



THE WASHINGTON – EAST WASHINGTON JOINT AUTHORITY

SEWER USE RULES AND REGULATIONS

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August 24, 2026

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SECTION 1 – INTRODUCTION

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01.01 PURPOSE

01.01 PURPOSE

- A. This Section both introduces and sets forth the intent of the Sewer Use Rules and Regulations for the Washington-East Washington Joint Authority (hereinafter “Authority”), as follows:
1. The Authority originally adopted Rules and Regulations governing the furnishing of sewage services in June 1991. It is the intention of the Authority to amend these Rules and Regulations at any future time as needed.
 2. The Rules and Regulations, as amended, shall govern and control the furnishing of sewage services, the terms and conditions under which current and future Authority customers shall receive sewer service and, in addition, shall apply to all privately owned sewerage systems within the geographical jurisdiction of the Authority and shall be a part of each application for service and each service contract.
 3. For the purposes of construing the Rules and Regulations, the use of the singular shall include the plural and the plural the singular. Words used in the masculine gender shall include the feminine and the neuter. Words used in the present or past tense shall include the future.
 4. The provisions of the Rules and Regulations are severable. If any word, sentence, clause, section or other provision thereof is found by a court of competent jurisdiction to be unlawful and void, the remaining provisions shall nevertheless remain valid.
 5. It is the intent of these Rules and Regulations to establish construction standards that meet or exceed the provisions of the Uniform Construction Code. If any standard contained in these Rules and Regulations is determined to be less stringent than the standards provided in the Uniform Construction Code, the more stringent standard shall apply.
 6. The proper officers of the Authority are hereby authorized to take all steps, to execute all documents and to do all things necessary or proper to carry out all of the provisions set forth in these Rules and Regulations and to comply with state, county and federal

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SECTION 1 – INTRODUCTION

regulations in connection with the ownership, maintenance and operation of the sewerage system.

END OF SECTION

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SECTION 2 – DEFINITIONS

02.00 INDEX

02.01 PURPOSE

02.02 DEFINITIONS

02.01 PURPOSE

- A. This Section sets forth the definitions of the Sewer Use Rules and Regulations for the Authority.

02.02 DEFINITIONS

- A. Unless the context specifically and clearly indicates otherwise, the meaning of the terms used in the Sewer Use Rules and Regulations shall be as follows below. Any definitions, abbreviations and acronyms used in specific Sections, but not specifically defined below, shall be the same as defined in those specific Sections.
1. **ABNORMAL INDUSTRIAL WASTE** - any industrial waste having a suspended solids content or B.O.D. appreciably in excess of that normally found in municipal sewage. For the purposes of this Regulation, any industrial waste containing more than 290 parts per million of suspended solids, or having a B.O.D. in excess of 245 parts per million, shall be considered an abnormal industrial waste regardless of whether or not it contains other substances in concentrations differing appreciably from those normally found in municipal sewage.
 2. **APARTMENT BUILDING** - a building divided into three or more Dwelling Units, each without a separate entrance and having no fixtures for water usage outside the Dwelling Unit.
 3. **AUTHORITY** - the Washington – East Washington Joint Authority, Washington County, a body corporate and politic, organized and existing under the laws of the Commonwealth of Pennsylvania (also referred to as “WEWJA”).

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4. **AUTHORITIES ACT** - the Municipality Authorities Act, 53 Pa. C.S. Ch 56 (formerly the Municipality Authorities Act of 1945), as the same shall have been amended and supplemented at the time in question.
5. **BIOCHEMICAL OXYGEN DEMAND or BOD** - the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five days at 20°C., expressed in either weight (pounds per day) and concentration (milligrams per liter). The BOD shall be determined by one of the acceptable methods described in the latest edition of Standard Methods for the Examination of Water and Sewage published by the American Public Health Association.
6. **BOARD** – the Board of Directors for the Authority.
7. **CHLORINE REQUIREMENT** - the amount of chlorine, in parts per million by weight, which must be added to sewage to produce a specified residual chlorine content, or to meet the requirements of some other objective, in accordance with procedures set forth in the latest edition of Standard Methods for the Examination of Water, Sewage and Industrial Waste published by the American Public Health Association.
8. **CLEAN WATER ACT** – the Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33.U.S.C. 1251, et seq.
9. **COMMONWEALTH** – the Commonwealth of Pennsylvania
10. **CONNECTION** - a physical link between two pipes.
11. **CONNECTIONS IN DISREPAIR** - any connection, including a building lateral sanitary sewer, from a building to the public sanitary sewage facility, which fails to comply with the standards set forth in the Authority's current lateral inspection policy or which contains inflow and/or infiltration.
12. **CONVEYANCING AND/OR REFINANCING OF PREMISES** - the transferring of ownership or the refinancing of any premises by any means, but excludes the acquisition of a home equity loan or any transfer between family members by adding or deleting a parent or child's name to/from a deed or where only nominal consideration is paid.
13. **CUSTOMER** - the owner hereafter defined, contracting for and/or using sewage service for one or more premises.
14. **DOCUMENT OF CERTIFICATION** - a final or temporary official statement from the Authority stating that at the time of any inspection and/or testing conducted by the Authority there is no inflow or excessive infiltration from the premises and there are

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- no building lateral sanitary sewers or other connections in disrepair or in violation of these Rules and Regulations.
15. **DRAINAGE SYSTEM** - piping within a public or private premise that conveys sewage to a point of disposal.
 16. **DWELLING UNIT** - a building or portion thereof providing living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking or sanitation.
 17. **EPA** – the United States Environmental Protection Agency
 18. **GARBAGE** - solid waste from the preparation, cooking and dispensing of food and from the handling, storage and sale of produce. Garbage properly shredded shall mean the waste from the preparation, cooking and dispensing of food that has been shredded to such degree that all particles will be carried freely in suspension under the flow conditions normally prevailing in public sewers, with no particle greater than one-half inch in dimension.
 19. **ILLEGAL CONNECTION** - a connection in disrepair as defined in 2.08 and/or any pipe, conduit, seepage, surface or storm water, subsoil drain or other surface area which drains inflow and infiltration into the sanitary sewerage system.
 20. **INDUSTRIAL WASTE** - any liquid waste from industrial processes or commercial establishments, as distinguished from sanitary sewage.
 21. **INFLOW AND/OR INFILTRATION** - the entry by whatever means of surface or subsurface water other than sanitary sewage into the sewerage system.
 22. **LIEN LETTER** - a letter from the Authority concerning unpaid sewage charges, tapping fees, or other violations of the resolutions and/or Rules and Regulations of the Authority.
 23. **NON-RESIDENTIAL PREMISES** - any premises not used as a dwelling unit.
 24. **NPDES** - the National Pollutant Discharge Elimination System as administered by the Pennsylvania Department of Environmental Protection (PaDEP)
 25. **OWNER** - the person, firm, corporation or association having an interest as owner, whether legal or equitable, sole or partial, in any premises which is or may be furnished sewage service by the Authority.
 26. **PADEP** – the Pennsylvania Department of Environmental Protection.

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27. PARTS PER MILLION - a weight-to-weight ratio; the parts-per-million value multiplied by the factor 8.345 shall be equivalent to pounds per million gallons of water.
28. PERSON - means any individual, partnership, copartnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or their legal representatives, agents or assigns. This definition includes all Federal, State, and local governmental entities.
29. pH – a measure of the acidity or alkalinity of a solution, expressed in Standard Units. The pH shall be determined by one of the acceptable methods described in the latest edition of Standard Methods for the Examination of Water and Sewage published by the American Public Health Association.
30. PLUMBING SYSTEM - the plumbing fixtures and traps; water-treating or water-using equipment; soil, waste and vent pipes; any sewers as defined in paragraph 2.41, in addition to their respective connections, devices and appurtenances within a structure or premises.
31. PREMISES - the property, structure or area, including the improvements thereon and additions thereto, to which sewage service is or will be furnished and shall include but may not be limited to:
 - I. A building under one roof, owned or leased by one customer and occupied as one residence or one place of business, including additions thereto, or
 - II. A group or combination of buildings owned by one customer, in one common enclosure, occupied by one family or one organization, corporation or firm as a residence or place of business, or for manufacturing or industrial purposes, or as a motel, hotel, hospital, church, private school, or similar institution, except as otherwise noted herein, or
 - III. The one side of a double house having a solid vertical partition wall, or
 - IV. Each side or each part of a house or building occupied by one family even though the water closet and/or other fixtures be used in common, or
 - V. Each apartment, office, or suite of offices, and/or place of business located in a building or group of buildings, even though such buildings in a group are interconnected by a tunnel or passageway, covered area-way or patio, or by some similar means or structure, or

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- VI. A public building devoted entirely to public use, such as a municipal building, school, fire engine house, or
 - VII. A single vacant lot, or
 - VIII. A single lot or park or playground, or
 - IX. Each house in a row of houses, or
 - X. Each dwelling unit in a house or building, or
 - XI. Each individual and separate place of business and/or occupancy located in one building or group of buildings commonly designated as office complex, mall, condominium, shopping center, supermarket areas, and by such other terms, or
 - XII. Each dwelling unit in a public housing development owned and operated by the United States of America, a municipal subdivision of the Commonwealth of Pennsylvania, or an agency or instrumentality of the United States or the Commonwealth of Pennsylvania; by a philanthropic foundation or organization of some such similar body or organization; or operated under private ownership, or
 - XIII. A mobile home.
- 32. PRIVATE SEWERAGE SYSTEM - all or any portion of a sewerage system not owned by the Authority.
 - 33. RATE SCHEDULE - the entire body of effective rates, rentals, tapping fees, connection fees, customer facility fees and other charges, as published by the Authority and as amended and supplemented from time to time.
 - 34. RESIDENTIAL PREMISES - a Dwelling Unit.
 - 35. SALE OF PREMISES - a sale, acquisition, transfer, conveyance, assignment, mortgage, pledge, finance or refinance of any interest in a Premises except a distribution of real estate to a family member, a conveyance to a trust where the grantor is a beneficiary or remainder of the trust, a conveyance among family members (husband and wife, lineal ascendent and lineal descendent, children of the same parent) or between persons who were previously married but who have since been divorced.
 - 36. SANITARY SEWAGE - the normal water-carried household and toilet wastes from residences, business buildings, institutions, industries and commercial establishments exclusive of storm water runoff, surface water or ground water.

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37. **SANITARY SEWERAGE SYSTEM** - all sanitary sewers, all sewage pumping stations, all sewage treatment works and all other facilities provided and owned by the Authority for the collection, conveyance and treatment of sanitary sewage and industrial waste with their appurtenances and any additions, extensions or improvements thereto that may be made by the Authority and/or others.
38. **SEWAGE** - a combination of the water-carried wastes from residences, business buildings, institutions, commercial and industrial establishments, together with such ground, surface or stream water as may be present.
39. **SEWAGE SERVICE CONNECTION** - the connection of the sewer carrying sewage to the sanitary sewerage system.
40. **SEWAGE TREATMENT PLANT** - any arrangement of devices and structures used for treating sewage.
41. **SEWAGE WORKS** - all facilities for the collection, conveyance, pumping, treatment and disposal of sewage.
42. **SEWERAGEABLE PREMISES** - any premises abutting on or adjoining any streets, highways, roads or rights-of-way within which is constructed any portion of the sewerage or drainage system, or which is otherwise benefited, improved or accommodated thereby.
43. **SEWER CONNECTION FEE** - the fee charged to new customers connecting into the Authority's sanitary sewerage system. The Sewer Connection Fee is also commonly referred to as the "Tapping Fee".
44. **SEWER CONNECTION PERMIT** - a license issued by the Authority authorizing the connection of a premises to the sanitary sewerage system.
45. **SEWER LINE EXTENSIONS** - extensions of sewer lines beyond existing facilities excluding building sewer service connections.
46. **SEWER TYPES**
 - I. **BUILDING DRAIN** - that part of the lowest horizontal piping of a drainage system which receives the discharge from waste and other drainage pipes inside the walls of the building and conveys it to the Building Lateral Sanitary Sewer and which shall be owned and maintained by the owner. The Building Drain ends where it is connected to the Building Lateral Sanitary Sewer five feet outside the inner face of the building wall.

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- II. **BUILDING LATERAL SANITARY SEWER** - the pipe located between the building drain and the Building Sewer Tap Connection and which shall be owned and maintained by the owner. The Building Lateral Sanitary Sewer is also commonly referred to as the “Sewage Service Lateral”.
- III. **BUILDING SEWER TAP CONNECTION** - the pipe, wye's, saddles, manholes and other appurtenances located between the Building Lateral Sanitary Sewer and the public sewer and which shall be owned and maintained by the Authority.
- IV. **COMBINED SEWER** - a sewer receiving both surface or storm water runoff and sanitary sewage.
- V. **INTERCEPTING SANITARY SEWER** - a sewer into which the sewage from all main and other sewers is discharged.
- VI. **LATERAL SANITARY SEWER** - a sewer which does not receive sewage from any other common sewer.
- VII. **MAIN SANITARY SEWER** - a sewer that is a main stem or artery of the sewerage systems.
- VIII. **PUBLIC SEWER** - a sewer owned and maintained by the Authority.
- IX. **SANITARY SEWER** - a sewer which carries sanitary sewage to which storm, surface and ground water are not intentionally admitted.
- X. **STORM SEWER** - a sewer which carries storm and surface waters and drainage except sewage.
- 47. **SUB-MAIN SANITARY SEWER** - a sewer into which the sewage from two or more laterals is discharged.
- 48. **SLUG** - 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 15 minutes more than three times its average hourly concentration of flow.
- 49. **STORM WATER** – means any flow occurring during or following any form of natural precipitation and resulting therefrom.
- 50. **SUBSOIL DRAIN** - a drain that collects subsurface water or seepage water and conveys such water to a place of disposal.

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51. **SURCHARGE** - an additional rate for treatment of waste, including abnormal industrial waste, of greater strength than the concentration values established as is representative of normal sewage.
52. **SUSPENDED SOLIDS** - solids that either float on the surface of, or are in suspension in, water, sewage or other liquids, and which are removable by a laboratory filtration device. The quantity of suspended solids shall be determined by one of the acceptable methods described in the latest edition of Standard Methods for the Examination of Water and Sewage published by the American Public Health Association.
53. **TEMPORARY DOCUMENT OF CERTIFICATION** - a Document of Certification issued temporarily for a limited period of time or purpose which limitation shall be set forth therein.
54. **TENANT** - anyone occupying premises under a lease from the owner and/or occupant of premises with permission of the owner in any premise which is about to be or is being furnished sewage service by the Authority.
55. **UNITS** – the units of measurement are described below:
 - I. mg/L - Milligrams per liter
 - II. gpd - gallons per day
 - III. lb/day - pounds per day
56. **MGD** - million gallons per day
57. **UNPOLLUTED WASTE OR UNPOLLUTED WATER** - water of quality equal to or better than the effluent criteria in effect established by Federal and state regulatory agencies or water which would not be benefited by discharge to the sanitary sewers and sewage treatment facilities of the Authority.
58. **WASTEWATER** - the liquid and water carried industrial or domestic wastes from dwellings, commercial buildings, industrial facilities and institutions, together with such unpolluted water as may be present, whether treated or untreated, which is contributed into or permitted to enter the Sanitary Sewerage System.
59. **WATER CARRIED WASTE FACILITY** - any facility or drain in the building which discharges water carried waste.
60. **WATER COURSE** - a channel in which a flow of water occurs, either continuously or intermittently.

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SECTION 3 – CONDITIONS OF SERVICE

03.00 INDEX

03.01 PURPOSE

03.02 CONDITIONS OF SERVICE

03.01 PURPOSE

- A. This Section sets forth the Conditions of Service of the Sewer Use Rules and Regulations for the Authority.

03.02 CONDITIONS OF SERVICE

- A. The Authority shall have charge of the management of the sewer system and shall amend from time to time these Rules and Regulations governing the use, operation and maintenance of said sewer system.
- B. The Authority will furnish sewage service only in accordance with these Rules and Regulations as amended and supplemented. No application for service, contract, agreement or license shall be inconsistent or conflict with the Rules and Regulations.
- C. The Authority may from time to time, without notice, as it may deem necessary, alter, amend, supplement or repeal these Rules and Regulations, in whole or in part.
- D. The furnishing of sewage service may be refused if sewage flows are found or estimated to be excessive, or if the character of the sanitary wastes to be discharged are determined to be unsatisfactory.
- E. The Authority reserves the right to refuse permission to connect directly or indirectly to the sewer system, to compel discontinuance of use of the sewer system, or to compel pretreatment of sewage and industrial waste by any premises in order to prevent discharges which are deemed to be harmful or which have a deleterious effect upon any portion of the sewer system.

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- F. Maintenance and repair of the building lateral sanitary sewer, including the cost thereof, will be the responsibility of the user, customer or premises owner. No work shall be done on any building lateral sanitary sewer without prior issuance of a work permit from the Authority. All work shall be subject to inspection by Authority personnel during the performance thereof. The Authority shall have the right to do all work with respect to connections to the main sewers and charge the user, customer or property owner for the cost of such work, said work to be done in accordance with the requirements hereinafter set forth. Three days notice shall be given to the Authority prior to the commencement of any work on any building lateral sanitary sewer for which approval has been obtained from the Authority.
- G. Each premises shall be served through a separate building lateral sanitary sewer, except where physical conditions prevent the installation of a separate building lateral sanitary sewer as determined by the Authority.
 - 1. The term "physical conditions" shall apply only to such situations as relate to the plumbing layout in the premises. Any building lateral sanitary sewer, as defined herein, shall be installed in accordance with all Authority requirements relative thereto, and shall be connected only to main lines abutting the property and owned by the Authority, except as otherwise provided, such building lateral sanitary sewers to extend from the street to a straight line at right angles to the street, to the premises where possible. All proposed sewer installations must be approved by the Authority prior to installation. The use of old building sewers in connection with new buildings will be permitted only when they are found, upon examination and testing by the Authority, to meet all requirements set forth herein.
- H. Any building lateral sanitary sewer which is in disrepair as defined in Section 2.08 is hereby declared to be illegal. Upon receipt of notice from the Authority, the owner shall repair same at their own expense, within the time limits imposed herein.
- I. The Authority is required, pursuant to all Federal and State laws promulgated pursuant to the Clean Water Act of 1977 and the General Pretreatment Regulations found at 40 CFR Part 403, and specifically pursuant to the Pennsylvania Clean Streams Act, 35 P.S. 691.1, et seq., to eliminate or limit inflow and/or infiltration or the discharge of ground water, storm water runoff or other surface or subsurface waters, waste, industrial waste, large quantities of grease, or any other illegal or noxious discharge into the sanitary sewer system.
- J. Inflow and infiltration is hereby declared to be illegal and prohibited. The owner of any premises with inflow and/or infiltration shall eliminate same at the owner's cost prior to connecting the premises to the sewerage system, or if presently connected, within the time limits imposed herein.

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- K. In order to identify and eliminate existing and potential sources of discharge and the inflow or infiltration of water other than sanitary sewage from any premises into the Authority's sanitary sewer system and to preserve the hydraulic capacity of the Authority's sewer system and its facilities, the Authority shall undertake a program of systematic inspection and testing of premises receiving sanitary sewer services from the Authority. The Authority shall determine, in its discretion, which portions of its service area shall be subject to said inspections and testing, and which types of inspections and testing, as set forth in paragraph 3.15, shall be utilized.
- L. In connection with its program of systematic inspection and testing of premises as provided for in Section 3.11, the Authority shall conduct inspection and testing of any premises utilizing the procedures set forth in paragraph 3.16 herein. The inspection and testing procedures are intended to determine the overall structural condition of the building lateral sanitary sewer of any premise, as well as to identify existing and potential sources of inflow and infiltration along the length of the lateral, and/or from any other part of the premises.
- M. As a condition of continuing to receive sanitary sewage waste disposal services from the Authority, the owner of any premises to which said services are being provided shall be deemed to have consented to the inspection and testing of said premises. The failure to provide access to the premises for the purposes of inspecting and testing any premises shall constitute a violation of the within Rules and Regulations punishable pursuant to Section 12.14.
- N. The inspection and testing of any premises shall occur 1) with the consent of the premises owner; or 2) based on the implied consent of the premises owner pursuant to Paragraph 3.13; or 3) pursuant to an appropriate court order authorizing said inspection and testing.
- O. The types of inspections and testing authorized herein shall include but not be limited to:
 - 1. the inspection of inside plumbing, french drains, sump pumps, floor and other miscellaneous types of drains to determine whether or not the same are constructed in such a manner as to permit the discharge of any substance into the public sanitary sewer system;
 - 2. the inspection of outside area drains, driveway drains and roof leaders to determine whether or not any of the same are constructed in such a manner as to permit the discharge of any substance into the public sanitary sewer system;
 - 3. the inspection of stacks, building traps and clean outs to determine whether the same are present and in proper working order and otherwise comply with existing Authority Rules and Regulations; and

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4. the inspection of all building lateral sanitary sewers to determine whether or not the same have any inflow or infiltration resulting from any cause whatsoever which is not permitted under the within Rules and Regulations or any applicable Municipal Ordinance.
- P. The inspections and testing utilized by the Authority may include but not be limited to the following procedures: (i) low pressure air testing, (ii) smoke testing, (iii) dye testing, (iv) dye flooding; (v) internal television video inspection (“CCTV”) of the inside plumbing (building side of the trap), any drains and all building lateral sanitary sewers located on the premises being tested; (vi) or any other method of inspections or testing developed in the future.
1. In the case of an internal CCTV inspection, the CCTV camera shall be inserted into the building lateral sanitary sewer from either the Authority’s sewer line, the Authority’s sight tee inspection port (if available), or by way of a trap and vent assembly located on or within the premises. The Owner must provide access to the sight tee observation port and to the vented house trap assembly. If the sanitary sewer lateral does not have the required sight tee observation port and vented house trap assembly they must be provided and installed at the cost of the Owner. Failure to provide these sanitary sewer lateral features as required by the Authority’s Rules and Regulations will be considered an illegal connection.
 2. In the case of dye testing to certify the property acceptable for sale, dye testing will only be conducted by the Authority when the Owner has provided the Authority access to the sanitary sewer lateral via the sight tee observation port and the vented house trap assembly. If the sanitary sewer lateral does not have the required sight tee observation port and vented house trap assembly they must be provided and installed at the cost of the Owner. Failure to provide these sanitary sewer lateral features as required by the Authority’s Rules and Regulations will be considered an illegal connection. Dye testing of rain leaders and downspouts will only be conducted by the Authority at the point where the rain leader or downspout enters the pipe below grade. Access to this point must be provided by and at the sole cost of the Owner. The Authority will not apply testing dye into gutters or any portion of the system that is not accessible from ground level.
- Q. In determining the condition of any building lateral sanitary sewer, the Authority shall utilize the most current grading system developed by the National Association of Sewer Service Companies (NASSCO). The Authority shall designate a representative to determine the condition of any building lateral sanitary sewer according to NASSCO standards or the presence of any illegal connection on or within any premises. A condition grade of 1 to 5 shall be determined based on the existence of defects in all or a portion of the building lateral sanitary sewer. Any building lateral sanitary sewer with a condition grade of 3 or greater shall be considered to be a connection in disrepair and illegal. The repair of same by the

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premises owner is required to be made after receiving written notification by the Authority within the time limits imposed herein.

- R. A building lateral sanitary sewer determined by the Authority to have a condition grade of 3 or above shall, in the event of a sale or transfer of said property, be repaired by the premises owner prior to the time of sale. A building lateral sanitary sewer determined by the Authority to have a condition grade of 3 or above shall be repaired by the premises owner within one year of receiving notice from the Authority to repair the same. In the event of a refinancing of property determined to have a condition grade of 3 or above, the premises owner shall have one year from the date of refinancing to complete the repairs. In the event of a transfer, sale, or other conveyance of a property with a condition grade of 3 or above, the premises owner shall complete the repairs prior to the completion of the closing for the sale, transfer, or other conveyance.
- S. “Deleted”
- T. “Deleted”
- U. In addition, when the inspections and testing procedures utilized by the Authority determines that inflow and/or infiltration is emanating from any other part of any premises, the owner shall be required to make any necessary repairs or modifications to the premises to eliminate same at the owner’s expense within one year of receiving written notice from the Authority to repair or modify same, or upon transfer or refinancing of the premises, whichever first occurs.
- V. The Authority shall provide the premises owner with a written copy of the inspections and testing report. The report shall state whether or not the building lateral sanitary sewer is in compliance with the within Rules and Regulations, and/or whether there exists on the premises any illegal connection.
- W. In the event that any premises owner does not agree with the findings contained in the inspections and testing report, the premises owner may request that the findings be reviewed by the Board of the Authority.
- X. Any repair techniques utilized by the owner of any premises shall comply with these Rules and Regulations.

END OF SECTION

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SECTION 4 – APPLICATIONS AND CONTRACTS FOR CONNECTIONS AND SERVICE

04.00 INDEX

04.01 PURPOSE

04.02 APPLICATIONS AND CONTRACTS FOR CONNECTIONS AND SERVICE

04.01 PURPOSE

- A. This Section sets forth the Applications and Contracts for Connections and Service of the Sewer Use Rules and Regulations for the Authority.

04.02 APPLICATIONS AND CONTRACTS FOR CONNECTIONS AND SERVICE

- A. Every owner of any sewerageable premises within the Authority service area is required to connect to the Authority's sewer system at the expense of said owner, in accordance with applicable Municipal Ordinances
- B. Owners of premises already existing at the time of construction of any portion of the sewerage system and which is benefited, improved or accommodated thereby, shall provide for the discharge of all sewage therefrom into said system. At such time as the sewerage system is ready to accept sewage from existing premises, the owners thereof will be notified by the Authority. Connection of such premises to the sewerage system shall then be made within the time limits and under the terms and conditions set forth herein.
- C. All premises shall be connected to the sewerage system before the same may be used or occupied.
- D. In the event a building lateral sanitary sewer from any premises to the sewerage system is not provided by the Owner as and when required, the Authority may construct or install the same or cause the same to be constructed or installed and collect the cost thereof, including penalties and costs of collection, from the Owner(s) by the filing of a municipal claim or by appropriate legal proceeding.

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- E. No construction of any building lateral sanitary sewer shall be made in the service area without first obtaining a sewer connection permit.
- F. For proposed buildings which can be served by the sewerage system, a sewer connection permit from the Authority, as well as any required permit or approval from any other applicable governmental entity, shall be obtained prior to receiving a building permit, and no building permit will be issued until this requirement is met.
- G. No officer, official or employee of any municipality served by WEWJA shall issue or cause to be issued a building permit to any person, corporation or other entity without having first ascertained that the sewer connection permits or approvals referred to in Section 4.06 have been obtained.
- H. In the event any owner or developer of land contends that the premises cannot be served by the sewerage system, the owner or developer shall notify the Authority in writing to this effect prior to any building permit being issued and shall also file with the Municipality a permit from the Municipality's Sewage Enforcement Officer and/or the Department of Environmental Protection to otherwise dispose of the sanitary sewage.
- I. In the event the Authority shall refuse for any reason to issue a sewer connection permit, the Authority shall notify within ten (10) days the owner or developer, as well as the Municipality, in writing, setting forth the reasons for such refusal.
- J. For any premises which can be served by the sewerage system, a sewer connection permit shall be obtained prior to starting any construction of the building lateral sanitary sewer.
- K. All sewer lines constructed within the service area, including any building lateral sanitary sewers, shall comply with these Rules and Regulations.
- L. Every Owner of a premises who hereafter applies for and receives a sewer connection permit from the Authority will pay to the Authority for such permit such amount as required by the Authority, as well as any other amount required by any other applicable governmental entity.
- M. A written application for a sewer connection permit prepared in the form of a Sewer Connection Permit Application furnished by the Authority, together with the application fee, shall be submitted to the Authority for the purpose of requesting a connection to the sanitary sewerage system. A separate application shall be required for each premise or group of premises where an individual sewer service line connection is permitted in accordance with these Rules and Regulations. Said application shall be subject to such service connection fees and charges currently in effect which are payable in advance for each of the respective service areas, which application, together with the Rates and Rules and Regulations of the Authority, shall regulate and control the service to such premises. Said application shall be

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submitted at least one month, or such shorter time as the Authority may require, before the connection is required. Each application shall be signed by the owner of the premises or his duly authorized agent. The construction of building sewers shall be in accordance with the requirements hereinafter set forth.

- N. A sewer connection permit application is considered a written request for a sewer service connection and must be approved by the Authority or its authorized agent. No application shall be approved until the applicant pays all required fees and complies with these Rules and Regulations. Furthermore, no application shall be approved until all required easements have been recorded. Where the proposed building lateral sanitary sewer must traverse through private property, or through an adjacent parcel under the same ownership as the property receiving the building lateral sanitary sewer, a recorded easement shall be provided.
- O. The approved sewer connection permit application shall be a contract between the owner and the Authority, and shall be binding upon the heirs, successor and assigns of the owner. Charges for sewer service shall commence from the date that sewer service is available to the premises.
- P. To the extent permitted by law, no agreement will be entered into by the Authority with any owner for sewage service until all charges for service and any other charges due by the owner at any premises now or theretofore owned by him shall have been paid or until satisfactory arrangements for payment of such unpaid bills shall have been made.
- Q. All contracts for sewage service shall continue in force until notice is given by the Owner or the Authority of a desire to terminate the contract.
- R. All contracts for sewage service shall be subject to such changes or other modifications as may be directed by action of the Legislature of the Commonwealth of Pennsylvania or a regulatory body.
- S. Two or more parties who join in the application for service shall be jointly and severally liable, provided, however, that irrespective of the number of persons liable for payment the Authority need only prepare and submit a single bill.
- T. In connection with a change in service, any customer making any material change in size, character or extent of equipment or operations utilizing sewage service, or whose change in operations results in a substantial increase in the flow of sewage or industrial waste, shall immediately give the Authority written notice of the nature of the change and, if necessary, amend their application.

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- U. Sewage service will be renewed under a proper application when the conditions under which such service was discontinued are corrected, and upon the payment of all charges due from the applicant.
- V. The piping, plumbing and fixtures on the premise of a customer are assumed to be in satisfactory condition at the time service facilities are connected and service furnished. The Authority will not be liable in any case for any accidents, breaks or leakage that in any way are due to the connection to the premises. The Authority may terminate such service if the plumbing and sanitary drainage system is not in accordance with the Rules and Regulations and ordinances of the Municipality.
- W. It shall be unlawful and a violation of these Rules and Regulations for any person to effect a Sale of Premises (as defined under Section 2.30) with respect to any premises presently receiving sewer services or otherwise served by the Sewer System of the Authority without first obtaining a No-Lien Letter and a Document of Certification or a Temporary Document of Certification (as defined under Sections 2.11 and 2.16, respectively).
- X. Prior to the conveyance and/or refinancing of any premises receiving sewage service provided by the Authority, the owner of such premises shall submit an application for a No-Lien letter in the form attached in Appendix A requesting the amount due for current sewage service to the date of the closing, and/or the amount of any other delinquent charges and/or the existence of any sewage liens upon such premises. Such written request shall include the written consent of the owner for the Authority to inspect and/or test the plumbing system servicing the premises prior to the closing.
- Y. If the written request for a No-Lien letter is provided to the Authority at least fourteen (14) business days prior to the scheduled closing, such No-Lien letter shall be given by the Authority to the owner of such premises, or the designated agent, no later than three (3) business days prior to the date of closing.
- Z. Upon the receipt of the request for a No-Lien letter, the Authority, within ten (10) business days of the receipt of such request, shall inspect and/or test the premises for the presence of any illegal connection, unless the premises has been inspected and/or tested within the preceding five years. The Authority shall conduct the types of inspections and testing which are set forth in paragraph 3.15 of the within Rules and Regulations. The total cost of said inspections and/or testing shall be borne by the seller.
- AA. If no illegal connection is discovered as a result of the inspections and/or testing conducted by the Authority, the Authority shall issue a Document of Certification.

