

ORDINANCE 23-10-O

AN ORDINANCE UPDATING PART NINE, TITLE THREE OF THE CITY OF CELINA'S CODIFIED ORDINANCES BY REPEALING THE CURRENT CHAPTER 911 SEWERS GENERALLY AND REPLACING IT WITH AN UPDATED CHAPTER 911 SEWERS GENERALLY, AND DECLARING AN EMERGENCY.

WHEREAS, the City of Celina finds it necessary to address ongoing problems with grease in the Wastewater Collection System; and

WHEREAS, it is necessary to clarify ambiguities in the language of the existing Chapter 911; and

WHEREAS, the Wastewater Department has contacted food service establishments (FSE's) and held meetings to collect input from the FSE's regarding the proposed updated Chapter 911; and

WHEREAS, City Council's Utilities Committee met on May 26, 2010 to review the proposed updated Chapter 911 and has recommended its submission to the whole Council for consideration.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Celina, County of Mercer, and State of Ohio.

SECTION ONE

THAT, the current Chapter 911 is hereby repealed in its entirety and replaced by the updated Chapter 911 herewith attached as Exhibit A.

SECTION THREE

THAT this Ordinance shall be declared an emergency measure immediately necessary for the preservation of the public health, safety, and welfare, such emergency arising out of the necessity to have provisions of the updated Chapter 911 in force and in effect to immediately address grease build up problems in the City's Wastewater Collection System. NOW, therefore, this Ordinance shall take effect and be in force from and after its passage and approval by the Mayor at the earliest period allowed by law.

PASSED this 21st day of June, 2010.

Jason D. King
Jason D. King, President of Council

ATTEST:

Joan S. Wurster
Jackie L. Lacy, Clerk of Council, Interim
Joan S. Wurster

APPROVED June 21, 2010.
Sharon LaRue
Sharon LaRue, Mayor

APPROVED AS TO FORM:
Kevin M. McKirnan
Kevin M. McKirnan, City Law Director

CHAPTER 911
Sewers Generally

- 911.01 Definitions.
- 911.02 Terms and Conditions
- 911.03 Unsanitary dumping prohibited.
- 911.04 Pollution of waters prohibited.
- 911.05 Private sewage disposal system.
- 911.06 Interpretation; additional requirements.
- 911.07 Discharge of storm water and unpolluted drainage.
- 911.08 Prohibited discharge into public sewers.
- 911.09 Grease, oil and grit interceptors.
- 911.10 Standard strength sewage.
- 911.11 Pretreatment facilities.
- 911.12 Control manhole; sampling and measurement of wastes.
- 911.13 Industrial agreements.
- 911.14 Right of entry for inspections.
- 911.15 Damaging property or equipment prohibited.
- 911.16 Violators liable for damage.
- 911.99 Penalty.

CROSS REFERENCES Power to regulate water closets and privies - see Ohio R.C. 715.40
Compulsory sewer connections - see Ohio R.C. 729.06 Management and control of
sewerage system - see Ohio R.C. 729.50 Sewerage districts - see Ohio R.C. 727.44 et seq.

911.01 DEFINITIONS.

Unless the context specifically indicates otherwise, the meaning of terms in this Chapter and Chapter 917 shall be as follows:

