

RESOLUTION OF THE READINGTON-LEBANON SEWERAGE AUTHORITY

REGARDING SEWER USE RULES AND REGULATIONS

WHEREAS, the Readington-Lebanon Sewerage Authority has previously reviewed and/or adopted tentative drafts of the Sewer Use Rules and Regulations; and,

WHEREAS, as a result of the said review and discussion the Authority has agreed upon and does hereby adopt the attached Sewer Use Rules and Regulations in final form and for submission to the New Jersey Department of Environmental Protection for its final review and approval;

NOW THEREFORE, be it Resolved by the Readington-Lebanon Sewerage Authority that upon the receipt of the comments and/or approval of the New Jersey Department of Environmental Protection the attached Sewer Use Rules and Regulations shall be adopted as the Sewer Use Rules and Regulations of the Readington-Lebanon Sewerage Authority.

READINGTON-LEBANON SEWERAGE AUTHORITY

BY: s/James Frazee
JAMES FRAZEE, VICE CHAIRMAN

Attest:

s/Kenneth J. Garvey
KENNETH J. GARVEY, SECRETARY

Adopted at the September 22, 1982 Meeting of the Readington-Lebanon Sewerage Authority.

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READINGTON - LEBANON SEWERAGE AUTHORITY

SEWER USE RULES AND REGULATIONS

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NOW, THEREFORE, BE IT ORDAINED and enacted by the Readington-Lebanon Sewerage Authority, County of Hunterdon, State of New Jersey, as follows:

ARTICLE I. DEFINITIONS:

Section 1. Specific Definitions:

Unless the context of usage indicates otherwise, the meaning of specific terms in these Rules and Regulations shall be as follows:

"Act" shall mean the Federal Clean Water Act, as amended.

"ASTM" shall mean the American Society for Testing and Materials.

"Authority" shall mean the Readington-Lebanon Sewerage Authority or its authorized representative.

"BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen used in the biochemical oxidation of organic matter under standard laboratory procedure in five days at 20 degrees C, expressed in milligrams per liter.

"Building Sewer" shall mean the part of the service line which extends from the Inspection Riser to a point five feet (5') from the dwelling or structure.

"Collection Sewer" shall mean any collection sanitary sewers located under highways, roads, streets and rights-of-way with branch Service Laterals that collect and conveys sanitary sewage or industrial wastes or a combination of both and into which storm, surface, and ground waters or unpolluted industrial waters or liquids are not intentionally admitted.

"Chlorine Requirement" shall mean the amount of chlorine, in parts per million by weight, which must be added to sewage to produce a specific residual chlorine content, or to meet the requirements of some other objective, in accordance with procedures set forth in "Standard Methods".

"Combined Sewer" shall mean a sewer intended to receive both wastewater and storm or surface water.

READINGTON - LEBANON SEWERAGE AUTHORITY

SEWER USE RULES AND REGULATIONS

These Rules and Regulations are a part of the contract with every Customer who utilizes the sewage facilities and every such Customer, by utilizing the facilities, agrees to be bound thereby.

The following Rules and Regulations shall be and are hereby declared to be the Rules and Regulations of the Readington-Lebanon Sewerage Authority effective , by an Ordinance duly adopted by the Board of said Authority to wit: An Ordinance of the Readington-Lebanon Sewerage Authority Establishing Rules and Regulations governing the use of public and private sewers and drains, private wastewater disposal, the installation and connection of building sewers, and the discharge of water and wastes into the public sewer system and providing penalties for violations thereof.

WHEREAS, the Federal government has enacted and amended the Federal Water Pollution Control Act now known as the Federal Clean Water Act (33 U.S.C. 1150 et seq.) and the Readington-Lebanon Sewerage Authority desires to remain in compliance therewith; and,

WHEREAS, the Readington-Lebanon Sewerage Authority desires to assure that the use of the public wastewater system operated by it will conform to the best sanitary engineering practices; and,

WHEREAS, the Readington-Lebanon Sewerage Authority desires to regulate the use of the public wastewater system operated by it:

"Commercial User" (Class II) shall include any property occupied by a non-residential establishment not within the definition of an "Industrial User (Class III)", and which is connected to the wastewater facilities.

"Day" shall mean the 24 hour period beginning at 12:01 a.m.

"Easement" shall mean an acquired legal right for the specific use of land owned by others.

"EPA" shall mean the United States Environmental Protection Agency.

"Force Main" shall mean a pressure pipe located under highways, roads, streets and right-of-ways that conveys pumped sanitary sewage or industrial wastes, or a combination of both.

"Garbage" shall mean the solid animal and vegetable wastes resulting from the domestic or commercial handling, storage, dispensing, preparation, cooking, and serving of foods.

"Groundwater" shall mean water within the earth.

"Improved Property" shall mean any property within the Sewered Area upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure Sanitary Sewage or Industrial Wastes or both shall be or may be discharged.

"Industrial User" (Class III) shall mean any nonresidential user identified in Division A, B, D, E, or I of the Standard Industrial Classification Manual. Class III shall also include any user which discharges wastewater containing toxic or poisonous substances, or any substance(s) which cause(s) interference in the wastewater facilities.

"Industrial Waste or Industrial Wastewater" shall mean solid or liquid substances discharged, permitted to flow or escaping in the course of any industrial, manufacturing, trade or business process or in the course of the development, recovery or processing of natural resources, as distinct from Sanitary Sewage.

"Infiltration" shall mean ground water, runoff water or rain water which unintentionally enters the sewerage system through leaks in building sewers, service laterals, collection sewers, intercepting sewers, manholes, pumping stations or any other structure used for the conveyance of sewage.

"Inspection Riser" shall mean the area along the service line and where the lateral connects with the line running from the consumer's structure. Said point is the area where the Authority's responsibility ends and the consumer's responsibility begins. The Inspection Riser shall usually be located behind the curb abutting the street servicing the consumer's premises or within ten feet (10') of the collection line.

"Intercepting Sewer" shall mean a main sewer located under highways, roads, streets, and rights-of-way with branch collection sewers which is used essentially to receive and convey sanitary wastewater or industrial wastes or a combination of both and which is usually parallel to a natural water course and into which storm, surface and ground waters or unpolluted industrial waters or liquids are not intentionally admitted.

"Interference" shall mean inhibition or disruption of any sewer system, wastewater treatment process, sludge disposal system, or their operation, which substantially contributes to a violation of applicable discharge permits.

"May" is permissible, "shall" is mandatory.

"Natural Outlet" shall mean any outlet into a watercourse, pond, ditch, lake or any other body of surface or groundwater.

"NPDES" shall mean National Pollutant Discharge Elimination System permit program, whether administered by the EPA or by the State of New Jersey.

"Owner" shall mean the person or persons who legally own, lease, or occupy private property with wastewater facilities which discharge, or will discharge to the Authority's wastewater facilities. "Owner" shall also mean "Participant".

Inflow -

"Participants" shall mean the Township of Readington and the Borough of Lebanon.

"Person" shall mean any individual, firm, company, association, society, partnership, corporation, municipality, or other similar organization, agency, or group.

"pH" shall mean the logarithm of the reciprocal of the hydrogen ion concentration expressed in grams per liter of solution as determined by Standard Methods.

"ppm or Parts Per Million" shall mean parts per million; **"mg/l"** shall mean milligram per liter.

"Pretreatment" shall mean the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to discharge to the Readington-Lebanon Sewerage Authority wastewater facility.

"Pretreatment Standard" shall mean any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307(b) and (c) of the Act, which applies to Industrial Users.

"Properly Shredded Garbage" shall mean garbage that has been shredded to such a degree that all particles will be carried freely under flow conditions normally prevailing in the wastewater sewers, with no particle greater than $\frac{1}{2}$ inch in any dimension.

"Pumping Station" shall mean a sewage pumping or ejector station located in a sewerage collection system for the pumping or lifting of sanitary sewage or industrial wastes or a combination of both from a low elevation to a higher elevation.

"Residential User" (Class I) shall mean all premises used only for human residency and which is connected to the wastewater facilities.

"Sanitary Wastewater" shall mean wastewater discharged from the sanitary conveniences of dwellings, office buildings, industrial plants, or institutions.

"Sewage" shall mean wastewater and the terms shall be interchangeable.

"Sewer" shall mean any pipe or conduit constituting a part of the Sewerage System used or usable for sewage collection purposes and to which ground, surface and storm water is not admitted intentionally.

"Shall" is mandatory, **"may"** is permissible.

"Sludge" shall mean any discharge of water, sewage or industrial waste which, in concentration of any given constituent or in quantity of flow, exceeds for any period of longer duration than fifteen (15) minutes, more than five (5) times its average hourly concentration of flow.

"Standard Methods" shall mean the latest edition of Standard Methods for the Examination of Water and Wastewater, published by the American Public Health Association, Water Pollution Control Federation and American Water Works Association.

"State" shall mean the State of New Jersey.

"Storm Sewer" shall mean a sewer for conveying storm, surface, and other waters, which is not intended to be transported to a treatment facility.

"Surface Water" shall mean water which occurs when the rate of precipitation exceeds the rate at which water may infiltrate into the soil.