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- BB. If one or more illegal connections are discovered by the inspections and/or testing conducted by the Authority, the Document of Certification will not be issued by the Authority until such illegal connections are eliminated and certification of such is provided by the owner.
- CC. The Authority shall provide the premises owner with a written copy of the inspection and/or testing report. The report shall state whether or not the building lateral sanitary sewer is in compliance with the within Rules and Regulations, and/or whether there exists on the premises any illegal connection.
- DD. In the event that any premises owner does not agree with the findings contained in the inspections and testing report, the premises owner may request that the findings be reviewed by the Board of the Authority.
- EE. A temporary document of certification may be issued at the sole discretion of the Authority when an illegal connection is discovered and the necessary remedial activities to correct such illegal connection would require a length of time such as to create a practical hardship for the owner.
- FF. In this situation, the owner may request in writing the Authority to issue a Temporary Document of Certification, which may only be issued when the owner provides the Authority with all of the following:
1. A bona fide, executed contract between owner of the premises and a registered plumber or an approved contractor to complete the necessary remedial work with the Authority herein as a third-party beneficiary.
 2. Cash security in the amount of said contract is posted with the Authority.
 3. The contract required in paragraph (1) shall be reviewed by the Authority's consulting engineer to ensure that the work proposed is adequate to correct any violation of the within Rules and Regulations, the cost of same to be paid by the owner.
 4. An agreement by the purchaser to be responsible for all cost overruns related to the remedial work, together with a license by purchaser to enter upon the property to complete work in case of default of the contractor.
- GG. The Temporary Document of Certification shall include an expiration date, agreed to by the Authority, and at the expiration date and time the security shall be forfeited, and the Washington – East Washington Joint Authority may use the security to have the necessary remedial work completed.

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- HH. Any repair techniques utilized by the owner of any premises shall comply with the Authority's Rules and Regulations.
- II. At the time of the closing, sewage service provided to such premises by the Authority shall be the responsibility of the Purchaser of the property.
- JJ. The Seller, or the designated agent listing such property for sale, shall, at the time of closing or before, present both the No-Lien Letter and the Document of Certification, and/or the Temporary Document of Certification, to the appropriate closing officer and all amounts due to the Authority for sewage service provided prior to the time of the closing shall be paid at the closing.
- KK. Upon the correction or repair of any illegal connection, a Document of Certification shall be issued by the Authority for the premises.
- LL. Individual units within a condominium complex may not be sold without individual Certification.
- MM. Upon the sale of multiple-unit premises, the Authority may inspect a sufficient number of units which the Authority determines, in its discretion, is necessary to determine compliance with these Rules and Regulations.
- NN. The Authority shall determine from time to time the fee required to obtain a Document of Certification and No-Lien Letter.
- OO. Each Document of Certification or Temporary Document of Certification shall be valid for a period of five (5) years.

END OF SECTION

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SECTION 5 – BUILDING LATERAL SANITARY SEWER AND TAP CONNECTIONS

05.00 INDEX

05.01 PURPOSE

05.02 BUILDING LATERAL SANITARY SEWER AND TAP CONNECTIONS

05.01 PURPOSE

- A. This Section sets forth the Building Lateral Sanitary Sewer and Tap Connections requirements of the Sewer Use Rules and Regulations for the Authority.

05.02 BUILDING LATERAL SANITARY SEWER AND TAP CONNECTIONS

- A. No unauthorized person shall uncover or make any connections with or openings into, use, alter or disturb any sewer owned by the Authority without first having obtained written permission from an authorized official. Permission to use the building lateral sanitary sewer will not be granted until after an inspection has been made of the installation and a determination made that said building lateral sanitary sewer and/or building drain have been constructed to exclude all storm water, downspout, subsoil drains and such other illegal connections, and all industrial wastes prohibited herein are excluded. The types of inspections and testing which the Authority may conduct are set forth in Sections 3.15 (b), (c) and (d) and the procedures which the Authority may utilize are set forth in 3.16.
- B. All systems, other than those owned by the Authority, shall be subject to the regulations set forth herein or to regulations establishing higher standards.
- C. All costs and expenses incidental to the installation and connection of the building lateral sanitary sewer shall be borne by the owner. The owner shall indemnify the Authority from any loss or damage that may directly or indirectly be caused by the installation of the building lateral sanitary sewer. All costs and expenses incident to maintenance, repair, replacement and other work in connection with building lateral sanitary sewers shall be borne by the owner.

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- D. All work relating to the installation of sewer tap connections and/or building lateral sanitary sewers shall be performed by the Authority or the owner as the Authority shall determine, but in either case, at the cost of the owner.
- E. All work in public streets, roads, alleys, rights-of-way, and other property shall be approved by the governing agency controlling such areas and the Authority reserves the right to do all work with respect to connection to the main sewer and bill the owner for such work.
- F. The use of existing building lateral sanitary sewers in connection with new structures erected upon any premises will be permitted only when they are found, upon examination and testing by the Authority or persons approved by the Authority or agencies, to meet all requirements set forth herein. When existing septic tanks or other private sewage disposal systems are being abandoned the Authority will require the owner to demonstrate all interior plumbing is watertight and free of extraneous water from foundation drains or any other nonconforming use. Furthermore, the abandonment of septic tanks, or other hollow leaching structures, shall be performed in such a manner as to eliminate the danger of structure collapse in the future. The responsibility for abandonment shall be with the premises owner. When structures are abandoned, the premises owner shall take steps to have a licensed waste hauler empty the chamber of all septage wastes, cave in or remove the lid, drill holes in the bottom of the tank to permit the exit of surface water infiltration, and fill the tank with suitable materials such as soil, gravel, sand or rock, thereby restoring the original grade of the ground surface. The premises owner may also desire to break up the top, bottom and sides of the tank as much as possible and then backfill the excavation to the ground surface with suitable material. The proper abandonment of all septic tanks must be verified by the Authority.
- G. The drainage system of every premises shall be separately and independently connected to the main sewer. Where one premises exists or is erected in the rear of another having common ownership, and no private sewer is available or can be constructed to the rear premises through an adjoining alley, court yard, or driveway, the building lateral sanitary sewer from the front premises may be extended to the rear premises and the whole considered as one building lateral sanitary sewer.
- H. The plumbing system serving the premises shall be designed and constructed in accordance with the Uniform Construction Code as modified by the Authority, insofar as said code does not conflict with the requirements hereinafter set forth. Said requirements shall govern and shall control the design and construction of the plumbing system except in matters where said requirements are silent.
- I. All sewers below floors of premises and 5 feet outside the premises shall be Schedule 40 Polyvinyl Chloride (PVC) or Acrylonitrile Butadiene Styrene (ABS). Co-mingling of PVC and ABS is prohibited. A running trap with vent shall be installed at the end of the building

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SECTION 5 – BUILDING LATERAL SANITARY SEWER AND TAP CONNECTIONS

drain. Vents shall be installed 6” above grade to prevent the inflow of water into the sewer line and may not be located in driveways or other impervious surfaces.

- J. Adaptors from building drains to the building lateral sanitary sewer or building sewer tap connection shall be approved adaptors, shielded and with stainless steel banding clamps with 3000-psi concrete encasement such as donuts or couplings by Calder or Fernco Inc.
- K. Building lateral sanitary sewers may be constructed of the same material as used in the public sewer system.

1. DUCTILE IRON PIPE

- I. All ductile iron pipe shall have an ultimate tensile strength of 60,000 pounds per square inch (psi) minimum, a yield point of 42,000 psi minimum and an elongation of 10 percent minimum. Ductile iron pipe shall be manufactured in accordance with ANSI Specification A21.51 and A21.50, AWWA C151 and H3, latest edition.
- II. All ductile pipe shall be Class 50, unless the Plans call for another class, and double cement lined conforming to ANSI A21.4.
- III. Joints shall be "push-on" type joints, as shown on Plans or specifically called for.
- IV. Push-on joints shall be in accordance with ANSI A21.4.
- V. Fittings may be of ductile iron with a pressure rating of 250 p.s.i.

VI. POLYVINYL CHLORIDE (PVC) PIPE

- VII. PVC pipe 6 inches in size and larger and fittings shall conform with the requirements of the latest revisions of ASTM Specification D3034-SDR35. Four-inch pipe shall be Schedule 40 PVC.
- VIII. A bell and spigot ring type of joint shall be provided. The bell shall consist of an integral wall section with a solid cross-section rubber ring, factory assembled, securely locked to prevent displacement.
- IX. All bells on branch wyes or fittings shall be factory assembled.
- X. An "O" ring coupling with stainless steel tightening band and rubber gasket water stop shall be provided for installation in manhole walls for pipe connections.
- XI. Lengths shall not exceed 12.5 feet.

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SECTION 5 – BUILDING LATERAL SANITARY SEWER AND TAP CONNECTIONS

- XII. Pipe and fittings shall be in compliance with this standard. Pipe at maximum intervals of 51-011, and fittings shall be marked:
- a. Manufacturer's Name or Trademark
 - b. Nominal Size
 - c. Material Designation "PVC"
 - d. ASTM Spec. (D 3034)
 - e. The rubber ring for the bell and spigot joint shall be the elastomeric gasket joint providing a watertight seal.
- L. The building lateral sanitary sewer shall be minimum six (6) inches in diameter for commercial premises and minimum four (4) inches in diameter for residential premises provided pipe is laid on minimum slope of 1/8 inch/foot and 1/4 inch/foot, respectively. Cleanouts shall be placed at intervals of not more than one hundred (100) feet for commercial premises and not more than fifty (50) feet for residential premises. All building lateral sanitary sewers shall conform to the specifications set forth in Appendix A attached hereto.
1. Cleanouts consisting of a wye branch, curve, riser and watertight plug are required at intervals specified above, or at all direction changes greater than 45 degrees. The wye branch and curve must be encased in at least 6 inches of concrete. Cleanouts shall not be located in driveways or other impervious surfaces.
 2. Prior to excavation of any trench, the contractor should first expose the building sewer tap connection and the building drain. The trench width shall be kept to minimum width and have a uniform slope at approved grade, and as near as possible at right angles to the street. No 90 degree bends shall be permitted except on an inside vertical end of run. All trenches must be excavated at least 6 inches below the invert of the pipe. Granular 2B limestone backfill (minimum 3/4 inch gravel size) shall be placed in the trench to grade of pipe and after providing bell holes and laying pipe, backfill to a minimum height of 12 inches over the top of the pipe. Granular backfill must be carefully tamped along both sides of the pipe. Remaining backfill, if satisfactory, may be material from the original excavation. Underground detectable marking tape shall be installed a minimum of 2 feet above the pipe along the alignment of the building lateral sanitary sewer. Marking tape shall be minimum 3 inches wide, vivid green with foil backing and marked "Gravity Sewer Line". The building lateral sanitary sewer trench shall have minimum 3 feet horizontal separation and 18 inch vertical separation from other pipelines such as water service lines, gas lines, french drains or storm sewers. Building lateral sanitary sewers shall have minimum 3 feet of cover. An Authority inspector must be present to visually inspect the backfilling of the building

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- lateral sanitary sewer trench. A test tee shall be installed in the building lateral sanitary sewer immediately before the wye, or manhole stub, if connection is to be made directly to a manhole. If unusual trench conditions exist, such as excessive depth, unstable soil, under a stream or other water course, the Authority may require the owner, at his own expense, to encase the building sewer in concrete or take such other steps which, in the opinion of the Authority, are necessary for proper installation. The Authority may refuse a permit to allow a connection directly to the main intercepting sewer and require extensions and connections to a manhole, the manhole, sewer and other work to be accomplished at the expense of the owner. In no event will a connection be made through a hole cut in the sewer.
3. In no case shall a building lateral sanitary sewer be laid parallel to a cartway along the same alignment as the main sewer thereby acting as an extension of the main sewer. In such instance, the main sewer shall be extended, per Section 8.04.2, along the cartway and the building lateral sanitary sewer run perpendicular to the main.
- M. In all premises in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such drain shall be lifted by approved artificial means (pumped) and discharged to the building lateral sanitary sewer, the capacity of such units to be subject to approval by the Authority.
- N. The applicant for the building lateral sanitary sewer permit shall notify the Authority when the building drain, building sewer and related facilities are ready for inspection and connection to the public sewer but prior to connection to the trap, and prior to backfilling. Final inspection will not be scheduled until all tapping fees or other charges due and payable have been remitted to the Authority. The inspection of the building drain, building lateral sanitary sewer and related facilities shall include but may not be limited to the following:
1. Inspection of installation to insure that proper bedding and embedment of the pipe has been accomplished. Concrete encasement has been placed where required. An air test of the lines at a pressure of 5 psi for 15 minutes without any loss of pressure, or a hydrostatic test when no water is lost from a filled service lateral subjected to a minimum of 10 feet of water head for 15 minutes.
- O. All excavations shall be performed in accordance with the latest edition of the OSHA Standards-Employer-Employee Safe Practices for Excavation and Trenching operations.
- P. All building lateral sanitary sewers shall be maintained by the owner or customer at his cost, and the sewer shall be protected properly and maintained by the owner or customer. When repairs, renewals or replacements or other necessary work is required in the aforesaid facilities, the owner or customer shall employ, without delay, competent tradesmen to do the

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SECTION 5 – BUILDING LATERAL SANITARY SEWER AND TAP CONNECTIONS

work, at his expense. All leaks shall be repaired immediately. No work shall be done, however, without the approval of and supervision by the Authority.

END OF SECTION

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SECTION 6 – USE OF SEWERS

06.00 INDEX

06.01 PURPOSE

06.02 USE OF SEWERS

06.01 PURPOSE

- A. This Section sets forth the Use of Sewers requirements of the Sewer Use Rules and Regulations for the Authority.

06.02 USE OF SEWERS

- A. All premises benefited, improved or accommodated by the Authority's sanitary sewerage system shall be connected to the system, at the expense of the premises owner.
- B. All connections shall be made in accordance with the Rules and Regulations and other applicable requirements of the Authority.
- C. It shall be unlawful for any person owning any premises accessible to the Authority's sanitary sewerage system to erect, construct, use or maintain or cause to be erected, constructed, used or maintained any privy, cesspool, sinkhole or other receptacle on such premises for receiving sanitary sewage. Sewage holding tanks may be erected, used and maintained only with the permission of the Sewage Enforcement Officer for the Municipality.
- D. No person(s) shall discharge or cause to be discharged any stormwater, groundwater, roof runoff, subsurface drainage, or cooling water into any sewer.
- E. Stormwater and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as combined sewers or storm sewers or to a natural outlet approved by the Municipality and other regulatory agencies. Unpolluted industrial cooling water or process waters may be discharged, on approval by the Authority, to a storm sewer, or natural outlet.

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SECTION 6 – USE OF SEWERS

- F. No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:
1. Any gasoline, benzene, naptha, fuel oil, or other flammable or explosive liquid, solid, or gas.
 2. Any waters containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any waste treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of any wastewater treatment plant.
 3. Any waters or wastes having a pH lower than 5 or higher than 9.0, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the wastewater works.
 4. Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the wastewater facilities such as, but not limited to, ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, either whole or ground by garbage grinders.
- G. Those provisions of Section 10 hereof (Industrial Pretreatment) relating to prohibited discharges into the Authority's sewer system shall apply to all users of the sewer system.
- H. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Authority, they are necessary for the proper handling of liquid wastes containing floatable grease in excessive amounts – or fat, oil and grease concentrations in excess of 100 mg/l, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwellings units. All interceptors shall be of a type and capacity approved by the Authority, and shall be located as to be readily and easily accessible for cleaning and inspection. In the maintenance of such interceptors the owner shall be responsible for the proper removal and disposal by appropriate means of the captured material and shall maintain records of the dates, and means of disposal which are subject to review by the Authority. Any removal and hauling of the collected materials not performed by owner's personnel must, be performed by currently licensed waste disposal firms.

END OF SECTION

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SEWER USE RULES & REGULATIONS

SECTION 7 – SEWAGE RATES AND FEES

7.00 INDEX

07.01 PURPOSE

07.02 SEWAGE RATES AND FEES

07.01 PURPOSE

- A. This Section sets forth the Sewage Rates and Fees requirements of the Sewer Use Rules and Regulations for the Authority.

07.02 SEWAGE RATES AND FEES

- A. All bills for sewer collection, transportation and treatment shall be rendered to the owner of the premises to which the sewer service is furnished, whom shall in all cases be liable for payment of such bills.
- B. Billing of an owner of premises for sewage collection, transportation and treatment shall commence upon connection of any sanitary facilities on said premises to a public sanitary sewer or within sixty (60) days or receipt of notice to connect to the public sanitary sewer, whichever is sooner.
- C. Sewage collection, transportation and treatment rates shall be established by separate resolution of the Authority from time to time. Where billing is based upon water consumption, one Equivalent Dwelling Unit (EDU) shall equal 6,600 gallons if water is billed monthly and 19,800 gallons if water is billed quarterly.
- D. The rates and charges for the following classifications of premises shall be made in accordance with the amount set forth as follows:
 - 1. Residential Premises are any premises defined in Sections 02.02.A.31 (I), (III), (IV), (V), (VII), (VIII), (IX), (X), (XII), and (XIII) of the within Rules and Regulations and shall pay

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SEWER USE RULES & REGULATIONS

SECTION 7 – SEWAGE RATES AND FEES

a rate charge based upon the volume of potable water purchased by each respective customer as determined by the water company's water meter.

2. Nonresidential Premises are any premises defined in Sections 02.02.A.31 (II), (VI) and (XI) of the within Rules and Regulations and shall pay a charge according to the number of Equivalent Dwelling Units as calculated by the water consumed during the billing period.
- E. The sewage collection, transportation and treatment charges imposed hereunder shall be due and payable immediately upon receipt of the bill by the owner and shall be paid not later than the due date appearing on the bill. Said charges shall be subject to a penalty while payment is delinquent regardless of whether bills are calculated according to the flat rate or water consumption. If the owner of the premises served shall neglect or fail to pay the bill of the Authority for a period of thirty (30) days from the due date thereof, the Authority may proceed to have water service to the property shut off pursuant to the provisions of the Act of April 14, 1949, P.L. 482, as amended (53 P.S. 2261). Interest shall be charged against outstanding delinquent account balances at the legal rate of interest.
- F. In addition to any of the remedies available to the Authority to secure the payment of any delinquent rental accounts for properties not served by a public water supply, the Authority, after providing reasonable notice to the owner or the occupant of any premises, may terminate sewer services until payment of any delinquent account plus costs is made in full.
- G. If, at any time, an account for a premises listed in Section 07.02 L is not delinquent (including payment of additional charges imposed in Section 07.02 E), and the owner pays the entire sewer bill for collection, transportation and treatment for the ensuing year in advance, the owner shall be entitled to a discount in the amount of 5% for each Equivalent Dwelling Unit so paid.
- H. In the event that any premises is razed or destroyed and the owner thereof desires to construct a new building(s) or structure(s) on said real estate, the owner shall first be required to obtain all applicable permits from the Municipality, including but not limited to building, occupancy and/or zoning permits, before re-establishing connections with the public sanitary sewer system. Prior to re-establishing such connections and service, the owner shall also be required to apply for and obtain a sewer permit from the Authority at the cost of \$50.00. The owner shall be entitled to receive a credit for any tapping fee previously paid, provided that the new building or structure is connected at the same point where the previous building or structure was connected, that all fees are paid in full and that the owner pays a \$50.00 reinspection fee. In order to qualify for the credit established hereunder, the new building or structure must be fully constructed and connected within one (1) year of the date of destruction or razing.
- I. In reviewing the application for the sewer permit described in paragraph 7.08, if the Authority determines that the proposed use of a new building or structure, located on a premises listed in

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SECTION 7 – SEWAGE RATES AND FEES

Section 7.12 (c), will result in additional EDU's being used on the premises, the owner shall be liable to pay additional tapping fees based on the additional EDU's used on the premises.

- J. The provisions of Section 07.02 H and I shall govern all situations in which the owner of real estate desires to change, in whole or in part, the use of an existing building or structure, or desires to construct additional buildings or structures on such real estate.
- K. Except as otherwise provided herein, all fees shall be due and payable in advance of connecting or construction as determined by the Authority.
- L. Tapping Fees - Schedule of Rates and Charges
 - 1. Upon connection of any sanitary facilities on any premises to a public sanitary sewer, the owner of the premises shall pay a tapping fee according to the most recent calculation of the fee based on Act 57 of the Pennsylvania Legislature.
 - 2. For the premises defined in Sections 02.02.A.31 of the within Rules and Regulations, a tapping fee for each EDU attributed to the use shall be based on an estimate of the peak daily wastewater usage.
 - 3. Paid tap-in fees shall be non-transferable and shall not be sold, assigned, resold, or otherwise conveyed to any other entity or individual, except as may be expressly authorized by written approval of the Authority.
- M. Where it is necessary in the opinion of the Authority that a saddle be installed in order to accommodate connection of any sanitary facilities to a public sanitary sewer, the owner shall pay the then prevailing charge for each said saddle installed.

END OF SECTION

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SECTION 7 – SEWAGE RATES AND FEES

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08.01 PURPOSE

- A. This Section sets forth the Sewer Line Extension and Systems Including Treatment Works requirements of the Sewer Use Rules and Regulations for the Authority.

08.02 GENERAL REQUIREMENTS

- A. No sewers shall be extended from the sewers of the Authority, and no sanitary sewerage systems and/or treatment works shall be constructed or other work done without prior written approval of the Authority, permits from the Pennsylvania Department of Environmental Protection, and permits, licenses and/or approvals as required from all Federal, State, County and local agencies.
- B. The work shall be done in accordance with these Rules and Regulations, and other applicable requirements. Any work in areas involving facilities served by the Authority and/or facilities extended into adjoining municipal subdivisions shall be in accordance with the aforesaid requirements and any higher standards as may be established by the municipal subdivision in which the work is located.

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- C. The applicant must prepare at his cost all contract plans and specifications, rights-of-way plans and contract documents, and prepare at his cost other material which may be required to obtain permits, licenses and/or other approvals and to prepare the applications relative thereto and shall pay all related fees.
- D. The plans and reports involving strictly sanitary sewerage extensions shall be stamped with the seal of a Registered Professional Surveyor or Registered Professional Engineer. All other plans and reports involving pump stations and/or treatment works shall bear the seal of a Registered Professional Engineer (PA).

08.03 REGULATIONS RELATIVE TO SEWAGE

- A. The construction of all sewerage and sewage treatment plant facilities shall be subject to the applicant, owner and/or developer obtaining at his cost all permits and approvals required by Federal, State, County and other agencies.
- B. No applications for such permits shall be submitted until preliminary approval of the project is obtained from the Authority.
- C. All procedures and work must be in accordance with all applicable Rules and Regulations of the Authority, as amended and supplemented from time to time.
- D. The work and plans relative to sewerage must comply with all Municipal subdivision and other ordinances and regulations including the obtaining of highway occupancy permits in the name of the Authority.

8.04 APPLICATION FOR APPROVAL OF SANITARY SEWERAGE SYSTEMS

- A. A written application on a form furnished by the Authority (Preliminary Application), unless otherwise indicated, must be submitted for the approval of a sewer line extension, sanitary sewerage system, including pumping stations and treatment facilities, and/or other work, and

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the obtaining or furnishing sewage service therefrom. A deposit, payable to the Washington - East Washington Joint Authority, shall accompany the application to cover preliminary Authority costs, including plan review by the Authority's engineer and the cost of preparation of any agreement with the Authority. The deposit will also be used to cover the costs of planning/sewerage module review and submission to DEP, the Act 14 notifications, other miscellaneous administrative costs and an on-site inspector from the Authority. After completion of the sanitary sewer by the developer and the acceptance thereof by the Washington - East Washington Joint Authority and the expiration of the eighteen (18) month maintenance bond, if there remains any monies not spent by the Authority for plan review, inspection of construction and legal fees, such monies shall be returned to the developer. In the event the deposit is insufficient for the purpose provided, the developer will, at the request of the Authority, deposit additional funds to defray additional costs and expense. An itemized accounting of all such monies will be supplied to the developer, if requested. A deposit of \$800 shall be required for plans of development up to ten lots and a deposit of \$1,800 shall be required for plans of development of eleven lots or more.

- B. The application shall be subject to the Authority's Rules and Regulations and the execution of an agreement. All applications for sewage service must be accompanied by plans, documents, reports and other materials as may be required by the Authority. The submission of the application must be in strict accordance with the Rules and Regulations of the Authority.

8.05 PROCEDURE FOR SUBMISSION OF REPORTS AND PLANS

A. General

- 1. The applicant shall submit preliminary plans and reports to the Authority for general review and recommendations followed by applications, final plans and reports.
- 2. The general design of all proposed sewerage facilities shall be in complete compliance with the requirements of the Department of Environmental Protection and all applicable Rules and Regulations of the Authority and ordinances of the Municipality.

B. Preliminary Plans

- 1. The applicant shall submit preliminary plans and reports, in duplicate, in accordance with the following:

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- I. The Preliminary Application and planning deposit shall be submitted to the Authority.
 - II. A professional engineer's report setting forth a full description of the proposed system and the basis of design. A comparable report prepared by a professional surveyor may be submitted when the development involves sanitary sewers exclusively.
 - III. This report must include a statement and description of the extent of area which it is proposed to include within the system at the present time, and in the future; the estimated present and future population to be served; the estimated per capita rates or volume of sewage to be provided for; the general character of the sewage and the proportion and nature of any industrial wastes; and such other data and information as the Authority may require.
 - IV. Where industrial wastes will be treated, all applications for service, regardless of location of the premises, must be accompanied by a detailed report setting forth the quantities and character of the wastes, the proposed rates of discharge and such other facts as the Authority may require.
 - V. The report must include a detailed summary of the drainage areas and areas to be served; the sewerage system, showing sizes of sewers, distances between manholes, grades, capacities and future ultimate flows in main and intercepting sewers. If treatment facilities are to be constructed, a summary of dimensions, sizes, capacities and all pertinent data relative to each unit, types and capacities of all equipment, general plant and operating descriptive data, total plant capacities and such other data as may be required. If pumping stations are to be constructed, the type, head and capacities of pumping equipment, the type and size of motors, types and capacities of comminuting equipment and screens, descriptions of other equipment, sizes, capacities and other data relative to wet and dry wells, descriptions of operation and other data.
2. The preliminary plans shall contain the following:
 - I. Sewers
 - a. Layout of all sewers and manholes, showing sizes, distances between manholes and type of sewers. Design features should be submitted at least in sketch form for special conditions, inverted siphons and such other features. No sewer depth (measured to invert) shall be greater than 15 feet without specific Authority approval. Dead end sewers not over 200 feet in length shall terminate in standard manholes or cleanouts. Dead ends over 200 feet long shall terminate in standard manholes unless future extension of said dead end will include a manhole within 400 feet of the upper most manhole, in which case a temporary cleanout will be permitted. Furthermore, unless greater length is necessary to serve the property,

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end structures shall be placed 5 feet beyond the down grade property line on the last lot served.

II. Pump Stations and Treatment Plants

- a. Plans showing property lines, general plant layout, dimensions, types and sizes of all equipment, hydraulic profile and other pertinent features.
- b. Outline specifications for pumping stations and sewage treatment plants and description of proposed materials, and equipment.

C. Final Plans and Reports

1. After the Authority's Manager has received replies and recommendations from the Authority's Solicitor and/or Engineer, the Manager shall notify the developer of the findings and recommendations resulting from the above mentioned review and the amount of the performance bonds, etc. If applicable, any corrections to planning modules will be made at this time. The modules will then be submitted to the Township for their approval and adoption of a resolution adding the subdivision to the Township's "Official Plan". The applicant shall submit four (4) copies of final plans and reports and other required items, all in accordance with the following:
 - I. A formal letter of request for final approval, satisfactory to the Authority's solicitor, an agreement and such other documents as may be required.
 - II. An engineer's report setting forth the information and data required in the preliminary report. If no revisions or additional data is required, the preliminary report may be suitable as the final report. In addition, the applicant shall prepare all application forms, modules, reports and such other data as required by the Pennsylvania Department of Environmental Protection.
 - III. All applications, plans, exhibits and supporting data required for submittal to all agencies having jurisdiction in order to obtain licenses, permits and approvals.
 - IV. Final plans prepared by a qualified Registered Professional Engineer, or by a qualified Registered Surveyor when the development involves sanitary sewers exclusively, showing the following:
 - a. Master plan, if first submission of several phases, additions or sections of large development
 - b. USGS Topographic Map to indicate general location

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- c. PA One Call Serial Number
- d. Sewers
 - i. These plans must show the boundary line of the municipality or sewer district to be provided sewers; all existing and proposed streets, watercourses, and other salient topographic features; contour lines for intervals of not more than 10 feet; and the surface elevations at street intersections and at points where changes of slope occur. The plans must show clearly the locations of all existing sanitary sewers, but need not show the locations of drains used exclusively for surface or subsoil water.
 - ii. If sewers are proposed for only a part of the natural or artificial drainage areas, there must be indicated upon the plans how it is proposed, in general, to provide sewerage for each of the drainage areas in which it is not at the time planned to provide sewers. In the case of sewer extensions, the plans need show only the section wherein sewers are to be extended.
 - iii. In all cases the plans must clearly show the following: Size of the sewer, the character of the sewer material, the slope, the elevation at the location of all points of change of slope, the direction of flow, the location of all manholes, flushing manholes, inverted siphons, pumping stations, the elevations of all stream beds, the direction of stream flow, the high and low water elevations of all water surfaces and such other data and showing all profiles.
 - iv. The detailed plans shall include plans of all sewers, regular and special sewer appurtenances, structures of all types and such other features.
- e. Pumping Station and Treatment Plants
 - i. These plans shall indicate all phases of the project including architectural, general, structural, mechanical, plumbing, heating and ventilating, electrical and other work, prepared in accordance with sound engineering practice. These plans shall show property lines of all sites, existing and proposed connections, existing and proposed utilities, roadways, drainage facilities and all physical features.
 - ii. The plans shall provide for complete fencing of all pumping stations and treatment plants and other such facilities.
- f. Detailed Specifications for all work and other contract documents

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D. Plan Preparation

1. All final plans must be uniform in size and in accordance with requirements set forth in the Sewerage Manual of the Pennsylvania Department of Environmental Protection.
2. The plans shall be prepared on sheets 24 by 36 inches in size, with a one-inch border on the left side and a one-half-inch border on all other sides. Each plan sheet shall include an appropriately sized title block.
3. The general plan shall be on a scale not smaller than 300 feet to one inch, preferably, and not more than 100 feet to one inch. All other plans shall be drawn to a scale to permit all necessary information to be shown plainly. Sewer profiles shall be on a horizontal scale of not more than 50 feet to the inch and a vertical scale of not more than 10 feet to the inch, and plan views of sewers shall be drawn to the same scale as the profile view.

E. Record Plans

1. Subsequent to completion of the work, the applicant shall submit to the Authority one (1) set of Record reproducible mylars, four (4) 24" x 36" paper sets, four (4) laminated 11" x 17" paper sets, and a disk containing record drawings of as-built conditions in a software format approved by the Authority (AutoCAD Version 13.0 or higher). No service will be furnished or permitted to be furnished until record plans are submitted and approved.

F. Responsibility for Cost

1. The cost of all sanitary sewerage systems and related costs shall be borne by the applicant requesting approval thereof.
2. The cost of such work shall include the following:
 - I. The cost of all sewer lines of the size required for the project, none to be less than eight inches in size, of all manholes and other sewer appurtenances.
 - II. The cost of connections to existing sewers.
 - III. The cost of all land and rights of way, the rights of way and land to be conveyed to the Authority.
 - IV. The cost of obtaining all permits, licenses and such other approvals.
 - V. Authority costs for the review of the plans and specifications, field work, if any, legal work, including the preparation of agreements with the Authority, administrative and such other costs in connection with the project.

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VI. The cost of a resident engineer or inspectors furnished by the Authority to supervise and/or inspect construction of the project or projects. Such costs shall be the per diem rate (wages plus benefits) currently in effect, plus mileage costs and expenses. If the initial payment referred to in Item 7.03 becomes exhausted, additional deposits shall be made in accordance with the Authorities rate schedule.

VII. The payment of all tapping, customer facility, connection and other fees.

G. Agreement

1. The applicant shall enter into a Developer's Agreement with the Authority, prior to final approval for and the commencement of any work; the agreement shall include but may not be limited to the following:

I. The cost of all work shall be paid by the applicant or owner, except as otherwise indicated.

II. The materials and workmanship shall be in accordance with the requirements of the Authority.

III. The ownership title to all sewer collection system shall be conveyed to and vested in the Authority, including easements, sewer lines, pumping and all related facilities.

IV. The Authority shall have the right to make further extensions beyond or laterally from all sewers, such extensions not to be considered as connections subject to any refund, and the right to enlarge or improve sewage treatment facilities.