- (a) "BOD" (biochemical oxygen demand) means the quantity of oxygen utilized in the biochemical oxidation of organic and/or nitrogenous matter under standard laboratory procedure in five days at twenty degrees centigrade.
- (b) "Building drain" means the part of the lowest horizontal piping of a drainage system which receives the discharge from sanitary, waste and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five feet outside the inner face of the building wall.
- (c) "Building sewer" means the extension from the building drain to the public sewer or other place of disposal, also referred to as house lateral.
- (d) "City" means City of Celina, Ohio.
- (e) "Cooling Water" means the unpolluted water discharge from any system of heat transfer, such as condensation, air conditioning, cooling or refrigeration.
- (f) "Combined sewer" means a sewer receiving both surface runoff and sewage.
- (g) "Director" means the Safety-Service Director of the City or his duly authorized agent.
- (h) "EPA" means United States Environmental Protection Agency (USEPA) and/or Ohio Environmental Protection Agency (OEPA).
- (i) "FSE" or "Food Service Establishment" means any facility which cuts, cooks, bakes, prepares or serves food or which disposes of food related wastes.
- (j) "Food waste or garbage grinder" means a device that shreds or grinds up solid or semi-solid waste materials into smaller portions for discharge into the sanitary sewer.
- (k) "Garbage" means solid wastes from the preparation, cooking and dispensing of food and from the handling, storage and sale of produce.
- (l) "Grease" means a group of substances including hydrocarbons, fatty acids, soaps, fats, waste oils or any other related material from animal, vegetable or petroleum sources. The aggregate term fats, oil and grease shall be considered as grease by definition.
- (m) "Grit" means a mostly inorganic, highly abrasive material found in wastewater that typically settles faster than the organic matter.

- (n) "Hauler" means one who transfers waste from the site of an owner to an approved site for disposal or treatment.
- (o) "Industrial wastes" means any solid, liquid or gaseous waste resulting from any industrial manufacturing, trade, or business process or from the development, recovery or processing of natural resources.
- (p) "Interceptor" means a device so constructed as to separate, trap and hold fats, oil, grease and grit substances from the wastewater and to prevent these substances from entering the POTW.
- (q) "MCHD" means Mercer County Health Department
- (r) "Natural outlet" means any outlet into a watercourse, pond, ditch, lake or other body of surface or ground water.
- (s) "OBC" means Ohio Building Code.
- (t) "PDI" means Plumbing and Drainage Institute.
- (u) "pH" means the logarithm to the base 10, of the reciprocal of the weight of hydrogen ions in grams per liter of solution.
- (v) "POTW" or "publicly owned treatment works" means a treatment works, which is owned or operated by the City, including any devices and systems used in the storage, collection, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature from sources inside and outside of the City. This definition also includes sewers, pipes, pump stations, canals, ditches and other conveyances if they convey wastewater to a POTW treatment plant. This term can also mean the City of Celina, which is the public authority, which owns or operates the POTW.
- (w) "Person" means any and all persons, natural or artificial including any individual firm, company, municipal or private corporation, partnership, co-partnership, joint stock company, trust, estate, association, society, institution, enterprise, governmental agency, the State of Ohio, the United States of America or other legal entity, or their legal representatives, agents, or assigns. The masculine gender includes the feminine, the singular includes the plural where indicated by the context.
- (x) "Private sewage disposal system" means any sewage disposal or treatment system or part thereof including but not limited to septic tanks or privy vaults.
- (y) "Privy" or "privy vault" means any sanitary, waterless device for the collection and storage of human excreta but does not include chemical commodes or other portable receptacles.

- (z) "Properly shredded garbage" means the wastes from the preparation, cooking, and dispensing of food that have been shredded to such degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half inch in any dimension.
- (aa) "Public Authority" means any government entity having jurisdiction.
- (bb) "Public sewer" means a sewer in which all owners of abutting properties have equal rights, and is controlled by public authority.
- (cc) "Sanitary Sewer" means a sewer which carries sewage and to which storm, surface and ground waters are not intentionally admitted.
- (dd) "Septic Tank" means any watertight, covered receptacle designed and constructed to receive the discharge of sewage from a private building sewer and to discharge the effluent.
- (ee) "Sewage" means a combination of the water carried wastes from residences, business buildings, institutions and industrial establishments, together with such ground, surface and storm waters as may be present.
- (ff) "Sewage Treatment Works" means all facilities for collecting, pumping, treating and disposing of sewage.
- (gg) "Sewer" means any pipe, conduit, ditch or other device used to collect and transport sewage or storm water from the generating source.
- (hh) "Shall" is mandatory; "may" is permissive.
- (ii) "State" means the State of Ohio.
- (jj) "Storm sewer" or "storm drain" means a sewer which carries storm and surface waters and drainage but excludes sewage and polluted industrial wastes.
- (kk) "TKN" or "Total Kjeldahl Nitrogen" means the sum of ammonia and organic nitrogen compounds which are converted to ammonia sulfate under analytical or test conditions.
- (ll) "Total Suspended Solids" or "TSS" means solids that either float on the surface of or are in suspension in water, sewage or other liquids, and which are removable by laboratory filtering.
- (mm) "Under sink or in-line grease trap" means a device, placed under or in close proximity to a sink or other fixture likely to discharge grease, whose purpose is to separate, trap or withhold oil and grease from the wastewater and to prevent these substances from entering the POTW.

