storm waters as are not permitted to be disposed of through the “sanitary sewer system”, in accordance with the provisions of this Code.
- (63) STREET USE PERMIT. Any permit required by any public agency authorizing the customer or his agent to perform work within public rights-of-way.
- (64) STRUCTURE. Anything constructed erected or placed, the use of which requires location or attachment to something having location on the ground, and shall in addition, include but not be limited to, trailers, mobile homes and house trailers, but shall not include fences and retaining walls.
- (65) SUSPENDED SOLIDS (SS). Solids that either float on the surface of, or are in suspension in, water, “wastewater”, or other liquids, and which are largely removable by laboratory filtering.
- (66) UPC. Uniform Plumbing Code
- (67) UNPOLLUTED WATER. Water in its natural state, or water which, after use for any purpose, is not substantially changed as to chemical or biochemical qualities.
- (68) UTILITY LOCAL IMPROVEMENT DISTRICT (ULID). A special district (geographic area) established by the “County” or a vote by the property owner of the “Benefited Properties” under provisions of the Revised Code of Washington for the purpose of providing “wastewater” facility improvements and assessing all properties benefiting from those “wastewater” facility improvements for all or a portion of the cost of those improvements.
- (69) WASTEWATER. A combination of liquid and water-carried wastes from domestic, commercial or industrial facilities together with other waters which may inadvertently enter the system.

- (70) WASTEWATER FACILITIES. The structures, equipment, and processes required to collect, transport, and treat domestic and commercial wastes, and dispose of the “effluent” and waste by-products including “public” and “private sewer facilities”.
- (71) WASTEWATER TREATMENT PLANT. The arrangements of devices and structures used for treating the “wastewater” collected by the “County.”
- (72) WATER RECLAMATION FACILITY. The arrangement of devices, structures, and ponds used for treating “wastewater” according to the standards delineated under RCW 90.46 (Reclaimed Water).
- (73) WATERCOURSE.: (a) A natural or artificial channel for passage of water; (b) A running stream of water; (c) A natural stream fed from permanent or natural sources, including rivers, creeks, runs, and rivulets. There must be a stream, usually flowing in a particular direction (though it need not flow continuously) in a definite channel, having a bed or banks and usually discharging into some other stream or body of water.

ARTICLE 3 - ADMINISTRATION

3.01 - DEPARTMENT OF COMMUNITY DEVELOPMENT

The Department of Community Development has been established as a department within the government of Mason County. This department is under the management of the Director of the Department of Community Development. This department has the responsibility for the construction, maintenance and operation of sewer utility facilities at North Bay - Case Inlet and owned by Mason County.

3.02 - DIRECTOR - RESPONSIBILITIES AND LIMITATIONS

The Director shall be the administrator of Mason County’s Department. Where this Code requires approval by, permission or decision of, or instructions from the Director, the Director shall be guided by current County Resolutions, Ordinances and Policy as well as by generally recognized engineering standards and practices. The Director shall also be guided by current applicable state and federal laws and regulations.

3.03 - INTERDEPARTMENTAL COOPERATION AND AGREEMENTS

The Director may, insofar as practicable, make use of services of the other County departments, offices, and agencies. Interdepartmental agreements between the Community Development and the Department of Public Works and other departments of the County, may be authorized when necessary.

3.04 - AUTHORITY TO CONSTRUCT AND OPERATE

The Department of Community Development shall construct, operate and maintain the North Bay - Case Inlet Sewerage System, including collection systems and water reclamation facilities, for the collection, treatment, and beneficial use of wastewater.

3.05 - REVIEW, INSPECTION, AND CONSTRUCTION OF SEWER FACILITIES BUILT BY A PROPERTY OWNER OR DEVELOPER

- (1) Prior to the construction, installation and operation of any public sewer facility or any private sewer facility governed by the provisions of the North Bay - Case Inlet (Mason County) Sanitary Sewer Utility Administrative Code, Owners or their agents who are responsible for the construction shall be required to obtain Building Permit and pay all required fees and charges.
- (2) The Department may require the entity responsible for the construction to demonstrate satisfactory completion of all lines installed by the Owner. If defects are discovered by the County, the party responsible for the construction will be responsible for incurring all costs for repairing all defects.

3.06 - AUTHORIZATION OF INSPECTION OF EXISTING SEWERS AND APPURTENANCES

- (1) For the public sewer facilities of North Bay - Case Inlet, the Director shall be authorized to enter upon easement premises served by any building sewer or grinder pump installation or connected with any public sewer at all reasonable hours to ascertain or make necessary tests as to whether the provisions of local, state and federal laws relative to sewerage have been complied with.
- (2) In the event that entry is refused, necessary steps shall be taken to make application for a search warrant to accomplish the appropriate inspection.
- (3) If said sewer, or its attachments, are in conflict with the provisions of any law or resolution in regard thereto, the owner of said premises, or his agent, shall be notified to cause said sewer or its attachments to be so altered, repaired or reconstructed at the owner's expense, so as to make them conform to the requirements of the laws and resolutions within a reasonable time limit established by the Director from the time of receipt of such notice.

- (4) Every employee of the Department being authorized to enter upon private property to inspect or have charge or maintaining the public sewer facilities of the Department shall be furnished with means of identification and shall carry such identification at all times when engaged upon the duties of is position and produce and exhibit the same upon request.