V. Reimbursement of any costs to an applicant for connections to the facilities installed by the applicant shall be provided only if and to the extent required by law and shall be subject to the execution and delivery of a formal reimbursement agreement.

VI. Treatment works will not be accepted by the Authority for operation until the satisfactory operation of the facilities is assured.

VII. The applicant shall provide permanent 20-foot wide easements, or the width as required, in all plans of lots for all sanitary sewers, and for future extensions as required by the Authority. For sewers to be constructed outside the limits of a subdivision plan, the applicant shall obtain all required permanent easements at least 20 feet in width. All easements shall be obtained and provided at the cost of the applicant and conveyed to the Authority prior to requesting final approval of the work.

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VIII. The applicant shall provide all insurance, bonds and other such items as required by the Authority.

H. Security and Insurance

1. The applicant shall furnish, at his cost, all bonds or other acceptable security and insurance as provided herein or as required by the Authority. The general requirements shall include but not be limited as follows:

I. Performance and Labor and Material Security

- a. The applicant with whom an agreement is executed shall furnish to the Authority surety bonds, letters of credit or other similar type of financial security authorized by Section 5607(d)(23) of the Authorities Act in an amount equal to 110% of the estimated cost of the facilities to be installed by the applicant, all of which financial security shall be in form and substance satisfactory to the Authority and conditioned upon the prompt performance of the construction of such facilities and the prompt payment of all material furnished and all labor supplied or performed in the installation of such facilities.

II. Maintenance Guarantee and Security

- a. The applicant shall maintain all facilities and all work performed in good condition and repair for a period of 18 months from the date of the Authority's acceptance thereof and, as security for such maintenance, shall furnish to the Authority a surety bond, letter of credit or any other type of financial security authorized by Section 5607(d)(23) of the Authorities Act in an amount equal to 15% of the actual cost of the facilities installed by the applicant and in form and substance satisfactory to the Authority.

III. Insurance

- a. The applicant shall, following the execution of the agreement, submit to the Authority certificates of insurance in accordance with the following requirements and subject to the approval and acceptance by the Authority:
 - i. Workmen's Compensation Insurance - The applicant shall take out and maintain during the life of the agreement workmen's compensation insurance for all of his employees employed on the project, and in case any work is sublet, the applicant shall require the subcontractor similarly to provide workmen's compensation insurance for all of the latter's employees, unless such employees are covered by the protection afforded by the applicant.

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- ii. Public Liability and Property Damage Insurance - The applicant shall take out and maintain during the life of the agreement such public liability and property damage insurance as shall protect him and any subcontractor performing work covered by the agreement from claims for personal injury, including accidental death, as well as claims for property damage which may arise from operations under the agreement, whether such operations be by himself or by any subcontractor or by anyone directly or indirectly employed by either of them, and the amounts of such insurance shall be not less than \$100,000 for injuries, including accidental death, to any one person, in an amount of not less than \$300,000 on account of one accident; and property damage insurance in an amount not less than \$50,000 to any one person and subject to the same limit for each person, in an amount of not less than \$100,000 on account of one accident.
- iii. Insurance Covering Special Hazards - Hazards relative to the use of boats or other means of water travel going to or coming from the site, relative to the use of automobiles or trucks on the site or going to or coming from the site, and relative to blasting shall be covered in the same amounts by rider or riders to the public liability and/or property damage insurance policy or policies herein elsewhere required to be furnished by the applicant or by separate policies of insurance.

I. Construction Specifications

- 1. The design, installation and construction of all sewers, pumping stations, sewage treatment plants and other related facilities shall be in strict accordance with the Specifications for the Construction of Sanitary Sewer Lines and Appurtenances as established by the Authority, with all applicable requirements of the Municipality and as approved by the Consulting Engineer for the Authority.

J. Inspection of Construction

- 1. All construction of sewerage facilities in the Authority's service area shall be subject to inspection by representatives of the Authority during the progress of the work to assure that such construction is accomplished in accordance with the approved plans and specifications. The costs of such inspection shall be paid by the applicant.
- 2. At least 10 days prior to starting construction, the applicant shall notify the Authority of the anticipated starting date of his proposed construction and the schedule of operation through completion of the project. At the time of this notification, a meeting shall be arranged between the applicant, the construction foreman and representatives of the Authority to completely review all aspects of the construction project, prior to

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commencing with construction. No construction will be permitted without such a meeting.

3. Upon completion of the construction work, a detailed final inspection shall be made by the Authority to determine that the completed facilities have been constructed in accordance with the approved plans and specifications. Approval will not be given by the Authority until all discrepancies and deficiencies revealed by this final inspection have been satisfactorily corrected.
4. Inspection fees as outlined herein and in the Rules and Regulations of the Authority and the Municipality shall be paid by the applicant, as previously indicated.

END OF SECTION

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SECTION 9 – AUTHORITY CONTRIBUTION

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09.01 PURPOSE

09.02 GENERAL REQUIREMENTS

09.01 PURPOSE

- A. This Section sets forth the Authority Contribution requirements of the Sewer Use Rules and Regulations for the Authority.
- B. This Section governs the contribution of the Authority, if any, to the cost of main sewer line extensions undertaken by land developers where the Authority, in furtherance of its Master Sewer Plan for Sewage Collection and Treatment, requires the size of such lines to exceed the size of lines actually necessary for service to the developer's project.

09.02 GENERAL REQUIREMENTS

- A. Where the difference between the diameter size of pipe specified in a Master Plan or otherwise required by the Authority and the minimum diameter size of pipe necessary for service to a development is eight (8) inches or more, the contribution by the Authority shall be an amount equal to the difference between the estimated cost of the acquisition, construction and installation of the pipe required by the Authority and the estimated cost of the acquisition, construction and installation of the pipe necessary for service to that development.
- B. Where the amount of the Authority's contribution exceeds the amount set forth in Section 5614 of the Authorities Act relating to competition in the award of contracts, as the same may be amended from time to time, (such amount being \$10,000 on the date hereof), the Developer may elect to:
 - 1. Undertake the installation of the line extension and receive a contribution by the Authority in an amount equal to the amount set forth in Section 5614 of the Authorities Act, or

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2. Request the Authority to install the line extension in accordance with the requirements of Section 5614 of the Authorities Act and pay the costs of the line extension less a credit in an amount determined under this Section. The developer will pay an amount equal to all costs of the project, including all engineering, inspection, administrative and other indirect costs, less the Authority's contribution. In addition, appropriate deposits will be obtained before design work is commenced and before the construction contract is awarded.
- C. In all cases, the determination of the amount of the Authority's contribution by the Authority shall be final and conclusive, absent manifest error.

END OF SECTION

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SECTION 10 – MUNICIPAL INDUSTRIAL PRETREATMENT PROGRAM

SECTION 1 – GENERAL PROVISIONS

10.01 PURPOSE

- A. This Section sets forth uniform requirements for direct and indirect contributions into the Sanitary Sewerage System of the Authority. The objectives are to:
1. Prevent the introduction of POLLUTANTS into the Sanitary Sewerage System which will interfere with the operation of such System or contaminate the resulting sludge;
 2. Prevent the introduction of POLLUTANTS into the Sanitary Sewerage System which will PASS THROUGH such System, inadequately treated, into receiving waters or the atmosphere or otherwise be incompatible with such System;
 3. Protect both Sanitary Sewerage System personnel who may be affected by wastewater and sludge in the course of their employment and the general public;
 4. Improve the opportunity to recycle and reclaim wastewaters and sludges from the Sanitary Sewerage System;
 5. Provide for equitable distribution of the cost of the Sanitary Sewerage System; and,
 6. Enable the Authority to comply with its NPDES PERMIT conditions, sludge use and disposal requirements, and any other Federal or State laws to which the Sanitary Sewerage System is subject.
- B. This Section provides for the regulation of direct and indirect contributors to the Sanitary Sewerage System through the issuance of permits to certain nondomestic USERS and through enforcement of general requirements for other USERS, authorizes monitoring and enforcement activities, requires USER reporting and provides for the setting of fees for the equitable distribution of costs resulting from the program established hereunder.
- C. This Section shall apply to all USERS (as such term is hereinafter defined) of the Sanitary Sewerage System.

10.02 DEFINITIONS

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- A. Unless the context specifically and clearly indicates otherwise, the meaning of the terms used in this Section shall be as follows below. Any definitions, abbreviations and acronyms used in this Section but not specifically defined below shall be the same as those found in Section 2 of the Sewer Use Rules and Regulations.
1. APPROVAL AUTHORITY - the Regional Administrator of US EPA.
 2. AUTHORIZED REPRESENTATIVE OF INDUSTRIAL USER – the following:
 - I. If the USER is a corporation:
 - a. The president, secretary, treasurer, or a vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or
 - b. The manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or action taken to gather complete and accurate information for individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT requirements, and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - II. If the USER is a partnership or sole proprietorship: a general partner or proprietor, respectively.
 - III. If the USER is a Federal, State, or local government facility: a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or their designee.
 - IV. The individuals described in paragraphs I through III above may designate a Duly Authorized Representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the Authority.

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3. BEST MANAGEMENT PRACTICES (BMPS) – the schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the prohibitions listed in this Section. BMPs include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage.
4. CATEGORICAL STANDARDS - the National Categorical PRETREATMENT STANDARDS or PRETREATMENT STANDARD. Any regulation containing POLLUTANT discharge limits promulgated by US EPA in accordance with sections 307(b) and (c) of the CLEAN WATER ACT (33 U.S.C. section 1317) that apply to a specific category of USERS and that appear in 40 CFR Chapter I, Subchapter N, Parts 405-471.
5. CATEGORICAL INDUSTRIAL USER - an INDUSTRIAL USER subject to a categorical PRETREATMENT STANDARD or Categorical Standard.
6. CLEAN WATER ACT – the Federal Water Pollution Control Act, also known as the CLEAN WATER ACT, as amended, 33 U.S.C. section 1251 et seq.
7. CODE OF FEDERAL REGULATIONS (CFR) – the official annual codification of the general and permanent rules published in the Federal Register by U.S. executive departments and agencies.
8. COOLING WATER - the water discharged from any use, such as air conditioning, cooling or refrigeration, or water to which the only POLLUTANT added is heat and also includes non-contact COOLING WATER.
9. DAILY MAXIMUM - the arithmetic average of all effluent samples for a POLLUTANT collected during a calendar day.
10. DAILY MAXIMUM LIMIT - the maximum allowable discharge limit of a POLLUTANT during a calendar day. Where DAILY MAXIMUM LIMITS are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where DAILY MAXIMUM LIMITS are expressed in terms of concentration, the daily discharge is the arithmetic average measurement of the POLLUTANT concentration derived from all measurements taken that day.
11. DIRECT DISCHARGE - the discharge of treated or untreated wastewater directly into the WATERS OF THE COMMONWEALTH.
12. EXISTING SOURCE - any source of discharge that is not a NEW SOURCE.

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13. INDIRECT DISCHARGE - the discharge or the introduction of POLLUTANTS into the Sanitary Sewerage System from any nondomestic source.
14. INDUSTRIAL USER or USER - a source of INDIRECT DISCHARGE located within the Authority service area.
15. INDUSTRIAL WASTEWATER DISCHARGE PERMIT - means a permit contemplated by the provisions of this Section.
16. INTERFERENCE – a discharge that, alone or in conjunction with a discharge or discharges from other sources, inhibits or disrupts the Sanitary Sewerage System, its treatment processes or operations or its sludge processes, use or disposal; and therefore, is a cause of a violation of the Authority's NPDES PERMIT and shall also include prevention of sewage sludge use or disposal by the Authority in accordance with Section 405 of the CLEAN WATER ACT or any criteria, guidelines or regulations developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or more stringent Commonwealth criteria (including those contained in any Commonwealth sludge management plan prepared pursuant to Title IV of the Solid Waste Disposal Act) applicable to the method of disposal or use employed by the Authority.
17. MONTHLY AVERAGE - means the sum of all “daily discharges” measured during a calendar month divided by the number of “daily discharges” measured during that month.
18. MONTHLY AVERAGE LIMIT - means the highest allowable average of “daily discharges” over a calendar month, calculated as the sum of all “daily discharges” measured during a calendar month divided by the number of “daily discharges” measured during that month.
19. NEW SOURCE – shall mean the following:
 - a. Any building, structure, facility, or installation from which there is (or may be) a discharge of POLLUTANTS, the construction of which commenced after the publication of proposed PRETREATMENT STANDARDS under section 307(c) of the CLEAN WATER ACT that will be applicable to such source if such Standards are thereafter promulgated in accordance with that section, provided that:
 - b. The building, structure, facility, or installation is constructed at a site at which no other source is located; or

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- c. The building, structure, facility, or installation totally replaces the process or production equipment that causes the discharge of POLLUTANTS at an EXISTING SOURCE; or
 - d. The production or wastewater generating processes of the building, structure, facility, or installation are substantially independent of an EXISTING SOURCE at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is integrated with the existing plant, and the extent to which the new facility is engaged in the same general type of activity as the EXISTING SOURCE should be considered.
- II. Construction on a site at which an EXISTING SOURCE is located results in a modification rather than a NEW SOURCE if the construction does not create a new building, structure, facility, or installation meeting the criteria of Section (1)(b) or (c) above but otherwise alters, replaces, or adds to existing process or production equipment.
- III. Construction of a NEW SOURCE as defined under this paragraph has commenced if the owner or operator has:
 - a. Begun, or caused to begin, as part of a continuous onsite construction program
 - i. any placement, assembly, or installation of facilities or equipment; or
 - ii. significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of NEW SOURCE facilities or equipment; or
 - b. Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.
- 20. NPDES PERMIT - a permit issued pursuant to Section 402 of the CLEAN WATER ACT.
- 21. PASS THROUGH - a discharge which exits the Sanitary Sewerage System into waters of the United States in quantities or concentrations which, alone or in conjunction with

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a discharge or discharges from other sources, is a cause of a violation of any requirement of the Authority's NPDES PERMIT, including an increase in the magnitude or duration of a violation.

22. POLLUTION - the man-made or man-induced alteration of the chemical, physical, biological or radiological integrity of water.
23. POLLUTANT - any dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt and industrial, municipal and agricultural waste discharged into water.
24. PRETREATMENT - the reduction of the amount of POLLUTANTS, the elimination of POLLUTANTS or the alteration of the nature of POLLUTANT properties in wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such POLLUTANTS into the Sanitary Sewerage System; the reduction or alteration can be obtained by physical, chemical or biological processes, or process changes; or by other means, except by diluting the concentration of the POLLUTANTS unless allowed by an applicable PRETREATMENT STANDARD.
25. PRETREATMENT REQUIREMENTS - means any substantive or procedural requirement related to pretreatment, other than a National PRETREATMENT STANDARD, imposed on an INDUSTRIAL USER.
26. PRETREATMENT STANDARDS OR STANDARDS - means PROHIBITED DISCHARGE STANDARDS, Categorical PRETREATMENT STANDARDS, and Local Limits.
27. PROHIBITED DISCHARGE STANDARDS OR PROHIBITED DISCHARGES - means absolute prohibitions against the discharge of certain substances.
28. SIGNIFICANT INDUSTRIAL USER (SIU) - means any INDUSTRIAL USER of the Sanitary Sewerage System who:
 - I. is subject to categorical PRETREATMENT STANDARDS; or
 - II. an INDUSTRIAL USER that:
 - a. Discharges an average of twenty-five thousand (25,000) gpd or more of process wastewater to the Sanitary Sewerage System (excluding sanitary, noncontact cooling and boiler blowdown wastewater);

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- b. Contributes a process waste stream which makes up five percent (5%) or more of the average dry weather hydraulic or organic capacity of the Sanitary Sewerage System treatment plant; or
 - III. Is designated as such by the Authority on the basis that it has a reasonable potential for adversely affecting the Sanitary Sewerage System's operation or for violating any PRETREATMENT STANDARD or Requirement.
 - IV. The Authority may determine that an INDUSTRIAL USER subject to categorical PRETREATMENT STANDARDS is a Non-Significant CATEGORICAL INDUSTRIAL USER rather than a SIGNIFICANT INDUSTRIAL USER on a finding that the INDUSTRIAL USER never discharges more than 100 gallons per day (gpd) of total categorical wastewater (excluding sanitary, non-contact cooling and boiler blowdown wastewater, unless specifically included in the PRETREATMENT STANDARD) and the following conditions are met:
 - a. The INDUSTRIAL USER, prior to the Authority's finding, has consistently complied with all applicable categorical PRETREATMENT STANDARDS and Requirements;
 - b. The INDUSTRIAL USER annually submits the certification statement required in this Section, together with any additional information necessary to support the certification statement; and
 - c. The INDUSTRIAL USER never discharges any untreated concentrated wastewater.
 - V. Upon a finding that a USER meeting the criteria for Non-Significant CATEGORICAL INDUSTRIAL USERS, and has no reasonable potential for adversely affecting the Sanitary Sewerage System's operation or for violating any PRETREATMENT STANDARD or Requirement, the Authority may at any time, on its own initiative or in response to a petition received from an INDUSTRIAL USER, and in accordance with procedures in 40 CFR 403.8(f)(6), determine that such USER should not be considered a SIGNIFICANT INDUSTRIAL USER.
29. SLUG LOAD OR SLUG DISCHARGE - means any discharge at a flow rate or concentration, which could cause a violation of the PROHIBITED DISCHARGE STANDARDS of this Section. A SLUG DISCHARGE is any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch Discharge, which has a reasonable potential to cause INTERFERENCE or PASS THROUGH, or in any other way violate the Sanitary Sewerage System's regulations, Local Limits or Permit conditions.

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30. STANDARD INDUSTRIAL CLASSIFICATION (SIC) - means a classification pursuant the STANDARD INDUSTRIAL CLASSIFICATION Manual issued by the Executive Office of the President, Office of Management and Budget, 1972.
31. TREATMENT WORKS – shall mean “Sanitary Sewerage System” in Section 2 - Definitions.
32. TOXIC POLLUTANT - means any POLLUTANT or combination of POLLUTANTS listed as toxic in regulations promulgated by the Administrator of the EPA under the provisions of Section 307(a) of the CLEAN WATER ACT or other Federal legislation.
33. USER - means any person who contributes causes or permits the contribution of wastewater into the TREATMENT WORKS.
34. WATERS OF THE COMMONWEALTH - means all streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies and accumulations of water, surface or underground, nature or artificial, public or private, which are contained within, flow through or border upon the Commonwealth or any portion thereof.

SECTION 2 – GENERAL SEWER USE REQUIREMENTS

10.03 GENERAL DISCHARGE PROHIBITIONS

- A. No USER shall contribute or cause to be contributed, directly or indirectly, any POLLUTANT or wastewater which will cause PASS THROUGH or INTERFERENCE. These general discharge prohibitions apply to all USERS of the TREATMENT WORKS whether or not the USER is subject to categorical PRETREATMENT STANDARDS or any other National, State, or local PRETREATMENT STANDARDS or PRETREATMENT REQUIREMENT. No USER shall contribute any of the following substances to the TREATMENT WORKS:
 1. Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient, either alone or by interaction with other substances, to cause fire or explosion or be injurious in any other way to the TREATMENT WORKS or to the operation of

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the TREATMENT WORKS. At no time, shall two successive readings on an explosion hazard meter, at the point of discharge into the Sanitary Sewerage System (or at any point in the Sanitary Sewerage System) be more than five percent (5%) nor any single reading over ten percent (10%) of the lower explosive limit of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides and any other substances which the Authority, the Commonwealth or EPA has notified the USER is a fire hazard or a hazard to the Sanitary Sewerage System.

2. Solid or viscous substances which may cause obstruction to the flow in a sewer or other INTERFERENCE with the operation of the TREATMENT WORKS including, but not limited to, grease, garbage with particles greater than one-half inch (1/2") in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining, or processing of fuel or lubricating oil, mud, or glass grinding or polishing wastes.
3. Any wastewater having a pH less than 5.5 or more than 9.0, unless the TREATMENT WORKS is specifically designed to accommodate such wastewater, or wastewater having any other corrosive property capable of causing damage or constituting a hazard to structures, equipment or personnel of the TREATMENT WORKS.
4. Any wastewater containing TOXIC POLLUTANTS in sufficient quantity, either singly or by interaction with other POLLUTANTS, to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, create a toxic effect in the receiving waters of the TREATMENT WORKS, or to exceed the limitation set forth in a Categorical PRETREATMENT STANDARD. A TOXIC POLLUTANT shall include, but shall not be limited to, any POLLUTANT identified pursuant to Section 307(a) of the CLEAN WATER ACT.
5. Any noxious or malodorous liquids, gases or solids which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for maintenance and repair.
6. Any substance which may cause the Treatment Work's effluent or any other product of the TREATMENT WORKS, such as residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case shall a substance discharged to the TREATMENT WORKS cause the TREATMENT WORKS to be in noncompliance with sludge use or disposal criteria, guidelines or regulations developed under Section 405 of the CLEAN WATER ACT, any criteria, guidelines or

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regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substance Control Act, or Commonwealth regulations applicable to the sludge management method being used.

7. Any substance which will cause the TREATMENT WORKS to be in violation of its NPDES or Commonwealth Permit or the receiving water quality standards.
8. Any wastewater with objectionable color not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions.
9. Any wastewater having a temperature which will inhibit biological activity in the TREATMENT WORKS resulting in INTERFERENCE, but in no case wastewater with a temperature at the introduction into the TREATMENT WORKS which is in excess of 40°C (104°F) or less than 0°C (32°F) unless the TREATMENT WORKS is designed to accommodate such temperature.
10. Any POLLUTANTS, including oxygen demanding POLLUTANTS (BOD, etc.) released at a flow rate and/or POLLUTANT concentration which will cause INTERFERENCE with the TREATMENT WORKS. In no case shall a SLUG LOAD have a flow rate or contain concentration or qualities of POLLUTANTS that exceed for any time period longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration, quantities or flow during normal operation.
11. Any wastewater containing any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Authority in compliance with applicable Commonwealth or Federal regulations.
12. Any wastewater which causes a hazard to human life or creates a public nuisance.
13. Petroleum oils, non-biodegradable cutting oils, or products of mineral origin in excess of 150 mg/l, or in any amounts that will cause INTERFERENCE or PASS THROUGH.
14. POLLUTANTS which create a fire or explosive hazard in the Sanitary Sewer System, including, but not limited to, waste streams with a closed-cup flashpoint of less than 140 degrees F (60 degrees C) using the test methods specified in 40 CFR 261.21.
15. POLLUTANTS which result in the presence of toxic gases, vapors, or fumes within the Sanitary Sewer System in a quantity that may cause acute worker health and safety problems.
16. Trucked or hauled POLLUTANTS, except at discharge points designated by the Authority.

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- B. POLLUTANTS, substances, or wastewater prohibited by this Section shall not be processed or stored in such a manner that they could be discharged to the TREATMENT WORKS.
- C. When the Authority determines that any USER is contributing to the TREATMENT WORKS any of the above-enumerated substances in such amounts as to interfere with the operation of the TREATMENT WORKS, the Authority shall
 - 1. Advise such USER of the impact of the contribution on the TREATMENT WORKS and;
 - 2. Develop effluent limitations for such USER to correct the INTERFERENCE with the TREATMENT WORKS.

10.04 FEDERAL CATEGORICAL PRETREATMENT STANDARDS

- A. USERS must comply with the Categorical PRETREATMENT STANDARDS found at 40 CFR Chapter I, Subchapter N, Parts 405-471.
- B. Upon the promulgation of Federal Categorical PRETREATMENT STANDARDS for a particular industrial subcategory, the Federal Standard, if more stringent than limitations imposed under this Section 10 for sources in that subcategory, shall immediately supersede the limitations imposed under this Section 10. The Authority shall notify all affected USERS of the applicable reporting requirements under 40 CFR Section 403.12.
 - 1. Where a Categorical PRETREATMENT STANDARD is expressed only in terms of either the mass or the concentration of a POLLUTANT in wastewater, the Authority may impose equivalent concentration or mass limits in accordance with this Section.
 - 2. When the limits in a categorical PRETREATMENT STANDARD are expressed only in terms of mass of POLLUTANT per unit of production, the Authority may convert the limits to equivalent limitations expressed either as mass of POLLUTANT discharged per day or effluent concentration for purposes of calculating effluent limitations applicable to individual INDUSTRIAL USERS.
 - 3. When wastewater subject to a categorical PRETREATMENT STANDARD is mixed with wastewater not regulated by the same Standard, the Authority shall impose an alternate limit in accordance with 40 CFR 403.6(e).

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4. When a Categorical PRETREATMENT STANDARD is expressed only in terms of POLLUTANT concentrations, an INDUSTRIAL USER may request that the Authority convert the limits to equivalent mass limits. The determination to convert concentration limits to mass limits is within the discretion of the Authority.
 - I. The Authority may establish equivalent mass limits only if the INDUSTRIAL USER meets all the conditions set forth below:
 - a. Employ, or demonstrate that it will employ, water conservation methods and technologies that substantially reduce water use during the term of its individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT;
 - b. Currently use control and treatment technologies adequate to achieve compliance with the applicable categorical PRETREATMENT STANDARD, and not have used dilution as a substitute for treatment;
 - c. Provide sufficient information to establish the facility's actual average daily flow rate for all waste streams, based on data from a continuous effluent flow monitoring device, as well as the facility's long-term average production rate. Both the actual average daily flow rate and the long-term average production rate must be representative of current operating conditions;
 - d. Not have daily flow rates, production levels, or POLLUTANT levels that vary so significantly that equivalent mass limits are not appropriate to control the Discharge; and
 - e. Have consistently complied with all applicable categorical PRETREATMENT STANDARDS during the period prior to the INDUSTRIAL USER'S request for equivalent mass limits.
 - II. An INDUSTRIAL USER subject to equivalent mass limits must:
 - a. Maintain and effectively operate control and treatment technologies adequate to achieve compliance with the equivalent mass limits
 - b. Continue to record the facility's flow rates through the use of a continuous effluent flow monitoring device;
 - c. Continue to record the facility's production rates and notify the Authority whenever production rates are expected to vary by more than 20 percent from its baseline production rates determined in accordance with this Section. Upon notification of a revised production rate, the Authority will

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reassess the equivalent mass limit and revise the limit as necessary to reflect changed conditions at the facility; and

- d. Continue to employ the same or comparable water conservation methods and technologies as those implemented in accordance with this Section so long as it discharges under an equivalent mass limit.

III. When developing equivalent mass limits, the Authority shall:

- a. Calculate the equivalent mass limit by multiplying the actual average daily flow rate of the regulated process(es) of the INDUSTRIAL USER by the concentration-based DAILY MAXIMUM and MONTHLY AVERAGE Standard for the applicable categorical PRETREATMENT STANDARD and the appropriate unit conversion factor;
 - b. Upon notification of a revised production rate, will reassess the equivalent mass limit and recalculate the limit as necessary to reflect changed conditions at the facility; and
 - c. May retain the same equivalent mass limit in subsequent individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT terms if the INDUSTRIAL USER'S actual average daily flow rate was reduced solely as a result of the implementation of water conservation methods and technologies, and the actual average daily flow rates used in the original calculation of the equivalent mass limit were not based on the use of dilution as a substitute for treatment in accordance with this Section. The INDUSTRIAL USER must also be in compliance regarding the prohibition of bypass in accordance with this Section.
5. Any INDUSTRIAL USER operating under a permit incorporating equivalent mass or concentration limits calculated from a production-based Standard shall notify the Authority within two (2) business days after the USER has a reasonable basis to know that the production level will significantly change within the next calendar month. Any USER not notifying the Authority of such anticipated change will be required to meet the mass or concentration limits in its permit that were based on the original estimate of the long term average production rate.

10.05 COMMONWEALTH REQUIREMENTS

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- A. Commonwealth requirements and limitations on discharges into the Sanitary Sewerage System shall apply in any case where they are more stringent than Federal requirements and limitations or local limits.

10.06 LOCAL LIMITS

- A. The Authority is authorized to establish Local Limits pursuant to 40 CFR 403.5(c) and reserves the right to establish more stringent limitations or requirements on discharges to the Sanitary Sewerage System if deemed necessary to comply with the objectives set forth in this Section. These Local Limits can be found on the Authority's website.
- B. The POLLUTANT limits are established to protect against PASS THROUGH and INTERFERENCE in compliance with the requirements of this ordinance.
- C. The limits apply at the point where the wastewater is discharged to the TREATMENT WORKS.
- D. The Authority may develop BEST MANAGEMENT PRACTICES (BMPs), by ordinance or in INDUSTRIAL WASTEWATER DISCHARGE PERMITS to implement Local Limits and the requirements of this Section.

10.07 DILUTION

- A. No USER shall ever increase the use of process water or in any way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by a PRETREATMENT STANDARD or Requirement. The Authority may impose mass limitations on USERS who are using dilution to meet applicable PRETREATMENT STANDARDS or Requirements, or in other cases when the imposition of mass limitations is appropriate.

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SECTION 3 – PRETREATMENT OF WASTEWATER

10.08 PRETREATMENT FACILITIES

- A. USERS shall provide wastewater treatment as necessary to comply with this ordinance and shall achieve compliance with all categorical PRETREATMENT STANDARDS, Local Limits, and the prohibitions set out this Section within the time limitations specified by EPA, the State, or the Authority, whichever is more stringent. Any facilities necessary for compliance shall be provided, operated, and maintained at the USER'S expense. Detailed plans describing such facilities and operating procedures shall be submitted to the Authority for review and shall be acceptable to the Authority before such facilities are constructed. The review of such plans and operating procedures shall in no way relieve the USER from the responsibility of modifying such facilities as necessary to produce a discharge acceptable to the Authority under the provisions of this ordinance.
- B. Whenever deemed necessary, the Authority may require USERS to restrict their discharge during peak flow periods, designate that certain wastewater be discharged only into specific sewers, relocate and/or consolidate points of discharge, separate sewage waste streams from industrial waste streams, and such other conditions as may be necessary to protect the TREATMENT WORKS and determine the USER'S compliance with the requirements of this ordinance.
- C. The Authority may require any person discharging into the TREATMENT WORKS to install and maintain, on their property and at their expense, a suitable storage and flow-control facility to ensure equalization of flow.
- D. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Authority, they are necessary for the proper handling of wastewater containing excessive amounts of grease and oil, or sand; except that such interceptors shall not be required for residential USERS. All interception units shall be of a type and capacity approved by the Authority, and shall be so located to be easily accessible for cleaning and inspection. Such interceptors shall be inspected, cleaned, and repaired by the USER at their expense.

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10.09 SLUG DISCHARGE CONTROL PLAN

- A. The Authority shall evaluate whether each SIGNIFICANT INDUSTRIAL USER needs a SLUG DISCHARGE Control Plan or other action to control SLUG DISCHARGES. The Authority may require any USER to develop, submit for approval, and implement such a plan or take such other action that may be necessary to control SLUG DISCHARGES. Alternatively, the Authority may develop such a plan for any USER. A SLUG DISCHARGE Control Plan shall address, at a minimum, the following:
1. Description of discharge practices, including nonroutine batch discharges;
 2. Description of stored chemicals;
 3. Procedures for immediately notifying the Authority of any SLUG DISCHARGE, in accordance with the requirements of this Section; and
 4. Procedures to prevent adverse impact from any SLUG DISCHARGE. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic POLLUTANTS, including solvents, and/or measures and equipment for emergency response.

SECTION 4 – INDIVIDUAL WASTEWATER DISCHARGE PERMITS

10.10 WASTEWATER ANALYSIS

- A. When requested by the Authority, a USER must submit information on the nature and characteristics of its wastewater within ten (10) days of the request. The Authority is authorized to prepare a form for this purpose and may periodically require USERS to update this information.

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10.11 INDUSTRIAL WASTEWATER DISCHARGE PERMITS

- A. No SIGNIFICANT INDUSTRIAL USER shall discharge wastewater into the TREATMENT WORKS without first obtaining an INDUSTRIAL WASTEWATER DISCHARGE PERMIT from the Authority, except that a SIGNIFICANT INDUSTRIAL USER that has filed a timely application pursuant to the requirements of this Section may continue to discharge for the time period specified therein.
- B. Any violation of the terms and conditions of an individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT shall be deemed a violation of this ordinance and subjects the industrial wastewater discharge permittee to the sanctions set out in this Section. Obtaining an individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT does not relieve a permittee of its obligation to comply with all Federal and State PRETREATMENT STANDARDS or Requirements or with any other requirements of Federal, State, and local law.