- (nn) "Unpolluted water" or "unpolluted drainage" means water to which no constituent has been added either intentionally or accidentally.
- (oo) "Watercourse" means a channel in which Waters of the State flow either continuously or intermittently.

911.02 TERMS AND CONDITIONS

All terms and conditions of Chapter 911 apply to any person inside or outside the City that discharges to the Celina POTW.

911.03 UNSANITARY DUMPING PROHIBITED.

No person shall place, deposit or permit to be deposited, in an unsanitary manner upon public or private property within the City, any human or animal excrement, garbage or other objectionable waste.

911.04 POLLUTION OF WATERS PROHIBITED.

No person shall discharge into any natural outlet within the City, any sanitary sewage, industrial wastes or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this Chapter.

911.05 PRIVATE SEWAGE DISPOSAL SYSTEMS.

- (a) Except as hereinafter provided, no person shall unlawfully construct or maintain any private sewage disposal system or any other facility intended or used for the disposal of sewage.
- (b) Where a Public sanitary sewer is not available under the provisions of this Chapter; a building sewer shall be connected to a private sewage disposal system.
- (c) Before commencement of construction of a private sewage disposal system, the owner shall obtain a permit issued by the City and approval from the MCHD and OEPA.
- (d) The type, capacity, location and layout of any private sewage disposal system shall comply with all criteria developed and administered by the City.
- (e) The owner of the private sewage disposal system shall operate and maintain said system in a sanitary and environmentally safe manner at all times at no expense to the City.

- (f) No private sewage disposal system shall be permitted to discharge into any sanitary or storm sewer.
- (g) When a Public sanitary sewer becomes available to property served by a private sewage disposal system a direct connection shall be made to said sewer at the owner's expense, provided that said sewer is within 200 feet of the property line. The private sewage disposal system shall be taken out of service in accordance with criteria provided by the City.

911.06 INTERPRETATION; ADDITIONAL REQUIREMENTS.

No statement contained in Section 911.05 shall be construed to interfere with any additional requirements that may be imposed by the City.

911.07 DISCHARGE OF STORM WATER AND UNPOLLUTED DRAINAGE.

- (a) Combined sewers shall not be permitted.
- (b) No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff, subsurface drainage, cooling water or unpolluted industrial process water into any sanitary sewer.
- (c) Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers, or to a natural outlet approved by the City. Industrial cooling water or unpolluted process waters may be discharged upon approval of the City and OEPA into a storm sewer or natural outlet.
- (d) In accordance with subsection (a) and (b) hereof, all property owners are hereby required to disconnect all building downspouts and sump pump discharge lines from the sanitary sewer.
- (e) Failure to remove any downspouts and sump pump discharge lines from the sanitary sewer may result in the City discontinuing water service to premises found in violation until compliance is accomplished.
- (f) Contractors found to be violating this Chapter may have their City plumbing license revoked for a period of twelve months.

911.08 PROHIBITED DISCHARGE INTO PUBLIC SEWERS.

Prohibited discharges to public sewers are set forth in accordance with the provisions of Chapter 917. No person shall discharge or cause to be discharged into any public sewer any of the materials or substances set forth in Section 917.03 therein.