3.07 - UTILITY LOCAL IMPROVEMENT DISTRICT - ESTABLISHMENT

The County shall have the power to establish Local Improvement District's (LIDs) and Utility Local Improvement Districts (ULIDs) for the purpose of constructing or reconstructing sewer systems, by the method and manner prescribed in the Revised Code of Washington within the area of a sewerage general plan and to levy special assessments to pay in whole, or part, the cost of any improvements.

3.08 - SEWER UTILITY FUNDS

The County shall by separate resolutions or ordinances create the necessary Sewer Utility Funds to properly account for any and all revenues received for the use of sewers as set forth herein. All expenses for administration, development, construction, operation, maintenance and repair of the North Bay - Case Inlet (Mason County) Sewer System shall be charged to said funds.

ARTICLE 4 - REQUIRED USE OF PUBLIC SANITARY SEWERAGE SYSTEMS

4.01 - GENERAL

It is the intent of this Section and the stipulations, conditions, and/or requirements contained herein that all matters pertaining to the collection, treatment and disposal of sewage and wastewater for the North Bay - Case Inlet service area under the jurisdiction of the County shall be subject to this Section and all of the other Sections and/or Appendices contained in this Administrative Code.

4.02 - TREATMENT OF WASTEWATER REQUIRED

It shall be unlawful to discharge into any natural watercourse within the service area, any sewage and wastewater or other polluted waters, except where suitable treatment has been provided in accordance with State and Federal regulations or the provisions of this Code.

4.03 - PROPERTY REQUIRED TO CONNECT TO PUBLIC SEWER

Within the area under the jurisdiction of the County, by provisions of this Code, any single family dwelling, duplex, triplex, multi-family dwelling, or commercial facility located either along the shoreline of North Bay - Case Inlet or Anderson Lake or within two hundred (200) feet of the sanitary sewer line to be constructed by the County and

abuts the customer's premises shall connect to the sanitary sewer system. Those single family dwellings beyond the two hundred (200) feet limit may, at the Owner's option connect to the sanitary sewer system. New duplex, triplex, multi-family dwellings or commercial facilities located beyond the two hundred (200) feet limit may be allowed to connect to the sanitary sewer system. Such determination shall be made by the Mason County Department of Community Development at the time of the Owner's application for a building permit. The conditions for connection to the sanitary sewer system are illustrated in Exhibit II.

New buildings on residential lots requiring sewer service shall be connected to the collection system at the Owner's expense and in a manner which meets with the approval of the Mason County Department of Community Development. The plans for and specifications of such connections shall be submitted as a part of the Owner's application for a building permit. Upon acquisition of the building permit and payment of the connection fee, the Owner shall receive a "blue card" entitling the Owner to proceed with construction and connection to the collection system.

Travel trailer, camper, and motor home owners must apply to the Mason County Department of Community Development for a permit to obtain sanitary sewage service while such vehicle is on a platted residential lot, except as provided as follows:

No more than one travel trailer, camper, or motor home may be located on a platted lot during any period.

4.04 - REQUIRED USE

When the County or a developer extends permanent sewer service, existing structures will be required by the County to connect to the public system. The owners of existing structures shall be required to connect to the public sewer system immediately and at their own expense and pay all fees/capital charges to the County.

ARTICLE 5 - CONSTRUCTION OF SANITARY SEWER SYSTEMS

5.01 - DESIGN CRITERIA AND CONSTRUCTION STANDARDS

The Department shall ensure that sewer facilities design and construction standards satisfy the standards of the most current Department Design and Construction Specifications, or as prescribed and interpreted by the Director.

5.02 - CONNECTION TO PUBLIC SEWERS

All connections to the public sewers of the County shall be made in a permanent and sanitary manner in accordance to the provisions of this Code and shall be sufficient to carry all the wastewater of every kind from the building or structure into the public sewer.

5.03 - REPAIRS TO CONNECTIONS

For properties within the North Bay - Case Inlet service area, any needed repair to a building sewer or connection to a public sewer shall be made within thirty (30) days after the date of mailing or personal service of a notice by the Director to the owner of the property served notifying such owner to make such repair. In the event of an emergency, the Director may establish a shorter period of time for the repair to be made or, if the owner cannot be located or does not promptly make such repairs, the County may make the repairs under the procedures of this Code and charge for the work based on the staffs and/or Contractors hourly rate.

5.04 - CONNECTION STANDARDS

- (1) Gravity Service Connections:
 - (a) Old building sewers, including septic tank lines, may be used in only when they are found, on examination and test by the Director to meet all requirements of the Code.
 - (b) The building sewer shall conform to all County and State building codes and/or with the manufacturer's recommended practices, which ever is more restrictive. New sewer pipe and fittings at a minimum shall be PVC and shall meet or exceed ASTM recommended specifications D3034-73, SDR 35, current revisions.
 - (c) Connections between dissimilar pipe materials shall be by adapters approved by the Director or his agent. The first fitting at the connection of the building sewer to the public sewer service connection shall be a tee, furnished by the owner. Immediately after installation of the tee, an expandable watertight plug shall be installed in the tee branch connected to the public sewer. Said plug shall remain in place during construction and testing of the building sewer. After the plug has been removed, the tee riser shall be extended vertically to within 6" of finished ground surface and shall be sealed with an approved cap or plug. The riser shall be used as an auxiliary cleanout.
 - (d) The size and slope of the building sewer shall be subject to the approval of the Director, but in no event shall the diameter be less than four inches. The slope of said four inch pipe shall not be less than one-quarter (1/4)

inch per foot, unless approved by the Director. In no case shall the slope of 4-inch pipe be less than one-eighth (1/8) inch per foot. A minimum of 18" of cover shall be maintained over the top of service pipe at all times.