10.12 PERMIT APPLICATIONS

- A. All INDUSTRIAL USERS required to obtain an INDUSTRIAL WASTEWATER DISCHARGE PERMIT shall complete and file with the Authority an application in the form prescribed by the Authority, and accompanied by a fee as set forth in the Authority's Schedule of Rates and Charges. INDUSTRIAL USERS shall apply at least 90 days prior to connecting to the Sanitary Sewerage System. In support of the application, the INDUSTRIAL USER shall submit, in units and terms appropriate for evaluation, the following information:
 - 1. Identifying Information;
 - 2. The name and address of the facility, including the name of the operator and owner.
 - 3. Contact information, description of activities, facilities, and plant production processes on the premises;

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4. Environmental Permits. A list of any environmental control permits held by or for the facility.
5. Description of Operations:
 - I. A brief description of the nature, average rate of production (including each product produced by type, amount, processes, and rate of production), and STANDARD INDUSTRIAL CLASSIFICATIONS of the operation(s) carried out by such USER. This description should include a schematic process diagram, which indicates points of discharge to the TREATMENT WORKS from the regulated processes.
 - II. Types of wastes generated, and a list of all raw materials and chemicals used or stored at the facility which are, or could accidentally or intentionally be, discharged to the TREATMENT WORKS;
 - III. Number and type of employees, hours of operation, and proposed or actual hours of operation;
 - IV. Type and amount of raw materials processed (average and maximum per day);
 - V. Site plans, floor plans, mechanical and plumbing plans, and details to show all sewers, floor drains, and appurtenances by size, location, and elevation, and all points of discharge;
6. Time and duration of discharges;
7. The location for monitoring all wastes covered by the permit;
8. Flow Measurement Information showing the measured average daily and maximum daily flow, in gallons per day, to the TREATMENT WORKS from regulated process streams and other streams;
9. Measurement of POLLUTANTS.
 - I. The categorical PRETREATMENT STANDARDS applicable to each regulated process and any new categorically regulated processes for EXISTING SOURCES.
 - II. The results of sampling and analysis identifying the nature and concentration, and/or mass, where required by the Standard or by the Authority, of regulated POLLUTANTS in the discharge from each regulated process.

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- III. Instantaneous, DAILY MAXIMUM, and long-term average concentrations, or mass, where required, shall be reported.
 - IV. The sample shall be representative of daily operations and shall be analyzed in accordance with procedures set out in this Section. Where the Standard requires compliance with a BMP or POLLUTION prevention alternative, the INDUSTRIAL USER shall submit documentation as required by the Authority or the applicable Standards to determine compliance with the Standard.
 - V. Sampling must be performed in accordance with procedures set out in this Section.
- B. Incomplete or inaccurate applications will not be processed and will be returned to the INDUSTRIAL USER for revision. The Authority will evaluate the data furnished by the INDUSTRIAL USER and may require additional information. After evaluation and acceptance of the data furnished, the Authority may issue an INDUSTRIAL WASTEWATER DISCHARGE PERMIT subject to terms and conditions provided herein.

10.13 APPLICATION SIGNATORIES AND CERTIFICATIONS

- A. All INDUSTRIAL WASTEWATER DISCHARGE PERMIT applications, USER reports and certification statements must be signed by an Authorized Representative of the USER and contain the certification statement in Section 10.25.
- B. If the designation of Authorized Representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility or overall responsibility for environmental matters for the company, a new written authorization satisfying the requirements of this Section must be submitted to the Authority prior to or together with any reports to be signed by an Authorized Representative.
- C. A facility determined to be a Non-Significant CATEGORICAL INDUSTRIAL USER by the Authority as defined in to Section 10.01 “SIGNIFICANT INDUSTRIAL USER” (3) must annually submit the signed certification statement in Section 10.25 B.

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10.14 INDUSTRIAL WASTEWATER DISCHARGE PERMIT DURATION

- A. An INDUSTRIAL WASTEWATER DISCHARGE PERMIT shall be issued for a specified time period, not to exceed five (5) years from the effective date of the permit. An individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT may be issued for a period less than five (5) years, at the discretion of the Authority. Each individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT will indicate a specific date upon which it will expire.

10.15 PERMIT CONDITIONS

- A. An INDUSTRIAL WASTEWATER DISCHARGE PERMIT shall include such conditions as are deemed reasonably necessary by the Authority to prevent PASS THROUGH or INTERFERENCE, protect the quality of the water body receiving the treatment plant's effluent, protect worker health and safety, facilitate sludge management and disposal, and protect against damage to the TREATMENT WORKS.
- B. INDUSTRIAL WASTEWATER DISCHARGE PERMITS must contain:
 - 1. A statement that indicates the INDUSTRIAL WASTEWATER DISCHARGE PERMIT issuance date, expiration date and effective date;
 - 2. A statement that the INDUSTRIAL WASTEWATER DISCHARGE PERMIT is nontransferable without prior notification to the Authority, and provisions for furnishing the new owner or operator with a copy of the existing INDUSTRIAL WASTEWATER DISCHARGE PERMIT;
 - 3. Effluent limits, including BEST MANAGEMENT PRACTICES, based on applicable PRETREATMENT STANDARDS;
 - 4. Self-monitoring, sampling, reporting, notification, and record-keeping requirements. These requirements shall include an identification of POLLUTANTS (or best management practice) to be monitored, sampling location, sampling frequency, and sample type based on Federal, State, and local law.

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5. A statement of applicable civil and criminal penalties for violation of PRETREATMENT STANDARDS and Requirements, and any applicable compliance schedule. Such schedule may not extend the time for compliance beyond that required by applicable Federal, State, or local law.
 6. Requirements to control SLUG DISCHARGE, if determined by the Authority to be necessary.
- C. INDUSTRIAL WASTEWATER DISCHARGE PERMITS may contain, but need not be limited to the following conditions:
1. Limits on the average and/or maximum rate of discharge, time of discharge, and/or requirements for flow regulation and equalization;
 2. Requirements for the installation of pretreatment technology, POLLUTION control, or construction of appropriate containment devices, designed to reduce, eliminate, or prevent the introduction of POLLUTANTS into the TREATMENT WORKS;
 3. Requirements for the development and implementation of spill control plans or other special conditions including management practices necessary to adequately prevent accidental, unanticipated, or nonroutine discharges;
 4. Development and implementation of waste minimization plans to reduce the amount of POLLUTANTS discharged to the TREATMENT WORKS;
 5. The unit charge or schedule of USER charges and fees for the management of the wastewater discharged to the TREATMENT WORKS;
 6. Requirements for installation and maintenance of inspection and sampling facilities and equipment, including flow measurement devices;
 7. A statement that compliance with the INDUSTRIAL WASTEWATER DISCHARGE PERMIT does not relieve the permittee of responsibility for compliance with all applicable Federal and State PRETREATMENT STANDARDS, including those which become effective during the term of the INDUSTRIAL WASTEWATER DISCHARGE PERMIT; and
 8. Other conditions as deemed appropriate by the Authority to ensure compliance with this ordinance, and State and Federal laws, rules, and regulations.

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10.16 PERMIT APPEALS

- A. Any person, including the USER, may petition the Authority to reconsider the terms of an INDUSTRIAL WASTEWATER DISCHARGE PERMIT within thirty (30) days of notice of its issuance.
1. Failure to submit a timely petition for review shall be deemed to be a waiver of the administrative appeal.
 2. In its petition, the appealing party must indicate the individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT provisions objected to, the reasons for this objection, and the alternative condition, if any, it seeks to place in the individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT.
 3. The effectiveness of the individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT shall not be stayed pending the appeal.
 4. If the Authority fails to act within 45 days, a request for reconsideration shall be deemed to be denied. Decisions not to reconsider an individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT, not to issue an individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or not to modify an individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT shall be considered final administrative actions for purposes of judicial review.
 5. Aggrieved parties seeking judicial review of the final administrative individual INDUSTRIAL WASTEWATER DISCHARGE PERMIT decision must do so by filing a complaint with the Court of Common Pleas of Washington County, Pennsylvania within 30 days of the date of final decision.

10.17 PERMIT MODIFICATION

- A. The Authority may modify an INDUSTRIAL WASTEWATER DISCHARGE PERMIT for good cause including, but not limited to:

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1. To incorporate any new or revised Federal, State, or local PRETREATMENT STANDARDS or requirements;
2. To address significant alterations or additions to the USER’S operations, processes, or wastewater volume or character since the time of the INDUSTRIAL WASTEWATER DISCHARGE PERMIT issuance;
3. A change in the TREATMENT WORKS that requires either a temporary or permanent reduction or elimination of the authorized discharge;
4. Information indicating that the permitted discharge poses a threat to the Authority’s TREATMENT WORKS, personnel, or the receiving waters;
5. Violation of any terms or conditions of the INDUSTRIAL WASTEWATER DISCHARGE PERMIT;
6. Misrepresentation or failure to fully disclose all relevant facts in the INDUSTRIAL WASTEWATER DISCHARGE PERMIT application or in any required report;
7. To correct typographical or other errors in the INDUSTRIAL WASTEWATER DISCHARGE PERMIT; or
8. To reflect a transfer of the facility ownership or operation to a new owner or operator, where requested.

10.18 INDUSTRIAL WASTEWATER DISCHARGE PERMIT TRANSFER

- A. INDUSTRIAL WASTEWATER DISCHARGE PERMITS may be transferred to a new owner or operator only if the permittee gives at least 90 days advance notice to the Authority and the Authority approves the INDUSTRIAL WASTEWATER DISCHARGE PERMIT transfer. The notice to the Authority must include a written certification by the new owner or operator which:
 1. State that the new owner and/or operator has no immediate intent to change the facility’s operations and processes;
 2. Identifies the specific date on which the transfer is to occur; and

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3. Acknowledges full responsibility for complying with the existing INDUSTRIAL WASTEWATER DISCHARGE PERMIT.
- B. Failure to provide advance notice of a transfer renders the INDUSTRIAL WASTEWATER DISCHARGE PERMIT void as of the date of the facility transfer.

10.19 PERMIT REVOCATION

- A. The Authority may revoke an INDUSTRIAL WASTEWATER DISCHARGE PERMIT for good cause, including but not limited to;
 1. Failure to notify the Authority of significant changes to the wastewater prior to the changed discharge;
 2. Failure to provide prior notification to the Authority of changed conditions in accordance with the requirements of this Section;
 3. Misrepresentation or failure to fully disclose all relevant facts in the INDUSTRIAL WASTEWATER DISCHARGE PERMIT application;
 4. Falsifying self-monitoring reports and certification statements;
 5. Tampering with monitoring equipment;
 6. Refusing to allow the Authority timely access to the facility premises and records;
 7. Failure to meet effluent limitations;
 8. Failure to pay fines;
 9. Failure to pay sewer charges;
 10. Failure to meet compliance schedules;
 11. Failure to complete a wastewater survey or the INDUSTRIAL WASTEWATER DISCHARGE PERMIT application;

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12. Failure to provide advance notice of the transfer of business ownership of a permitted facility; or
 13. Violation of any PRETREATMENT STANDARD or Requirement, or any terms of the INDUSTRIAL WASTEWATER DISCHARGE PERMIT or this Section.
- B. INDUSTRIAL WASTEWATER DISCHARGE PERMITS shall be voidable upon cessation of operations or transfer of business ownership. All INDUSTRIAL WASTEWATER DISCHARGE PERMITS issued to an INDUSTRIAL USER are void upon the issuance of a new INDUSTRIAL WASTEWATER DISCHARGE PERMIT to that USER.
- C. The Authority shall reinstate the INDUSTRIAL WASTEWATER DISCHARGE PERMIT or the wastewater treatment service, or water service upon proof of the elimination of the non-complying discharge. A detailed written statement submitted by the USER describing the causes of the harmful contribution and the measures taken to prevent any future occurrence shall be submitted to the Authority within 15 days of the date of occurrence.

10.20 INDIVIDUAL INDUSTRIAL WASTEWATER DISCHARGE PERMIT REISSUANCE

- A. An INDUSTRIAL USER with an expiring INDUSTRIAL WASTEWATER DISCHARGE PERMIT shall apply for INDUSTRIAL WASTEWATER DISCHARGE PERMIT reissuance by submitting a complete permit application, in accordance with the requirements of this Section, a minimum of 180 days prior to the expiration of the USER'S existing INDUSTRIAL WASTEWATER DISCHARGE PERMIT.

10.21 REGULATION OF WASTE RECEIVED FROM OTHER JURISDICTIONS

- A. If another municipality, or a USER located within another municipality, contributes wastewater to the TREATMENT WORKS, the Authority shall enter into an intermunicipal agreement with the contributing municipality.

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- B. Prior to entering into an intermunicipal agreement, the Authority shall request the following information from the contributing municipality:
 - 1. A description of the quality and volume of wastewater discharged to the TREATMENT WORKS by the contributing municipality;
 - 2. An inventory of all USERS located within the contributing municipality that are discharging to the TREATMENT WORKS; and
 - 3. Such other information as the Authority may deem necessary.
- C. Intermunicipal agreement shall contain the following conditions:
 - 1. A requirement for the contributing municipality to adopt a Municipal Industrial Pretreatment ordinance which contains requirements that are at least as stringent as this Section, inclusive of established Local Limits and Baseline Monitoring Reports (BMRs). The requirement shall specify that such ordinance must be revised, as necessary, to reflect changes made by the Authority to this Section.
 - 2. A requirement for the contributing municipality to submit a revised INDUSTRIAL USER Inventory on at least an annual basis;
 - 3. A provision specifying which pretreatment implementation activities, including INDUSTRIAL WASTEWATER DISCHARGE PERMIT issuance, inspection and sampling, and enforcement, will be conducted by the contributing municipality; which of these activities will be conducted by the Authority; and which of these activities will be conducted jointly by the contributing municipality and the Authority;
 - 4. A requirement for the contributing municipality to provide the Authority with access to all information that the contributing municipality obtains as part of its pretreatment activities;
 - 5. Limits on the nature, quality, and volume of the contributing municipality's wastewater at the point where it discharges to the TREATMENT WORKS;
 - 6. Requirements for monitoring the contributing municipality's discharge;
 - 7. A provision ensuring the Authority access to the facilities of USERS located within the contributing municipality's jurisdictional boundaries for the purpose of inspection, sampling, and any other duties deemed necessary by the Authority; and
 - 8. A provision specifying remedies available for breach of the terms of the intermunicipal agreement.

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SECTION 5 – REPORTING REQUIREMENTS

10.22 BASELINE MONITORING REPORTS

- A. Within either one hundred eighty (180) days after the effective date of a categorical PRETREATMENT STANDARD, or the final administrative decision on a category determination under 40 CFR 403.6(a)(4), whichever is later, existing CATEGORICAL INDUSTRIAL USERS currently discharging to or scheduled to discharge to the TREATMENT WORKS shall submit to the Authority a report which contains the information listed below. At least ninety (90) days prior to commencement of their discharge, NEW SOURCES, and sources that become CATEGORICAL INDUSTRIAL USERS subsequent to the promulgation of an applicable Categorical Standard, shall submit to the Authority a report which contains the information listed below. A NEW SOURCE shall report the method of pretreatment it intends to use to meet applicable CATEGORICAL STANDARDS. A NEW SOURCE also shall give estimates of its anticipated flow and quantity of POLLUTANTS to be discharged.
- B. INDUSTRIAL USERS described above shall submit the information set forth below:
 - 1. All information required in Section 10.12(A).
 - 2. Measurement of POLLUTANTS.
 - I. The USER shall provide the information required in Section 10.12(A).
 - II. The USER shall take a minimum of one representative sample to compile that data necessary to comply with the requirements of this paragraph.
 - III. Samples should be taken immediately downstream from pretreatment facilities if such exist or immediately downstream from the regulated process if no pretreatment exists. If other wastewaters are mixed with the regulated wastewater prior to pretreatment the USER should measure the flows and concentrations necessary to allow use of the combined wastestream formula in 40 CFR 403.6(e) to evaluate compliance with the PRETREATMENT STANDARDS. Where an alternate concentration or mass limit has been calculated in accordance with 40

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CFR 403.6(e) this adjusted limit along with supporting data shall be submitted to the Control Authority

- IV. Sampling and analysis shall be performed in accordance with Section 10.12(A);
 - V. The Authority may allow the submission of a baseline report which utilizes only historical data so long as the data provides sufficient information to determine the need for industrial pretreatment measures;
 - VI. The baseline report shall indicate the time, date and place of sampling and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected POLLUTANT discharges to the TREATMENT WORKS.
- 3. Compliance Certification. A statement reviewed by the USER'S Authorized Representative and certified by a qualified professional, indicating whether PRETREATMENT STANDARDS are being met on a consistent basis, and, if not, whether additional operation and maintenance (O&M) and/or additional pretreatment is required to meet the PRETREATMENT STANDARDS and Requirements.
 - 4. Compliance Schedule. If additional pretreatment and/or O&M will be required to meet the PRETREATMENT STANDARDS, the shortest schedule by which the USER will provide such additional pretreatment and/or O&M must be provided. The completion date in this schedule shall not be later than the compliance date established for the applicable PRETREATMENT STANDARD. A compliance schedule pursuant to this Section must meet the requirements set out in Section 10.23 of this ordinance.
 - 5. Signature and Report Certification. All baseline monitoring reports must be certified in accordance with Section 10.02(A)(2) of this ordinance and signed by an Authorized Representative.

10.23 COMPLIANCE SCHEDULE PROGRESS REPORTS

- A. The following conditions shall apply to the compliance schedule required by this Section:
 - 1. The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and

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operation of additional pretreatment required for the USER to meet the applicable PRETREATMENT STANDARDS (such events include, but are not limited to, hiring an engineer, completing preliminary and final plans, executing contracts for major components, commencing and completing construction, and beginning and conducting routine operation);

2. No increment referred to above shall exceed nine (9) months;
3. The USER shall submit a progress report to the Authority no later than fourteen (14) days following each date in the schedule and the final date of compliance including, as a minimum, whether or not it complied with the increment of progress, the reason for any delay, and, if appropriate, the steps being taken by the USER to return to the established schedule; and
4. In no event shall more than nine (9) months elapse between such progress reports to the Authority.

10.24 REPORTS ON COMPLIANCE WITH CATEGORICAL PRETREATMENT STANDARD DEADLINE

- A. Within ninety (90) days following the date for final compliance with applicable categorical PRETREATMENT STANDARDS, or in the case of a NEW SOURCE following commencement of the introduction of wastewater into the TREATMENT WORKS, any USER subject to such PRETREATMENT STANDARDS and Requirements shall submit to the Authority a report containing the information described in Section 10.12 A(6) and A(7) and 10.22 B(2) of this ordinance. For USERS subject to equivalent mass or concentration limits established in accordance with the procedures in Section 10.04, this report shall contain a reasonable measure of the USER'S long-term production rate. For all other USERS subject to categorical PRETREATMENT STANDARDS expressed in terms of allowable POLLUTANT discharge per unit of production (or other measure of operation), this report shall include the USER'S actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with Section 10.26 of this ordinance. All sampling will be done in conformance with Section 10.24.

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10.25 PERIODIC COMPLIANCE REPORTS

- A. Except as specified above, all SIGNIFICANT INDUSTRIAL USERS must, at a frequency determined by the Authority submit no less than two (2) Periodic Compliance Reports per year indicating the nature, concentration of POLLUTANTS in the discharge which are limited by PRETREATMENT STANDARDS, and the measured or estimated average and maximum daily flows for the reporting period. In cases where the PRETREATMENT STANDARD requires compliance with a Best Management Practice (BMP) or POLLUTION prevention alternative, the USER must submit documentation required by the Authority or the PRETREATMENT STANDARD necessary to determine the compliance status of the USER.
- B. The Authority reserves the right to reduce the frequency requirement for Periodic Compliance Reports to one (1) per year, unless required more frequently in the PRETREATMENT STANDARD, required more frequently by the US EPA or in situations where the INDUSTRIAL USER'S total categorical wastewater flow exceeds any of the following:
 - 1. 0.01 percent of the Treatment Work's design dry weather hydraulic capacity of the TREATMENT WORKS, or five thousand (5,000) gallons per day, whichever is smaller, as measured by a continuous effluent flow monitoring device unless the INDUSTRIAL USER discharges in batches.
 - 2. 0.01 percent of the design dry-weather organic treatment capacity of the TREATMENT WORKS; and
 - 3. 0.01 percent of the maximum allowable headworks loading for any POLLUTANT regulated by the applicable categorical PRETREATMENT STANDARD for which approved Local Limits were developed.
- C. Reduced reporting is not available to INDUSTRIAL USERS that have in the last two (2) years been in Significant Noncompliance, as described by this Section. In addition, reduced reporting is not available to an INDUSTRIAL USER with daily flow rates, production levels, or POLLUTANT levels that vary so significantly that, in the opinion of the Authority, decreasing the reporting requirement for this INDUSTRIAL USER would result in data that are not representative of conditions occurring during the reporting period.
- D. All periodic compliance reports must be signed and certified in accordance with the requirements of this Section.

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- E. All wastewater samples must be representative of the USER'S discharge. Wastewater monitoring and flow measurement facilities shall be properly operated, kept clean, and maintained in good working order at all times. The failure of a USER to keep its monitoring facility in good working order shall not be grounds for the USER to claim that sample results are unrepresentative of its discharge.
- F. If a USER subject to the reporting requirement in this section monitors any regulated POLLUTANT at the appropriate sampling location more frequently than required by the Authority, the results of this monitoring shall be included in the report.
- G. Periodic Compliance Reports shall be submitted to the Authority in the following manner:
 - 1. Submit a hard copy with wet signatures to the Authority
 - 2. Submit a courtesy copy electronically via email to the Executive Director
 - 3. Obtain confirmation of receipt from the Executive Director
 - 4. Receive review/approval from the Executive Director

10.26 REPORTS OF CHANGED CONDITIONS

- A. Each USER must notify the Authority of any significant changes to the USER'S operations or system which might alter the nature, quality, or volume of its wastewater at least thirty (30) days before the change.
 - 1. The Authority may require the USER to submit such information as may be deemed necessary to evaluate the changed condition, including the submission of an INDUSTRIAL WASTEWATER DISCHARGE PERMIT Application.
 - 2. The Authority may issue an INDUSTRIAL WASTEWATER DISCHARGE PERMIT or modify an existing INDUSTRIAL WASTEWATER DISCHARGE PERMIT in response to changed conditions or anticipated changed conditions.

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10.27 REPORTS OF POTENTIAL PROBLEMS

- A. In the case of any discharge, including, but not limited to, accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, a SLUG DISCHARGE or SLUG LOAD, that might cause potential problems for the TREATMENT WORKS, the USER shall immediately telephone and notify the Authority of the incident. This notification shall include the location of the discharge, type of waste, concentration and volume, if known, and corrective actions taken by the USER.
- B. Within five (5) days following such discharge, the USER shall, unless waived by the Authority, submit a detailed written report describing the cause(s) of the discharge and the measures to be taken by the USER to prevent similar future occurrences. Such notification shall not relieve the USER of any expense, loss, damage, or other liability which might be incurred as a result of damage to the TREATMENT WORKS, natural resources, or any other damage to person or property; nor shall such notification relieve the USER of any fines, penalties, or other liability which may be imposed pursuant to this ordinance.
- C. A notice shall be permanently posted on the USER'S bulletin board or another prominent place advising employees who to call in the event of a discharge described above. Employers shall ensure that all employees who could cause such a discharge to occur are advised of the emergency notification procedure.
- D. SIGNIFICANT INDUSTRIAL USERS are required to notify the Authority immediately of any changes at its facility affecting the potential for a SLUG DISCHARGE.

10.28 REPORTS FROM UNPERMITTED USERS

- A. All USERS not required to obtain an INDUSTRIAL WASTEWATER DISCHARGE PERMIT shall provide appropriate reports to the Authority, as the Authority may require.

10.29 NOTICE OF VIOLATION/REPEAT SAMPLING AND REPORTING

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- A. If sampling performed by a USER indicates a violation, the USER must notify the Authority within twenty-four (24) hours of becoming aware of the violation. The USER shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Authority within thirty (30) days after becoming aware of the violation. Resampling by the INDUSTRIAL USER is not required if the Authority performs sampling at the USER'S facility at least once a month, or if the Authority performs sampling at the USER between the time when the initial sampling was conducted and the time when the USER or the Authority receives the results of this sampling, or if the Authority has performed the sampling and analysis in lieu of the INDUSTRIAL USER.

10.30 NOTIFICATION OF THE DISCHARGE OF HAZARDOUS WASTE

- A. Any USER who commences the discharge of hazardous waste shall notify the Authority, the EPA Regional Waste Management Division Director, and State hazardous waste authorities, in writing, of any discharge into the TREATMENT WORKS of a substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR Part 261. Such notification must include the name of the hazardous waste as set forth in 40 CFR Part 261, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other). If the USER discharges more than one hundred (100) kilograms of such waste per calendar month to the TREATMENT WORKS, the notification also shall contain the following information to the extent such information is known and readily available to the USER: an identification of the hazardous constituents contained in the wastes, an estimation of the mass and concentration of such constituents in the waste stream discharged during that calendar month, and an estimation of the mass of constituents in the waste stream expected to be discharged during the following twelve (12) months. All notifications must take place no later than one hundred and eighty (180) days after the discharge commences. Any notification under this paragraph need be submitted only once for each hazardous waste discharged. However, notifications of changed conditions must be submitted per the requirements of this Section. The notification requirement in this Section does not apply to POLLUTANTS already reported by USERS subject to categorical PRETREATMENT STANDARDS under the self-monitoring requirements of this Section.
- B. Discharges are exempt from the requirements of paragraph A above, during a calendar month in which they discharge no more than fifteen (15) kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e).

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Discharge of more than fifteen (15) kilograms of nonacute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one-time notification. Subsequent months during which the USER discharges more than such quantities of any hazardous waste do not require additional notification.

- C. In the case of any new regulations under section 3001 of RCRA identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the USER must notify the Authority, the EPA Regional Waste Management Waste Division Director, and State hazardous waste authorities of the discharge of such substance within ninety (90) days of the effective date of such regulations.
- D. In the case of any notification made under this Section, the USER shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical.
- E. This provision does not create a right to discharge any substance not otherwise permitted to be discharged by this ordinance, a permit issued thereunder, or any applicable Federal or State law.

10.31 ANALYTICAL REQUIREMENTS

- A. All POLLUTANT analyses, including sampling techniques, to be submitted as part of an INDUSTRIAL WASTEWATER DISCHARGE PERMIT application or report shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto, unless otherwise specified in an applicable categorical PRETREATMENT STANDARD. If 40 CFR Part 136 does not contain sampling or analytical techniques for the POLLUTANT in question, or where the EPA determines that the Part 136 sampling and analytical techniques are inappropriate for the POLLUTANT in question, sampling and analyses shall be performed by using validated analytical methods or any other applicable sampling and analytical procedures, including procedures suggested by the Authority or other parties approved by EPA.

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10.32 SAMPLE COLLECTION

- A. Samples collected to satisfy reporting requirements must be based on data obtained through appropriate sampling and analysis performed during the period covered by the report, based on data that is representative of conditions occurring during the reporting period.
1. Except as indicated below, the USER must collect wastewater samples using 24-hour flow-proportional composite sampling techniques, unless time-proportional composite sampling or grab sampling is authorized by the Authority. Where time-proportional composite sampling or grab sampling is authorized by the Authority, the samples must be representative of the discharge. Using protocols (including appropriate preservation) specified in 40 CFR Part 136 and appropriate EPA guidance, multiple grab samples collected during a 24-hour period may be composited prior to the analysis as follows: for cyanide, total phenols, and sulfides the samples may be composited in the laboratory or in the field; for volatile organics and oil and grease, the samples may be composited in the laboratory. Composite samples for other parameters unaffected by the compositing procedures as documented in approved EPA methodologies may be authorized by the Authority, as appropriate. In addition, grab samples may be required to show compliance with Instantaneous Limits.
 2. Samples for oil and grease, temperature, pH, cyanide, total phenols, sulfides, and volatile organic compounds must be obtained using grab collection techniques.
 3. For sampling required in support of baseline monitoring and 90-day compliance reports required in Section 10.22 and 10.24, a minimum of four (4) grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide and volatile organic compounds for facilities for which historical sampling data do not exist; for facilities for which historical sampling data are available, the Authority may authorize a lower minimum. The INDUSTRIAL USER is required to collect the number of grab samples necessary to assess and assure compliance by with applicable PRETREATMENT STANDARDS and Requirements.

10.33 RECORD KEEPING

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- A. USERS subject to the reporting requirements of this ordinance shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by this ordinance, any additional records of information obtained pursuant to monitoring activities undertaken by the USER independent of such requirements, and documentation associated with BEST MANAGEMENT PRACTICES. Records shall include the date, exact place, method, and time of sampling, and the name of the person(s) taking the samples; the dates analyses were performed; who performed the analyses; the analytical techniques or methods used; and the results of such analyses. These records shall remain available for a period of at least three (3) years. This period shall be automatically extended for the duration of any litigation concerning the USER or the Authority, or where the USER has been specifically notified of a longer retention period by the Authority.

10.34 CERTIFICATION STATEMENTS

- A. Certification of Permit Applications, USER Reports and Initial Monitoring Waiver—The following certification statement is required to be signed and submitted by USERS submitting Permit Applications, Baseline Monitoring Reports, Reports on Compliance with the Categorical PRETREATMENT STANDARD deadlines and USERS submitting Periodic Compliance Reports. The following certification statement must be signed by an Authorized Representative.
 - 1. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.
- B. Annual Certification for Non-Significant CATEGORICAL INDUSTRIAL USERS – A facility determined to be a Non Significant CATEGORICAL INDUSTRIAL USER by the Authority must annually submit the following certification statement signed by an Authorized Representative. This certification must accompany an alternative report required by the Authority:

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1. Based on my inquiry of the person or persons directly responsible for managing compliance with the categorical PRETREATMENT STANDARDS under 40 CFR ____, I certify that, to the best of my knowledge and belief that during the period from _____, _____ to _____, _____ [months, days, year]:
 - I. The facility described as _____ [facility name] met the definition of a Non Significant CATEGORICAL INDUSTRIAL USER;
 - II. The facility complied with all applicable PRETREATMENT STANDARDS and Requirements during this reporting period; and
 - III. The facility never discharged more than 100 gallons of total categorical wastewater on any given day during this reporting period.

SECTION 6 – COMPLIANCE MONITORING

10.35 RIGHT OF ENTRY

- A. The Authority shall have the right to enter the premises of any USER to determine whether the USER is complying with all requirements of this ordinance and any INDUSTRIAL WASTEWATER DISCHARGE PERMIT or order issued hereunder. USERS shall allow the Authority ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties.
 1. Where a USER has security measures in force which require proper identification and clearance before entry into its premises, the USER shall make necessary arrangements with its security guards so that, upon presentation of suitable identification, the Authority shall be permitted to enter without delay for the purposes of performing specific responsibilities.
 2. The Authority shall have the right to set up on the USER'S property, or require installation of, such devices as are necessary to conduct sampling and/or metering of the USER'S operations.

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3. The Authority may require the USER to install monitoring equipment as necessary. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the USER at its own expense. All devices used to measure wastewater flow and quality shall be calibrated annually to ensure their accuracy.
4. There shall be ample room in or near such sampling manhole or facility to allow accurate sampling and preparation of samples for analysis.
5. Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or sampled shall be promptly removed by the USER at the written or verbal request of the Authority and shall not be replaced. The costs of clearing such access shall be born by the USER.
6. Unreasonable delays in allowing the Authority access to the USER'S premises shall be a violation of this ordinance.
7. All sampling and monitoring facilities shall be provided in accordance with the Authority's requirements and all applicable Municipal construction standards and specifications. Construction shall be completed within 90 days following written notification by the Authority.

10.36 SEARCH WARRANTS

- A. If the Authority has been refused access to a building, structure, or property, or any part thereof, and is able to demonstrate probable cause to believe that there may be a violation of this ordinance, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program of the Authority designed to verify compliance with this ordinance or any permit or order issued hereunder, or to protect the overall public health, safety and welfare of the community, the Authority may seek issuance of a search warrant from the Court of Common Pleas of Washington County, Pennsylvania.