911.09 GREASE, OIL AND GRIT INTERCEPTORS.

- (a) Grease, oil and grit interceptors shall be provided when, in the opinion of the Director, they are necessary for the proper handling of liquid wastes containing grease or oil in excessive amounts or any flammable wastes, grit and other harmful ingredients, except that such interceptors shall not be required for private living quarters or for single family or multiple family dwelling units. All interceptors shall be of a type and capacity approved by the Director, who in granting or withholding approval shall take into consideration the provisions of OBC-Plumbing code Chapter 10, Sections 1003.3.1 through 1003.3.5.
- (1) Building drains conveying sanitary waste shall not be connected to the inlet side of any interceptor.
 - (2) Interceptors shall be installed in an accessible location on the building exterior. An interceptor may not be installed on the interior of any building unless approved by the Director.
 - (3) Floor drains which discharge or have the potential to discharge grease shall be connected to an interceptor.
 - (4) Where food waste grinders are installed, the waste from those units shall discharge directly to the building drain without passing through an interceptor. All other fixtures and drains receiving kitchen or food preparation wastewater such as, but not limited to, pot washing sinks, pre-rinse stations, wok stations and automatic commercial dishwashers shall pass through an interceptor. Dishwashers equipped with booster heaters and/or using water in excess of 140 degrees Fahrenheit shall not pass through any interceptor with less than a 1,000 gallon capacity.
 - (5) Food preparation sinks connected to an interceptor shall be equipped with a removable screening device to prevent passage of solids that are ½-inch or larger in size.
 - (6) Chemical treatments including, but not limited to, drain cleaners, degreasers, enzymes, acids, bases and any other chemical designed to dissolve, purge or remove grease shall be prohibited from entering any interceptor.
 - (7) Any additive intended to be placed into an interceptor or building drain on a constant, regular or scheduled basis shall have City approval prior to its use. Such additives may include, but are not limited to, commercially available bacteria or other additives designed to absorb, consume or treat fats, oils or grease.

- (b) Grease, oil and grit interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight and equipped with easily removable covers.
- (1) Interceptors shall meet the requirements contained in the OBC-Plumbing Code.
 - (2) Interceptors shall have one inlet and one outlet pipe.
 - (3) Interceptors installed on the exterior of any building shall be provided with a cast iron manhole frame and cast iron cover on each chamber to provide access for inspection, maintenance and cleaning.
 - (4) Where exposed to vehicular traffic in parking or driving areas, the interceptor shall be designed to have adequate load-bearing strength by a registered Professional Engineer, certified in the State of Ohio.
 - (5) Site plans for any additions or renovations made to existing interceptor facilities shall be submitted to the City. Site plans shall be signed and sealed by a registered Professional Engineer, certified in the State of Ohio.
 - (6) FSE's located in new buildings shall have an interceptor installed exterior to the building with a minimum capacity of 1,000 gallons and conform to Appendix A or City Design Specifications as they are amended unless a variance is granted by the Director. The maximum capacity for any interceptor installed on the building exterior shall be 3,000 gallons. For required capacities in excess of 3,000 gallons, multiple units in series shall be required.
 - (7) New FSE interceptors shall have a minimum of two compartments separated by a baffle with fittings designed for grease contact and retention and be installed and connected so that each compartment is easily accessible for inspection, cleaning and removal of the intercepted grease and/or oil and accumulated sludge and for viewing and sampling of the liquid that is discharged to the public sewer from the interceptor.
 - (8) New FSE's located in existing buildings shall comply with the requirements applicable to new constructions provided that it is feasible. Where infeasible to install an interceptor on the exterior of the building, under-sink or in-line grease traps for use on individual fixtures, including sinks and other drains that have potential to contain grease, may be allowable subject to the approval of the Director. The FSE bears the responsibility of demonstrating to the City that an interceptor installed on the exterior of any building is infeasible.
 - (9) Under-sink or in-line grease traps shall meet PDI-G101 standards as a minimum.