"Suspended Solids" shall mean the total suspended matter that either floats on the surface of, or is in suspension in, water or wastewater, as determined by Standard Methods.

"Toxics" shall mean any of the pollutants designated by Federal regulations pursuant to Section 307 (a)(1) of the Act.

"Wastewater" shall mean a combination of liquid and water-carried wastes from residences, commercial buildings, industries, and institutions, together with any groundwater, surface water, or storm water that may be present.

"Wastewater Facility" shall mean the combination of the wastewater sewers and treatment facilities.

"Wastewater Sewer" shall mean the structures, processes, equipment and arrangements necessary to collect and transport wastewaters to the treatment facility.

"Wastewater Treatment Facility" shall mean the structures, processes, equipment and arrangements necessary to treat and discharge wastewaters.

"WPCF" shall mean the Water Pollution Control Federation.

Section 2. General Definitions:

Unless the context of usage indicates otherwise, the meaning of terms in these Rules and Regulations and not defined in Section 1 above, shall be as defined in the Glossary: Water and Wastewater Control Engineering prepared by Joint Editorial Board of the American Public Health Association, American Society of Civil Engineers, American Water Works Association, and Water Pollution Control Federation, Copyright 1969.

ARTICLE II. GENERAL PROVISIONS:

Section 1. Purpose:

The purpose of these Rules and Regulations is to provide for the maximum possible beneficial public use of the Authority's wastewater facilities through regulation of sewer construction, sewer use, and wastewater discharges; to provide for equitable distribution of the costs of the Authority's wastewater facilities; and to provide procedures for complying with the requirements contained herein.

Section 2. Scope:

(A) The definitions of terms used in these Rules and Regulations are found in Article 1. The provisions of these Rules and Regulations shall apply to the discharge of all wastewater to facilities of the Authority. These Rules and Regulations provide for use of the Authority's wastewater facilities, regulation of sewer construction, control fo the quantity and quality of wastewater discharged, wastewater pretreatment, equitable distribution of costs, assurance that existing customers' capacity will not be preempted, approval of sewer construction plans, issuance of Wastewater Discharge Permits, minimum sewer connection standards and conditions, and penalties and other procedures in cases of violation of these Rules and Regulations.

(B) These Rules and Regulations shall apply to all persons in the area serviced by the Authority and to persons outside the area who are, by contract or agreement with the Authority, users of the Authority's wastewater sewers or wastewater treatment facilities.

Section 3. Administration:

Except as otherwise provided herein, the Authority shall administer, implement, and enforce the provisions of these Rules and Regulations.

Section 4. Notice of Violation:

Any person found in violation of these Rules and Regulations or any requirement of a permit issued hereunder, may be served with a written notice stating the nature of the violation and providing a reasonable time limit for compliance. Any such notice given shall be in writing and served in person or by registered or certified mail. The notice shall be sent to the last address of the violator known to the Authority. Where the address is unknown, service may be made upon the owner

of record of the property involved. If satisfactory action is not taken in the time allotted by the notice, Section 5 of this Article shall be implemented.

Section 5. Violations:

(A) Any person who continues to violate the discharge provisions of these Rules and Regulations beyond the time limit provided for in Section 4 above, may be charged with the violation and upon conviction thereof, shall be fined not more than \$200.00 for each day the violation continues, or may be subject to disconnection from the Authority's wastewater facilities.

(B) Each day or portion thereof a violation continues shall constitute a separate violation.

Section 6. Fees and Charges:

(A) All fees and charges payable under the provisions of these Rules and Regulations shall be paid to the Authority. Such fees and charges shall be as set forth herein or as established in the latest edition of the Authority's Wastewater User Charge Ordinance.

(B) All fees, penalties and charges collected under these Rules and Regulations and the wastewater user charge ordinance shall be used for the sole purpose of constructing, operating or maintaining the wastewater facilities of the Authority or the retirement of debt incurred for same.

(C) All fees and charges payable under the provisions of these Rules and Regulations are due and payable upon the receipt of notice of charges. Unpaid charges shall become delinquent and shall be subject to penalty and interest charges as provided for in the latest edition of the Authority's Wastewater User Charge Ordinance.

Section 7. Inspections:

(A) The Authority, bearing proper credentials and identification, shall be permitted to enter properties at any reasonable time for the purposes of inspection, observation, measurement, and sampling of the wastewater discharge to ensure that discharge to the Authority's wastewater facilities is in accordance with the provisions of these Rules and Regulations.

(B) The Authority, bearing proper credentials and identification, shall be permitted to enter all private property through which the Authority holds an easement for the purposes of inspection, observation, measurement, sampling, repair, and maintenance of any of the Authority's wastewater facilities lying within the easement. All entry and any subsequent work on the easement, shall be done in full accordance with the terms of the easement pertaining to the private property involved.

(C) While performing the necessary work on private properties referred to in Sections 7(A) and (B) above, the Authority shall observe all safety rules established by the owner or occupant of the property and applicable to the premises.

(D) During the performance on private properties of inspections, wastewater sampling, or other similar operations referred to in Sections 7(A) and (B) above, the owner and occupant shall be (1) held harmless for personal injury or death of the Authority, and the loss of or damage to Authority supplies or equipment; (2) indemnified against loss of or damage to property of the owner or occupant by the Authority; and (3) indemnified against liability claims asserted against the owner or occupant for personal injury or death of the Authority or for loss of or damage to property of the Authority except as such may be caused by negligence or failure of the owner or occupant to maintain safe conditions as required by Article VIII of these Rules and Regulations.

(E) See also Article III, Section 5.

Section 8. Vandalism:

No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is part of the Authority's wastewater facilities. Any person who violates this section shall be guilty of a misdemeanor and, upon conviction, is punishable by a fine in an amount not to exceed Two Hundred Fifty Dollars (\$250.00).

Section 9. Severability:

A finding by any court or other jurisdiction that any part or provision of these Rules and Regulations is invalid shall not affect the validity of any other part or provision of these Rules and Regulations which can be given effect without the invalid parts or provisions.

Section 10. Amendments of the Rules and Regulations:

Public notice shall be given in accordance with applicable provisions of the State of New Jersey prior to adoption of any amendments of these Rules and Regulations.

ARTICLE III: USE OF AUTHORITY'S WASTEWATER FACILITIES

Section 1. Waste Disposal:

It shall be unlawful for any person to place, deposit or permit to be deposited in any unsanitary manner on public or private property within any area under the jurisdiction of the Authority, any human or animal excrement, garbage, or other objectionable waste.

Section 2. Wastewater Discharges:

It shall be unlawful to discharge without an NPDES permit to any natural outlet within any area under the jurisdiction of the Authority. Wastewater discharges to the Authority's wastewater facilities are not authorized unless approved by the Authority in accordance with provisions of these Rules and Regulations.

Section 3. Wastewater Disposal:

Except as provided in these Rules and Regulations, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of wastewater.

Section 4. Connection to Wastewater Sewer Required:

(A) The owner of any house, building, or property which is used for human occupancy, employment, recreation, or other purposes, under the jurisdiction of these Rules and Regulations, and abutting on any street, alley, or rights-of-way in which there is or may be located a wastewater sewer connected to the treatment facility of the Authority, is required at the owner's expense to install suitable toilet facilities therein, and to connect such facilities directly to the proper sewer in accordance with the provisions of these Rules and Regulations, within one hundred twenty (120) days after the date of the official notice to do so provided that the proper wastewater sewer is within two hundred (200) feet of the structure, building or premises to be served. This section shall not apply to any person served by a privately constructed, owned, operated, and maintained wastewater sewer and wastewater treatment facility which discharges directly to a natural outlet in accordance with the provisions of these Rules and Regulations and applicable State and Federal laws.

(B) Upon notice from the Authority, each of the Participants will permit its sewer or drainage systems to be connected to the System at two predetermined metering points (one point per Participant). The Authority shall pay all costs of said two connections, including the cost of furnishing and installing adequate sewage meters. The Authority shall permit reasonable additional connections to be made to the System by any Participant, but all costs and expenses of any such additional connection, including the cost of furnishing and installing an adequate sewage meter at such connection, shall be paid by the Participant requesting such additional connection.

(C) The Authority may permit connections to the System to be made at any suitable point by Customers of the Participants, but all costs and expenses of such connection, including the cost of furnishing and installing an adequate sewage meter at such connection, shall be paid by the said Customer requesting such connection.

(D) Every connection shall include such other facilities as may be necessary to cause all sewage delivered at the said point or points of connection to be discharged into the System, and, in the case of each Participant, be so made and constructed as to discharge into the System all sewage originating in and collected by it.