SECTION 7 – CONFIDENTIAL INFORMATION

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10.37 CONFIDENTIAL INFORMATION

- A. Information and data on a USER obtained from reports, surveys, INDUSTRIAL WASTEWATER DISCHARGE PERMIT applications, INDUSTRIAL WASTEWATER DISCHARGE PERMITS, and monitoring programs, and from the Authority's inspection and sampling activities, shall be available to the public without restriction, unless the USER specifically requests, and is able to demonstrate to the satisfaction of the Authority, that the release of such information would divulge information, processes, or methods of production entitled to protection as trade secrets under applicable State law. Any such request must be asserted at the time of submission of the information or data. When requested and demonstrated by the USER furnishing a report that such information should be held confidential, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made available immediately upon request to governmental agencies for uses related to the NPDES program or pretreatment program, and in enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics and other effluent data, as defined at 40 CFR 2.302 shall not be recognized as confidential information and shall be available to the public without restriction.

SECTION 8 – PUBLICATION OF USERS IN SIGNIFICANT NONCOMPLIANCE

10.38 PUBLICATION OF USERS IN SIGNIFICANT NONCOMPLIANCE

- A. The Authority shall publish annually in a newspaper of general circulation that provides meaningful public notice within the jurisdictions served by the Authority, a list of the USERS which, at any time during the previous twelve (12) months, were in Significant Noncompliance with applicable PRETREATMENT STANDARDS and Requirements. The term Significant Noncompliance shall be applicable to all SIGNIFICANT INDUSTRIAL USERS (or any other INDUSTRIAL USER that violates paragraphs 3, 4, or 8 below) and shall mean:

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1. Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent (66%) or more of all the measurements taken for the same POLLUTANT parameter taken during a six (6) month period exceed (by any magnitude) a numeric PRETREATMENT STANDARD or Requirement, including Instantaneous Limits;
2. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent (33%) or more of wastewater measurements taken for each POLLUTANT parameter during a six (6) month period equals or exceeds the product of the numeric PRETREATMENT STANDARD or Requirement including Instantaneous Limits, multiplied by the applicable criteria (1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other POLLUTANTS except pH);
3. Any other violation of a PRETREATMENT STANDARD or Requirement (DAILY MAXIMUM, long-term average, Instantaneous Limit, or narrative standard) that the Authority determines has caused, alone or in combination with other discharges, INTERFERENCE or PASS THROUGH, including endangering the health of TREATMENT WORKS personnel or the general public;
4. Any discharge of a POLLUTANT that has caused imminent endangerment to the public or to the environment, or has resulted in the Authority's exercise of its emergency authority to halt or prevent such a discharge;
5. Failure to meet, within ninety (90) days of the scheduled date, a compliance schedule milestone contained in an INDUSTRIAL WASTEWATER DISCHARGE PERMIT or enforcement order for starting construction, completing construction, or attaining final compliance;
6. Failure to provide within forty-five (45) days after the due date, any required reports, including baseline monitoring reports, reports on compliance with categorical PRETREATMENT STANDARD deadlines, periodic self-monitoring reports, and reports on compliance with compliance schedules;
7. Failure to accurately report noncompliance; or
8. Any other violation(s) which may include a violation of BEST MANAGEMENT PRACTICES, which the Authority determines will adversely affect the operation or implementation of the local pretreatment program.

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10.39 NOTIFICATION OF VIOLATION

- A. When the Authority finds that a USER has violated, or continues to violate, any provision of this ordinance, an INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or order issued hereunder, or any other PRETREATMENT STANDARD or Requirement, the Authority may serve upon that USER a written Notice of Violation. Within thirty (30) days of receipt of such notice, an explanation of the violation and a plan for the satisfactory correction and prevention thereof, to include specific required actions, shall be submitted by the USER to the Authority. Submission of such a plan in no way relieves the USER of liability for any violations occurring before or after receipt of the Notice of Violation. Nothing in this Section shall limit the authority of the Authority to take any action, including emergency actions or any other enforcement action, without first issuing a Notice of Violation.

SECTION 9 – ADMINISTRATIVE ENFORCEMENT REMEDIES

10.40 CONSENT ORDERS

- A. The Authority may enter into Consent Orders, assurances of compliance, or other similar documents establishing an agreement with any USER responsible for noncompliance. Such documents shall include specific action to be taken by the USER to correct the noncompliance within a time period specified by the document. Such documents shall have the same force and effect as the Administrative Orders described in this Section and shall be judicially enforceable.

10.41 SHOW CAUSE HEARINGS

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- A. The Authority may order any USER who causes or allows an unauthorized discharge to enter the TREATMENT WORKS to show cause before the Board or its designee why the proposed enforcement action should not be taken. A notice shall be served on the USER specifying the time and place of a hearing to be held by the Board or its designee regarding the violation, the reasons why the action is to be taken, the proposed enforcement action, and directing the USER to show cause before the Board or its designee why the proposed enforcement action should not be taken. The notice of the hearing shall be served personally or by registered or certified mail (return receipt requested) at least ten (10) days before the hearing date. Service may be made on any agent or officer of a corporation.
- B. The Board may conduct the hearing and take the evidence, or may designate any of its members or any officer or employee of the Authority to:
 - 1. Issue in the name of the Board notices of hearings requesting the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in such hearings;
 - 2. Take evidence and;
 - 3. Transmit a report of the evidence and hearing, including transcripts and other evidence, together with recommendations to the Board for action thereon.
- C. At any hearing held pursuant to this Section, testimony taken must be under oath and may be recorded stenographically or otherwise.
- D. After the Board has reviewed the evidence, and recommendations, if any, it may issue an order to the USER responsible for the discharge directing that, following a specified time period, the INDUSTRIAL WASTEWATER DISCHARGE PERMIT be revoked and sewer service be discontinued unless adequate treatment facilities, devices or other related appurtenances shall have been installed or existing treatment facilities, devices or other related appurtenances are properly operated. The Authority may issue further orders or directives as are necessary or appropriate under the circumstances.
- E. In the case of any hearing convened to consider enforcement action against a USER served by another municipality or Authority, a copy of the notice of such hearing will be served on such Authority and a representative of such Authority shall be entitled to be present at and to participate in such hearing to the same extent that such representative would be entitled to participate if such representative were a member of the Board, including the right to vote on any motion involving enforcement action.

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10.42 COMPLIANCE ORDERS

- A. When the Authority finds that a USER has violated, or continues to violate, any provision of this Section, an INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or order issued hereunder, or any other PRETREATMENT STANDARD or Requirement, the Authority may issue an order to the USER responsible for the discharge directing that the USER come into compliance within a specified time. If the USER does not come into compliance within the time provided, sewer service may be discontinued unless adequate treatment facilities, devices, or other related appurtenances are installed and properly operated. Compliance orders also may contain other requirements to address the noncompliance, including additional self-monitoring and management practices designed to minimize the amount of POLLUTANTS discharged to the sewer. A compliance order may not extend the deadline for compliance established for a PRETREATMENT STANDARD or Requirement, nor does a compliance order relieve the USER of liability for any violation, including any continuing violation. Issuance of a compliance order shall not be a bar against, or a prerequisite for, taking any other action against the USER.

10.43 CEASE AND DESIST ORDERS

- A. When the Authority finds that a USER has violated, or continues to violate, any provision of this Section, an INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or order issued hereunder, or any other PRETREATMENT STANDARD or Requirement, or that the USER'S past violations are likely to recur, the Authority may issue an order to the USER directing it to cease and desist all such violations and directing the USER to:
1. Immediately comply with all requirements; and
 2. Take such appropriate remedial or preventive action as may be needed to properly address a continuing or threatened violation, including halting operations and/or terminating the discharge. Issuance of a cease and desist order shall not be a bar against, or a prerequisite for, taking any other action against the USER.

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10.44 ADMINISTRATIVE FINES

- A. When the Authority finds that a USER has violated, or continues to violate, any provision of this ordinance, an INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or order issued hereunder, or any other PRETREATMENT STANDARD or Requirement, the Authority may fine such USER in an amount not to exceed \$25,000.00. Such fines shall be assessed on a per-violation or per-day basis. In the case of monthly or other long-term average discharge limits, fines shall be assessed for each day during the period of violation.
- B. Issuance of an administrative fine shall not be a bar against, or a prerequisite for, taking any other action against the USER.

10.45 EMERGENCY SUSPENSIONS

- A. The Authority may immediately suspend a USER'S discharge, after informal notice to the USER, whenever such suspension is necessary to stop an actual or threatened discharge, which reasonably appears to present, or cause an imminent or substantial endangerment to the health or welfare of persons. The Authority may also immediately suspend a USER'S discharge, after notice and opportunity to respond, that threatens to interfere with the operation of the TREATMENT WORKS, or which presents, or may present, an endangerment to the environment.
 - 1. Any USER notified of a suspension of its discharge shall immediately stop or eliminate its contribution. In the event of a USER'S failure to immediately comply voluntarily with the suspension order, the Authority may take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the TREATMENT WORKS, its receiving stream, or endangerment to any individuals. The Authority may allow the USER to recommence its discharge when the USER has demonstrated to the satisfaction of the Authority that the period of endangerment has passed, unless the termination proceedings in Section 10.46 of this ordinance are initiated against the USER.
 - 2. A USER that is responsible, in whole or in part, for any discharge presenting imminent endangerment shall submit a detailed written statement, describing the causes of the

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harmful contribution and the measures taken to prevent any future occurrence, to the Authority prior to the date of any show cause or termination hearing.

- B. Nothing in this Section shall be interpreted as requiring a hearing prior to any Emergency Suspension under this Section.

10.46 TERMINATION OF DISCHARGE

- A. In addition to the Permit Revocation provisions, any USER who violates the following conditions is subject to discharge termination:
 - 1. Violation of INDUSTRIAL WASTEWATER DISCHARGE PERMIT conditions;
 - 2. Failure to accurately report the wastewater constituents and characteristics of its discharge;
 - 3. Failure to report significant changes in operations or wastewater volume, constituents, and characteristics prior to discharge;
 - 4. Refusal of reasonable access to the USER'S premises for the purpose of inspection, monitoring, or sampling; or
 - 5. Violation of PRETREATMENT STANDARDS.
- B. Such USER will be notified of the proposed termination of its discharge and be offered an opportunity to show cause on why the proposed action should not be taken. Exercise of this option by the Authority shall not be a bar to, or a prerequisite for, taking any other action against the USER.

SECTION 10 – JUDICIAL ENFORCEMENT REMEDIES

10.47 INJUNCTIVE RELIEF

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- A. When the Authority finds that a USER has violated, or continues to violate, any provision of this ordinance, an INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or order issued hereunder, or any other PRETREATMENT STANDARD or Requirement, the Authority may petition the Court of Common Pleas of Washington County, Pennsylvania through the Authority's Attorney for the issuance of a temporary or permanent injunction, as appropriate, which restrains or compels the specific performance of the INDUSTRIAL WASTEWATER DISCHARGE PERMIT, order, or other requirement imposed by this ordinance on activities of the USER. The Authority may also seek such other action as is appropriate for legal and/or equitable relief, including a requirement for the USER to conduct environmental remediation. A petition for injunctive relief shall not be a bar against, or a prerequisite for, taking any other action against a USER.

10.48 CIVIL PENALTIES

- A. A USER who has violated, or continues to violate, any provision of this ordinance, an INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or order issued hereunder, or any other PRETREATMENT STANDARD or Requirement shall be liable to the Authority for a maximum civil penalty of \$25,000.00, but not less than \$1,000, per violation, per day. In the case of a monthly or other long-term average discharge limit, penalties shall accrue for each day during the period of the violation.
- B. The Authority may recover reasonable attorneys' fees, court costs, and other expenses associated with enforcement activities, including sampling and monitoring expenses, and the cost of any actual damages incurred by the Authority.
- C. In determining the amount of civil liability, the Court shall take into account all relevant circumstances, including, but not limited to, the extent of harm caused by the violation, the magnitude and duration of the violation, any economic benefit gained through the USER'S violation, corrective actions by the USER, the compliance history of the USER, and any other factor as justice requires.
- D. Filing a suit for civil penalties shall not be a bar against, or a prerequisite for, taking any other action against a USER.

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10.49 CRIMINAL PROSECUTION

- A. A USER who willfully or negligently violates any provision of this ordinance, an INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or order issued hereunder, or any other PRETREATMENT STANDARD or Requirement shall, upon conviction, be guilty of a misdemeanor, punishable by a fine of not more than \$1,000 per day per violation, per day, or imprisonment for not more than 90 days, or both.
- B. A USER who willfully or negligently introduces any substance into the TREATMENT WORKS which causes personal injury or property damage shall, upon conviction, be guilty of a misdemeanor and be subject to a penalty of at least \$1,000 per day, or be subject to imprisonment for not more than 90 days, or both. This penalty shall be in addition to any other cause of action for personal injury or property damage available under State law.
- C. A USER who knowingly makes any false statements, representations, or certifications in any application, record, report, plan, or other documentation filed, or required to be maintained, pursuant to this ordinance, INDUSTRIAL WASTEWATER DISCHARGE PERMIT, or order issued hereunder, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this ordinance shall, upon conviction, be punished by a fine of not more than \$1,000 per day per violation, per day, or imprisonment for not more than 90 days, or both.
- D. In the event of a second conviction, a USER shall be punished by a fine of not more than \$1,000 per day per violation, per day, or imprisonment for not more than 90 days, or both.

10.50 REMEDIES NONEXCLUSIVE

- A. The remedies provided for in this ordinance are not exclusive. The Authority may take any, all, or any combination of these actions against a noncompliant USER. Enforcement of pretreatment violations will generally be in accordance with the Authority's Enforcement Response Plan. However, the Authority may take other action against any USER when the circumstances warrant. Further, the Authority is empowered to take more than one enforcement action against any noncompliant USER.

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SECTION 11 – AFFIRMATIVE DEFENSES TO DISCHARGE VIOLATIONS

10.51 UPSET

- A. For the purposes of this Section, upset means an exceptional incident in which there is unintentional and temporary noncompliance with categorical PRETREATMENT STANDARDS because of factors beyond the reasonable control of the USER. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
- B. An upset shall constitute an affirmative defense to an action brought for noncompliance with categorical PRETREATMENT STANDARDS if the requirements of paragraph C, below, are met.
- C. A USER who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - 1. An upset occurred and the USER can identify the cause(s) of the upset;
 - 2. The facility was at the time being operated in a prudent and workman-like manner and in compliance with applicable operation and maintenance procedures; and
 - 3. The User has orally notified the Authority within twenty-four (24) hours of becoming aware of the upset and a written submission has been provided within five (5) days of the upset with the following information:
 - I. A description of the INDIRECT DISCHARGE and cause of noncompliance;
 - II. The period of noncompliance, including exact dates and time or, if not corrected, the anticipated time the noncompliance is expected to continue; and
 - III. Steps being taken and/or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

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- D. In any enforcement proceeding, the USER seeking to establish the occurrence of an upset shall have the burden of proof.
- E. USERS shall have the opportunity for a judicial determination on any claim of upset only in an enforcement action brought for noncompliance with categorical PRETREATMENT STANDARDS.
- F. USERS shall control production of all discharges to the extent necessary to maintain compliance with categorical PRETREATMENT STANDARDS upon reduction, loss, or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost, or fails.

10.52 BYPASS

- A. For purposes of this Section,
 - 1. Bypass means the intentional diversion of waste streams from any portion of a USER'S treatment facility.
 - 2. Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- B. A USER may allow any bypass to occur which does not cause PRETREATMENT STANDARDS or Requirements to be violated, but only if it is also for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of paragraphs (C) and (D) of this Section.
- C. Bypass Notifications
 - 1. If a USER knows in advance of the need for a bypass, it shall submit prior notice to the Authority, at least ten (10) days before the date of the bypass, if possible.

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2. A USER shall submit oral notice to the Authority of an unanticipated bypass that exceeds applicable PRETREATMENT STANDARDS within twenty-four (24) hours from the time it becomes aware of the bypass. A written submission shall also be provided within five (5) days of the time the USER becomes aware of the bypass. The written submission shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times, and, if the bypass has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The Authority may waive the written report on a case-by-case basis if the oral report has been received within twenty-four (24) hours.

D. Bypass

1. Bypass is prohibited, and the Authority may take an enforcement action against a USER for a bypass, unless
 - I. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - II. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - III. The USER submitted notices as required under paragraph (C) of this section.
2. The Authority may approve an anticipated bypass, after considering its adverse effects, if the Authority determines that it will meet the three conditions listed in paragraph (D)(1) of this Section.

SECTION 12 – MISCELLANEOUS PROVISIONS

10.53 COSTS

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- A. Any USER found by the Authority to be in violation of any provision of this Section shall pay to the Authority immediately upon demand by it an amount equal to all overhead, administrative, engineering, legal and other costs incurred by the Authority, in connection with or as a result of, directly or indirectly, any such violation, including without limitation, all fines and penalties imposed against the Authority by EPA or PADEP or any court or any other governmental body having jurisdiction over the Authority.

10.54 SEVERABILITY

- A. If any provision, paragraph, word, Section, Subsection or article of this Section 10 is invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, words, Sections and Subsections shall not be affected and shall continue in full force and effect.

10.55 CONFLICT

- A. All other provisions, Sections or Subsections of these Rules and Regulations inconsistent or conflicting with any part of this Section are hereby repealed to the extent of such inconsistency or conflict.

10.56 EFFECTIVE DATE

- A. This Section shall become effective immediately upon its adoption by the Board of the Authority.

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10.57 FEES

- A. It is the purpose of this Subsection to provide for the recovery of costs from USERS of the Sanitary Sewerage System for the implementation of the pretreatment program established in this Section. The applicable charges or fees shall be set forth in the Authority's Schedule of Rates and Charges.
- B. The Authority may adopt charges and fees which may include:
 - 1. fees for reimbursement of costs of setting up and operating the Authority's pretreatment program;
 - 2. fees for monitoring, inspections and surveillance procedures;
 - 3. fees for reviewing accidental discharge procedures and construction;
 - 4. fees for permit applications;
 - 5. fees for filing appeals;
 - 6. fees for consistent removal (by the Authority) of POLLUTANTS otherwise subject to Federal PRETREATMENT STANDARDS and
 - 7. other fees as the Authority may deem necessary to carry out the requirements contained herein.
- C. Fees and charges established hereunder relate solely to the matters covered by this Section 10 and are separate from all other fees and charges which may be imposed by the Authority upon USERS of the Sanitary Sewerage System.

END OF SECTION

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SECTION 11 – MISCELLANEOUS REGULATIONS

11.00 INDEX

11.01 PURPOSE

11.02 GENERAL REQUIREMENTS

11.01 PURPOSE

- A. This Section sets forth the Miscellaneous Regulations requirements of the Sewer Use Rules and Regulations for the Authority.

11.02 GENERAL REQUIREMENTS

- A. Authorized employees of the Authority shall have access to the customer's premises at all reasonable hours and after the provision of reasonable notice for the purpose of inspection, repair and/or replacement of service lines, service line extensions, building sewers, manholes and other appurtenances; observation, measurement, sampling and testing of sewage or industrial wastes; and any other justifiable purposes.
- B. The Authority shall have the right to make such excavations as are required for the proper execution of the work.
- C. No workmen, owner or tenant, or other unauthorized person shall interfere with the Authority's property, or do work on service line connections, service line extensions, building sewers and such other facilities, except in accordance with requirements as previously set forth. The violation of the foregoing may result in termination of service, at the option of the Authority.
- D. No unauthorized 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 sewage works facilities, including the building sewers and such other service facilities. Any person violating this provision of these Rules and Regulations shall be subject to immediate arrest under applicable provisions of the Pennsylvania Criminal Code.

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- E. The Authority will consider a request to discontinue billing for sewer services in the event any premises is going to be vacant, or if the premises is unlivable and/or will be demolished or repaired.
- F. In order for billing to be discontinued for a vacant home, a premises owner must discontinue and cap all sink drains; remove the toilet and cap or plug opening; and verify that water service has been disconnected. The premises owner must then notify the Authority to schedule an inspector to visit the site to confirm that all of the appropriate measures have been taken.
- G. In the case of any dilapidated premises, the inspector will visit the site and make a determination as to whether it is in a livable condition. In situations where a premises owner is reducing the number of rental units, the inspector may also request that separate kitchen facilities be removed and capped.
- H. In all situations, the premises owner will be given a form to sign, agreeing to notify the Authority in the event the premises is re-occupied. The form also states that the premises owner will be responsible for all billing, back to the original date, in the event the unit is occupied without notifying the Authority. All notifications to the Authority must be by Certified Mail. Billing will be discontinued as of the date of the inspector's visit and approval. No credits will be issued for service prior to that date.
- I. No agent or employee of the Authority shall have the power to bind the Authority by any promise, agreement or representation not provided for in these Rules and Regulations without approval of the Board of the Authority.
- J. All notices and bills relating to the Authority or its business shall be deemed to have been properly served if left upon the premises, or if mailed to the premises owner, or directed to or left at the address for the premises or the owner, as shown on the records of the Authority.
- K. The Authority will send all such notices and bills to the address given on the application for sewer service until a notice of change of address, in writing, has been filed with the Authority by the applicant.
- L. All notices of general character, affecting or likely to affect a large number of customers or owners of premises, shall be deemed to have been properly given or served if advertised in the newspaper designated by the Authority.
- M. Complaints concerning service or of bills rendered must be made in writing and delivered to the main office of the Authority.
- N. Nothing in these Rules, nor any contract, nor representation, verbal or written, of the Authority or any of its employees shall be taken or construed in any manner to be or constitute a guarantee to provide unreasonable sewer capacities or facilities, whether for domestic, commercial,

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industrial, manufacturing or other general uses, or for any other special purposes; but the Authority will at all times and under all conditions endeavor to maintain the efficiency of its service.

- O. The Authority shall have the right to restrict the use of sewers as to capacity and character of sewage.
- P. The Commonwealth of Pennsylvania and any agency thereof is entitled to a 30-day period from the due date of any bill, within which it may pay for water or sewage service without the imposition of a penalty.
- Q. Pursuant to Section 5607(d)(17) of the Municipality Authorities Act of 2001, June 19, P.L. 287, No. 22, as amended, any person who shall violate any of the provisions of these Rules and Regulations shall, upon conviction thereof, be sentenced to pay a fine of not more than three hundred dollars (\$300.00), plus the costs of prosecution, provided that each day a violation shall continue, after notice thereof by the Authority, shall constitute a separate offense subject to a total fine of not more than one thousand dollars (\$1,000.00) in any instance; and the Authority shall have the further right, where the same is applicable, to remove or close the sewer connection until the provisions of this chapter are complied with. The expense of such removal or closing and the expense of restoring the sewage service shall be a debt due the Authority and a lien upon the premises served and may be filed and collected in the same manner provided by law for the filing and collecting of municipal claims.
- R. Any person violating any of the provisions of these Rules and Regulations shall become liable to the Authority for any expense, loss or damage occasioned the Authority by reason of such violation.
- S. Any of the preceding rules and regulations relating to design criteria, construction and installation specifications, advance deposits and the payment of costs and expenses incurred by the Authority, including but not limited to costs and expenses for the review of plans and specifications, resident engineering and inspection and legal services shall apply to all privately owned sewerage systems within the jurisdiction of the Authority.

END OF SECTION

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13.01 DEFINITIONS

- A. Unless the context specifically and clearly indicates otherwise, the meaning of the terms used in this Section shall be as follows below. Any definitions, abbreviations and acronyms used in this Section but not specifically defined below shall be the same as those found in Section 2 of the Sewer Use Rules and Regulations.
 - 1. AUTHORIZED AGENT - A certified sewage enforcement officer, code enforcement officer, professional engineer, executive director, industrial pretreatment manager, plant superintendent, plumbing inspector, health administrator, health officer, Authority consultant or any other qualified or licensed person who is delegated by the Authority to carry out the provisions of this Section.
 - 2. COMMERCIAL ESTABLISHMENT - Any room, group of rooms, building, structure or enclosure that is used or intended to be used for the operation of a business enterprise, including the sale, provision, or distribution of goods, commodities, or services, or that is used or intended to be used for social, amusement, religious, educational, charitable or public purposes.

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3. COMMERCIAL – Of or relating to a COMMERCIAL ESTABLISHMENT, as defined herein.
4. CONSENT ORDER – A written agreement between the Authority and a USER, Owner, or other responsible party, entered into voluntarily or as part of enforcement, which establishes terms and conditions for achieving compliance with this Section, including but not limited to corrective actions, compliance schedules, monitoring requirements, and stipulated penalties for noncompliance.
5. DISPOSAL - The discharge, deposit, injection, dumping, spilling, leaking or placing of any waste including solid or semisolid GREASE INTERCEPTOR WASTE into or on any land or water so that such wastewater or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including groundwaters.
6. DISPOSAL FACILITY OPERATOR - An individual who is authorized to accept or reject waste at a DISPOSAL SITE, and who is authorized to sign a FOG MANIFEST.
7. DISPOSAL SITE - A permitted site or part of a site at which waste, including GREASE INTERCEPTOR WASTE is processed, treated and/or intentionally placed into or on any land in a manner compliant with all applicable federal, state, and local regulation.
8. EMULSIFIERS and/or DE-EMULSIFIERS - Any substance or substances which, when added or placed into a GREASE INTERCEPTOR, will transform an oily substance into a milky fluid in which the fat globules are in a very finely divided state and are held in suspension, giving it the semblance of a solution.
9. EXISTING FACILITY - Any building, structure or installation from which there is or may be a discharge, the construction of which started before the adoption of this Section.
10. FATS, OILS AND/OR GREASES or FOG - Organic polar compounds derived from animal and/or plant sources that contain multiple carbon chain triglyceride molecules. These substances are detectable and measurable using analytical test procedures established in the Guidelines Establishing Test Procedures for the Analysis of Pollutants (40 CFR Part 136), as may be amended from time to time. All are sometimes referred to herein as “grease” or “oil and grease”.
11. FOG MANIFEST - The written, multi-part form used as documentation and required to be in the possession of the GENERATOR, TRANSPORTER and DISPOSAL SITE to document the generation, receipt, transportation and DISPOSAL of waste at a permitted or registered DISPOSAL SITE, and specifying the identity of the

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GENERATOR, TRANSPORTER and DISPOSAL FACILITY OPERATOR and the volume of waste disposed.

12. FOOD COURTS - Areas predominantly found in SHOPPING CENTERS or festivals where several food preparation establishments having different Owners may be sharing seating space and/or plumbing facilities.
13. FOOD SERVICE ESTABLISHMENT - Those COMMERCIAL ESTABLISHMENTS primarily engaged in activities of preparing, serving, or otherwise making food available for retail sale and consumption by the public such as restaurants, COMMERCIAL kitchens or caterers, and those portions of the following facilities engaged in similar activities: hotels, schools, colleges, fraternities, churches, social halls, hospitals, prisons, correctional facilities, retirement facilities, and care institutions. These establishments use one or more of the following preparation activities: cooking by frying (all methods), baking (all methods), grilling, sautéing, rotisserie cooking, broiling (all methods), boiling, blanching, roasting, toasting, or poaching. Also included are infrared heating, searing, barbecuing, and any other food preparation activity that produces a hot, non-drinkable food product in or on a receptacle that requires washing or any NEW FACILITY or EXISTING FACILITY which has a local, state and/or federal food service permit. This definition also includes food handling facilities which may not cook but generate FOG as a waste product as part of their operations. All are sometimes referred to herein Section 13 as “facility” or “facilities”.
14. GENERATOR - A NEW FACILITY or EXISTING FACILITY that causes, creates, generates, stores or otherwise produces wastewater from on-site process operations, whether domestically or commercially generated. The GENERATOR is responsible for assuring that the produced wastewater is disposed of in accordance with all federal, state and local DISPOSAL regulations.
15. GREASE INTERCEPTOR - A water-tight receptacle utilized by COMMERCIAL or industrial GENERATORS of liquid waste to intercept, collect and restrict the passage of FOG into the Sanitary Sewerage System to which the receptacle is directly or indirectly connected, and to separate and retain FOG from the Wastewater to be discharged. GREASE INTERCEPTORS are generally required to be located underground between the FOOD SERVICE ESTABLISHMENT and the Building Sewer Tap Connection.
16. GREASE REMOVAL DEVICE WASTE - Any grease or organic or inorganic solid or semisolid waste collected and intercepted by a GREASE REMOVAL DEVICE, usually in layers of floatable, suspended and settleable substances, which are ultimately removed from a GREASE REMOVAL DEVICE for proper DISPOSAL.

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17. GREASE REMOVAL DEVICE – Any interior or exterior device used to intercept, separate, retain, collect, or remove FOG from wastewater prior to discharge to the Sanitary Sewerage System, including but not limited to, GREASE INTERCEPTORS, INTERNAL GREASE REMOVAL DEVICES, GREASE TRAPS, UNDER-THE-SINK GREASE TRAPS, and other grease-separating devices.
18. GREASE TRAP - A grease control device that is used to serve individual fixtures located inside the FOOD SERVICE ESTABLISHMENT.
19. INSPECTION PORT – An opening with an easily removable cover designed to provide an AUTHORIZED AGENT access for visual inspection, cleaning, maintenance, and/or measurement of a GREASE INTERCEPTOR, INTERNAL GREASE REMOVAL DEVICE or associated piping.
20. INTERFERENCE - A discharge which alone, or in conjunction with discharges from other sources, either:
 - I. Inhibits or disrupts the function of the Sanitary Sewerage System including but not limited to causing or contributing to reduced pumping capabilities, blockages or sanitary sewer overflows or inhibits or disrupts the operation of the wastewater treatment plant including but not limited to the plant equipment, treatment process units, or its sludge process units, sludge use or DISPOSAL; or
 - II. Is a direct or indirect cause of a violation of any requirement of the Treatment Plant's NPDES permits (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or DISPOSAL in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent state or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as Resource Conservation and Recovery Act (RCRA), and including State Regulations contained in any state sludge management plan prepared pursuant to Subtitle D of the SWDA), the Clean Air Act, the Toxic Substance Control Act, and the Marine Protection, Research and Sanctuaries Act.
21. INTERNAL GREASE REMOVAL DEVICE - means any device installed inside a building and connected to plumbing fixtures that discharge fats, oils, and grease (FOG), for the purpose of separating and retaining FOG before wastewater enters the sanitary sewer system. INTERNAL GREASE REMOVAL DEVICES include GREASE TRAPS and other small, interior grease-separating devices, sometimes referred to in plumbing codes as hydromechanical GREASE INTERCEPTORS. For purposes of this Section, an INTERNAL GREASE REMOVAL DEVICE is limited to devices located within the interior of a structure and does not include large, exterior, or underground

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GREASE INTERCEPTORS. An INTERNAL GREASE REMOVAL DEVICE shall be properly sized, installed, operated, and maintained in accordance with manufacturer specifications and applicable plumbing codes and shall comply with the requirements of this Section as well as any other applicable, local, state or federal requirements.