The building sewer shall be laid at uniform grade and in a straight alignment insofar as is possible. Changes in direction shall be made only with curved pipe no greater than "45-degree bends". All pipe shall be laid on a 4-inch granular base of a 3/4-minus rock, pea gravel, sand or combination thereof.

Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to public sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.

- (e) All excavation required for the installation of a building sewer shall be open trench work unless otherwise approved by the Director. No backfilling of the trench shall be done until inspection by the County has been conducted.
- (f) All joints and connections shall be made gastight and watertight.
- (g) The applicant for building permit shall notify the Director when the building sewer is ready for inspection and connection to the public sewer. After final approval and testing of the building sewer by the Director, the owner shall make the final connection to the building drain, unless otherwise authorized by the Director. A 30-minute internal hydrostatic test may be required on all building sewers before connection is made to the building drain. All water plugs and other facilities for making the test shall be furnished by the applicant. Minimum head over the top of the pipe shall be two feet and a maximum allowable leakage shall be four gallons per hour per 100 feet.
- (h) Any structure having a plumbing outlet that serves fixtures with flood level rims located below the elevation of the next upstream manhole cover shall install an approved backwater valve.

(2) Grinder Pump Installations:

- (a) Any structure requiring a grinder pump unit shall utilize a unit conforming to Mason County standards. The grinder pump unit shall be subject to approval at the same time as the building permit.

- (b) Service lateral piping attached to the grinder pump unit and extending to the valve vault shall be 1- $\frac{1}{4}$ -inch HDPE pipe with a working pressure exceeding 160psi at 73.4 F and a minimum SDR of 11. The HDPE pipe shall be installed in a continuous length from the grinder pump unit to the valve vault.
 - (c) All grinder pump installations shall require a valve vault located approximately at the County or State right-of-way. The valve vault shall conform to Mason County standards for either non-traffic or H-20 traffic conditions. The type of valve vault shall be determined at the time of building permit submittal. Each valve vault shall contain at a minimum a PVC ball shut-off valve and also a PVC check valve at identified locations.
 - (d) All joints and connections shall be made against and watertight. Transition couplings from HDPE to other material shall be rated for 150 psi.
 - (e) The applicant for the building permit shall notify the Director when the grinder pump installation is ready for inspection and connection to the public sewer. The applicant shall demonstrate operation of the grinder pump with water over a complete "on/off" cycle and also demonstrate the operation of the alarm light by overfilling the wet well. After final approval and testing of the grinder pump, by the Director or his agent, the owner shall connect the building sewer to the grinder pump wet well and the HDPE service lateral to the public sewer system. Both of these connections shall be approved by Mason County prior to backfilling of the trench.
- (3) Separation for Water and Sewer Piping:
- (a) Requirements for separation between water lines and sanitary sewers are shown in the "Criteria for Sewage Works Design, Washington State Department of Ecology (December 1998). In general, a minimum horizontal separation of 10 feet between sanitary sewers and any existing potable water lines and a minimum vertical separation of 18-inches between the bottom of the water line and the crown of the sewer shall be maintained.
 - (b) Where local conditions prevent the separations described in 3(a), the sewer shall be installed in a separate trench with a minimum of 18-inches of vertical separation between the crown of the sewer and the bottom of the water line.

- (c) Where a potable water well exists, the grinder pump and service lateral piping shall be located outside of a 50-foot radius from the well. If the service lateral piping cannot be located outside of this radius, the service lateral piping shall be encased with a 2-inch HDPE piping, SDR 11, within the 50-foot radius.
- (d) Additional mitigation efforts may be required by the Director for high ground water, unstable soils, or other unusual site conditions.

5.05 - ABANDONMENT/MODIFICATION OF EXISTING SEPTIC TANKS

- (1) Abandonment of existing septic tanks or other sewage containers for the purpose of connecting to public sewers shall be conducted in conformance with WAC 246-272-1850.
- (2) Any existing septic tank utilized for an emergency overflow for a grinder pump unit shall be pumped by a licensed septic tank hauler. All tanks whose access opening is greater than 18-inches below the surface shall be brought to 18-inches below grade with 24-inch diameter minimum concrete extension rings grouted to become watertight. Modifications, and connections to the existing septic tank shall be inspected by the County for watertightness prior to backfilling.

5.06 - INFORMATION FROM THE COUNTY

The owner of any building shall be responsible for obtaining from the Director the approximate location and elevation of the sewer wye, tee or stub at the point of connection and, in the case of new construction, for planning the building and plumbing to provide adequate slope for building connection to the side sewer stub. The applicant for permit shall be responsible for determining the available grade between plumbing outlet and sewer wye, tee or stub. All department supplied information shall be field checked by the owner/developer or his/her representative prior to design and/or commencing construction. The County is not liable for inaccurate information provided to the County.

5.07 - COSTS OF BUILDING SEWER OR SEWER LINE EXTENSION BORNE BY OWNER

- 1) Gravity Sewer Connections:

All costs and expense incidental to the installation, connection, maintenance, cleaning, repair and/or addition to or of the building sewer shall be borne by the owner effective January 1, 2002. This responsibility includes paying all costs incidental to the aforementioned activities performed on all segments of the sewer

and including but not limited to side sewer stub, sewer tee, sewer wye, and all other sewer appurtenances.