- (10) Existing FSE interceptors that are under-designed, substandard or defective, as determined by the Director, shall be replaced with a 1,000 gallon interceptor that conforms to Appendix A or City Design Specifications as they are amended within a period not to exceed six months of notification by the City, unless otherwise determined by the Director.
 - (11) Existing FSE under-sink or in-line grease traps that are under-designed, substandard or defective, as determined by the Director, shall be replaced with City-approved grease intercepting equipment within a period not to exceed six months of notification by the City, unless otherwise determined by the Director. New under-sink or in-line grease traps may be allowed. However, when conditions exist and where feasible to install on the exterior of the building, a 1,000 gallon interceptor that conforms to Appendix A or City Design Specifications as they are amended shall be required.
 - (12) The Director may evaluate interceptor sizing on an individual basis for facilities having unusual patterns of operations, including, but not limited to, highly variable flows to the grease interceptor, high volume of grease discharge or other special conditions.
- (c) Inspection of interceptors, under-sink traps or in-line grease traps for conformance with OBC-Plumbing Code and City requirements and other criteria required by this Chapter shall be performed by the Director in accordance with provisions set forth in Section 911.14.
- (1) Inspections may be for installations or operations.
 - (2) Inspections may be on a scheduled or unscheduled basis as determined by the Director. Nonconforming facilities shall be required to develop a plan to improve the interceptor, under-sink trap or in-line grease trap performance through increased maintenance and/or improved management practices or be required to install interceptor equipment that meets OBC-Plumbing Code and City requirements.
- (d) Where installed, all interceptors, under-sink traps or in-line grease traps shall be operated and maintained by the owner, at his expense, and shall be in continuously efficient operation at all times.
- (1) Maintenance shall include the complete removal of all contents including floating materials, liquid and solids that have accumulated on the bottom of the interceptor compartments, under-sink traps or in-line grease traps. All adhered grease should be scraped and removed during the process.
 - (2) Decanting or discharging of removed waste back into the interceptor, under-sink trap or in-line grease trap from which the waste was removed or any other interceptor, under-sink trap or in-line grease trap for the purpose of reducing

the volume to be disposed is prohibited. In no way shall the removed waste be returned to any building sewer or any portion of the POTW.

- (3) Continuously running hot water through an interceptor, under-sink trap or in-line grease trap for purposes of cleaning the interceptor, under-sink trap or in-line grease trap is prohibited. Dishwashers equipped with booster heaters and/or using water in excess of 140 degrees Fahrenheit shall not pass through any under-sink, in-line grease trap or interceptor with less than a 1,000 gallon capacity.
 - (4) All FSE interceptors shall be pumped out completely at least once every twelve weeks or as otherwise required by the Director to prevent the release of grease, oil and/or grit to the POTW. Under-sink or in-line grease traps shall be cleaned out completely at least once every four weeks or as otherwise required by the Director to prevent the release of grease, oil, and/or grit to the POTW.
 - (5) All non-FSE interceptors should be inspected every 12 weeks and pumped out completely as needed to prevent the release of grease, oil and/or grit to the POTW.
 - (6) Maintenance records shall be kept and maintained on-site by the owner for a period of not less than two years. Such maintenance records must include date, time, and name of person performing the maintenance on an under-sink or in-line grease trap or name and number of company performing interceptor service. Such maintenance records must also include invoices (or copy of original invoices) from any company performing interceptor service. The maintenance records shall be subject to review and inspection by the City when requested. The City has the right to contact any company providing interceptor service to an FSE associated with the City POTW to confirm dates of service.
 - (7) All FSE owners or their designee shall submit a completed City of Celina FSE Annual Interceptor Maintenance Report to the Celina WWTP, 1125 South Elm Street, Celina, OH 45822 by January 31st following the reporting year. The Celina FSE Annual Interceptor Maintenance Report form is available at the Celina Engineering Office, 426 West Market Street, Celina, OH 45822 or can be downloaded from the City's website www.celinaohio.org. Use of other reporting methods or report forms will not be acceptable. FSE's that have multiple interceptors or under-sink/in-line grease traps shall submit a report for each interceptor and/or trap.
 - (8) Interceptors shall be operated and maintained to meet the provisions set forth in this Chapter.
- (e) Failure to operate and maintain an interceptor that conforms with OBC requirements and other criteria required by this Chapter, failure to pump and/or clean any grease, oil or grit interceptor at the frequencies stated in this Chapter to prevent escapement