Section 5. Meters, Inspections & Records:

(A) The Authority will provide, install and use meters for determining the quantity, and make tests and use other means for determining the quality and other characteristics, of all sewage which shall be delivered and discharged into the System by each of the Participants and all other users of the System, and, in accordance with sound engineering practice, shall determine such quantity, quality and characteristics. A copy of each such determination made by the Authority shall

be mailed to the Office of the Clerk of each Participant and, for all purposes of this Agreement, shall be conclusively deemed to have been made in accordance with this Article and to be correct at the expiration of twenty (20) days after such mailing unless within said period of twenty (20) days a Participant shall have filed with the Authority an objection thereto stating that such determination is incorrect and stating the changes therein which should be made in order to correct such determination. Any controversy or claim involving a Participant which shall have so filed an objection to such determination and arising out of or relating to such determination shall, upon notice given by such Participant to every other Participant which may be affected by any change in such determination and reasonable opportunity for such other Participant or Participants to be heard, be settled by arbitration, in accordance with the rules then obtaining of the American Arbitration Association, and judgment upon the award rendered may be entered in any Court having jurisdiction thereof. During the pendency of any arbitration processes, all Participants shall continue to pay the charges assessed pursuant to this Agreement.

(B) From and after the placing of the System in operation, the Authority will make and keep permanent records of the quantity, quality and other characteristics of sewage delivered and discharged into the System by each of the Participants and all other users of the System.

(C) For the purpose of determining the quantity, quality and other characteristics of any sewage which shall or may be delivered and discharged into the System by a Participant the Authority shall have the right at all reasonable times to enter upon and inspect the sewer, sanitation or drainage system of such Participant and to take normal samples under ordinary operating conditions and make tests, measurements, and analyses of sewage or other wastes in, entering or to be discharged into such sewer, sanitation or drainage system. The Authority will make and keep a record of tests, measurements and analyses of such sewage or other

wastes entering such sanitation, sewer or drainage systems, and upon the written request of any Participant will make available to such Participant the results of such tests, measurements or analyses.

(D) See also Section 3 of Article VII.

ARTICLE IV: BUILDING SEWERS AND CONNECTIONS

Section 1. Connection Permit:

(A) No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any wastewater sewer or a storm sewer without first obtaining a written permit from the Authority.

(B) There shall be three (3) classes of permits for connections to the Authority's wastewater facilities: Class I - Residential, Class II - Commercial, and Class III - Industrial. In all cases, the owner shall make application for a permit to connect to the Authority's wastewater facilities on a special form furnished by the Authority. The permit application shall be supplemented by wastewater information required to administer these Rules and Regulations. There shall be no permit or inspection fees for connection prior to the initial operation of the wastewater treatment facility. After the wastewater treatment facility is in operation the permit and inspection fees are as follows:

All connections of 6 inches or less	\$ 50.00
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Connections larger than 6 inches - to be fixed by the Authority, but not less than	\$100.00
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Permit fees for connections made to the sewer system during any calendar year after the end of the calendar year in which sewer service becomes available will be charged in accordance with the above schedule of connection fees, plus a surcharge of \$10.00 per year for each year or fraction thereof that has elapsed since the end of said calendar year, provided that the total amount of such surcharge shall not exceed	\$100.00
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(C) The Permit required by paragraph (A) of this Section shall be displayed prominently at all times during construction.

Section 2. Connection Costs:

The costs and expenses incidental to the building sewer installation and connection to the Authority wastewater facilities shall be borne by the owner. The owner shall indemnify the Authority from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

Section 3. Separate Connections Required:

A separate and independent building sewer line shall be provided for every building, except where one building stands at the rear of another or an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, court yard, or driveway, the building sewer serving the front building may be extended to the rear building and the whole considered as one building sewer. The Authority assumes no obligation or responsibility for damage caused by or resulting from any single building sewer which serves two buildings.

Section 4. Existing Building Sewers:

Existing building sewers may be used for connection of new buildings only when they are found, on examination and test by the Authority to meet the requirements of these Rules and Regulations.

Section 5. Building Sewer Design:

The size, slope, alignment, construction materials, trench excavation and backfill methods, pipe placement, jointing and testing methods used in the

construction and installation of a building sewer shall conform to the building and plumbing code or other applicable requirements of the Authority. In the absence of code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the ASTM and WPCF shall apply.

Section 6. Building Sewer Elevation:

Whenever practicable, the building sewer shall be brought to a building at an elevation below the basement floor and the interior cleanout shall be a minimum of 1 foot above the basement floor. In buildings in which any building drain is too low to permit gravity flow to the Authority's wastewater sewer, wastewater carried by such building drain shall be lifted by an approved means and discharged to a building sewer draining to the Authority sewer.

Section 7. Surface Runoff and Groundwater Drains:

(A) No person shall connect roof, foundation, areaway, parking lot, roadway, or other surface runoff or groundwater drains to any sewer which is connected to a wastewater treatment facility unless such connection is authorized in writing by the Authority.

(B) Except as provided in Section 7(A) above, roof, foundation, areaway, parking lot, roadway, or other surface runoff or groundwater drains shall discharge to natural outlets or storm sewers.

Section 8. Conformance to Applicable Codes:

(A) The connection of a building sewer into a wastewater sewer shall conform to the requirements of the building and plumbing code or other applicable requirements of the Authority, or the procedures set forth in appropriate specifications of the ASTM or the WPCF. The connections shall be made gastight and watertight and verified by proper testing. Any deviation from the prescribed procedures and materials must be approved in writing by the Authority before installation.

(B) The connection of a surface runoff or ground water drain to a storm sewer or natural outlet designed to transport surface runoff or groundwater drainage shall conform to the requirements of the applicable building code or other applicable requirements of the Authority. The connection of any such drain to a wastewater sewer under special permit as provided under Section 7(A) of this Article V shall conform to the requirements specified by the Authority as a condition of approval of such permit.

Section 9. Connection Inspection:

The applicant for a building sewer or other drainage connection permit shall notify the Authority when such sewer or drainage connection is ready for inspection prior to its connection to the Authority's facilities. Such connection and testing as deemed necessary by the Authority shall be made under the supervision of the Authority.

Section 10. Excavation Guards and Property Restoration:

Excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Authority.

Section 11. Protection of Capacity for Existing Users:

The Authority shall not issue a permit for any class of connection to the Authority's wastewater sewers or wastewater treatment facilities unless there is sufficient capacity, not legally committed to other users, in the wastewater sewers and treatment facilities to convey and adequately treat the quantity of wastewater which the requested connection will add to the system. The Authority may permit such a connection if there are legally binding commitments to provide the needed capacity.

Section 12. Specific Requirements For Building Sewers & Connections to Sewers:

Section 12.1 Size and Slope:

Building Sewers shall be no less than four inches (4") in diameter for each connection. The slope or grade of a Building Sewer when the inside diameter is four inches (4") or more, shall be no less than one-quarter inch (1/4") per foot of length and shall be downward in the direction of the flow.

Section 12.2 Type of Pipe:

Pipe used in a Building Sewer shall be one of the following types:

- (A) Cast Iron Soil Pipe - "medium" weight.
- (B) P.V.C. Pipe - Schedule "40".
- (C) Asbestos Cement Sewer Pipe - Class 3300 pipe, to a depth of twelve feet (12').

Section 12.3 Joints:

(A) Uniform bearing shall be provided along the entire length of a Building Sewer; and all joints of a Building Sewer shall be watertight and rust-proof. No cement mortar joints shall be used. When hot-poured joints are used, the trench shall be free of water.

(B) Joints in cast iron soil pipe in a Building Sewer shall be packed with oakum in the bell and spigot terminations and thereafter shall be filled with molten lead to a depth of at least one inch (1") and not be depressed more than one-eighth inch (1/8") below the rim of the hub. The lead then must be caulked in place. No paint, varnish or other coating shall be permitted on the jointing material until after the Building Sewer has been tested and approved as provided in Sub-Sections 12.10 and 12.11.

(C) Such joints may also be of the compression type, which is made using a rubber gasket. Such joint shall conform to ASTM specifications C-564-65T and shall be approved by the Authority Engineer.

(D) Joints in asbestos cement sewer pipe in a Building Sewer shall be made with sleeve couplings of the same composition as the pipe and shall be sealed with rubber rings.

Section 12.4 Existing Sewage System Cutoff:

Where an Improved Property, at the time of securing a permit under Section 1 of Article IV to connect to a Sewer, shall be served by its own sewage disposal system or device, the existing house sewer line shall be broken on the structure side of such sewage disposal system or device and attachment shall be made, with proper fittings, to continue such house sewer line, as a Building Sewer, undiminished in inside diameter but not less than those diameters specified in Section 12.1 of Article IV, to the Lateral.

Section 12.5 Trench Support:

All pipes of a Building Sewer laid in a trench must be supported properly over its entire length, as shown in the standard details.

Section 12.6 Fittings:

Fittings in a Building Sewer shall conform to the type of pipe used in construction.

Section 12.7 Changes in direction:

Changes in direction in a building sewer must be made by use of a "Y" with a riser to the ground surface.

Section 12.8 Cleanouts:

Cleanouts shall be provided on each Building Sewer and at seventy-five feet (75') intervals to permit complete rodding with a one hundred foot (100') long auger or tape. Cleanouts shall be constructed by using a "Y" fitting in the run of pipe with a forty-five degree (45 degree) bend and riser to the ground surface. The riser pipe must be provided with a standard four inch (4") screw type ferrule, with an eight inch by eight inch (8" x 8") slate laid in the sod.