2) Grinder Pump Installations:

All costs and expense incidental to the installation, connection and/or addition to or of the building sewer shall be borne by the Owner effective January 1, 2002. This responsibility includes paying all costs incidental to the aforementioned activities performed on all segments of the sewer and including but not limited to side sewer stubs, sewer tee, sewer wye, grinder pump, service lateral, valve vault, and all other sewer appurtenances. Upon installation and testing of the grinder pump, the maintenance of the grinder pump, service lateral, and valve vault shall be the responsibility of the County. The building sewer shall be the responsibility of the Owner.

5.08 - MUTUAL MAINTENANCE AGREEMENT AND EASEMENT

If it is determined that a special condition(s) requires more than one separately owned residence to be served by a single building sewer, written authorization to do so must be obtained from the Director after the owners of said properties have entered into a Mutual Use Agreement. This document assuring that all properties involved shall have perpetual mutual easements for the building sewer, and having provisions for mutual maintenance and access for repair purposes, shall be signed by the recorded owners and acknowledged and recorded with the County Auditor, and a copy thereof furnished to the Director prior to the issuance of a permit for the approval of the building sewer.

5.09 - REUSE OF OLD BUILDING SEWERS

Old building sewers, may be used only when they are found, on examination and test by the Director, to meet all requirements of this Code. This examination and test shall be at the Owner's expense. The owner or his/her agent shall demonstrate to the Director that no connection to such building sewer line exists which conveys any material prohibited by County.

5.10 - PROTECTION OF EXCAVATIONS AND RESTORATION OF PUBLIC PROPERTY

All excavations for building sewer or sewer line extension installations shall be adequately guarded with barricades and lights in accordance with State and County requirements so as to protect the public from hazard. Road, parkways and other public property disturbed in the course of the work shall be restored to original condition or better.

5.11 - COMMERCIAL WASTES - CONTROL MANHOLE

When required by the Director, the owner of any property served by a building sewer carrying commercial wastes shall install a suitable control manhole in the building sewer to facilitate observation, sampling and measurement of the wastes. Such manhole, when required, shall be fully accessible, safely located, and constructed in accordance with plans approved by the Director. Such plans shall be in accordance with current County Standard Sanitary Sewer Specifications and Standard Plans. The manhole shall be installed by the owner at the owner's expense and shall be maintained by the owner so as to be safe and accessible at all times by the County.

5.12 - COMMERCIAL WASTES - GREASE TRAPS

When required by the Director, the owner of any commercial establishment found to be discharging excess oils, fats, and grease shall install a suitable grease trap in accordance with the latest edition of the Uniform Plumbing Code. Such grease trap, when required, shall be fully accessible, safely located, constructed and maintained in accordance with plans approved by the Director.

5.13 - PRETREATMENT OF SEWAGE

- (1) When, at any time, it becomes necessary or desirable to discharge into the North Bay – Case Inlet sewer system any matter from any existing or proposed facility which does not conform to the standards as prescribed in the most current requirements of this code, the owner(s) of such facilities shall hereby be required to pretreat such matter at owner(s) expense to a degree that will produce an effluent which will conform to the standard outlined therein and as amended from time to time or as prescribed and interpreted by the Director.
- (2) Such pretreatment shall include grease traps, chemical or biochemical plants, sedimentation chambers and any devices which effect a change of any nature in the characteristics of the matter being treated. Any and all such devices and equipment shall be subject to the approval of the Director and the Washington State Department of Ecology and shall not be put into operation nor revised in any manner without written permit or approval issued by the Director, the Washington State Department of Ecology and other approving governmental agencies. (Any such device other than a grease trap requires approval from other governmental entities). Said devices and equipment shall be provided with all necessary features of construction permit inspection of operations and testing of materials passing through other governmental agencies for such pretreatment facilities shall not guarantee that the pretreatment facility will operate as designed; the owner and/or the owner's engineer will assume this liability.

- (3) New plans and specifications and other pertinent information relating to proposed preliminary treatment facilities shall be prepared by a licensed professional engineer and shall be submitted for the approval of the Director and the State of Washington, Department of Ecology and Department of Health when required by law. No construction of preliminary treatment facilities shall be commenced until such approvals are obtained in writing. Any expenses incurred by the County in reviewing such plans, specifications and information shall be paid by the property owner and owner's representative before the County's approval shall be granted.
- (4) All approval procedures, planning and design specifications, charges, fees and other requirements relating to pretreatment facilities shall conform to the provision outlined in the most current requirements of this code.

ARTICLE 6 - PERMITS

6.01 - PERMITS REQUIRED

No unauthorized person shall uncover, make any connections with or opening into, use, alter or disturb any public sewer or appurtenance thereof or construct any sewer disposal system without first obtaining a written permit from the Department or other responsible agency. This article covers both permits for gravity sewer connections and grinder pump installations for the service area.

6.02 - BUILDING SEWER PERMITS

There shall be two classes of building sewer permits: (1) for residential, single family service; and (2) for nonresidential service. In either case, the owner or his agent shall make application on a form furnished by Mason County. A Building Sewer Permit shall be required of any owner of a lot(s), parcel of real estate or structure(s) either required or electing to make a connection to a public sewer or make a modification, repair, disconnection, inspection or addition to an existing building sewer. The appropriate permit and plan check fee shall be paid to the county at the time the application is filed. Upon acquisition of the building permit and payment of the connection fee, the owner shall receive a "blue card" authorizing construction and connection.