22. LICENSED/EXPERIENCED PLUMBER - A professional who is qualified to perform plumbing work either through formal certification or substantial hands-on experience. A licensed plumber has met the requirements set by a state or local authority, which typically include completing an apprenticeship or vocational training, passing a licensing exam that demonstrates knowledge of plumbing codes and practices, maintaining liability insurance and bonding, and regularly renewing credentials to stay current with regulations. When a licensed plumber program is not available, an experienced plumber can be considered, while not formally licensed, has acquired extensive practical knowledge through years of on-the-job work, and familiarity with plumbing standards as determined acceptable by the Authority.
23. LIVING QUARTERS - A NEW FACILITY or EXISTING FACILITY, or an area of a NEW FACILITY or EXISTING FACILITY, where a person or family has a distinct living area, which includes individual kitchen and bath facilities, utilized solely by that single person or family.
24. MANAGER - The person, regardless of actual title, immediately on site at a location, conducting, supervising, managing, or representing the activities of a GENERATOR or a TRANSPORTER.
25. MINIMUM DESIGN CAPABILITY - The design features of a GREASE REMOVAL DEVICE having the ability and volume required to effectively intercept and retain FOG from the Wastewater to be discharged in compliance with this Section.
26. MONITORING PORT – A specific type of INSPECTION PORT that is large enough to allow temporary installation of monitoring devices such as samplers, strip recorders, flow meters, or other such measuring and/or monitoring devices.
27. NEW FACILITY - Any new building, structure, facility or installation from which there is (or may be) discharge, the construction of which commenced after the adoption of this Section, provided that:
 - I. The building, structure, facility or installation is constructed at a site at which no other wastewater source is located;
 - II. The building, structure, facility or installation totally replaces the process or production equipment that causes discharge at the site;

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- III. The production processes or wastewater-generating processes of the building, structure, facility or installation are substantially independent of an existing wastewater source at the same site. In determining whether these are substantially independent factors, such as the extent to which the NEW FACILITY is integrated with the EXISTING FACILITY and the extent to which the NEW FACILITY is engaged in the same general type of activity as the existing wastewater source, should be considered; or
 - IV. Any remodeling or modification that results in a NEW FACILITY as determined by the Authority.
 - V. Construction on a site at which an existing wastewater source is located results in a modification rather than a new wastewater source if the construction does not create a new building, structure, facility or installation meeting the criteria above, but otherwise alters, replaces or adds to existing process or production equipment.
 - VI. Construction of a new wastewater source as defined under this definition has commenced if the Owner or operator has:
 - a. Begun or caused to begin, as part of a continuous on-site construction program, any placement, assembly or installation of facilities or equipment, or significant site preparation work including clearing, excavation or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly or installation of new source facilities or equipment; or
 - b. Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contract, which can be terminated or modified without substantial loss, and contracts for feasibility, engineering and design studies do not constitute a contractual obligation under this subsection.
28. NOTICE OF VIOLATION – a written notice issued by the Authority to a USER, Owner, or other responsible party identifying a violation of this Section, permit or applicable regulations, and requiring corrective action within a specified time period. A NOTICE OF VIOLATION may include a description of the violation, required remedial measures, compliance deadlines, and notice of potential enforcement actions, penalties, or additional requirements for failure to comply.
29. PASS-THROUGH – the discharge of FOG or other materials through or from a GREASE REMOVAL DEVICE in a manner that allows such materials to enter into the

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Sanitary Sewerage System, indicating improper design, sizing, installation, maintenance or operation of the device.

30. PERMITTEE - Any person, entity, establishment or FOOD SERVICE ESTABLISHMENT or facility issued a permit including any agent, employee or authorized person of the permittee.
31. REASONABLE HOURS - Any time during which a facility is open for business to the public. It shall also include those times when a facility is closed to the public when a MANAGER, employees and/or contractors are present at the facility and involved in cleanup or food preparation or any other business activity.
32. SHOPPING CENTER - A group of architecturally unified COMMERCIAL ESTABLISHMENTS built on a site that is planned, developed, owned and managed as an operation unit for sale or lease, with on-site parking in definite relationship to the types and sizes of stores at the site.
33. TRANSPORTER - A USER who transfers grease waste from the site of a GENERATOR to an approved DISPOSAL SITE. The TRANSPORTER is responsible for assuring that all federal, state and local regulations are followed regarding wastewater transport.
34. TWENTY-FIVE-PERCENT RULE - A widely accepted Best Management Practice which requires that a GREASE INTERCEPTOR must be pumped out if the depth of scum and solids in the interceptor exceeds 25% of the usable volume. For purposes of this definition, the measurement of scum depth is taken at the inlet manhole (where applicable) of exterior interceptors and prior to outlet on interior traps.
35. USER - Any Person, NEW FACILITY or EXISTING FACILITY who utilizes the services of the Sanitary Sewerage System.
36. UNDER-THE-SINK GREASE TRAP - A device placed under or in close proximity to sinks or other fixtures likely to discharge grease in an attempt to separate, intercept or hold grease waste to prevent its entry into the Sanitary Sewerage System.

13.02 PROHIBITIONS

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A. The following prohibitions shall apply to all USERS:

1. Discharges of solid, FOG, or any viscous pollutants in amounts which will cause obstruction to the flow in the Sanitary Sewerage System resulting in INTERFERENCE shall be prohibited.
 - I. Where FATS, OILS AND GREASES are a byproduct of food preparation and/or cleanup, reasonable efforts shall be made to separate these wastes into a separate container for proper recycling or DISPOSAL. Except as contained in byproducts of food preparation and/or cleanup, waste FATS, OILS AND GREASES shall not be discharged directly into, or disposed of in any drain leading to, any GREASE REMOVAL DEVICE. Such waste shall be placed in a container designed to hold such waste and either recycled or disposed of at suitable sites.
2. Discharges of petroleum, nonbiodegradable cutting oil, or products of mineral oil origin, in amounts that will cause INTERFERENCE or PASS-THROUGH. In no case shall the oil and grease value exceed 150 mg/l, as described in Section 6 – Use of Sewers.

B. The following prohibitions shall apply to all USERS with GREASE REMOVAL DEVICES:

1. None of the agents listed below shall be introduced directly into, or disposed of in any drain leading to, any GREASE REMOVAL DEVICE:
 - I. EMULSIFIERS or DE-EMULSIFIERS: surface active agents, enzymes, degreasers or any type of product that will liquefy FOG.
 - II. Any substance that may cause excessive foaming in the Sanitary Sewerage System.
 - III. Any substance capable of passing the solid or semisolid contents of a GREASE REMOVAL DEVICE to the Sanitary Sewerage System.
 - IV. Any substance which can directly or indirectly cause or in any way contribute to PASS-THROUGH or INTERFERENCE in the Sanitary Sewerage System or Sewage Treatment Plant.
 - V. Treatment products, including bacteria, designed to digest grease, is specifically prohibited without prior written consent of the Authority.
2. The influent temperature to GREASE REMOVAL DEVICES shall not exceed 140° F. The temperature at the flow control device INSPECTION PORT shall be considered equivalent to the temperature of the influent.

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3. Toilets, urinals and other similar sanitary fixtures shall not discharge through any GREASE REMOVAL DEVICE.
- C. The following prohibitions shall apply to all USERS with GREASE INTERCEPTORS:
 1. All waste shall only enter the GREASE INTERCEPTOR through the inlet flow control device, then the inlet pipe.

13.03 - APPLICABILITY

- A. Wastewater that contains FOG may be discharged into the Sanitary Sewerage System only in conformance with the conditions of this Section. The following facilities shall discharge all wastewater from sinks, drains and any other plumbing fixtures through which grease may be discharged into an adequately sized (as determined and documented by a LICENSED/EXPERIENCED PLUMBER), appropriately located, properly maintained and functioning GREASE REMOVAL DEVICE before the wastewater enters the Sanitary Sewerage System:
 1. All FOOD SERVICE ESTABLISHMENTS;
 2. All FOOD COURTS;
 3. All other GENERATORS discharging grease in amounts that, in the opinion of an AUTHORIZED AGENT, will, alone or in concert with other substances from the discharges of other facilities, have a reasonable chance to cause INTERFERENCE in the Sanitary Sewerage System.
 4. All areas of intensified dwelling, including but not limited to adult day-care facilities, assisted living facilities, convalescent homes, day nursing and child-care facilities, in which food preparation occurs, homes for the mentally challenged, hotels, maternity homes, motels in which there is a COMMERCIAL food preparation service, nursing homes, retirement and life care communities and homes, and truck stops with COMMERCIAL food service.
- B. GREASE REMOVAL DEVICES shall not be required for single-family residences, duplexes, triplexes, quadplexes, or apartment complexes, unless an AUTHORIZED AGENT

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determines there are discharges from the property that may cause INTERFERENCE in the Sanitary Sewerage System.

13.04 COMPLIANCE DATE

- A. An EXISTING FACILITY shall be required, in accordance with a written schedule provided by the Authority, to install a new, approved, adequately sized, appropriately located and properly operated and maintained GREASE REMOVAL DEVICE when any of the following conditions exists:
 - 1. The EXISTING FACILITY meets the applicability requirements of this Section.
 - 2. An AUTHORIZED AGENT determines that the EXISTING FACILITY is contributing sufficient grease in quantities to cause INTERFERENCE in the Sanitary Sewerage System or necessitate increased maintenance on the Sanitary Sewerage System in order to keep INTERFERENCE from occurring.
 - 3. An EXISTING FACILITY remodels the food preparation or kitchen waste plumbing facilities in such a manner.
 - 4. An EXISTING FACILITY'S GREASE INTERCEPTOR allows a discharge of FOG in excess of the quantifiable limits described in this Section, and such discharge is not attributable to improper maintenance, cleaning, or operation of the device.
- B. New Facilities required by the AUTHORIZED AGENT to install and maintain a GREASE REMOVAL DEVICE shall complete installations prior to any discharge to the Sanitary Sewerage System.

13.05 REQUIREMENTS FOR NEW GREASE INTERCEPTORS

- A. Sizing Requirements

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1. Sizing methods described herein are intended as guidance in determining GREASE INTERCEPTOR sizes that will afford the Sanitary Sewerage System a minimum degree of protection against grease and other obstructing materials. In approving a customer's plumbing or GREASE INTERCEPTOR design, the Authority does not accept liability for the failure of a system to adequately treat wastewater to achieve effluent quality requirements specified under this Section. It is the responsibility of the GENERATOR to ensure the appropriate level of treatment necessary for compliance with environmental and wastewater regulations. Minimum acceptable GREASE INTERCEPTOR sizing shall be accomplished unless otherwise approved by the Authority.
2. GREASE INTERCEPTOR Sizing Formulas: It is the responsibility of the GENERATOR to ensure that the discharge is in compliance with the Authority's discharge limitations as outlined in this Section. For the purpose of plan review, a general assessment of GREASE INTERCEPTOR design and size will be performed using the following formulas which are recommended by the United States Environmental Protection Agency (EPA) for GREASE INTERCEPTOR sizing.
 - I. Method 1: EPA GREASE INTERCEPTOR sizing formula taken from Chapter 8 of EPA's October 1980 Design Manual: On-site Wastewater Treatment and Disposal System; Document No. EPA 625/1-80-012.
 - II. Method 2: Uniform Plumbing Code.
 - III. Method 3: Alternate sizing formulas/proposals. Facilities that propose the use of alternate sizing techniques and/or procedures that result in specifications that differ from calculated requirements must submit formulas and other bases to support proposed GREASE INTERCEPTOR size/installation. Submission should also provide documentation of the ability to meet effluent quality requirements. This proposal must be signed by a licensed/experienced plumber or professional engineer licensed in the Commonwealth of Pennsylvania.

B. Design Requirements

1. Size, type and location of GREASE INTERCEPTORS shall be in accordance with the manufacturer's instructions and the requirements of the Authority.
2. The GREASE INTERCEPTOR shall be constructed with a minimum of two chambers or shall have a minimum of two tanks in series. If two-chambered, the dividing wall must extend to within one foot of the bottom of the tank and within two inches of the top and be securely fastened to both sides.

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3. There must be inlet and outlet tees installed, made of schedule 40 PVC or other noncarbon steel and noncorroding material. The inlet tee should extend down approximately 1/3 the depth of the GREASE INTERCEPTOR from the top and the outlet tee should be located 12 to 18 inches off of the bottom of the GREASE INTERCEPTOR. Inability to visually inspect tees during cleanout of the interceptor may require entry into the interceptor at least once every five years, or more frequently if deemed necessary by the Authority.
4. GREASE INTERCEPTORS are to be installed at a minimum distance of 10 feet from sinks to allow for adequate cooling of wastewater. Water temperatures must be less than 140° F. prior to entering the GREASE INTERCEPTOR.
5. Grease-bearing waste streams should be routed through an appropriate GREASE INTERCEPTOR, including: three-compartment sinks, pot/pan sinks, soup kettles, hand-washing sinks, mop sinks and floor drains. Drains that receive "clear water" only as determined by the Authority, including but not limited to water from ice machines, condensate from coils and drink stations, may be plumbed to the Sanitary Sewerage System without passing through the GREASE INTERCEPTOR with the condition that the receiving drain is a "hub" type that is a minimum of two inches above the finished floor.
6. The GREASE INTERCEPTOR location shall be easily accessible for cleaning, inspection, operation and maintenance.
7. An INSPECTION PORT shall be provided for the flow control device regulating flow into the GREASE INTERCEPTOR. A standard manhole ports must be installed over each divider in the GREASE INTERCEPTOR. In either case, all parts of the GREASE INTERCEPTOR shall be easily accessible for cleaning and visual inspection.
8. All GREASE INTERCEPTORS shall be provided with a MONITORING PORT to allow for the temporary installation of monitoring devices such as samplers, strip records, flow meters, etc. A MONITORING PORT shall be provided for ease in sampling the treated effluent from the GREASE INTERCEPTOR and shall be as close as possible to the connection with the Building Sewer Tap Connection within the bounds of the EXISTING FACILITY'S property. The MONITORING PORT shall be installed according to the specifications of the Authority. The MONITORING PORT shall be installed and maintained at the GENERATOR'S expense. It shall be unlawful for a GENERATOR to divert wastewater around a MONITORING PORT into the Sanitary Sewerage System.
9. GREASE INTERCEPTORS shall be located outside of a building or structure in an area accessible for service and so installed and connected that it shall be at all times

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easily accessible for inspection and for cleaning and removal of the intercepted waste. INSPECTION PORTS and MONITORING PORTS shall be in areas where vehicles may not temporarily block access to inspection. A GREASE INTERCEPTOR shall not be installed in any part of a building where food is handled. The location of all GREASE INTERCEPTORS, INSPECTION PORTS, and MONITORING PORTS shall meet the approval of the Authority and shall be shown on the approved building plans.

C. Submittal Requirements

1. Any USER that requires a GREASE INTERCEPTOR shall prove compliance with the provisions of this section through submission of supporting documents, which may include but are not limited by:
 - I. Plans
 - II. Specifications
 - III. Designer Credentials

D. Construction Requirements

1. The USER shall notify the AUTHORIZED AGENT prior to commencement of construction and after completion of construction. The AUTHORIZED AGENT shall conduct a final inspection before any excavations are backfilled or service connections are completed.
2. Any attempt to comply with this Section does not relieve the GENERATOR of responsibility for any unlawful discharge or any additional charges described in this Section.

13.06 MODIFICATIONS TO EXISTING GREASE INTERCEPTORS

- A. An AUTHORIZED AGENT may determine that an existing GREASE INTERCEPTOR requires upgrades, improvements or replacement, including but not limited to:
 1. Upgrading/Replacing the sample ports or MONITORING PORTS

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2. Upsizing the GREASE INTERCEPTORS due to performance violations
 3. Replacing a GREASE INTERCEPTOR due to poor structural condition,
- B. If modifications are required:
1. The Authority shall issue certified, written notice of such order upon the GENERATOR. The notice shall include the following:
 - I. Contact information for the AUTHORIZED AGENT
 - II. Offer the opportunity to meet for discussion of the order
 - III. Deadline for completion of modifications
 2. Within 14 calendar days, the GENERATOR may request a meeting to review such order, in which case the Authority shall schedule a meeting to review such order within a reasonable time from receipt the demand for review from the GENERATOR.
 3. Within 14 calendar days, the Authority shall issue a final order concerning the outcome of the meeting and detail their final determination on the originally requested modifications.
- C. The Authority may waive the requirement for a GREASE INTERCEPTOR, provided the GENERATOR can verify that only domestic wastewater is being discharged. The Authority may require testing or sampling and laboratory analyses by the GENERATOR in connection with this request, with all costs for the testing or sampling and laboratory analyses being the GENERATOR'S expense.

13.07 INTERNAL GREASE REMOVAL DEVICES

- A. In the event that installation of an external GREASE INTERCEPTOR is not feasible (for example due to space limitations, etc.), as solely determined by the Authority, an INTERNAL GREASE REMOVAL DEVICE, may be installed subject to the approval of the Authority. INTERNAL GREASE REMOVAL DEVICES are subject to the following requirements:
1. Certification Requirements

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- I. As a condition of approval for an INTERNAL GREASE REMOVAL DEVICE, the Owner shall submit a signed certification, in a form acceptable to the Authority acknowledging that such devices may be odorous, require frequent maintenance, and may adversely affect business operations due to malfunction, inadequate maintenance, or required inspection, cleaning, repair or replacement. The Owner accepts full responsibility for the proper operation and maintenance of the INTERNAL GREASE REMOVAL DEVICE and any impacts associated therewith.
2. Design Requirements
 - I. The location shall as close as possible to the source of wastewater, but shall not exceed 25 feet of drain piping between the fixture and the INTERNAL GREASE REMOVAL DEVICE.
 - II. A single INTERNAL GREASE REMOVAL DEVICE may be used to serve multiple fixtures if sized for the combined flow of all the fixtures, and compliance is achieved with the other requirements of this section.
 - III. The lid shall be secured to the body with a single bolt. The use of wing nuts or screws shall be prohibited.
 - IV. The lid shall cover the deep seal, which shall be constructed to eliminate the possibility of sewer gas entering the kitchen area.
 - V. There shall be sufficient clearance for the removal of the cover for cleaning.
 - VI. Baffle systems and all other internal components shall be removable to facilitate cleaning and replacement but must remain installed at all times during operation.
 - VII. Surface shall be treated with a powder-coated electrostatically applied cathodic epoxy to resist corrosion.
 - VIII. Shall be equipped with a flow-control fitting, which shall comply with the following:
 - a. Shall be installed ahead of the INTERNAL GREASE REMOVAL DEVICE as close as possible to the underside of the lowest fixture.
 - b. When wastewater of two (2) or more fixtures are combined to be used by one (1) INTERNAL GREASE REMOVAL DEVICE, then a single flow-control fitting shall be used.

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- c. The air intake shall either terminate under the sink drain board as high as possible to prevent overflow or terminate in a return bend at the same height and on the outside of the building.
 - IX. The INTERNAL GREASE REMOVAL DEVICES can be designed to be set on the floor, partially recessed in the floor with the top flush with the floor, or fully recessed below the floor to suit piping and structured conditions, subject to Authority approval.
 - X. The INTERNAL GREASE REMOVAL DEVICES shall have a vented waste, sized in accordance with the current applicable plumbing codes, to retain water and prevent siphoning..
 - XI. Wastewater with temperatures in excess of 140 F, or temperatures determined to be causing grease to bypass and inhibit the proper operation of the INTERNAL GREASE REMOVAL DEVICE shall not be discharged to the INTERNAL GREASE REMOVAL DEVICE.
3. Operation and Maintenance Requirements
- I. Maintain on-site copies of the following materials for a minimum of three (3) years:
 - a. Best Management Practice(s)
 - b. Inspection and/or Service Logs
 - c. TRANSPORTER FOG MANIFESTS
 - II. GENERATORS are responsible for operating and maintaining INTERNAL GREASE REMOVAL DEVICES in continuous, proper working condition. Regular work shall include inspecting and cleaning. Periodic work shall include repairing, replacing or installing apparatus and equipment.
 - III. Facilitate access to the Facility for the AUTHORIZED AGENT to perform inspections during REASONABLE HOURS.
 - IV. Maintain accessibility to the INTERNAL GREASE REMOVAL DEVICE. The placement of obstructions, including but not limited to equipment or stored materials, shall be prohibited. Access shall be possible without use of ladders or other equipment.

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- V. A GENERATOR shall properly place, monitor and maintain the MONITORING PORT for visual inspections . If required by the Authority the GENERATOR shall provide a MONITORING PORT downstream of the INTERNAL GREASE REMOVAL DEVICE so that wastewater samples taken from the MONITORING PORT are representative of wastewater leaving the INTERNAL GREASE REMOVAL DEVICE.
- VI. INTERNAL GREASE REMOVAL DEVICES shall be inspected and cleaned at the following minimum intervals:
 - a. If volume is less than or equal to 100 gallons: Weekly
 - b. If volume is greater than 100 gallons: Monthly
- VII. The Authority may specify cleaning more frequently when the above minimum intervals are proven to be inadequate. Additional cleaning may be required during time periods where increased loading is anticipated.
- VIII. If an AUTHORIZED AGENT finds any INTERNAL GREASE REMOVAL DEVICE to be full, the GENERATOR shall remedy the defect as soon as possible. The AUTHORIZED AGENT shall determine whether discharge may continue, and may at their own discretion, order an immediate cessation of all discharge and/or require a more frequent cleaning schedule.

13.08 FOG MANIFEST REQUIREMENTS

- A. FOG MANIFESTS shall contain the following minimum information:
 - 1. Waste Hauler Information.
 - I. Firm name
 - II. Permit number.
 - III. Name of driver with signature
 - IV. Truck license number.

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2. Waste GENERATOR Information.
 - I. Business name.
 - II. Permit number (if applicable)
 - III. Address.
 - IV. Phone number.
 - V. Time pumped.
 - VI. Size of GREASE INTERCEPTOR.
 - VII. Gallons pumped.
 - VIII. Signature of GENERATOR.
 - IX. Date.
3. Part III: Waste DISPOSAL SITE information.
 - I. Name of permitted DISPOSAL SITE.
 - II. PaDEP permit number.
 - III. Address.
 - IV. Phone number.
 - V. Signature of disposer.

13.09 MAINTENANCE REQUIREMENTS FOR EXTERNAL GREASE INTERCEPTORS

- A. GENERATORS are responsible for operating and maintaining GREASE INTERCEPTORS in continuous, proper working condition. Regular work shall include inspecting and

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cleaning. Periodic work shall include repairing, replacing or installing apparatus and equipment.

- B. Maintain on-site copies of the following materials for a minimum of three (3) years:
 - 1. Best Management Practice(s)
 - 2. Inspection/Service/Cleaning Logs
 - 3. TRANSPORTER FOG MANIFESTS
- C. Facilitate access to the Facility, including MONITORING PORTS and INSPECTION PORTS, for the AUTHORIZED AGENT to perform inspections during REASONABLE HOURS. The placement of obstructions, including but not limited to equipment or stored materials, shall be prohibited. Access shall be possible without use of ladders or other equipment.
- D. GENERATORS shall properly place, monitor and maintain the MONITORING PORTS so that wastewater samples taken from the MONITORING PORT are representative of wastewater leaving the GREASE INTERCEPTOR.
- E. Cleaning interval shall be a minimum of once every 90 days.
- F. The GENERATOR shall be responsible for knowing when operations may require additional cleaning due to anticipation of increased FOG loading.
- G. The Authority may specify cleaning more frequently when the above minimum intervals are proven to be inadequate.
- H. If an AUTHORIZED AGENT finds any external GREASE INTERCEPTOR to be full, the GENERATOR shall remedy the defect as soon as possible. The AUTHORIZED AGENT shall determine whether discharge may continue, and may at their own discretion, order an immediate cessation of all discharge and/or require implementation of a more frequent cleaning schedule.
- I. The servicing/cleaning work shall comply with the following:
 - 1. Requirements for the liquid waste hauler, TRANSPORTER or any other person physically performing the servicing/cleaning work:
 - I. Shall completely evacuate all contents, including floating materials, wastewater, and bottom sludges and solids. Skimming the surface layer of waste material,

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partial cleaning of the GREASE INTERCEPTOR or use of any method that does not remove the entire contents of the collection device is prohibited.

- II. Each GREASE INTERCEPTOR pumped shall be fully evacuated unless the GREASE INTERCEPTOR volume is greater than the tank on the DISPOSAL vehicle, in which case the TRANSPORTER shall arrange for additional transportation so that the GREASE INTERCEPTOR is fully evacuated within a twenty-four-hour period following the TRANSPORTER'S inability to fully evacuate the GREASE INTERCEPTOR.
 - III. The suction of the floating materials shall be done prior to removal of other contents.
 - IV. After complete evacuation, the walls, top, and bottom of the GREASE INTERCEPTOR shall then be thoroughly scraped and the residue removed.
2. Requirements for GENERATOR
- I. Upon completion of the servicing, the authorized representative of the EXISTING FACILITY may make an inspection of the interior of the GREASE INTERCEPTOR and then personally sign the hauled-waste FOG MANIFEST.
 - II. The MANAGER shall make an appropriate entry in the maintenance log and file the FOG MANIFEST along with the log on the premises. Said FOG MANIFESTS and maintenance logs shall be made immediately available to any AUTHORIZED AGENT upon request.
- J. A GENERATOR may not discharge any liquids, semi-solids, or solids back into a GREASE INTERCEPTOR during or after servicing. It is also prohibited to decant or return removed wastewater to the same GREASE INTERCEPTOR—or to any other GREASE INTERCEPTOR—for the purpose of reducing the amount of waste requiring DISPOSAL.

13.10 DISPOSAL OF FOG WASTE

- A. GREASE INTERCEPTOR WASTE shall be removed and transported by a properly licensed and fully insured waste hauler.

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- B. All wastewater removed from each GREASE INTERCEPTOR shall be recycled or disposed of at a permitted site. In no way shall the pumped material be returned to any private or public portion of the Sanitary Sewerage System.

13.11 FACILITY CLOSURE

- A. The GENERATOR shall be required to modify and/or remove existing GREASE REMOVAL DEVICES in the event that the facility closes and operations cease, as follows:
 - 1. If the structure is to be razed or demolished:
 - I. All GREASE REMOVAL DEVICES shall be physically removed
 - 2. If the structure is to be remodeled or replaced with a new type of business that will not utilize the interceptor:
 - I. External GREASE INTERCEPTORS shall be either physically removed or modified per the following requirements:
 - a. The external GREASE INTERCEPTORS shall have all wastewater pumped out, be cleaned and dried thoroughly
 - b. The Building Lateral Sanitary Sewer shall be modified to either bypass around the existing GREASE INTERCEPTOR(S), or straight through the existing GREASE INTERCEPTOR from the inlet to the outlet
 - c. The external GREASE INTERCEPTOR shall either remain empty or filled with clean fill such as soil or sand, as directed by the Authority
 - II. INTERNAL GREASE REMOVAL DEVICES shall be physically removed or approved by the Authority to meet the requirements for the new business operation.
- B. In all instances, the Owner of the premises shall appropriately inform the Authority a minimum of thirty days prior to the closure and schedule and perform the closure at such a time so as to permit an AUTHORIZED AGENT to be physically present during the removal or filling of GREASE REMOVAL DEVICES.

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13.12 RIGHTS OF ENTRY BY AUTHORITY

- A. Any AUTHORIZED AGENT of the Authority shall be permitted to access private property for any instances where there could be damage to public health and/or public safety.
- B. It shall be unlawful for GENERATORS to refuse entry for AUTHORIZED AGENTS to enter their premises during REASONABLE HOURS to determine whether the GENERATOR is complying with all of the requirements of this Section. GENERATORS shall allow the AUTHORIZED AGENT access to all parts of the premises for purpose of inspection, sampling, records examination and copying, and the performance of additional duties. The Authority is not required to coordinate in advance of an entry request, thus unanticipated visits are to be expected and not considered a legitimate reason to refuse admittance of an AUTHORIZED AGENT.
- C. In cases where an EXISTING FACILITY includes private LIVING QUARTERS, the right of access shall extend to all common areas and any other area or areas an employee, including the MANAGER and/or Owner, may enter without expressed permission of the residents.
- D. If the Authority has been refused access to a building, structure or property, or any part thereof, and is able to demonstrate probable cause to believe that there may be a violation of this Section or that there is a need to inspect and/or sample as part of a routine inspection and sampling program of the Authority designed to verify compliance with this Section or order issued hereunder, or to protect the overall public health, safety and welfare of the community, then the Authority may seek issuance of a search warrant from any court of competent jurisdiction.

13.13 ADMINISTRATION

- A. The Authority shall fully utilize those powers it possesses through enabling statutes and Sections to affect the purposes of this Section.

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- B. The Authority may establish all administrative procedures necessary to properly carry out the provisions of this Section.
- C. The Authority shall employ AUTHORIZED AGENTS to carry out the provisions of this Section. The Authority may also contract with other private qualified persons or firms as necessary to carry out the provisions of this Section.
- D. All permits, records, reports files and other written material relating to the installation, operation, maintenance, and malfunction of GREASE REMOVAL DEVICES in the Authority shall become the property of the Authority. Records may be available for public inspection in accordance with Pennsylvania's Right-to-Know Law.

13.14 FOG PERMITS

- A. At the discretion of the Authority, a NEW FACILITY or EXISTING FACILITY may be required to apply for, pay for, and obtain a FOG Permit.
- B. FOG permit application information may include, but shall not be limited to:
 - 1. Name, Address, and other pertinent information on permit application.
 - 2. Design details of trap, interceptor or separator and information used in sizing the unit.
 - 3. Floor plan of facility and other documents relative to the location of the trap/interceptor and sewer piping system.
 - 4. A narrative description indicating the operations of the facility.
 - 5. Residual Grease Hauler Vendor information for maintenance and waste management.
- C. Where deemed applicable by the Authority a FOG permit will be issued and may include but not be limited to the following:
 - 1. Permit ID
 - 2. Facility location
 - 3. Contact information

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4. Implementation and expiration date
5. Description of pretreatment control units
6. Discharge limitations and prohibitions
7. Operation and maintenance minimum requirements
8. Monitoring requirements (where applicable)
9. General Conditions
10. Signature Authorizations

13.15 IMPLEMENTATION AND ENFORCEMENT FEES

- A. The Authority may charge incurred costs plus 15% for any costs attributed to the implementation and enforcement of the FOG Control Program, which may include but not be limited to, investigations, compliance inspections, enforcement actions, administration, sampling or laboratory analyses costs, legal and engineering fees, fines or penalties, clearing of blockages and/or cleaning of Public Sewers within the Sanitary Sewerage System, etc.
- B. Any fees attributable to multiple USERS shall be divided equally.
- C. The Authority shall issue fees via certified, written notice. Payment shall be received within 30 days of notice receipt. Late payments shall be automatically assessed a 10% compounding escalation fee every 30 days.

13.16 VIOLATIONS, ORDERS AND PENALTIES

- A. A USER is considered in violation if they do not comply with any provision of this Section, which may include, but is not limited to: failure to pay implementation and enforcement fees,

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improper operation of a GREASE REMOVAL DEVICE, actions or inactions of the USER which causes or permits the plugging of a GREASE REMOVAL DEVICE, actions or inactions of the USER causing INTERFERENCE with the Sanitary Sewerage System, any unapproved modifications to a GREASE REMOVAL DEVICE, nonconformance with Best Management Practices, improper DISPOSAL of FOG wastes, noncompliance with the oil and grease discharge limit, etc.

- B. USERS should notify the Authority as soon as practicable after discovering a violation of this Section, and, where feasible, within four (4) hours of initial discovery. The Authority may consider the specific circumstances of the situation when evaluating the timeliness of the notification. If the Proactive Notification involves monitoring results showing wastewater exceedances above the oil and grease discharge limit, the USER should resample the discharge within fourteen (14) days of notifying the Authority of the violation, unless the Authority determines that an alternate timeframe is appropriate based on the circumstances.
- C. The Authority may immediately initiate steps to identify or halt the source of a discharge to the Sanitary Sewerage System, and may seek enforcement, including injunctive relief, against the source of such discharge and/or may pursue other available remedies provided for under law, when:
 - 1. The discharge reasonably appears to be in violation of this Section,
 - 2. The discharge presents, or threatens an imminent danger to the health and welfare of persons, or to the environment
 - 3. The discharge reasonably appears to have the potential to cause INTERFERENCE.
 - 4. The discharge violates any State or Federal requirements.
 - 5. The USER fails to report factually on discharge constituents and characteristics;
 - 6. The USER fails to report significant changes in operations or use;
 - 7. The USER denies the Authority reasonable access to the premises for inspection and monitoring;
 - 8. The USER violates any provision of this Section, conditions of any permit or Order; or
 - 9. The USER fails to pay applicable fees.
- D. Whenever it has been determined that any USER has violated or is violating this Section, a permit, or any prohibition or limitation or requirement contained herein, the Authority may serve upon such USER a written NOTICE OF VIOLATION, which shall be sent via certified

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or registered mail to the last known address of the USER, and may contain, but not be restricted to, the following information:

1. Identification, including Facility Name, address and relevant contact information
 2. Issuing Authority, including name of Authorized Representative, title and contact information
 3. Date of issuance
 4. Citation of ordinance violation and required actions
 5. Penalties and Fees
- E. Within thirty days of the receipt of the NOTICE OF VIOLATION, the USER shall submit to the Authority a response that includes a plan to achieve compliance with this Section.
1. Submission of this plan in no way relieves the USER of liability for any violations occurring before or after receipt of the NOTICE OF VIOLATION. Nothing in this Section shall limit the authority of the Authority to take any action, including emergency actions or any other enforcement actions without first issuing a NOTICE OF VIOLATION.
 2. The Authority may require the USER to enter into a CONSENT ORDER, which shall include specific actions to be taken by the USER to correct the noncompliance within a specified time period, and may include the payment of civil penalties and reimbursement of costs pursuant to this Section, additional monitoring and management practices designed to minimize the amount of pollutants discharged to the Sanitary Sewerage System, etc. The CONSENT ORDER does not relieve the USER of liability for any prior or continuing violation. The issuance of the CONSENT ORDER shall not be a bar against, or a prerequisite for, taking any other action against the USER.
- F. After receipt of any NOTICE OF VIOLATION, CONSENT ORDER or other similar document, the USER may request a hearing to convey why a proposed enforcement action should be modified or not be taken.
1. Within 14 calendar days, the USER may request a meeting to review such order, in which case the Authority shall schedule a meeting to review such order within a reasonable time from receipt the demand for review from the GENERATOR.