Section 12.9 Inspection Risers:

Inspection risers shall be placed at the curb line or in an area designated by the Engineer. The inspection riser shall be in accordance with the attached standard details.

Section 12.10 Supervision:

At all times prior to and during the installation of Building Sewers, the materials, construction and method of installation shall be subject to the supervision and inspection of the Authority's Engineer or his designated representative. The Authority's Engineer or his representative shall observe all testing of a Building Sewer. All equipment and materials required for testing shall be furnished by the owners of the Improved Property to be connected to a Sewer.

Section 12.11 Testing and Inspections:

(A) Every Building Sewer shall be tested by filling the same with water, completely, so that every section shall be tested with not less than a ten foot (10') head of water. Water shall be kept in the Building Sewer for fifteen (15) minutes before inspection starts. If any leakage is observed, the installation shall not be approved. In the event a Building Sewer is not approved by the

Authority, a further test or tests shall be made following completion of necessary corrections. A fee of \$5.00 will be charged by the Authority for observation of each test subsequent to the initial test.

(B) No Building Sewer shall be covered until it has been inspected, tested, as provided in Sub-Sections 12.10 and 12.11 (A), and approved. If any part of a Building Sewer is covered before so being inspected, tested and approved, it shall be uncovered for inspection and tested at the cost and expense of the owner of the Improved Property to be connected to a Sewer.

Section 12.12 Processing and Filing Permit:

Prior to testing and inspection of A Building Sewer, the owner of the Improved Property to be connected to a Sewer shall exhibit to the Authority's Engineer or his representative his connection permit, in duplicate, duly signed by the plumber. Upon approval of a Building Sewer and connection, the Authority's Engineer or his representative shall insert the date of approval and sign the original and duplicate copy of the permit, and deliver an executed copy to the owner of the Improved Property. The original permit shall be filed with the Authority and retained in its official records.

Section 12.13 Defective Building Sewer:

Whenever the Authority has reason to believe any Building Sewer has become defective, such Building Sewer shall be subject to test and inspection. Defects founds upon such test and inspection, if any, shall be corrected as required by the Authority, in writing, at the cost and expense of the owner of the Improved Property served through such Building Sewer. All repairs, alterations or additions to any Building Sewer shall be made in accordance with these Rules and Regulations.

Section 12.14 Maintenance:

Every Building Sewer of any Improved Property shall be maintained in a sanitary and safe operating condition by the owner of such Improved Property.

Section 12.15 Safety Precautions:

Every excavation for a Building Sewer shall be guarded adequately with barricades and lights to protect all persons from damage and injury. Streets, sidewalks and other public property disturbed in the course of installation of a Building Sewer, shall be restored at the cost and expense of the owner of the Improved Property being connected, in a manner satisfactory to the Authority.

Section 12.16 Connections & Repairs Subsequent to Operation:

After any section of the Sewer System constructed by the Authority shall have been completed and after all units required to be connected to such section shall have been so connected and such system shall be in operation, the owner of each additional unit thereafter connected to such system shall comply, with respect to such connection, with the provisions of Article II and Article III hereof currently in effect. All repairs, alterations and additions to any Building Sewer shall be made in accordance with the Authority's Rules and Regulations currently in effect.

Section 12.17 Standard Details:

Attached hereto are the following details which are made a part of these Rules and Regulations:

- (A) Typical Sewer Trench Details
- (B) Typical Details - Inspection Riser/Clean-Out
- (C) Typical Plan for Laterals on Building Sewers
- (D) Typical Detail Riser Connection

Section 13. Persons Authorized to Do Work Relating To Connections:

(A) Any person desiring to perform plumbing work upon any Improved Property which is connected or which is to be connected to a sewer other than the person living in the dwelling, shall obtain from the Authority a permit authorizing such person to engage in such plumbing work. Such permits shall be issued only to such persons who have demonstrated by past performance to the satisfaction of the Authority, that they are qualified and capable of performing plumbing work in accordance with good plumbing practice and who have presented evidence of current registration as a plumber in the area in question. Such permits shall be issued on a yearly basis and shall be reissued from year to year by appropriate endorsement of the Authority or by issuance of a new permit, in the discretion of the Authority. Permits shall be revocable by the Authority for negligent or willful failure to comply with these Rules and Regulations. Owners, their agents, employees or independent contractors may do ditch preparation work independently of plumbing work involved upon receipt of a permit from the Authority and subject to compliance with these Rules and Regulations.

(B) Any person not possessing a permit as required under paragraph (A) shall not perform any plumbing work upon any Improved Property which is connected to a Sewer or which is to be connected to a Sewer.

(C) Any Improved Property upon which plumbing work is performed by a person not possessing the required permit under paragraph (A) will not be approved for connection to a Sewer.

ARTICLE V: MAIN EXTENSIONS

Section 1. General:

(A) The Authority and Participants may enter into Extension Agreements, from time to time, to their sewer systems, subject to the availability of an adequate capacity of the sewer system.

(B) Any person who desires to obtain any utility service from the Authority in an area in which the Authority or Participant does not have existing service mains or facilities may, as a condition precedent to his application being approved, provide for construction of the facilities necessary to provide the requested service in accordance with these Rules and Regulations. With respect to any such extension of facilities, the Authority shall have the sole and exclusive right to specify the size, type, composition and quality of the facilities, as well as their location and depth. The facilities shall likewise be constructed in accordance with plans and specifications, which shall be approved by the Authority's Consulting Engineer, and shall be subject to his final inspection and approval during the course of construction and at the completion thereof.

(C) Any facilities constructed, installed, or otherwise connected with the Authority system, pursuant to the provisions hereof, shall upon final approval and acceptance by the Consulting Engineer, become the sole and exclusive property of either the Authority or the Participant, depending on whose facilities were extended.

(D) Any application for main or facility extensions, to serve a new subdivision, housing project, industrial development, or other organized service district, may be the subject of a private contract among the Authority, Participant and the proposed developer.

Section 2 Application for Sewer Line Extension:

An application for extension of sewer lines shall be submitted and reviewed in accordance with procedures adopted by resolution of the Authority and as the same may be amended from time to time.

Section 3. Application Review Fees:

The following fees must be filed with the Authority prior to review of any application for extension of sewer lines or when the Authority is required to review sewerage plans for conceptual approval, subdivision approval, or site plan approval:

(A) Review of plans for conceptual, subdivision or site plan approval - \$75.00.

(B) Review of plans for approval of extension of sewer lines - \$1.00 per foot of extension, or \$500.00, whichever shall be the smaller amount, but not less than \$100.00.

(C) Review of plans for approval of a pumping station - \$500.00 in addition to the fee for review of sewer line extension.

(D) In all cases, if the Authority's review cost is in excess of any fee therefor paid by the applicant, the applicant shall pay such excess prior to any such time as the Authority shall approve such application for further review by other agencies.

Section 4 Approval to Construct:

Upon approval of construction plans for sewer line extensions by the Authority, Readington Township, Lebanon Borough and the New Jersey Department of Environmental Protection, and upon the issuance of a New Jersey Department of Environmental Protection construction permit, the owner or developer may begin construction in accordance with said plans upon compliance with the following:

(A) Posting of performance guarantee in an amount to be determined by the Engineer and in a form approved by the Authority attorney.

(B) Depositing with the Authority a fee to cover inspection costs in the amount of five percent (5%) of the total estimated construction cost as determined by the Engineer. If the Authority's inspection costs are in excess of any fees paid by the developer or owner, the developer or owner shall pay such excess in order to proceed with construction. If such fees paid by the developer or owner are in excess of the Authority's inspection costs, such excess shall be refunded to the developer or owner upon completion and acceptance of construction.

ARTICLE VI: CONDITIONS TO USE OF AUTHORITY'S WASTEWATER SEWERS

Section 1. Special Uses of Wastewater Sewers:

All discharges of storm water, surface water, groundwater, roof runoff, sub-surface drainage, or other waters not intended to be treated in the treatment facility shall be made to storm sewers or natural outlets designed for such discharges, except as authorized under Article IV, Section 7. Any connection, drain, or arrangement which will permit any such waters to enter any other wastewater sewer shall be deemed to be a violation of this section and these Rules and Regulations.