6.03 - SEWER PERMIT-TERM AND FEE

A Sewer Permit is valid for twelve (12) months from the date of issuance. The Sewer Permit can be extended an additional twelve (12) months without securing a variance. If after the twenty-four (24) months, the Sewer Permit expires but the Owner still wishes to connect to a sewer, the Owner must obtain a new permit and pay the County another full Permit Fee unless circumstances, in the judgment of the Director, warrant a variance. If a Sewer Permit is canceled by the owner, the full Permit Fee shall be forfeited.

6.04 - BUILDING SEWER PERMITS REQUIREMENTS

A Sewer Permit shall be obtained in the following manner:

- (1) Permits shall be issued only upon proper application to the Mason County Department of Community Development.
- (2) A permit which authorizes work in a public right of way or easement dedicated to Mason County or the connection with or opening into any public sewer other than through the normal opening of a wye, tee or side sewer stub shall be issued to a licensed Contractor.
- (3) A permit which authorizes building sewer work may be issued to the owner of the property. For building sewers as defined in Section 1.04 of this Code the owner may perform only that portion of the connection located on private property and not in public right-of-way or easement dedicated to the County.
- (4) Sewer Permits shall not be transferable. No person shall lay any pipe pursuant to any other person's or contractor's permit.
- (5) A Sewer Permit shall be issued prior to commencement of construction and only after all applicable charges and fees have been paid by the owner or developer.
- (6) No Sewer Permit allowing connection to the public sewer shall be issued before the main sewer is accepted by the Director, and the property owner so notified. An interim approval allowing building sewer construction without connection to a non-operational public sewer may be issued at the discretion of the Director.
- (7) The Permit card must be posted on the job prior to commencing the work and must be readily accessible to the Director.

6.05 - CHANGED CONDITIONS - INCREASED WASTEWATER FLOWS, BOD SS, OR GREASE

The County shall have the right to charge an owner of a parcel of property already permitted and connected to the collection system, an additional connection charge and/or increase the monthly sewer service charge to:

1. Wastewater flows disposed of into the collection system have increased above the amount for which the owner or previous owners paid a connection charge, or,
2. BOD and/or SS are found to be greater than 282 mg/l and 282 mg/l respectively, and
3. Grease greater than 100 mg/l.

ARTICLE 7 - CHARGES

7.01 - SCHEDULE OF FEES

The schedule of fees covering monthly service charges, connections fees, and permit fees for the sewerage system at North Bay - Case Inlet shall be covered by resolution and shall be attached and by reference made part of this ordinance.

ARTICLE 8 - UNLAWFUL USE OF PUBLIC AND PRIVATE SANITARY SEWER SYSTEMS

8.01 - UNLAWFUL WASTEWATER DISPOSAL FACILITIES

Except as hereinafter provided, it shall be unlawful to construct or maintain any septic tank or other sewage holding facility intended or used for the disposal of wastewater within the boundaries of the North Bay - Case Inlet service area where sewers are available except as permitted by this Ordinance. This does not include portable privies or other temporary wastewater disposal systems, such as those used at construction sites.

8.02 - UNLAWFUL DEPOSIT OF WASTE

- (1) It shall be unlawful for any person to place, deposit or permit to be deposited in an unapproved and unacceptable manner into the County sanitary sewer system any human excrement, garbage, hazardous wastes, and/or other unlawful wastes except in accordance with this Code.
- (2) Unlawful waste, under no conditions, shall be discharged into or be placed where it might find its way into, or be allowed to run, leak, leach or escape into any part of the sanitary sewer system. Unlawful waste includes gasoline, fuel oil, toxins, flammable or explosive liquids.
- (3) No person shall discharge or cause to be discharged to any of the wastewater facilities any substances, materials, or wastes in quantities or concentration that will cause corrosive damage or hazard to structures, equipment, or personnel of the wastewater facilities, and in no case will discharges be allowed with a pH lower than 5.0 or greater than 10.0.
- (4) No person shall discharge or cause to be discharged to any of the wastewater facilities any substances, materials, waters, or wastes that will contain more than 100 milligrams per liter of nonbiodegradable oils of mineral or petroleum origin or contain floatable oils, fats or grease.

8.03 - UNLAWFUL DISCHARGE OF STORM AND OTHER WATERS INTO SEWERS

No person shall discharge or cause to be discharged any storm drainage water, surface water, groundwater, roof runoff, or subsurface drainage into the sanitary sewer system. Roof, foundation, areaway, parking lot, roadway, or other surface runoff or groundwater drains shall discharge to natural outlets or storm sewers.

8.04 - LIMITATIONS ON DISCHARGE LOCATIONS

No person or entity shall discharge any unlawful substance directly into a manhole or other opening in the public sewer system other than through an approved building sewer without the written authorization of the Director in compliance with this Administrative Code, nor until said person or entity has paid all applicable charges and fees and has met any other conditions required by this Administrative Code and the Director.

8.05 - LIABILITY FOR DAMAGE

The customer shall be responsible for and pay for any damage to public sewer facilities belonging to the Department caused by any unauthorized use, carelessness or neglect by the customer.

8.06 - UNLAWFUL DAMAGE TO SEWER FACILITIES

It shall be unlawful for any unauthorized person to maliciously or willfully break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or piece of equipment which is part of the County sewer facilities by throwing, dumping, discharging or otherwise introducing any dirt, rocks, sticks, debris, other foreign matter or any other matter prohibited by this Code into the County sewer system.