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2. The hearing shall be conducted under oath and recorded. The transcript shall be made available to any member of the public or any party to the hearing upon payment of the usual charges thereof.
 3. Within 14 calendar days, the Authority shall issue a final order concerning the outcome of the meeting and detail their final determination on the originally issued Order.
 4. The hearing shall not be a bar against, or be a prerequisite for, taking any other action against the USER.
- G. Failure to comply with an issued NOTICE OF VIOLATION and/or CONSENT ORDER shall result in sewage service being discontinued through the physical disconnection with the Sanitary Sewerage System. The Authority shall perform the work and assess compensatory fees in accordance with the requirements of this Section.
- H. When the Authority finds that a USER has violated, or continues to violate, any provision of this Section, or Order issued hereunder, or any other pretreatment standard or requirement, the Authority may petition the Court of Common Pleas of Washington County for the issuance of a temporary or permanent injunction, as appropriate, which restrains or compels the specific performance of the permit, Order or other requirement imposed by this Section on the activities of the USER.
1. The Authority may also seek such other action as is appropriate for legal and/or equitable relief, including a requirement for the USER to conduct environmental remediation. A petition for injunctive relief shall not be a bar against, or a prerequisite for, taking any other action against a USER.
- I. A USER who willfully or negligently violates any provision of this Section, or Order issued hereunder, or any other pretreatment standard or requirement, or who willfully or negligently introduces any substance into the Sanitary Sewerage System in violation of this Section, or Order issued hereunder, or any other pretreatment standard or requirement, or any USER who knowingly makes any false statements, representations or certifications in any application, record, report, plan or document filed, or required to be maintained pursuant to this Section, or Order issued hereunder, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device of a method required under the Section, may be subject to criminal prosecution in accordance with the applicable provisions of the Pennsylvania Crimes Code, 18 Pa.C.S.A. Section 101 et seq.
- J. The Authority may decline to reinstate the discharge to any USER who has failed to comply with any provision of this Section, or Order issued hereunder, or any pretreatment standard or requirement, unless such USER first files a satisfactory bond or other security, payable to the Authority, in a sum not to exceed a value determined by the Authority, or their authorized representative, to be necessary to achieve consistent compliance.

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- K. The Authority is authorized to request the termination of the public sewer service in for any USER found to be in violation of this Section. Sewer connection termination may be used as an enforcement measure under several circumstances. These include non-compliance with the FOG Program, such as failure to install, maintain, or operate required grease control equipment; failure to adhere to cleaning, recordkeeping, or inspection requirements; noncompliance with applicable FOG permitting, reporting, or best management practices; and the unauthorized discharge of FATS, OILS, AND GREASE in quantities that exceed permissible limits. Sewer connection termination may also be imposed if any discharge from the USER causes or has the potential to cause blockages, obstructions, or damage to the sanitary sewer collection system or wastewater treatment plant, or if such discharge poses a threat to Authority personnel, the public, or the environment. Additional grounds include failure to allow the Authority access to the premises for inspection, sampling, or monitoring purposes, failure to pay sewer-related charges or penalties within the specified timeframe, or failure to comply with any issued compliance schedule or corrective action plan.
1. Except in cases of violations of any of the requirements in this Section, the Authority shall provide written notice to the USER describing the violation and granting fifteen (15) calendar days to correct it before suspending water or wastewater service. The notice shall clearly state the Authority's intent to proceed with the termination of sewer service if the violation remains unresolved. In emergency situations where there is an immediate risk to the collection system, treatment plant, or public safety, the Authority may request immediate sewer service termination without prior notice; in such cases, the USER will receive written notification promptly thereafter. The Authority will coordinate all termination and restoration actions.
 2. In addition to the requirements outlined in Section 13.16 (g), sewer service shall not be restored until the underlying violation has been corrected to the satisfaction of the Authority, all outstanding fees and penalties have been paid in full. The Authority shall not be liable for any damages resulting from the termination of sewer service undertaken in accordance with this section. In addition to the enforcement referenced in this Section, USERS may be subject to any other applicable local, state, or federal requirement.
 3. The Authority may file a municipal lien claim for any and all costs incurred by the Authority as a result of any violation of this ordinance.

END OF SECTION

Appendix A

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WASHINGTON-EAST WASHINGTON JOINT AUTHORITY

RESOLUTION NO. 26-8

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE WASHINGTON-EAST WASHINGTON JOINT AUTHORITY ADOPTING THE UPDATED SEWER USE RULES AND REGULATIONS

WHEREAS, the Washington-East Washington Joint Authority owns, operates, maintains, and regulates a sanitary sewerage system serving customers within its service area; and

WHEREAS, the Authority has adopted Sewer Use Rules and Regulations governing the furnishing of sewage services, the use of the Authority's sanitary sewerage system, connections to the system, sewer line extensions, industrial waste discharges, and related matters; and

WHEREAS, the Authority's Sewer Use Rules and Regulations provide that the Rules and Regulations may be amended from time to time as needed and that they govern and control the furnishing of sewage services and the terms and conditions under which current and future Authority customers receive sewer service; and

WHEREAS, the Authority has prepared an updated version of its Sewer Use Rules and Regulations, dated August 24, 2026, for adoption by the Board of Directors; and

WHEREAS, the updated Sewer Use Rules and Regulations include major modifications to Section 10, Municipal Industrial Pretreatment Program, in response to findings from a recent audit conducted by the United States Environmental Protection Agency and to further strengthen the Authority's industrial pretreatment program; and

WHEREAS, Section 10 of the updated Sewer Use Rules and Regulations establishes uniform requirements for direct and indirect contributions into the Authority's sanitary sewerage system from industrial users, including provisions intended to prevent interference, pass through, impacts to sludge, harm to personnel or the public, and violations of the Authority's NPDES Permit or other applicable federal or state requirements; and

WHEREAS, the updated Sewer Use Rules and Regulations also add a new Section 13, Fats, Oils and Grease Control Program, to establish requirements for the control, discharge, interception, maintenance, permitting, administration, and enforcement of fats, oils, and grease discharges to the Authority's sanitary sewerage system; and

WHEREAS, the updated Sewer Use Rules and Regulations further include formatting, organizational, and template revisions throughout the document to provide a cleaner, more consistent, and more usable governing document for the Authority, its customers, consultants, contractors, developers, industrial users, commercial users, municipal partners, and staff; and

WHEREAS, the Board of Directors has reviewed the updated Sewer Use Rules and Regulations and finds that adoption of the same is in the best interest of the Authority and is necessary and appropriate for the continued protection, regulation, operation, maintenance, and administration of the Authority's sanitary sewerage system.

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RESOLUTION NO. 26-8

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE WASHINGTON-EAST WASHINGTON JOINT AUTHORITY ADOPTING THE UPDATED SEWER USE RULES AND REGULATIONS

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Washington-East Washington Joint Authority as follows:

Section 1. Adoption of Updated Sewer Use Rules and Regulations

The Board of Directors hereby adopts the document titled "The Washington-East Washington Joint Authority Sewer Use Rules and Regulations," dated August 24, 2026, in the form presented to the Board, as the official Sewer Use Rules and Regulations of the Washington-East Washington Joint Authority.

Section 2. Authority to Implement and Enforce

The Executive Director, Authority Solicitor, Authority Engineer, and appropriate Authority staff and consultants are hereby authorized and directed to take all actions necessary or appropriate to implement, administer, publish, distribute, and enforce the updated Sewer Use Rules and Regulations, including coordination with customers, users, industrial users, commercial establishments, municipal partners, the Pennsylvania Department of Environmental Protection, the United States Environmental Protection Agency, and other applicable agencies as necessary.

Section 3. Severability

If any section, subsection, sentence, clause, phrase, or provision of this Resolution or the updated Sewer Use Rules and Regulations adopted hereby is determined by a court of competent jurisdiction to be invalid, illegal, or unenforceable, such determination shall not affect the validity, legality, or enforceability of the remaining provisions, which shall remain in full force and effect.

Section 4. Effective Date

This Resolution shall take effect immediately upon adoption.

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY

RESOLUTION NO. 26-8

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE WASHINGTON-EAST
WASHINGTON JOINT AUTHORITY ADOPTING THE UPDATED SEWER USE
RULES AND REGULATIONS

ADOPTED this 24 day of August, 2026.

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY

By:

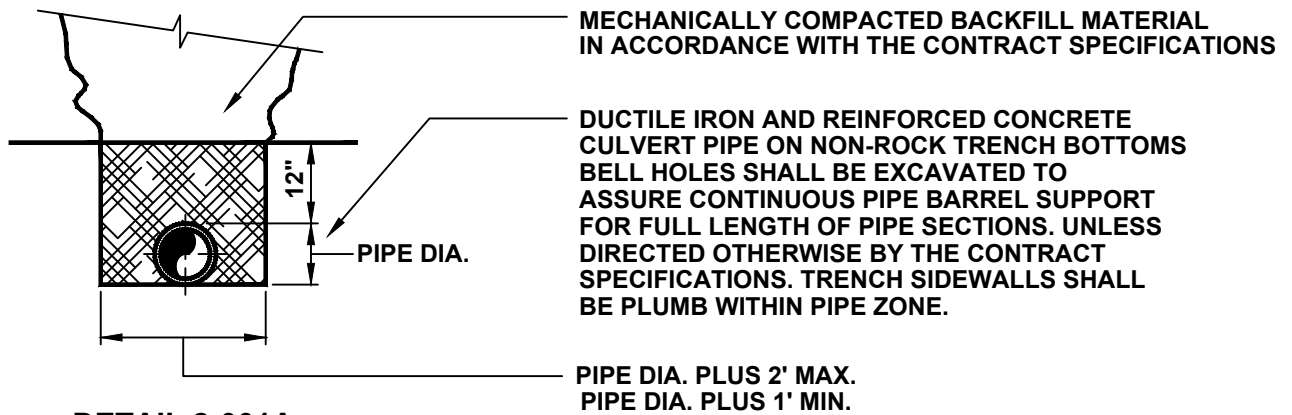

Terry Faust, Chairman

ATTEST:

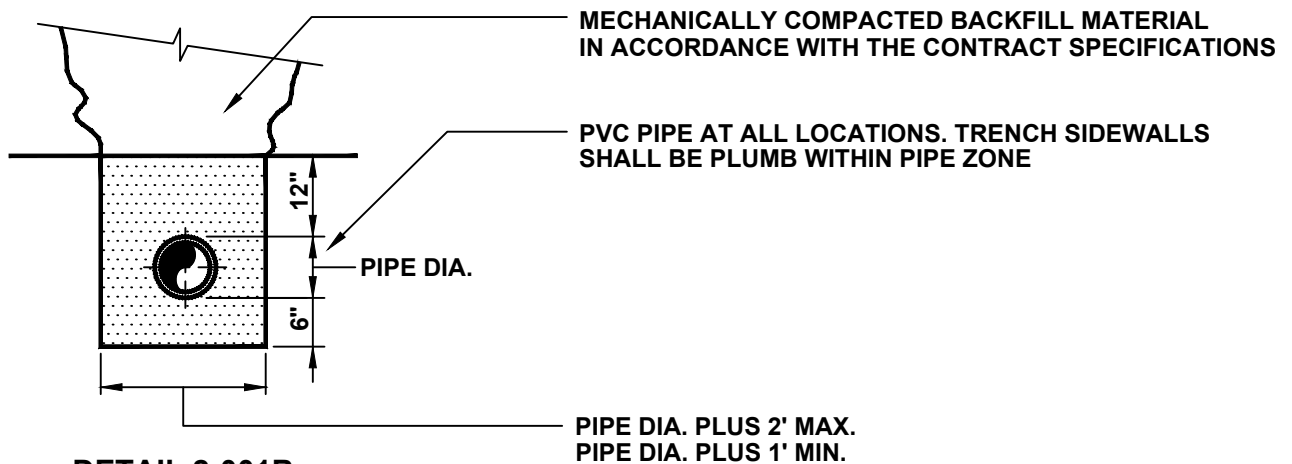

Richard Beck, Secretary

Appendix B

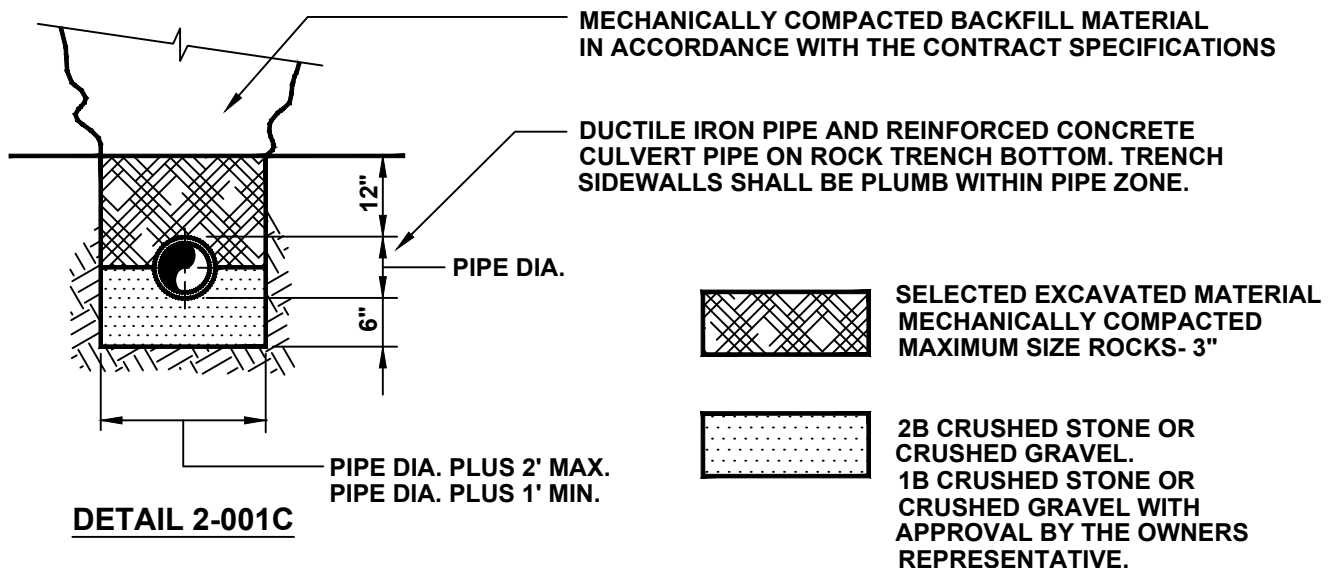
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DETAIL 2-001A



DETAIL 2-001B

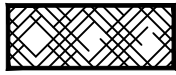


DETAIL 2-001C

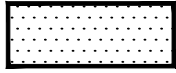
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY			TRENCH PIPE ZONE DETAIL		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-01	1	

NOTE:

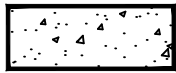
WHERE SPECIAL SELECT BACKFILL IS REQUIRED BETWEEN THE PIPE ZONE AND THE SURFACE MATERIAL, THE PIPE ZONE SHALL EXTEND 12" ABOVE THE PIPE REGARDLESS OF PIPE MATERIAL



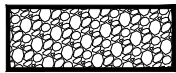
SELECTED EXCAVATED MATERIAL
MECHANICALLY COMPACTED
MAXIMUM SIZE ROCKS- 3"



2B CRUSHED STONE OR
CRUSHED GRAVEL.
1B CRUSHED STONE OR
CRUSHED GRAVEL WITH
APPROVAL BY THE OWNERS
REPRESENTATIVE.

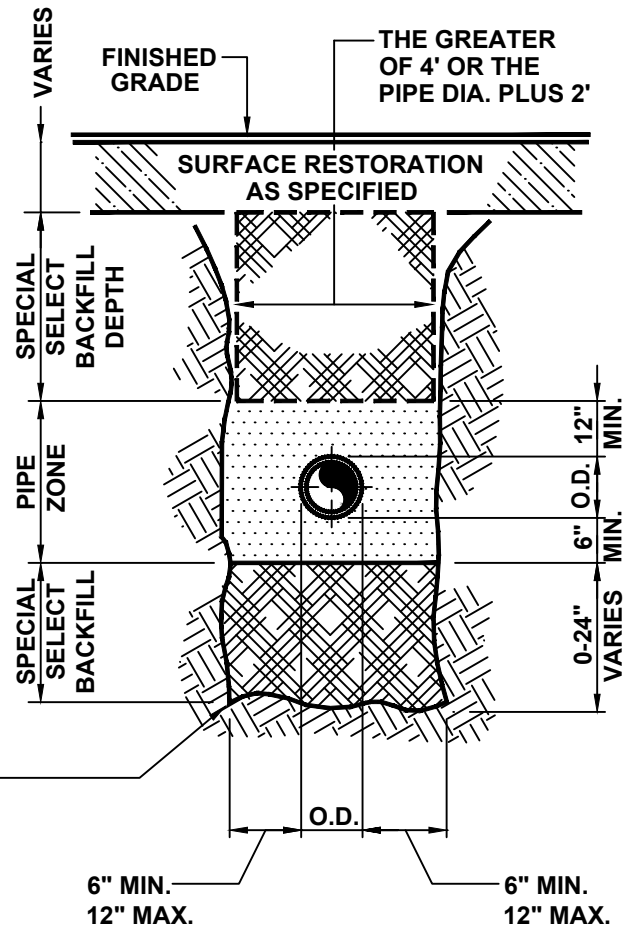


CLASS "C" CONCRETE

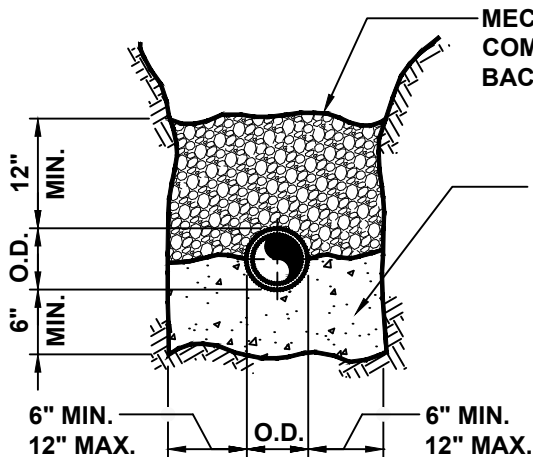


MECHANICALLY COMPACTED
BACKFILL

WHERE EXCAVATION EXPOSES THE BOTTOM OF PROPOSED TRENCHES WHERE VERY SOFT OR OTHER UNSTABLE PIPE FOUNDATION MATERIALS EXIST, THE CONTRACTOR WILL BE DIRECTED TO OVERCUT OR STABILIZE / OVERCUT AND THE CONTRACTOR SHALL BE COMPENSATED FOR THE ADDITIONAL EXCAVATION IN ACCORDANCE WITH THE PROVISIONS SPECIFIED IN THE GENERAL CONDITIONS.

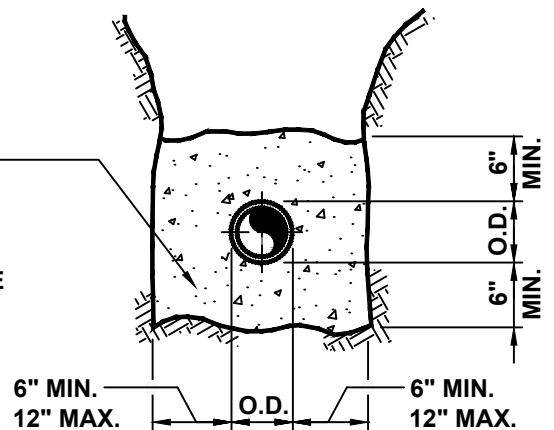


**SPECIAL BACKFILL
DETAIL 2-002 A**



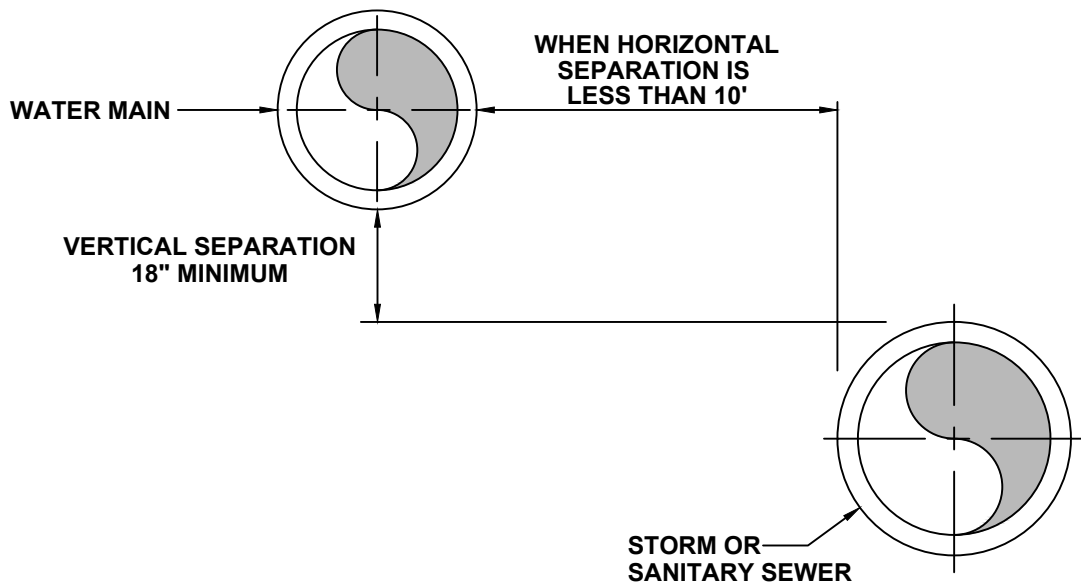
**TYPICAL CONCRETE CRADLE
DETAIL 2-002 B**

6" MIN. THICKNESS
CONC. ENCASEMENT
POURED AGAINST
UNDISTURBED EARTH
CLASS "C" CONCRETE



**TYPICAL CONCRETE ENCASEMENT
DETAIL 2-002 C**

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY			TRENCH DETAILS		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-02	2	

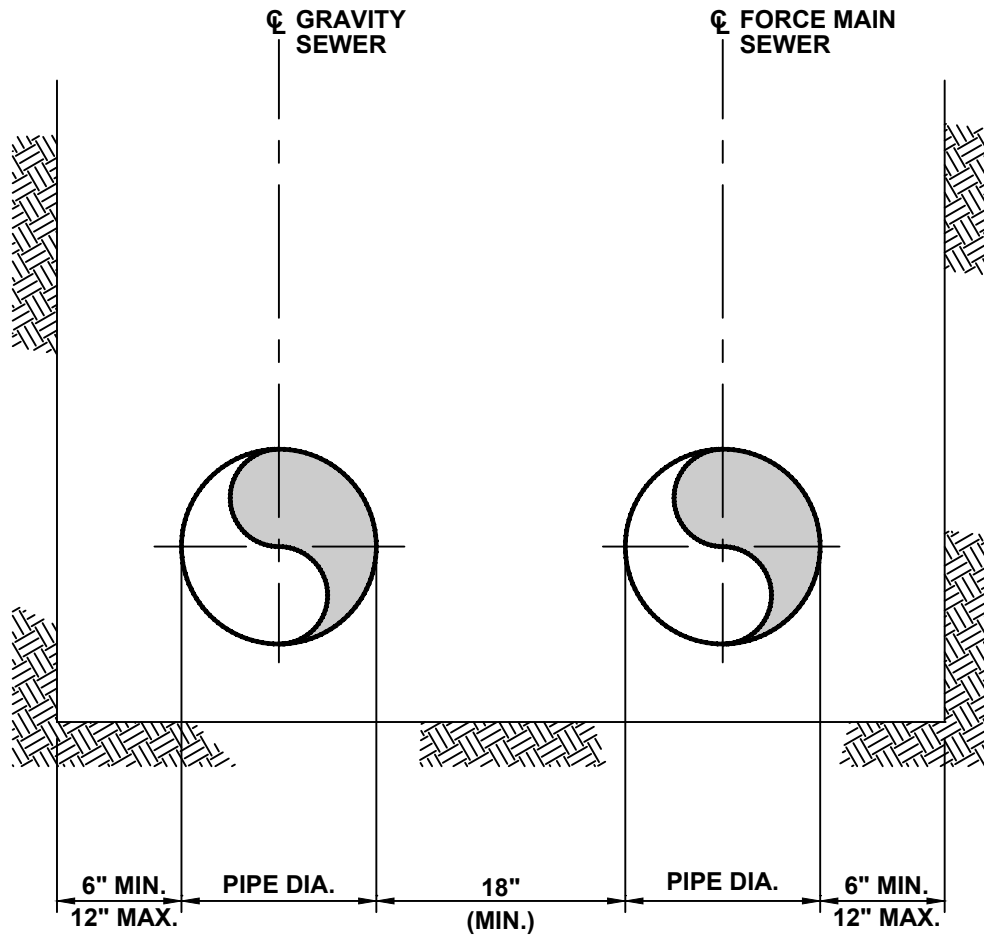


NOTES:

1. WHEN THE HORIZONTAL SEPARATION OF THE WATER MAIN AND SEWER LINE IS LESS THAN 10', THE VERTICAL SEPARATION BETWEEN THE TOP (CROWN) OF THE SEWER LINE AND THE BOTTOM (INVERT) OF THE WATER MAIN SHALL BE AT LEAST 18". SEWER LINE SHALL BE ENCASED IN CONCRETE FOR 10' ON EITHER SIDE OF THE WATER MAIN WHERE SEWER / WATER LINE CROSSINGS OCCUR AND WHERE CONDITIONS PREVENT AN 18" VERTICAL SEPARATION.
2. THERE SHALL BE AT LEAST A 10' HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWER FORCE MAINS. FORCE MAINS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18" BETWEEN THE OUTSIDE OF THE FORCE MAIN AND THE OUTSIDE OF THE WATER MAIN.

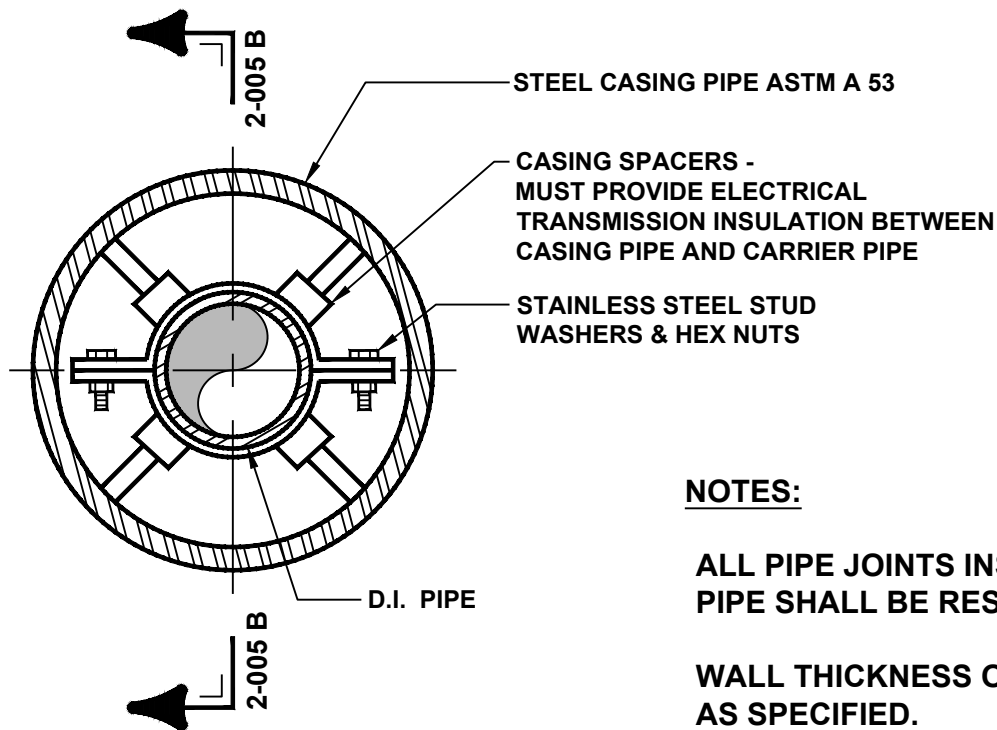
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		DESIRED DISTANCES BETWEEN WATER AND SEWER PIPES		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-03	3

REFERENCE TRENCH ZONE DETAILS SD-2-001 AND PIPE BEDDING SD-2-002



NOTE:
FORCE MAIN TO BE INSTALLED
ON RISING GRADIENT

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		GRAVITY SEWER AND FORCE MAIN CONSTRUCTED PARALLEL IN COMMON TRENCH		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-04	4

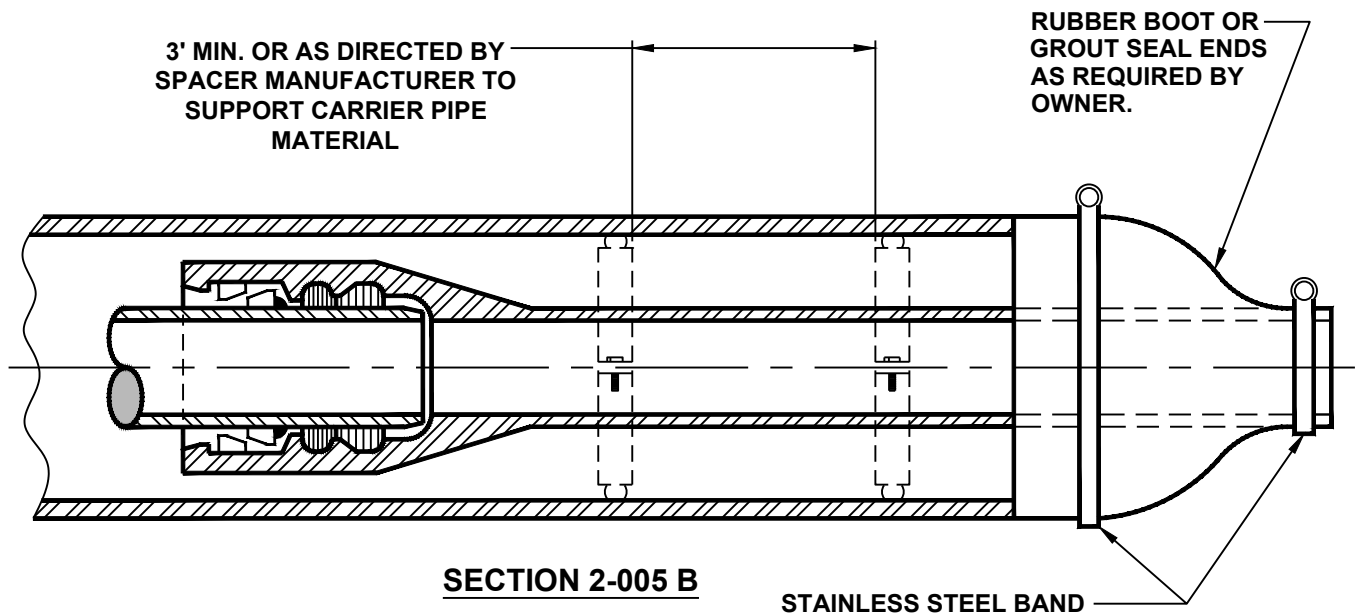


SECTIONAL PLAN 2-005 A

NOTES:

ALL PIPE JOINTS INSIDE CASING
PIPE SHALL BE RESTRAINED.

WALL THICKNESS OF CASING PIPE
AS SPECIFIED.