Section 2. Restricted Discharges:

(A) No person shall discharge or cause to be discharged to any of the Authority's wastewater facilities any of the following substances, materials, waters, or wastes:

- (1) Any unpolluted waters such as stormwater, groundwater, roof runoff, subsurface drainage or cooling water;

(2) Any liquid or vapor having a temperature higher than that stipulated hereinafter;

(3) Any water or waste which may contain soluble oil or grease or any water containing floatable fats, oils, greases or other substance that will solidify or become viscous at normal climatic conditions or impair the operation of the Authority's System;

(4) Any gasoline, benzine, naptha, fuel oil, motor oil, mineral spirits, commercial solvent or other flammable or explosive liquid, solid or gas;

(5) Any water or wastes that contain hydrogen sulphide, sulphur dioxide or nitrous oxide in quantities higher than that stipulated hereinafter;

(6) Any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, offal, plastics, wood, paunch manure, hair and fleshings, entrails, lime residues, cannery waste bulk solids, unshredded garbage, antibiotic wastes, free mineral acid, concentrated pickling wastes or plating solutions or any other solid or viscous substances capable of causing obstruction to the flow or other interference with the proper operation of the Authority's system;

(7) Any water or wastes containing toxic or poisonous substances in such concentrations as to constitute a hazard to humans or animals, or to interfere with any sewage treatment process, or to create any hazard in the receiving waters of the sewage treatment plant; *Sludge*

(8) Wastes which will cause corrosive structural damage to the System;

(9) Any waters containing suspended solids of such character and quantity that unusual provision, attention or expense is required to handle such materials at the sewage treatment plant;

(10) Any noxious or malodorous gas or substance, capable of creating a public nuisance or hazard to life or preventing entry into sewers for their maintenance, inspection and repair;

(11) Any waters containing quantities of radium, naturally occurring or artificially produced radioisotopes in excess of presently existing or subsequently accepted limits for drinking water as established by the national committee on radiation protection and measuring;

(12) Any concentrated dye wastes, spent tanning solutions, or other wastes which are highly colored, or wastes which are of unusual volume, concentration of solids or composition that may create obstruction to the flow in sewers, or other interference with the proper operation of the System or the quality of the effluent from the System;

(13) The following fixed upper limits of acceptable quantity (concentration) and characteristics of material shall apply:

A. CONCENTRATIONS:

<u>Item:</u>	<u>Concentration, mg/l</u>
ABS/L.A.S.	0.5
Acetylene Generation	
Sludge	NONE
Arsenic	0.5
Barium	4.0
Boron	1.0
Cadmium	0.2

Chlorinated	
Hydrocarbons	0.25
Chromium (total)	0.50
Chromium (trivalent)	0.044
Chromium (hexavalent)	0.0003
Chrome (total)	0.5
Copper	2.0
Cyanides	1.0
Fluoride	4.0
Grease & Soluble Oils	25.0
Hydrogen Sulphide	10.0
Iron (Total)	5.0
Lead	0.5
Manganese	0.05
Mercury	0.01
Mineral Acide (Free)	NONE
Nickel	2.0
Nitrous Oxide	10.0
Oils, Minerals	15.0
Phenolic Compounds	0.20
Phenols	2.0
Phosphorous	10.0
Selenium	0.05
Selenite	0.035
Selenate	0.760
Silver	0.5
Sulphur Dioxide	10.0
Zinc	2.0

B. CHARACTERISTICS

<u>Item</u>	<u>Limitation</u>
Temperature, max	110 °
ph-allowable range	5.5 - 9.0
Biochemical Oxygen Demand	250 ppm
Suspended Solids, Max	250 ppm
Color	200 Co. - Pt.Units

The above listed concentrations and characteristics may be altered by the Authority as required by Regulatory Agencies, Treatment or Reuse Requirements or in the event of cumulative overload of the System.

(B) The admission into the System of any water or wastes having a five-day biochemical oxygen demand (BOD₅) in excess of 250 parts per million, by weight on a twenty-four hour composit basis, or for any grab sample having a five-day BOD₅ in excess of 400 MG per liter, will be subject to review by the Authority. Where

necessary in the opinion of the Authority, the Owner shall provide and operate, at his own expense, such pretreatment as may be required to reduce the biochemical oxygen demand to meet the above requirements.

(C) The admission into the System of any waters or wastes having a suspended solids content in excess of 250 parts per million by weight on a twenty-four hour composit basis or for any grab sample having a suspended solids content in excess of 400 MG per liter, will be subject to review by the Authority. Where necessary in the opinion of the Authority pre-treatment may be required to reduce the suspended solids content to meet the above requirements.

(D) The admission into the System of any waters or wastes in volumes, or with constituents, such that the existing dilution conditions in the System would be affected to the detriment of the Authority shall be subject to review and approval of the Authority. Where necessary in the opinion of the Authority, pre-treatment or equalizing units may be required to bring constituents or volume of flow within the limits previously described or to an otherwise acceptable level, and to hold or equilibrate flows such that no peak flow conditions may hamper the operations of any unit of the System. Said equilization or holding unit shall have a capacity suitable to serve its intended purpose, and be equipped with acceptable outlet control facilities to provide flexibility in operation and accommodate changing conditions in the waste flow.

Section 3. Federal Categorical Pretreatment Standards:

(A) No person shall discharge or cause to be discharged to any wastewater facilities, wastewaters containing substances subject to an applicable Federal Categorical Pretreatment Standard promulgated by EPA in excess of the quantity prescribed in such applicable pretreatment standards except as otherwise provided in this Section. Compliance with such applicable pretreatment standards

shall be within 3 years of the date of the standard is promulgated; provided however, compliance with a categorical pretreatment standards for new sources shall be required upon promulgation.

(B) Upon application by a Class III user, the Authority shall revise any limitations on substances specified in the applicable pretreatment standards to reflect removal of the substances by the wastewater treatment facility. The revised discharge limit for specified substances shall be derived in accordance with Federal Law.

(C) Upon application by a Class III user, the Authority shall adjust any limitation on substances specified in the applicable pretreatment standards to consider factors relating to such person which are fundamentally different from factors considered by EPA during the development of the pretreatment standard. Requests for and determinations of a fundamentally different adjustment shall be in accordance with Federal Law.

(D) The Authority shall notify any Class III user affected by the provisions of this Section and establish an enforceable compliance schedule for each.

Section 4. Special Agreements:

Nothing in this Article shall be construed as preventing any special agreement or arrangement between the Authority and any user of the wastewater facilities whereby wastewater of unusual strength or character is accepted into the system and specially treated subject to any payments or user charges as may be applicable.

Section 5. Water and Energy Conservation:

The conservation of water and energy shall be encouraged by the Authority. In establishing discharge restrictions upon industrial users, it shall take into account already implemented or planned conservation steps revealed by the Class III

user. Upon request of the Authority each industrial user will provide the Authority with pertinent information showing that the quantities of substances or pollutants have not been nor will be increased as a result of the conservation steps. Upon such a showing to the satisfaction of the Authority, it shall make adjustments to discharge restrictions, which have been based on concentrations, to reflect the conservation steps.

ARTICLE VII: CLASS III INDUSTRIAL DISCHARGERS

Section 1. Information Requirements:

(A) All Class III dischargers shall file with the Authority wastewater information deemed necessary by the Authority for determination of compliance with these Rules and Regulations, the Authority's NPDES permit conditions, and State and Federal Law. Such information shall be provided by completion of a questionnaire designed and supplied by the Authority and by supplements thereto as may be necessary. Information requested in the questionnaire and designated by the discharger as confidential is subject to the conditions of confidentiality as set out in Section 1(C) of this Article.

(B) Where a person owns, operates or occupies properties designated as a Class III discharger at more than one location, separate information submittals shall be made for each location as may be required by the Authority.

(C) The Authority shall implement measures to ensure the confidentiality of information provided by a Class III discharger pursuant to these Rules and Regulations. In no event shall the Authority delegate this responsibility or disclose any claimed confidential information to any person without prior notice in writing to the owner and without providing the owner with the opportunity to protect such confidential information, including the right to seek judicial relief.

(D) In lieu of the questionnaire referred to in paragraph (A) hereof the Class III discharger shall submit the following information:

- (1) Name of Company;
- (2) Location;
- (3) Product, service or activity;
- (4) Plan showing proposed connection with description of method for flow determination and parameter monitoring;
- (5) Complete schedule of all process waters and industrial wastes produced or expected to be produced at the said property, including a description of the character of each waste, the daily volume and the maximum rates of discharge and representative analysis;
- (6) The time period for which the connection to the System has been requested. For periods other than "Indefinite", a renewal request for the discharge will be required to be submitted to the Authority at least ninety (90) days prior to the expiration of the current approval;
- (7) Such other information as requested.

Section 2. Provisions for Monitoring:

(A) When required by the Authority, the owner of any property serviced by a building sewer carrying Class III wastewater discharges shall provide suitable access and such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling and measurement of the wastewater. Such access shall be in a readily and safely accessible location and shall be provided in accordance with the plans approved by the Authority. The access shall be provided and maintained at the owner's expense so as to be safe and accessible at reasonable times.

(B) The Authority shall consider such factors as the volume and strength of discharge, rate of discharge, quantities of toxic materials in the discharge, wastewater treatment facility removal capabilities, and cost effectiveness in determining whether or not access and equipment for monitoring Class III wastewater discharges shall be required.

(C) Where the Authority determines access and equipment for monitoring or measuring Class III wastewater discharges is not practicable, reliable, or cost effective, the Authority may specify alternative methods of determining the characteristics of the wastewater discharge which will, in the Authority's judgment, provide an equitable measurement of such characteristics.

(D) See also Article III, Section 5.

Section 3. Determination of Wastewater Characteristics:

(A) Measurements, tests, and analyses of the characteristics of wastewater to which reference is made in the Rules and Regulations shall be determined in accordance with the analytical methods described in Title 40 Federal Register Part 136 issued October 16, 1973, or such alternate methods approved by the Authority and which comply with State and Federal Law. Sampling methods, locations, times, durations, and frequencies are to be determined on an individual basis subject to approval by the Authority. The discharger shall have the option to use, at his own expense, more complete sampling methods, locations, times, durations, and frequencies than specified by the Authority.