8.07 - DISCHARGE OF SEPTIC TANK CONTENTS

- (1) It shall be unlawful for anyone to discharge the contents of any septic tank, chemical toilet, or sewage holding tank into the sewer system of Mason County except in accordance with the provisions of this Code.
- (2) The Director shall designate in writing the particular locations where the contents of chemical toilets, or sewage holding tanks may be discharged into public sewer systems, and the manner in which said contents shall be discharged into the County sewer system.
- (3) No matter prohibited from sewers by this Code shall be permitted to be discharged under this section.

8.08 - FAILURE TO CONNECT OR REPAIR BUILDING SEWER

- (1) If any connection to or repair of a public sewer is not made within the time and in the manner provided in this Code, the Director may forthwith cause to be placed a recorded notice against the property that no new buildings, remodeling or change in ownership will be allowed until the connection or repairs of all sanitary sewer facilities are made. Said notice may be recorded by the Director with the Mason County Assessor.
- (2) If at this time or after a reasonable period so determined by the Director, connection of or repairs to the building sewer or sewer line extension remain to be completed and the Director has exhausted the means or methods available to the Director to make said connections or repairs as prescribed in this Code, the County may upon authorization of the Director make said connections or repairs for and at the total expense of the owner provided the Director takes the following steps:
 1. Notifies the owner that the connections or repairs are delinquent pursuant to the provisions of this Code and informs said owner that the County intends to make said connections or repairs itself and,
 2. Notifies the owner that the County shall charge said owner for all costs associated with said connections or repairs including, but not limited to, all construction or repair costs and any other applicable costs which would normally be incurred by said owner pursuant to the provisions of this Code, and,
 3. Notifies the owner that any failure to reimburse the County for said costs shall result in the County filing a lien upon the property as provided for in Title 36, Chapter 94, Revised Code of Washington in the amount of said unpaid cost plus interest and plus any applicable penalties.

8.09 - UNLAWFUL CONNECTIONS TO OR DISTURBANCES OF PUBLIC SEWERS

Any person who makes or causes to be made any connection to, opening into, use, alteration and/or disturbance of the public sewers of the County without receiving a permit authorizing such a connection and/or use, alteration, etc., shall be subject to the provisions set forth in this Code.

8.10 - DISCONNECTION OF BUILDING SEWER

No structure may be disconnected from a building sewer and no building sewer may be disconnected from a public sewer for any reason without prior written notification to, and approval by the Director. No approval shall be given unless the disconnection is lawful

under this Code and other applicable laws, and satisfactory protection is given by the owner or his contractor to the public sewers of the County including, but not limited to, the satisfactory capping of the building sewer. Sewer service charges for any structure disconnected or to be disconnected shall continue until such disconnection is approved by the County and the building sewer capped and otherwise protected to the satisfaction of the Director.

8.11 - BUILDING SEWER FOR EACH BUILDING - EXCEPTIONS

A single building sewer shall be provided for each building unless the connection of more than one building to a single building sewer is approved in writing by the Director prior to the construction of such building sewer.

ARTICLE 9 - ENFORCEMENT

9.01 - NOTICE OF VIOLATION

Any person or contractors found to be violating any provision of this Code shall be served by the County with written notice stating the nature of the violation and providing a time limit for the satisfactory correction thereof. The violator of this Code shall, within the period of time stated in such notice, permanently cease all violation and make all necessary corrections.

9.02 - APPEAL PROCESS

The person or contractors may file a written notice of appeal of the notice of violation issued by the Department. Such appeal must be filed within thirty (30) days after the owner receives notice of the violation. The filing fee for an appeal is an amount of \$100 payable at the time of filing. The violation notice will not be enforced until the Board of Commissioners or its delegated representative meets, hears the appeal, and renders its decision thereon. The hearing shall be held not less than ten (10) days or more than forty-five (45) days after the date of the filing of objections. No less than seven (7) days prior to the date set for the hearing, notice of the hearing date will be given to the owner. The decision of the Board of Commissioners or its delegated representative is final and no appeal may be taken therefrom except as provided by law.

9.03 - CIVIL LIABILITY TO COUNTY

Any person or commercial entity who shall violate any provision of this Code shall be liable to the County for any penalty or fine; plus the expense, loss, damage, cost of inspection or cost of correction incurred by the County by reason of such violation, including any expenses incurred by the County in collecting from such person or commercial entity any penalty, fine, loss, damage, expense, cost of inspection or cost of correction.

9.04 - CONTINUED VIOLATION - PENALTY

Any person or commercial entity who shall continue any violation beyond the time limit provided for in the notice of violation or in the hearing order on appeal, shall in addition to the items of expense provided in this Code, become liable to the County for a penalty in the amount of ten (10) percent of such expense items, together with interest thereon at a current rate determined by the County Treasurer from the date of the time limit.

9.05 - DELINQUENT CHARGES

When sewer charges are not paid within sixty days after the date of billing or by the date of the next billing, such charges shall be delinquent and shall be assessed a penalty of 10% of the amount due (including accrued interest).

9.06 - LIEN FOR DELINQUENT CHARGES

In the event that any person, or commercial entity fails to pay any fee or charge as set forth in this code within sixty (60) days after the same is billed by the County, the unpaid balance plus interest at 8% per annum or such higher amount permitted by RCW 36.94.150 or any successor statute shall become and remain a lien against the property in accordance with RCW 36.94.150.