of waste to the public sewer, or failure of a FSE to submit a completed Celina FSE Annual Interceptor Maintenance Report by the deadline shall be considered a violation of this Chapter and shall be subject to the provisions set forth in Sections 911.16 and 911.99.

911.10 STANDARD STRENGTH SEWAGE.

- (a) Standard strength sewage shall be equivalent to sewage derived solely from household sources, businesses, buildings and institutions, exclusive of any industrial waste and shall have the following characteristics:
 - (1) BOD of 250 mg/l or less
 - (2) TSS of 300 mg/l or less
 - (3) TKN of 30 mg/l or less
 - (4) Total Phosphorus of 6 mg/l or less (effective December 1, 2011)

- (b) The admission into the public sewers of any waters or wastes having a BOD greater than 250 mg/l, or containing more than 300 mg/l of total suspended solids, or containing more than 30 mg/l of TKN, or containing more than 6 mg/l (effective December 1, 2011) of total phosphorus, or containing any quantity of substances having the characteristics described in Section 917.03 or having an average daily flow greater than five percent of the average daily sewage flow of the City, shall be subject to the review and approval of the Director. Where necessary, in the opinion of the Director, the owner shall provide at his expense, such preliminary treatment as may be necessary to reduce the BOD to 250 mg/l and the total suspended solids to 300 mg/l, the TKN to 30 mg/l, and the total phosphorus to 6 mg/l (effective December 1, 2011), or reduce objectionable characteristics or constituents to within the maximum limits provided for in Section 917.03 or control the quantities and rates of discharge of such waters or wastes. Plans, specifications and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for the approval of the Director and the Ohio Environmental Protection Agency. No construction of such facilities shall be commenced until such approvals are obtained in writing.

911.11 PRETREATMENT FACILITIES.

Where pretreatment facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation, by the owner at his expense, in accordance with the provisions of Chapter 917.

911.12 CONTROL MANHOLE; SAMPLING AND MEASUREMENT OF WASTES.

- (a) When required by the Director, the owner of any property served by a building sewer carrying industrial wastes shall install a suitable control manhole in the building sewer

to facilitate observation, sampling and measurement of the wastes. Such manhole, shall be accessible and safely located, and shall be constructed in accordance with the provisions set forth in Chapter 917.

- (b) All measurements, tests and analyses of the characteristics of water and wastes shall be determined, in accordance with procedures established by the EPA and contained in 40 CFR, Part 136, as amended. In the event no special manhole has been required the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected.

911.13 INDUSTRIAL AGREEMENTS.

No statement contained in Section 911.06 through 911.12 shall be construed to prevent any special agreement or arrangement between the City and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the City for treatment, subject to payment therefore by the industrial concern.

911.14 RIGHT OF ENTRY FOR INSPECTIONS.

The Director and other duly authorized employees of the City bearing proper credentials and identifications shall be permitted to enter upon all properties for the purposes of inspection, observation, measurement, sampling and testing, in accordance with the provisions of this Chapter.

911.15 DAMAGING PROPERTY OR EQUIPMENT PROHIBITED.

No unauthorized person shall maliciously, willfully or negligently damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is a part of the POTW.