(B) Measurements, tests and analyses of the characteristics of wastewater required by the Rules and Regulations shall be performed by a qualified laboratory. When such analyses are required of a discharger, the discharger may, in lieu of using the Authority's laboratory, make arrangement with any qualified laboratory, including that of the discharger, to perform such analyses.

(C) Monitoring of wastewater characteristics necessary for determination of compliance with applicable pretreatment standards shall be conducted on the basis of the following schedule unless more frequent monitoring is required by an authority other than the Rules and Regulations, or if the Authority in its judgment, determines that the characteristics of the specific discharge warrant a different frequency monitoring.

<u>Average Actual Daily User Discharge</u>	<u>Monitoring Frequency</u>
Less than 100,000 gpd	Semi-annually
100,000 - 999,999 gpd	Quarterly
more than 999,999 gpd	Monthly

(D) Monitoring of wastewater characteristics for any purpose other than the determination of compliance with pretreatment standards shall be conducted on a frequency deemed necessary by the Authority.

(E) Upon demonstration by any person that the characteristics of the wastewater discharged by that person are consistent, the Authority may reduce the frequency as may be required by authority other than these Rules and Regulations, except in no case shall the frequency of monitoring be less than semi-annual for the determination of compliance with pretreatment standards.

(F) In determining the discharge characteristics factors such as continuous or batch operation, and seasonal operation and the information requirements of other provisions of these Rules and Regulations shall be considered by the Authority. The Authority may obtain wastewater samples as required to verify the consistency of discharge characteristics.

(G) Fees for any given measurement, test, or analysis of wastewater required by these Rules and Regulations and performed by the Authority shall be the

same for all classes of dischargers, regardless of the quantity or quality of the discharge and shall reflect only direct cost. Costs of analyses performed by an independent laboratory at the option of discharger shall be borne directly by the discharger.

Section 4. Required Notice of Change of Industrial Wastes:

Any industrial user which is connected to the Sewer System, and is discharging industrial wastes thereto, and shall change its methods of operation so as to alter the type of wastes previously discharged, shall notify the Authority ten (10) days previous to such change, so that the Authority representatives can sample the waste immediately after the change takes place and determine whether or not the new waste is injurious to the Sewer System.

Section 5. Costs of Damage:

If the drainage or discharge from any establishment causes a deposit, obstruction, or damage to any Authority's wastewater facilities, the Authority shall cause the deposit or obstruction to be promptly removed or cause the damage to be promptly repaired. The cost of such work, including materials, labor, and supervision shall be borne by the person causing such deposit, obstruction, or damage.

ARTICLE VIII: PRETREATMENT

Section 1. Wastewaters with Special Characteristics:

(A) While the Authority should initially rely upon the Federal Categorical Pretreatment Standards of Section 3 of Article V to protect wastewater facilities or receiving waters, if any wastewater which contains substances or

possesses characteristics shown to have deleterious effect upon the wastewater facilities, processes, equipment, or receiving waters, or constitutes a public nuisance or hazard, is discharged or is proposed for discharge to the wastewater sewers, the Authority may:

(1) Require pretreatment to a condition acceptable for discharge to the wastewater sewers;

(2) Require control over the quantities and rates of discharge;

(3) Require payment to cover added cost of handling and treating the wastewaters not covered by existing fees or charges;

(4) Require the development of compliance schedules to meet any applicable pretreatment requirements;

(5) Require the submission of reports necessary to assure compliance with applicable pretreatment requirements;

(6) Carry out all inspection, surveillance, and monitoring necessary to determine compliance with applicable pretreatment requirements;

(7) Obtain remedies for noncompliance by any user. Such remedies may include injunctive relief, the civil penalties specified in Article II of these Rules and Regulations or appropriate criminal penalties; or,

(8) Reject the wastewater - if scientific evidence discloses that discharge will create unreasonable hazards or have unreasonable deleterious effects on the wastewater facilities.

(B) When considering the above alternatives, the Authority shall assure that conditions of the Authority's NPDES permit are met. The Authority shall also

take into consideration cost effectiveness and the economic impact of the alternatives on the discharger. If the Authority allows the pretreatment or equalization of wastewater flows, the installation of the necessary facilities shall be subject to review. The Authority shall review and recommend any appropriate changes to the program, within 90 days of submittal.

(C) Where pretreatment or flow-equalizing facilities are provided or required for any wastewater, they shall be maintained continuously in satisfactory and effective operation at the expense of the owner.

Section 2. Compliance with Pretreatment Requirements:

Persons required to pretreat wastewater in accordance with Section 1 above, shall provide a statement, reviewed by an authorized representative of the user and certified to by a qualified person indicating whether applicable pretreatment requirements are being met on a consistent basis and, if not, describe the additional operation and maintenance or additional pretreatment required for the user to meet the pretreatment requirements. If additional pretreatment or operation and maintenance will be required to meet the pretreatment requirements, the user shall submit a plan (including schedules) to the Authority. The plan (including schedules) shall be consistent with applicable conditions of the Authority's NPDES Permit or other local, state or Federal laws.

Section 3. Monitoring Requirements:

Discharges of wastewater to the Authority's wastewater facilities from the facilities of any user shall be monitored in accordance with the provisions of Article VII, Sections 2 and 3 of these Rules and Regulations.

Section 4. Effect of Federal Law:

In the event that the Federal government promulgates a regulation for a given new or existing user in a specific industrial subcategory that establishes pre-

treatment standards or establishes that such a user is exempt from pretreatment standards, such Federal regulations shall immediately supersede Section 1(A) of this Article.

Section 5. Revision of Pretreatment Standards:

The Authority shall promptly apply for and obtain authorization from the EPA to revise discharge limitations for those substances listed in the Federal Categorical Pretreatment Standards for which consistent removal occurs in the wastewater treatment facilities of the Authority. The Authority shall not adopt or enforce discharge limitations more stringent than the requested limitations until the State or EPA acts on the application.

ARTICLE IX: WASTEWATER USER CHARGES

Section 1. Wastewater User Charges:

Charges and fees for the use of the public wastewater facilities shall be based upon the actual use of such system, or contractual obligations for a level of use in excess of current actual use.

Section 2. Determination of System Use:

(A) The use of the Authority's wastewater facilities shall be based upon actual measurement and analysis of each user's wastewater discharge, in accordance with provisions of Article VII, Sections 2 and 3, to the extent such measurement and analysis is considered by the Authority to be feasible and cost-effective.

(B) Where measurement and analysis is considered not feasible, determination of each user's use of the facilities shall be based upon the quantity of water used whether purchased from a public water utility or obtained from a private

source, or an alternative means as provided by Section (C) below.

(C) The Authority, when determining actual use of the Authority's wastewater facilities based on water use, shall consider consumptive, evaporative, or other use of water which results in a significant difference between a discharger's water use and wastewater discharge. Where appropriate, such consumptive water use may be metered to aid in determining actual use of the wastewater facilities. The meters used to measure such water uses shall be of a type and installed in a manner approved by the Authority.

ARTICLE X: MISCELLANEOUS

Section 1. Additional Rules and Regulations:

The Authority reserves the right to amend these Rules and Regulations or to adopt additional Rules and Regulations from time to time as it shall deem necessary and proper in connection with the use and operation of the Sewer System or as may be required to meet the necessary costs and expenses.

Section 2. Variance from Rules:

No officer or employee of the Authority is authorized to vary these rules without action by the Board of the Authority.

Section 3. Control of Service:

The Authority shall not be liable for a deficiency or failure of service when occasioned by an emergency or required repairs, or failure from any cause beyond control. The Authority reserves the right to restrict the use of sewer service whenever the public welfare may require it.

Section 4. Notice of Change of Ownership:

Each owner must give the Authority written notice of any change of ownership or vacation of any Improved Property, and such owner shall be responsible for all Sewer Rentals and Treatment Charges until such notice is given.

Section 5. Leaks, Stoppage or Defective Plumbing:

The Authority shall not be liable for any damage or expense occurring to any premises or within any house or building resulting from any leaks, stoppages, defective plumbing, or from any other cause whatsoever.

Section 6. Refusal of Permit for Use of Sewer System:

(A) If any person shall fail for ten (10) days, after written notice from the Authority, to remedy any unsatisfactory condition with respect to a Building Sewer, the Authority may refuse to permit such person to use the Sewer System until such unsatisfactory condition shall have been remedied to the satisfaction of the Authority.

(B) The Authority reserves the right to refuse to any person, the use of the Sewer System, or to compel the pretreatment of Industrial Wastes, in order to prevent discharge into the Sewer System of harmful wastes.

Section 7. Construction and Severability:

In the event that any provisions, section, sentence, clause or part of these Rules and Regulations shall be held to be invalid, such invalidity shall not effect or impair any remaining provision, section, sentence, clause or part of these Rules and Regulations, it being the intent of the Authority that such remainder shall be and shall remain in full force and effect.