9.07 - LIEN ATTACHMENT

The Director shall certify periodically the delinquencies to the Mason County Assessor/Treasurer at which time the lien shall attach.

9.08 - LIEN INTEREST

The lien shall be for all unpaid balance charges and interest at the current rate to be applied from the date due until paid, and shall attach to the premises to which the services were furnished.

9.09 - LIEN FORECLOSURE

Upon the expiration of sixty (60) days after the attachment of the lien herein, the County may bring suit in foreclosure by civil action in the Mason County Superior Court. In addition to the costs and disbursements provided by statute, the court may allow the County reasonable costs and attorney fees. The lien shall be foreclosed in the same manner as the foreclosure of real property tax liens (RCW 36.94.150).

9.10 - CRIMINAL PENALTY

Any person or commercial entity who willfully violates any of the terms or conditions of this Code shall be guilty of a misdemeanor, and on conviction thereof, shall be subject to a fine of not more than \$500 or by imprisonment in the Mason County Jail not to exceed 90 days or both fine and imprisonment. Each separate day or any portion thereof, during which any violation continues, shall be deemed to constitute a separate offense.

9.11 - VALIDITY - SEVERABILITY

The invalidity of any section, subsection, clause, sentence or provisions of this Code shall not affect the validity of any part of this Code which can be given effect without such part or parts.

ORDINANCE NO. 144-99

PASSED and ADOPTED by the Board of Mason County Commissioners this 14th
day of DECEMBER, 1999.

3 Ayes; _____ Nays; _____ Abstain; _____ Absent

BOARD OF COUNTY COMMISSIONERS
MASON COUNTY, WASHINGTON

[Signature]
Chairperson

[Signature]
Commissioner

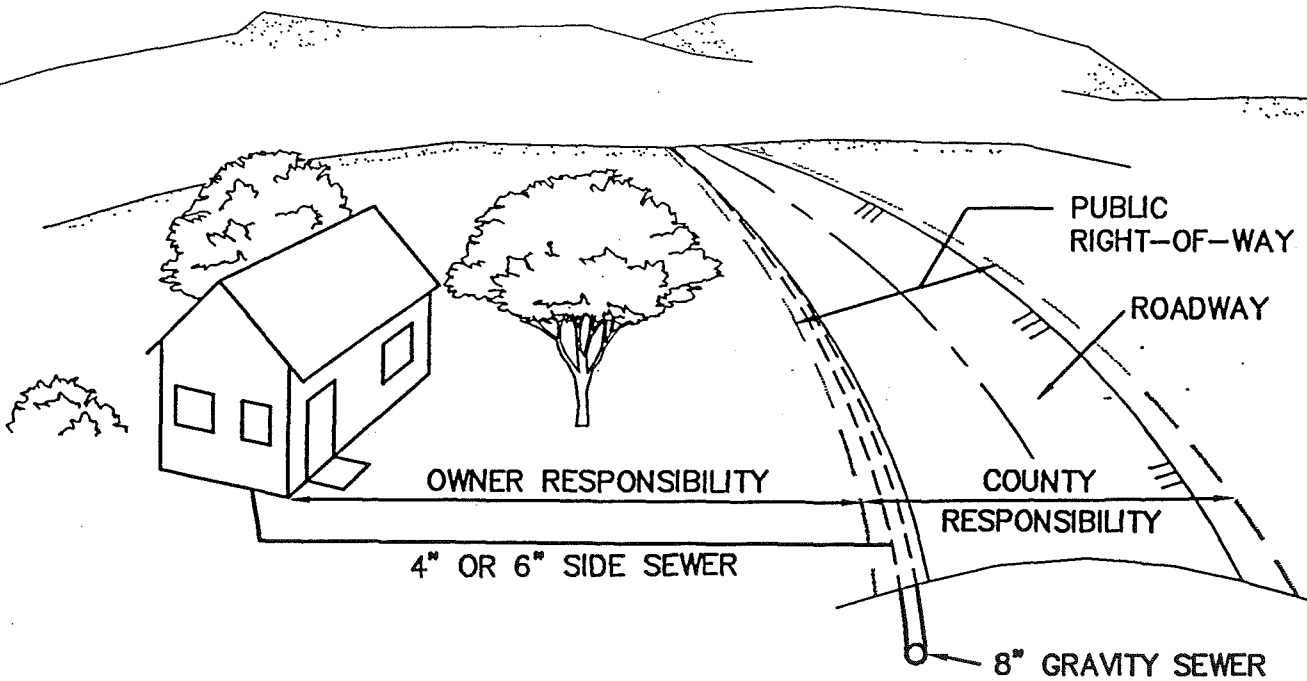
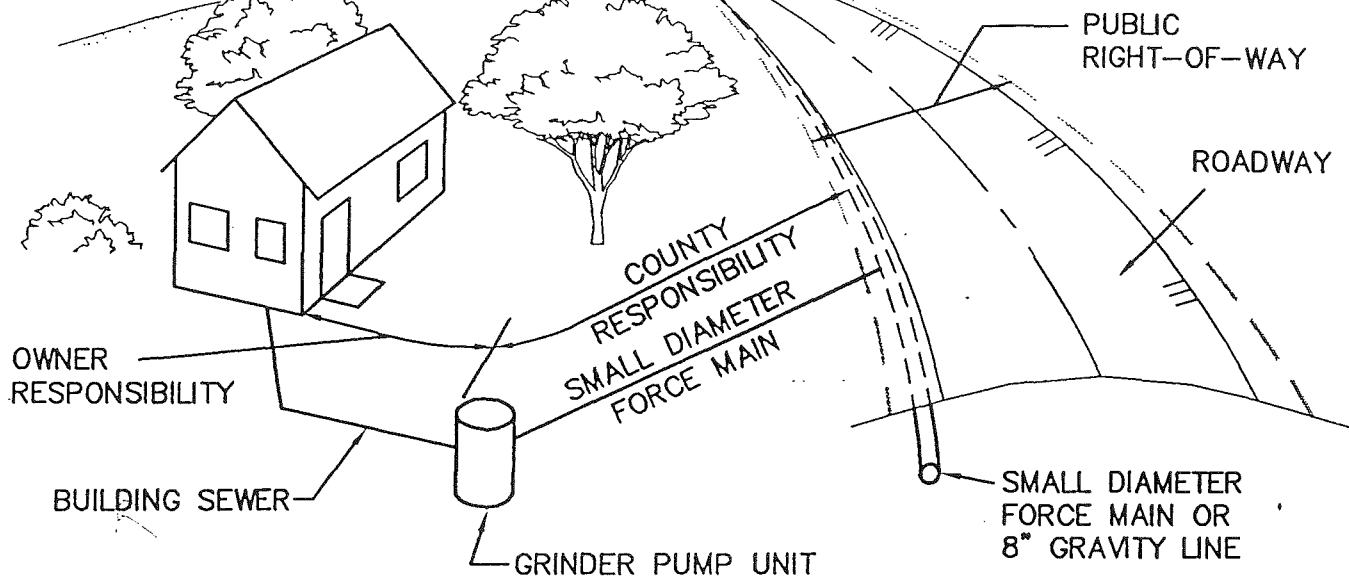
[Signature]
Commissioner