911.16 VIOLATORS LIABLE FOR DAMAGE.

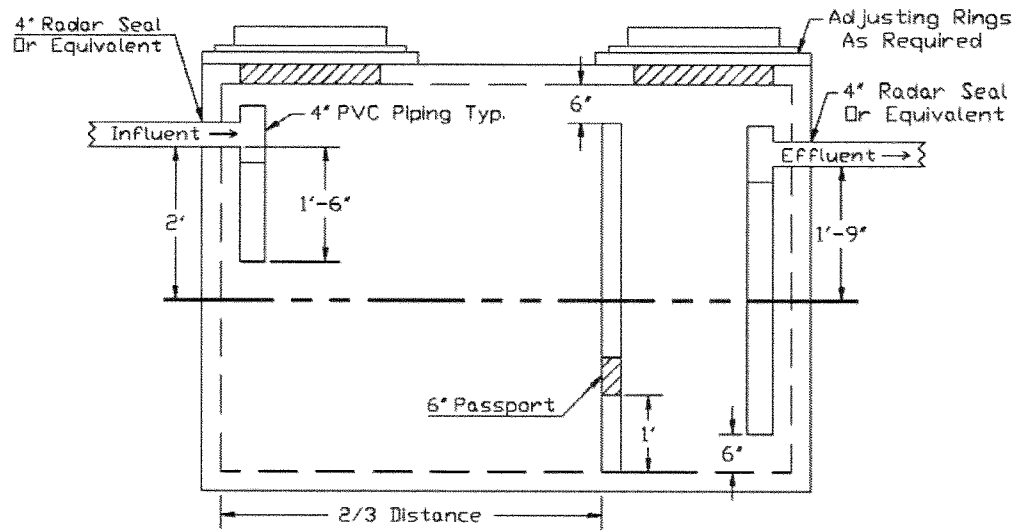
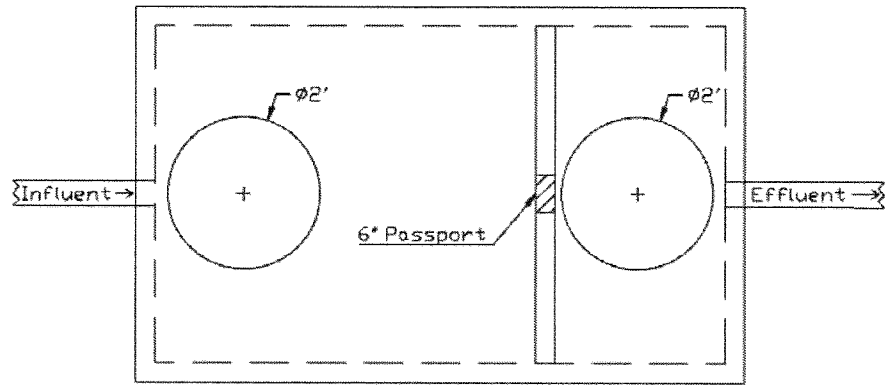
Whoever violates any of the provisions of this Chapter shall become liable to the City for any expense, loss or damage occasioned the City by reason of such violation.

911.99 PENALTY.

- (a) Any FSE who fails to pump out interceptor(s) completely and/or clean out under sink/in-line grease trap(s) completely at the frequencies stated in this Chapter shall be guilty of a minor misdemeanor each day beyond the time limit.

- (b) Any FSE who fails to submit the Celina FSE Annual Interceptor Maintenance Report by the deadline stated in this Chapter shall be guilty of a minor misdemeanor each day beyond the time limit.
- (c) Any person who violates any other provision of this Chapter shall be served by the City with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.
- (d) Any person who continues any violation beyond the time limit provided for in Subsection (c) hereof shall be guilty of a minor misdemeanor. Each day in which any such violation shall continue shall be deemed a separate offense.

APPENDIX A
1000 GALLON GREASE INTERCEPTOR



Notes:
Not To Scale
Manufacturer Responsible For Traffic/Non-Traffic Ratings