Section 8. Effective Date:

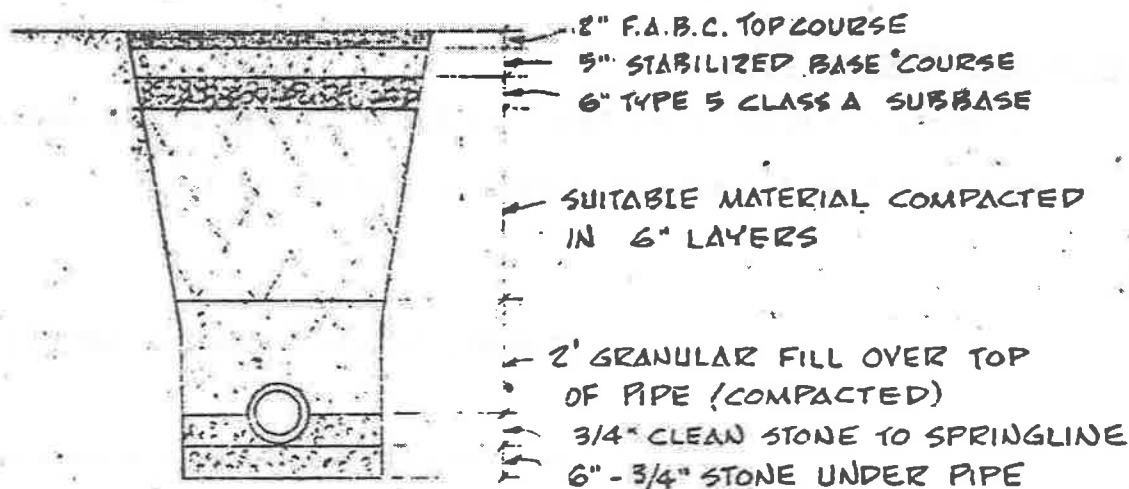
This Resolution outling the Sewer Use Rules and Regulations shall be in full force and effect from its date of passage as provided by law.

READINGTON-LEBANON SEWERAGE AUTHORITY

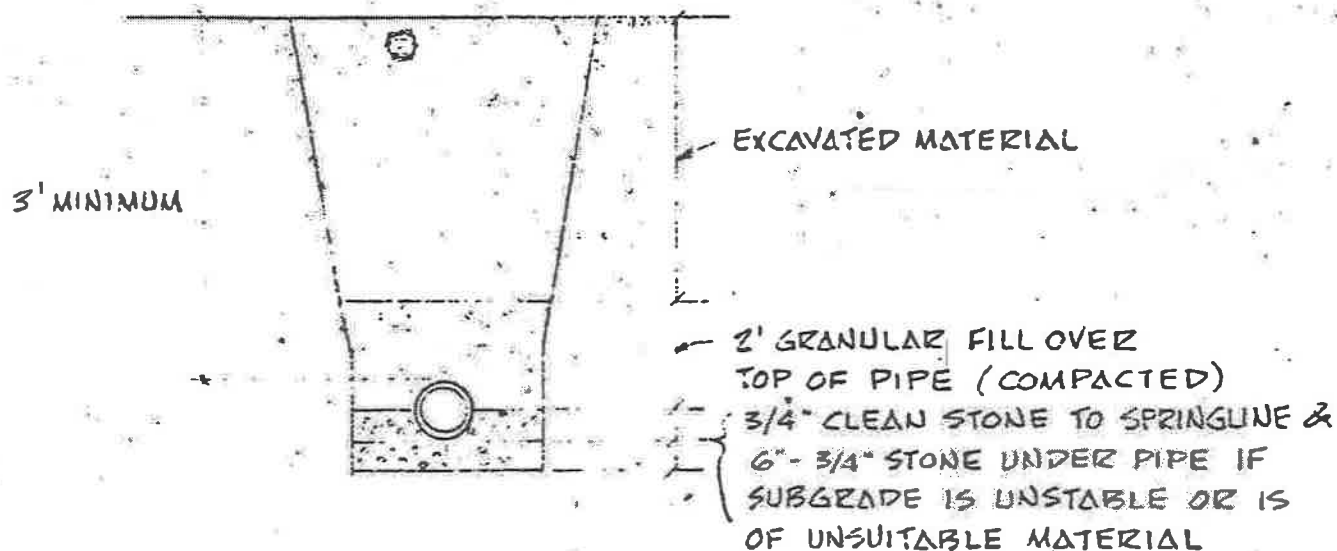
BY: _____

Secretary

ADOPTED: _____



TYPICAL SEWER LATERAL TRENCH
IN PUBLIC R.O.W.



TYPICAL BUILDING SEWER
TRENCH OUTSIDE OF
PUBLIC R.O.W.

VAN CLEEF ENGINEERING ASSOCIATES
 CONSULTING CIVIL & ENVIRONMENTAL ENGINEERS
 & LAND SURVEYORS

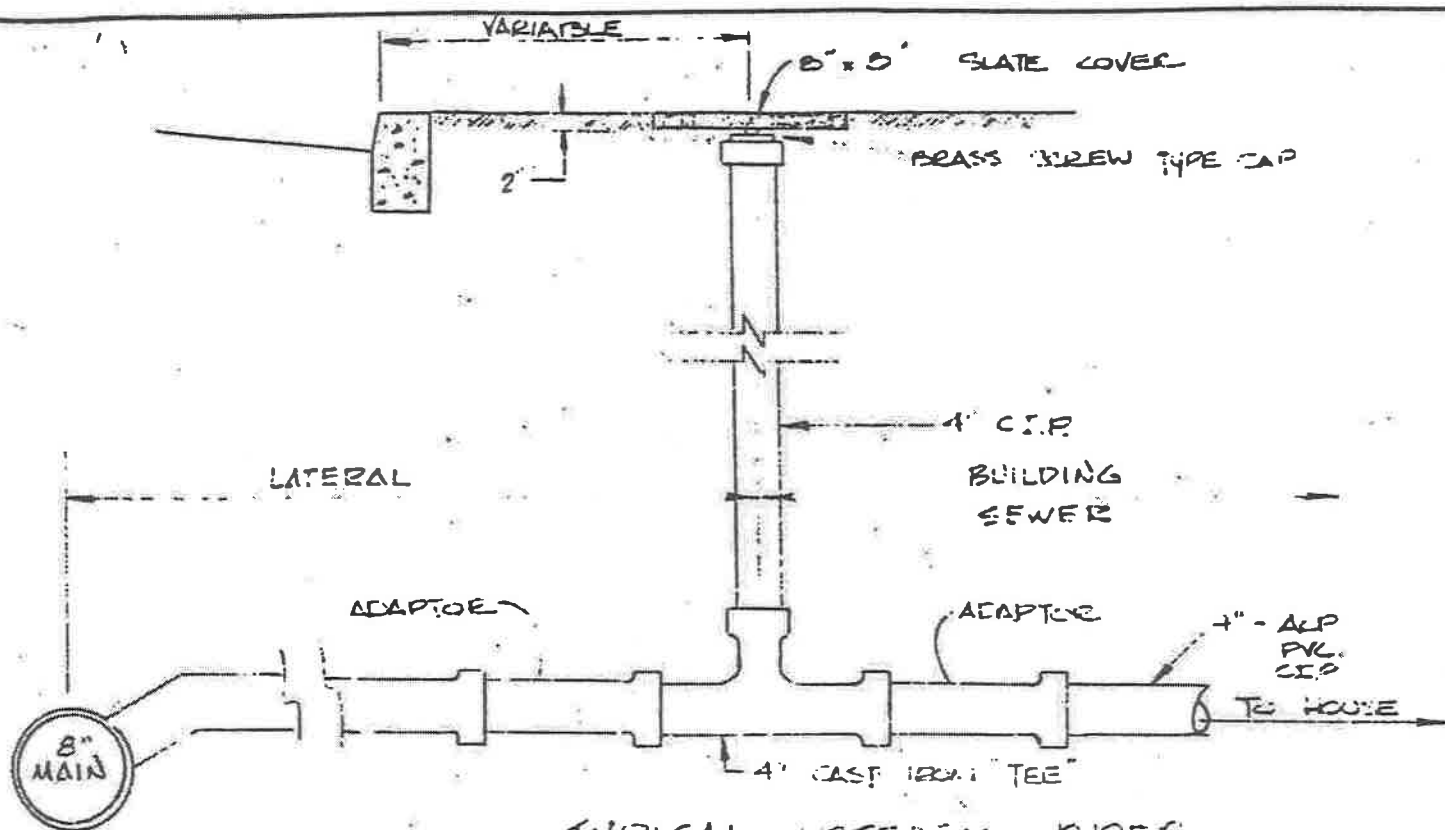
LEBANON COUNTY OFFICE
 Room 31 - R. D. 1
 Lebanon, N. J. 08833

SOMERSET COUNTY OFFICE
 Ann R. D. 1, P. O. Box 154
 Amwell Road
 Little Miami, New Jersey 08852