ATTEST:

[Signature]
Clerk of the Board

APPROVED AS TO FORM:

[Signature]
Deputy Prosecuting Attorney



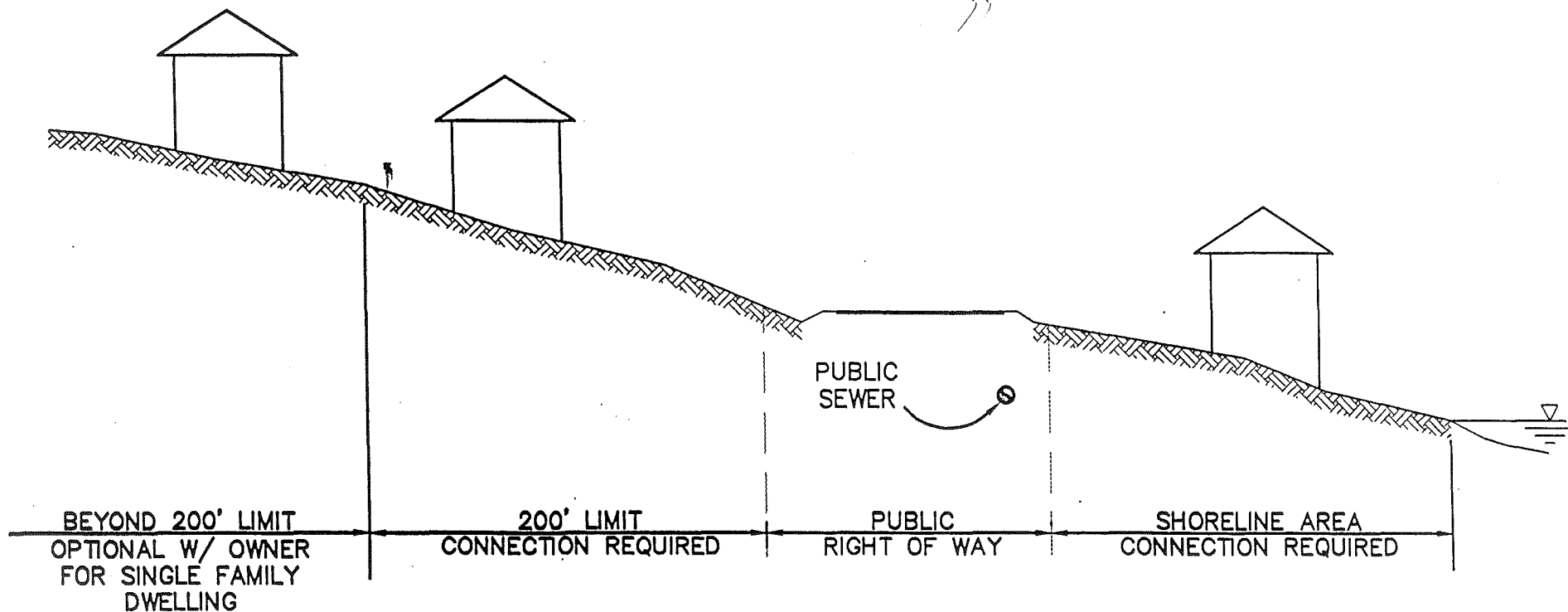
MASON COUNTY

EXHIBIT I RESPONSIBILITY FOR SEWERS




Gray & Osborne, Inc.
CONSULTING ENGINEERS

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MASON COUNTY
EXHIBIT II
PROPERTY REQUIRED TO CONNECT
TO PUBLIC SEWERS



Gray & Osborne, Inc.
CONSULTING ENGINEERS