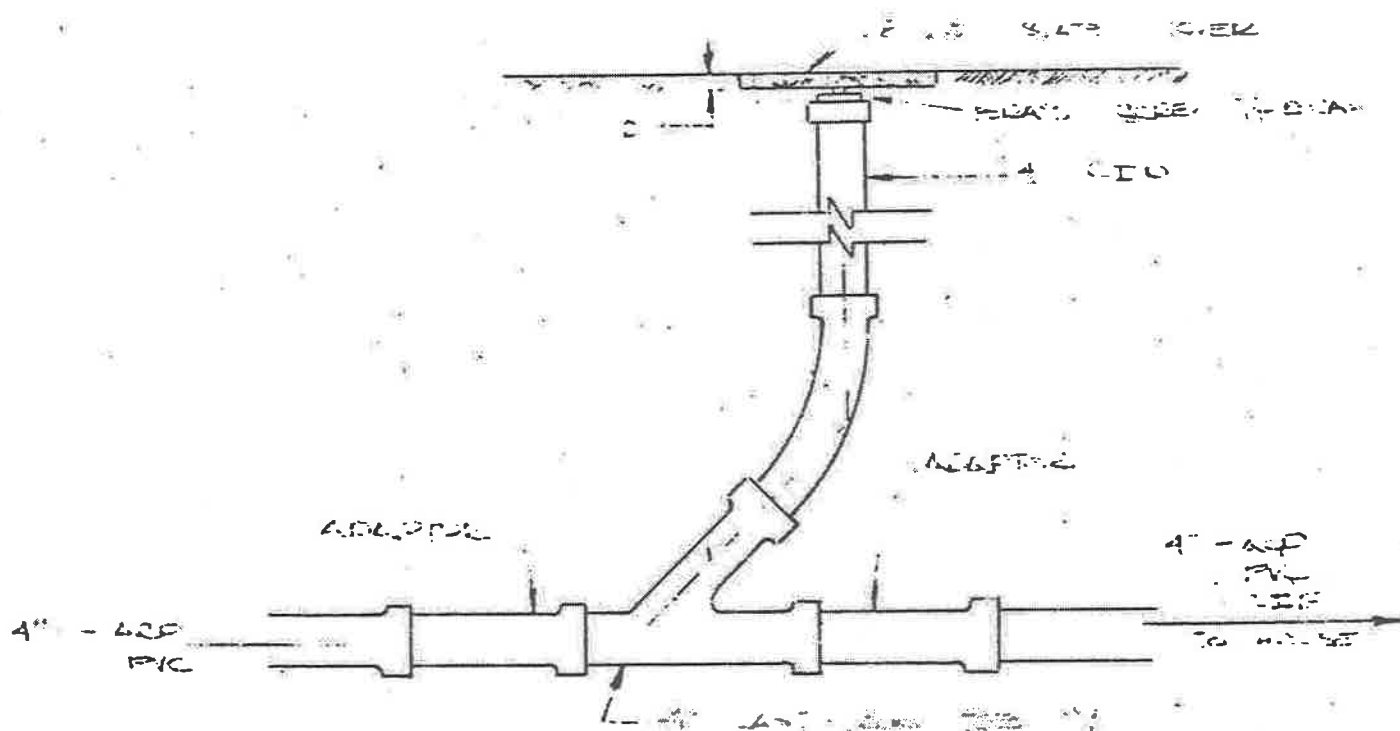
READINGTON-LEBANON
 SEWERAGE AUTHORITY
 TYPICAL SEWER
 TRENCH DETAILS

REVISIONS	AUTH	DATE	DATE
			FEB 24 1981
		SCALE	NONE
		DESIGNED BY	J. J. M.
		DRAWN BY	D. H. S.
		CHECKED BY	J. J. M.

BY: Neil I. Van Cleef
 NEIL I. VAN CLEEF
 N. J. P.E. & L.S. No. 15856



TYPICAL INSPECTION RISER



TYPICAL CLEAN OUT RISER

VAN CLEEF ENGINEERING ASSOCIATES
CONSULTING CIVIL & ENVIRONMENTAL ENGINEERS
& LAND SURVEYORS

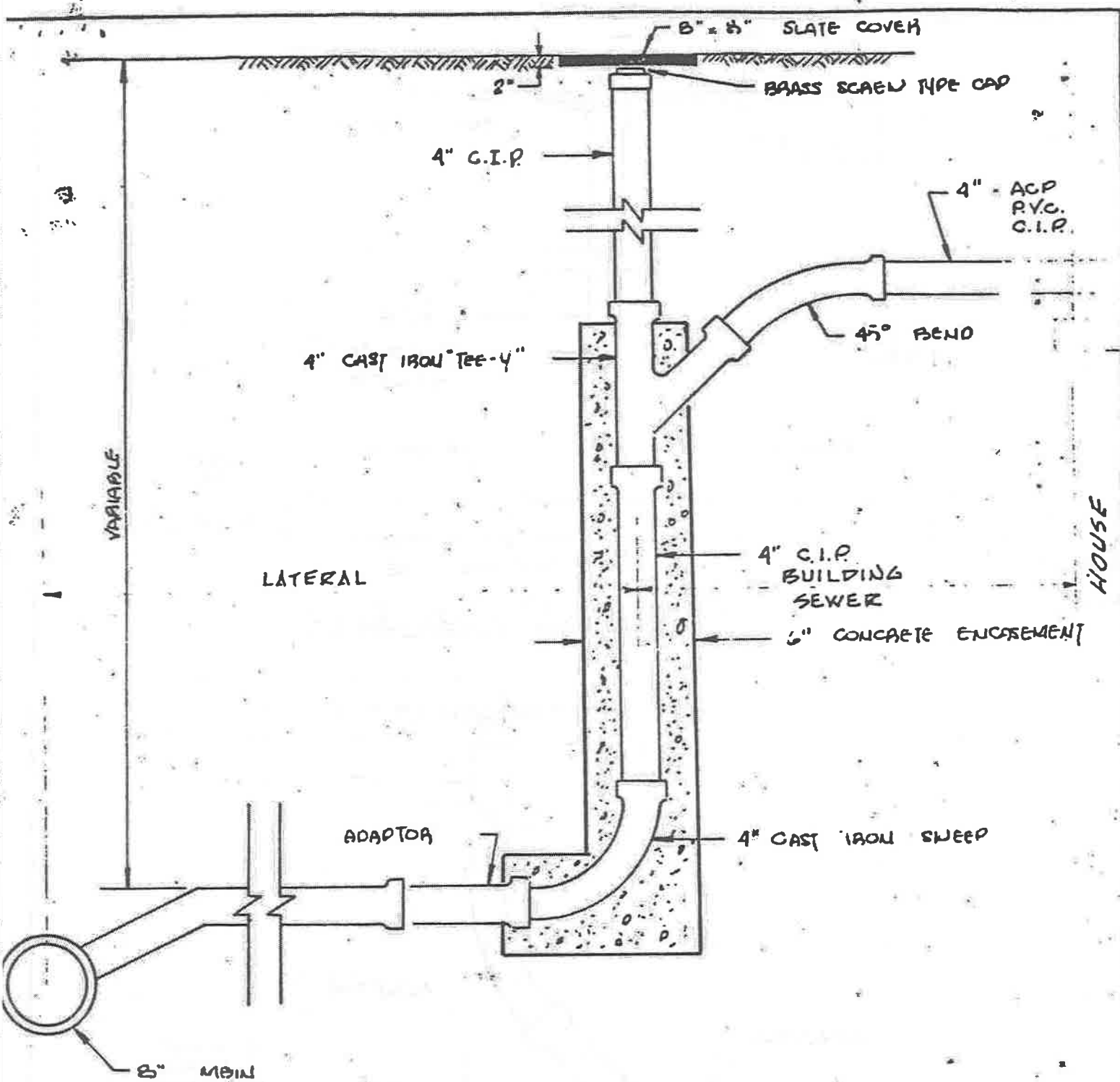
HUNTERDON COUNTY OFFICE
Box 11 - R. D. 1
Lebanon, N. J. 08531

SOMERSET COUNTY OFFICE
Box 103 - P.O. Box 104
Amesbury, N.J.
Belle Mead, New Jersey 08502

READINGTON ~ LEBANON
SEWERAGE AUTHORITY
TYPICAL DETAILS
INSPECTION RISER / CLEAN OUT

REVISIONS	AUTH	DATE	DATE
			APR 18, 1981
			SCALE 1/4" = 1'-0"
			DESIGNED BY JMC
			DRAWN BY JMC
			CHECKED BY JMC

BY: *Van Cleef*
NEW JERSEY
NO. 13856



VAN CLEEF ENGINEERING ASSOCIATES CONSULTING CIVIL & ENVIRONMENTAL ENGINEERS & LAND SURVEYORS WINTERBORN COUNTY OFFICE Box 11, R.D. 1 Lebanon, N.H. 03055				READINGTON ~ LEBANON SEWERAGE AUTHORITY TYPICAL DETAIL RISER CONNECTION			
REVISIONS	AUTH	DATE	DATE	FILE	BY: <u>Neil I. Van Cleaf</u> NEIL I. VAN CLEEF N.H. P.E. & L.S. No. 13856		
				SCALE			
				DESIGNED BY			
				DRAWN BY			
				CHECKED BY			