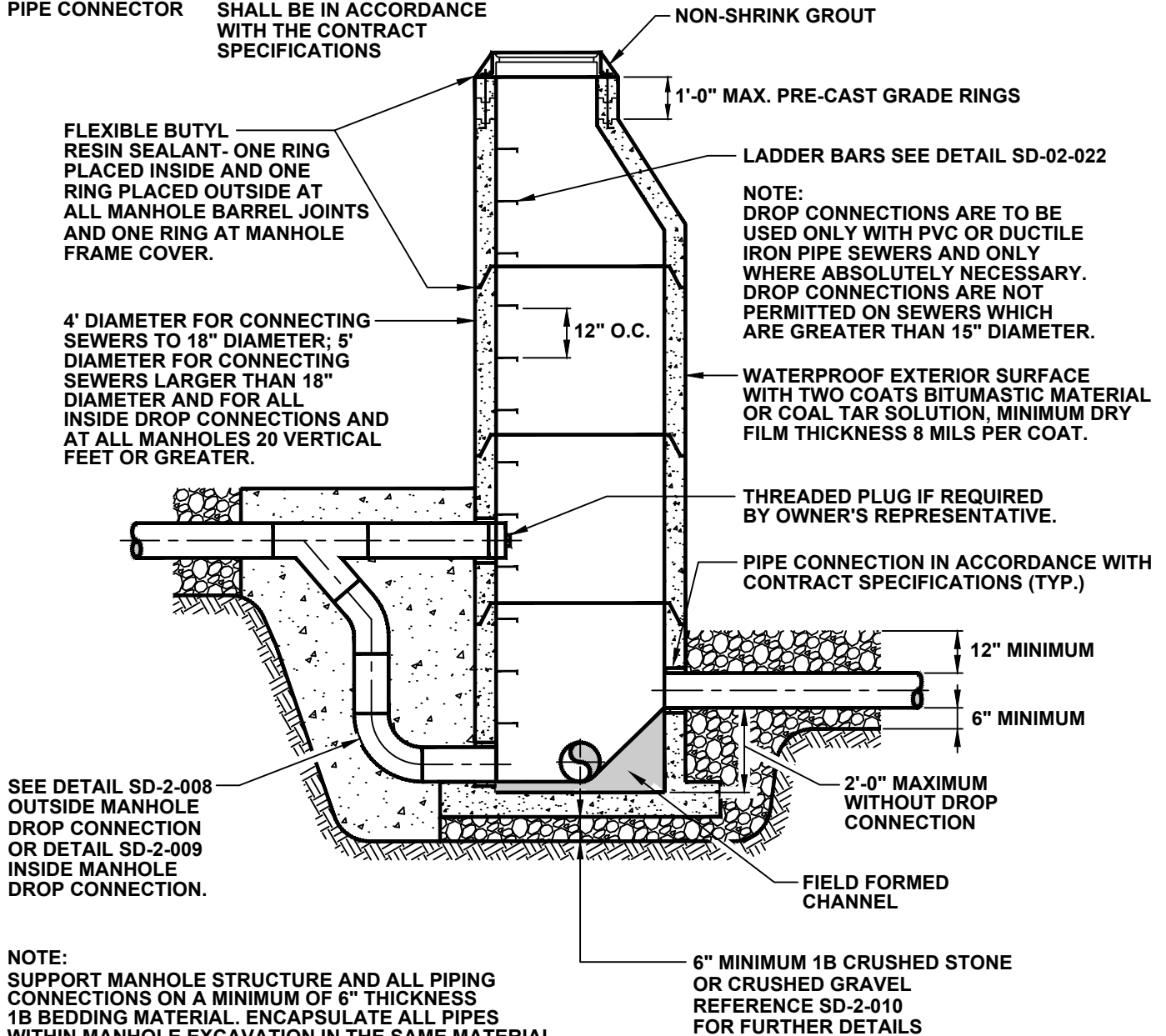
SECTION 2-005 B

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		STEEL CASING AND D.I. CARRIER INSTALLED BY BORING		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-05	5

MANHOLE BARREL SHALL BE PRE-CAST CONCRETE ASTM C478 OR GLASS FIBER REINFORCED ASTM D3753. FOR CONNECTING PIPES 18" DIAMETER OR LESS, THE MANHOLE BARREL SHALL BE 4' DIAMETER; WHERE THERE ARE LARGER CONNECTING PIPES OR INSIDE DROP CONNECTIONS, THE DIAMETER SHALL BE 5'.

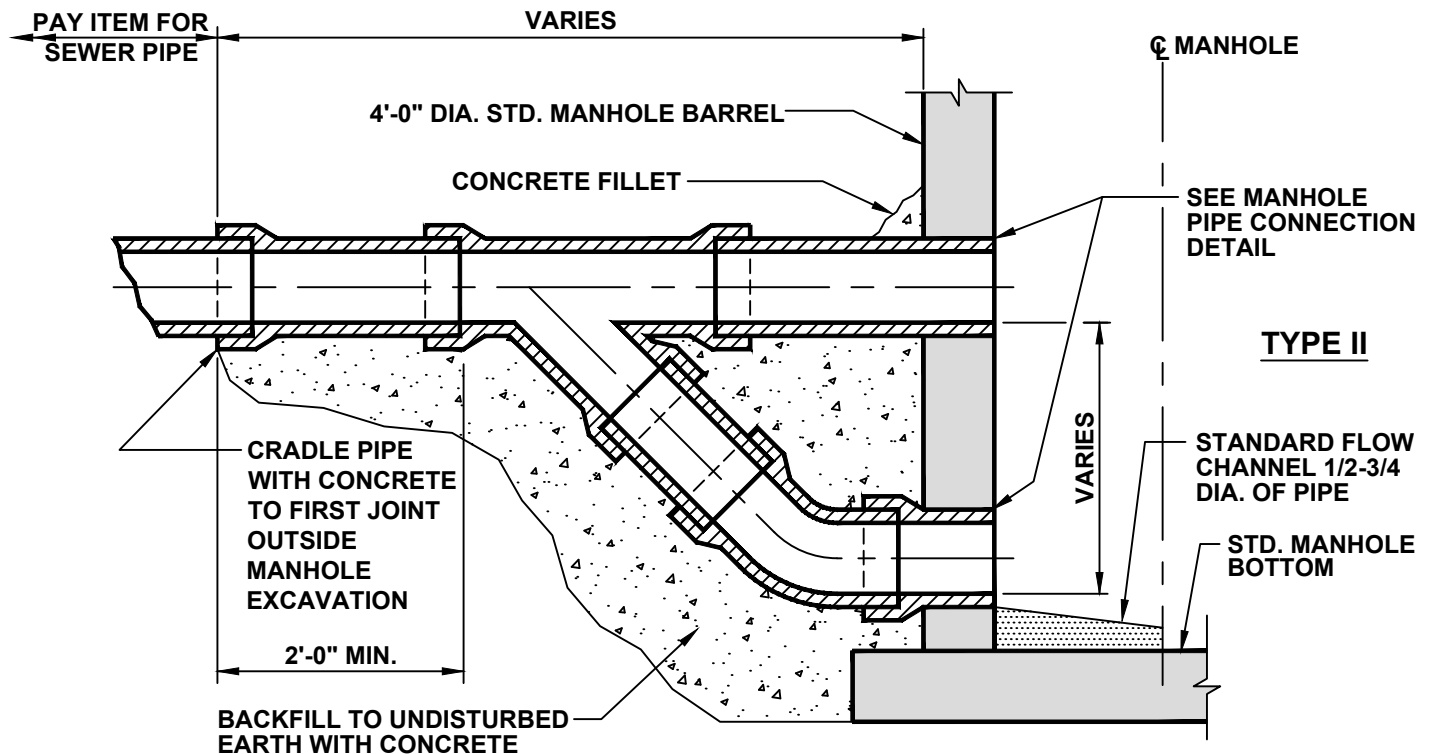
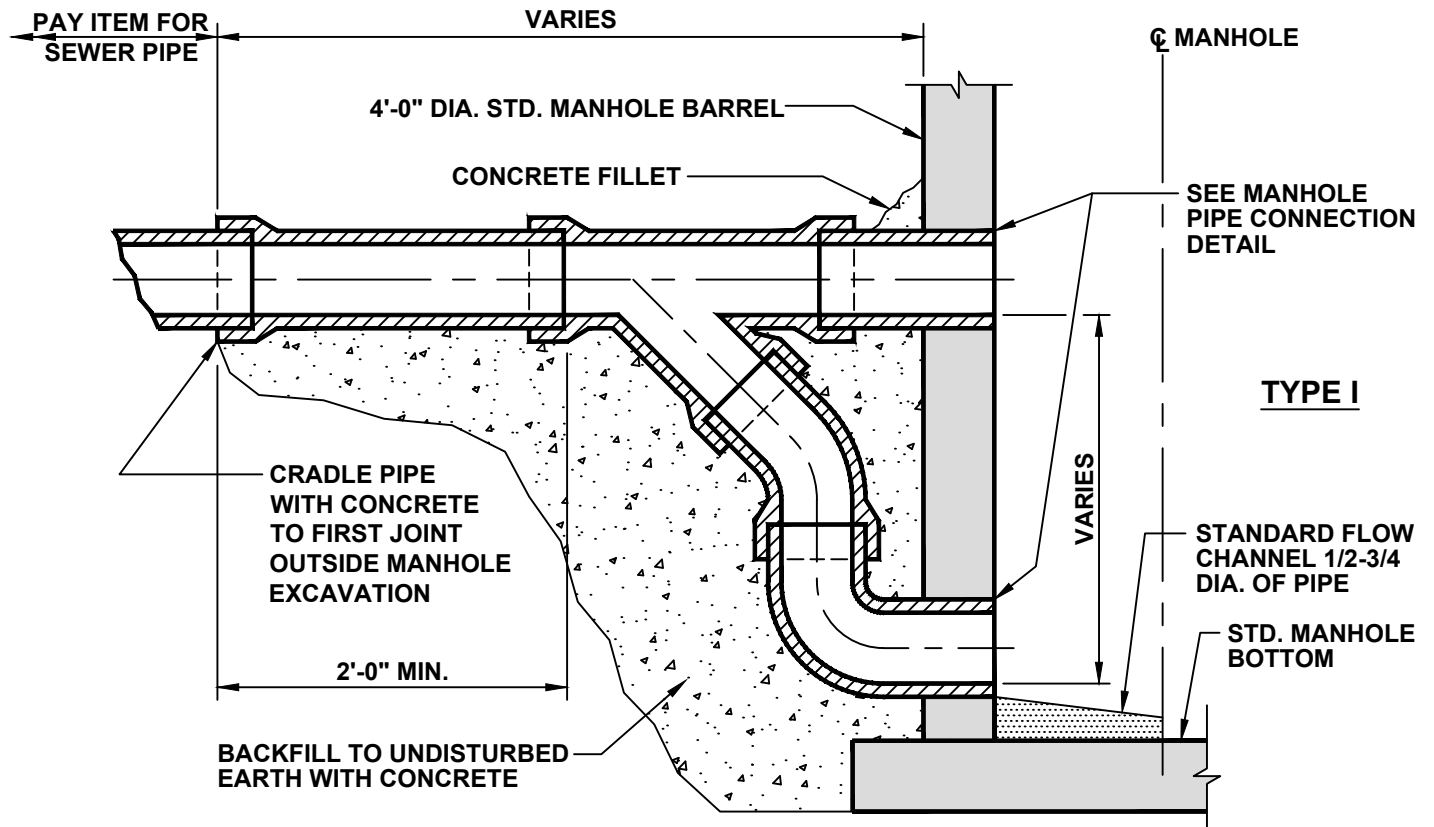
REFERENCE DETAILS

TOP OF MANHOLE SD-2-010
 MANHOLE FRAME & COVER SD-2-019 OR SD-2-020
 INFLOW PROTECTOR SD-2-021
 STEPS SD-2-022
 PIPE CONNECTOR SHALL BE IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS



NOTE:
 SUPPORT MANHOLE STRUCTURE AND ALL PIPING CONNECTIONS ON A MINIMUM OF 6" THICKNESS 1B BEDDING MATERIAL. ENCAPSULATE ALL PIPES WITHIN MANHOLE EXCAVATION IN THE SAME MATERIAL TO AN ELEVATION OF 12" ABOVE THE TOP OF PIPES. OUTSIDE MANHOLE DROP CONNECTION SHALL BE ENCASED WITH CONCRETE.

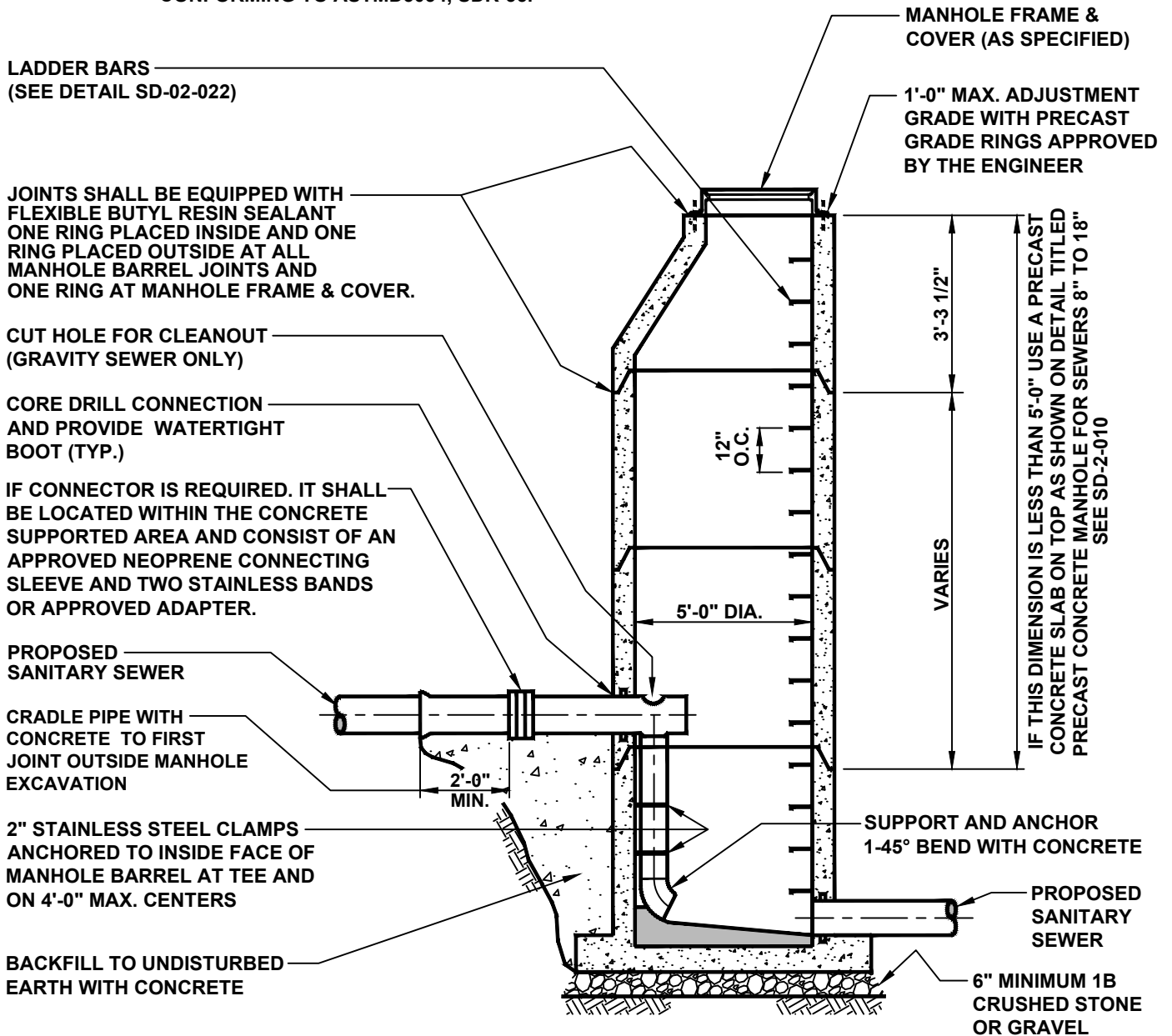
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		MANHOLE FOR SEWERS FOR DEPTHS GREATER THAN 5 FEET			
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-07	6	



WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		OUTSIDE MANHOLE DROP CONNECTION		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-08	7

NOTES:

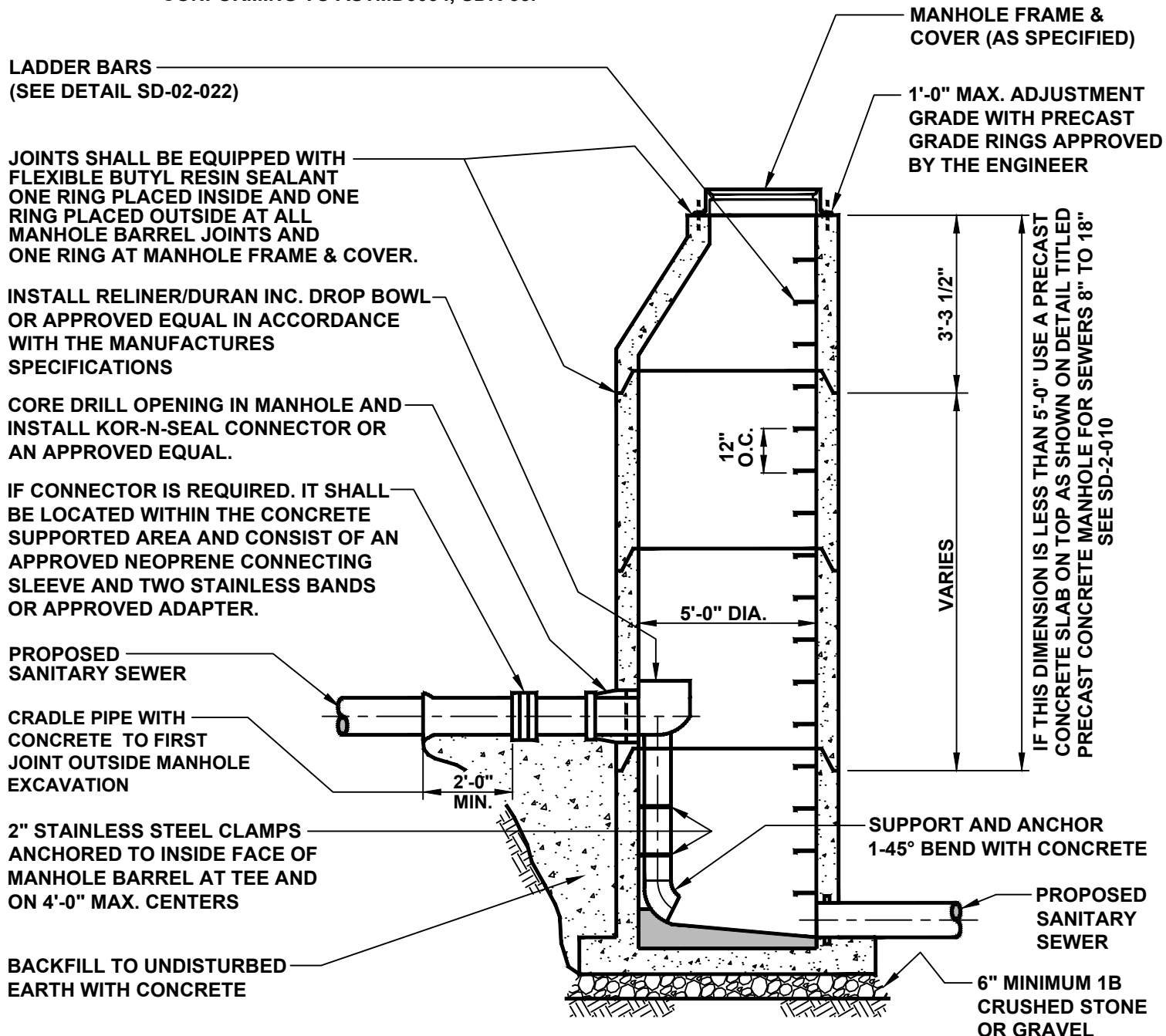
1. 5' DIA. PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM C478, LATEST REVISION.
2. LIFTING HOLES SHALL BE PAINTED WITH MORTAR, MADE WATERTIGHT AND LEFT NEAT.
3. DROP CONNECTION INLET PIPE TEE AND BENDS SHALL BE PVC PIPE CONFORMING TO ASTM D3034, SDR-35.
4. FOR FORCE MAINS, INSTALL RUN OF TEE IN VERTICAL POSITION.
5. ALL OTHER MANHOLE STANDARD DETAIL REQUIREMENTS APPLY. SEE SD-2-010



WASHINGTON-EAST WASHINGTON JOINT AUTHORITY			INSIDE MANHOLE DROP CONNECTION		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-09	8	

NOTES:

1. 5' DIA. PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM C478, LATEST REVISION.
2. LIFTING HOLES SHALL BE PAINTED WITH MORTAR, MADE WATERTIGHT AND LEFT NEAT.
3. DROP CONNECTION INLET PIPE TEE AND BENDS SHALL BE PVC PIPE CONFORMING TO ASTM D3034, SDR-35.
4. FOR FORCE MAINS, INSTALL RUN OF TEE IN VERTICAL POSITION.
5. ALL OTHER MANHOLE STANDARD DETAIL REQUIREMENTS APPLY. SEE SD-2-010



WASHINGTON-EAST WASHINGTON
JOINT AUTHORITY

INSIDE MANHOLE BOWL
DROP CONNECTION

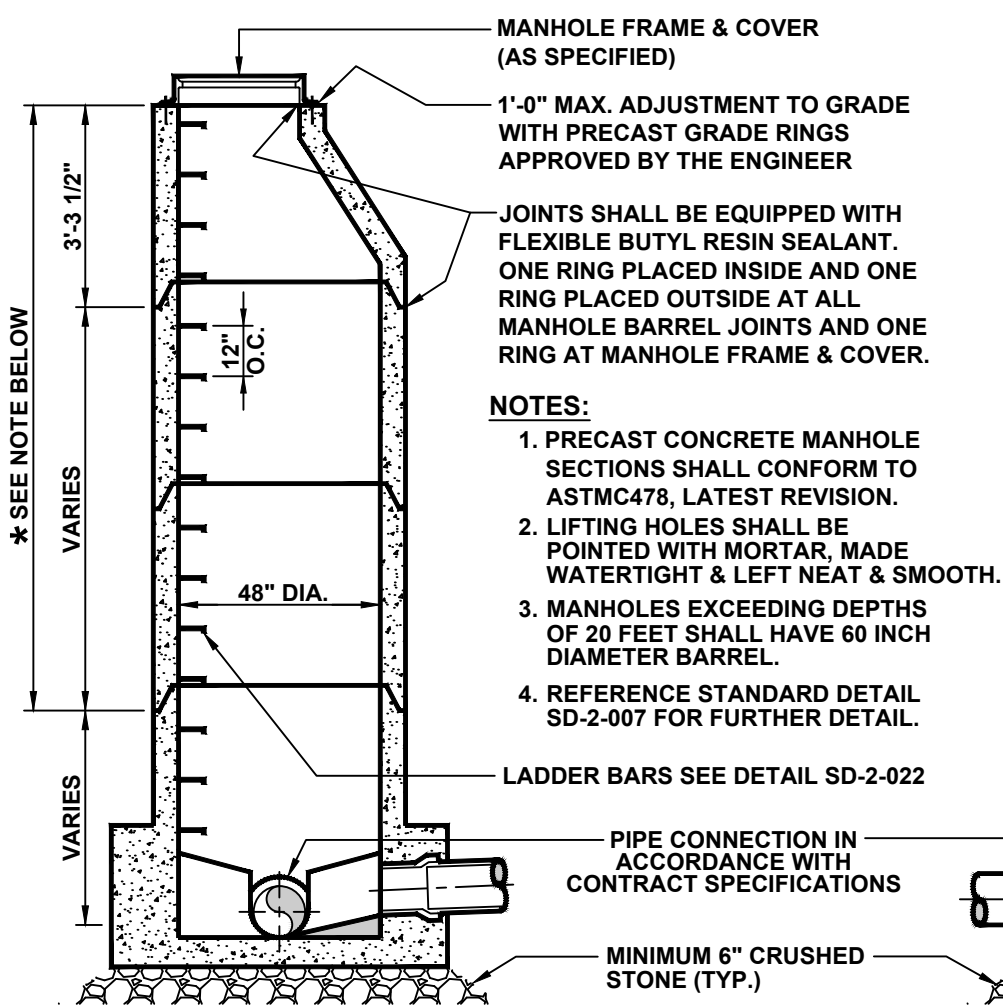
KLH ENGINEERS, INC.

Not to scale

December 2016

Standard Detail SD-09A

9



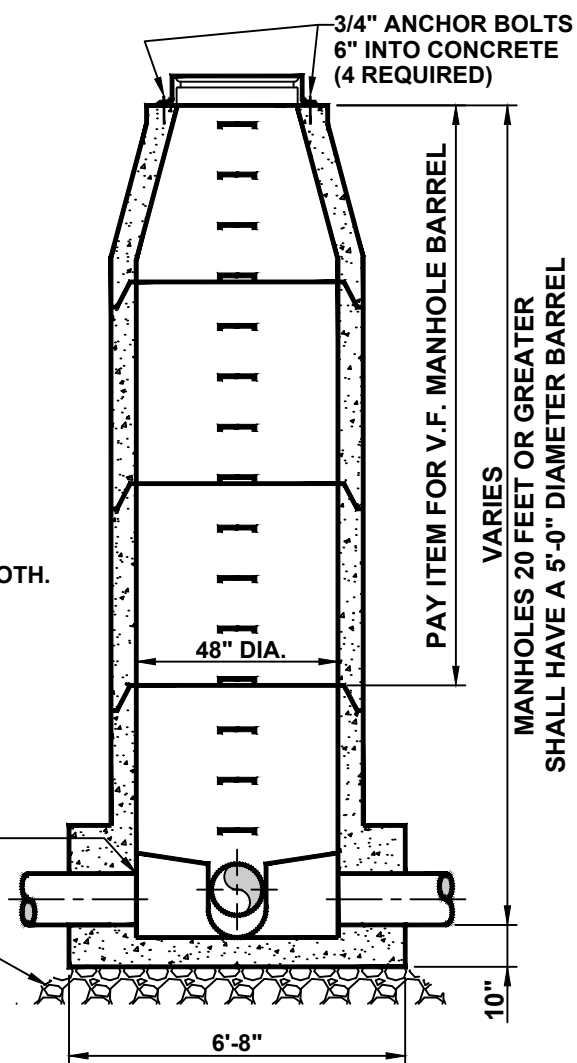
SECTION 2-010-A

NOTES:

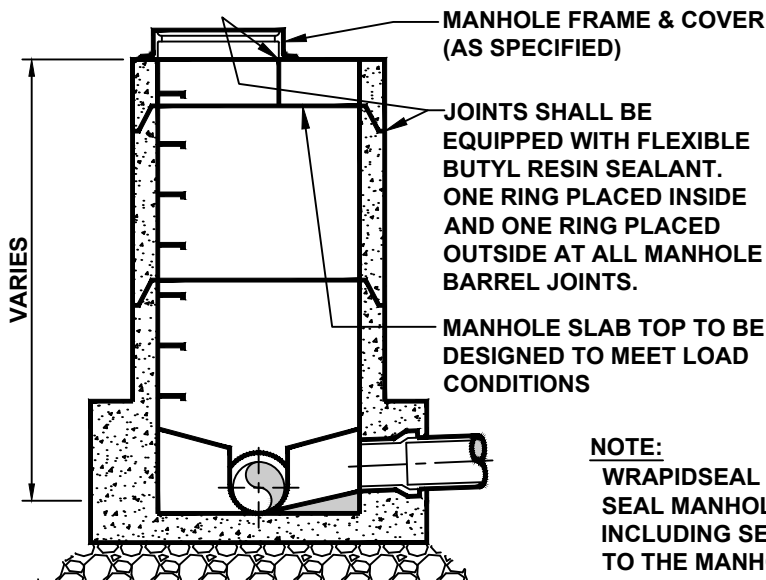
1. PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM C478, LATEST REVISION.
2. LIFTING HOLES SHALL BE POINTED WITH MORTAR, MADE WATERTIGHT & LEFT NEAT & SMOOTH.
3. MANHOLES EXCEEDING DEPTHS OF 20 FEET SHALL HAVE 60 INCH DIAMETER BARREL.
4. REFERENCE STANDARD DETAIL SD-2-007 FOR FURTHER DETAIL.

*** NOTE:**

IF THIS DIMENSION IS LESS THAN 5'-0" USE A PRECAST CONCRETE SLAB ON TOP AS SHOWN BELOW



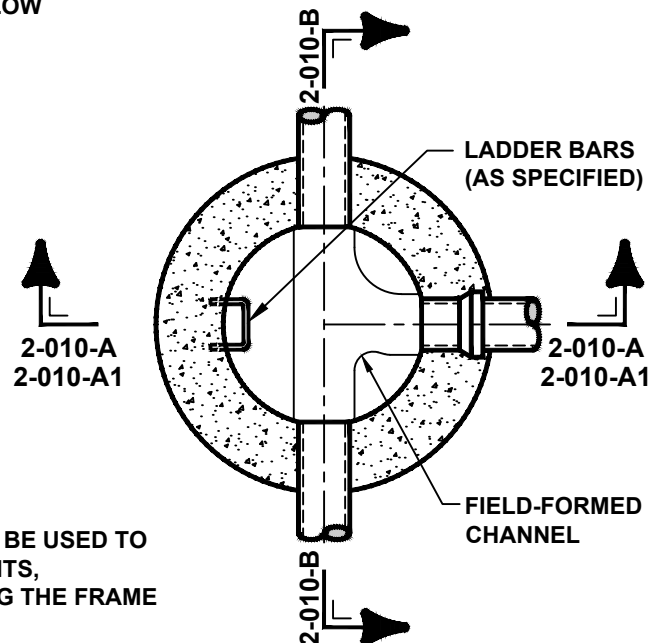
SECTION 2-010-B



SECTION 2-010-A1

NOTE:

WRAPIDSEAL SHALL BE USED TO SEAL MANHOLE JOINTS, INCLUDING SECURING THE FRAME TO THE MANHOLE.



PLAN 2-010-C

WASHINGTON-EAST WASHINGTON
JOINT AUTHORITY

PRECAST CONCRETE MANHOLE
FOR SEWERS 8" TO 18"

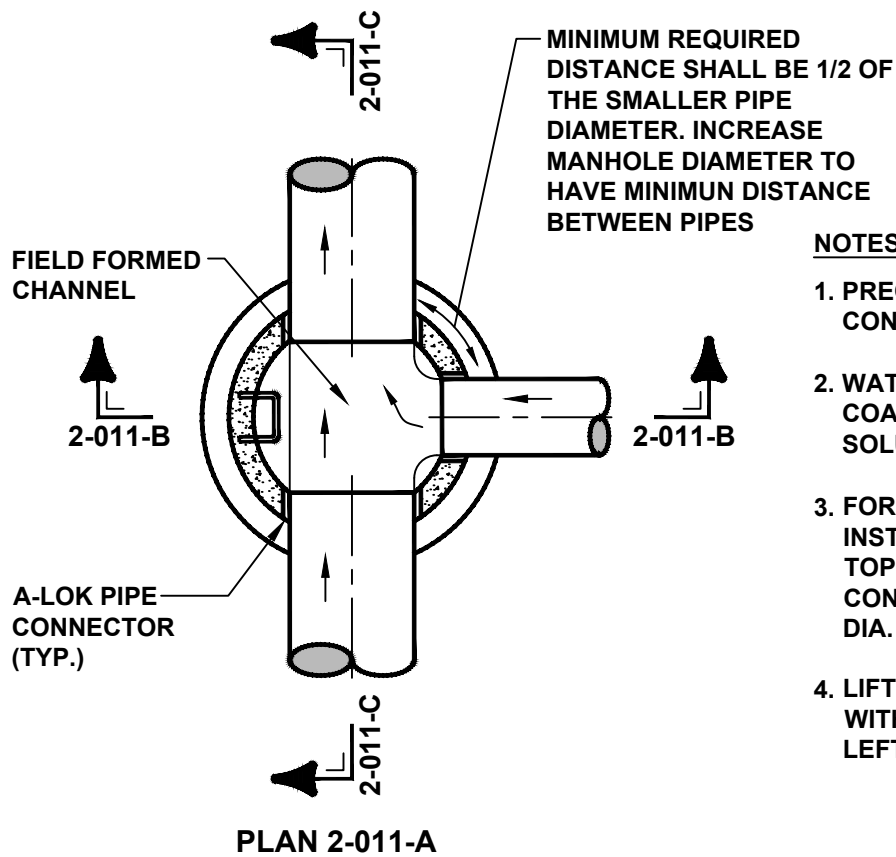
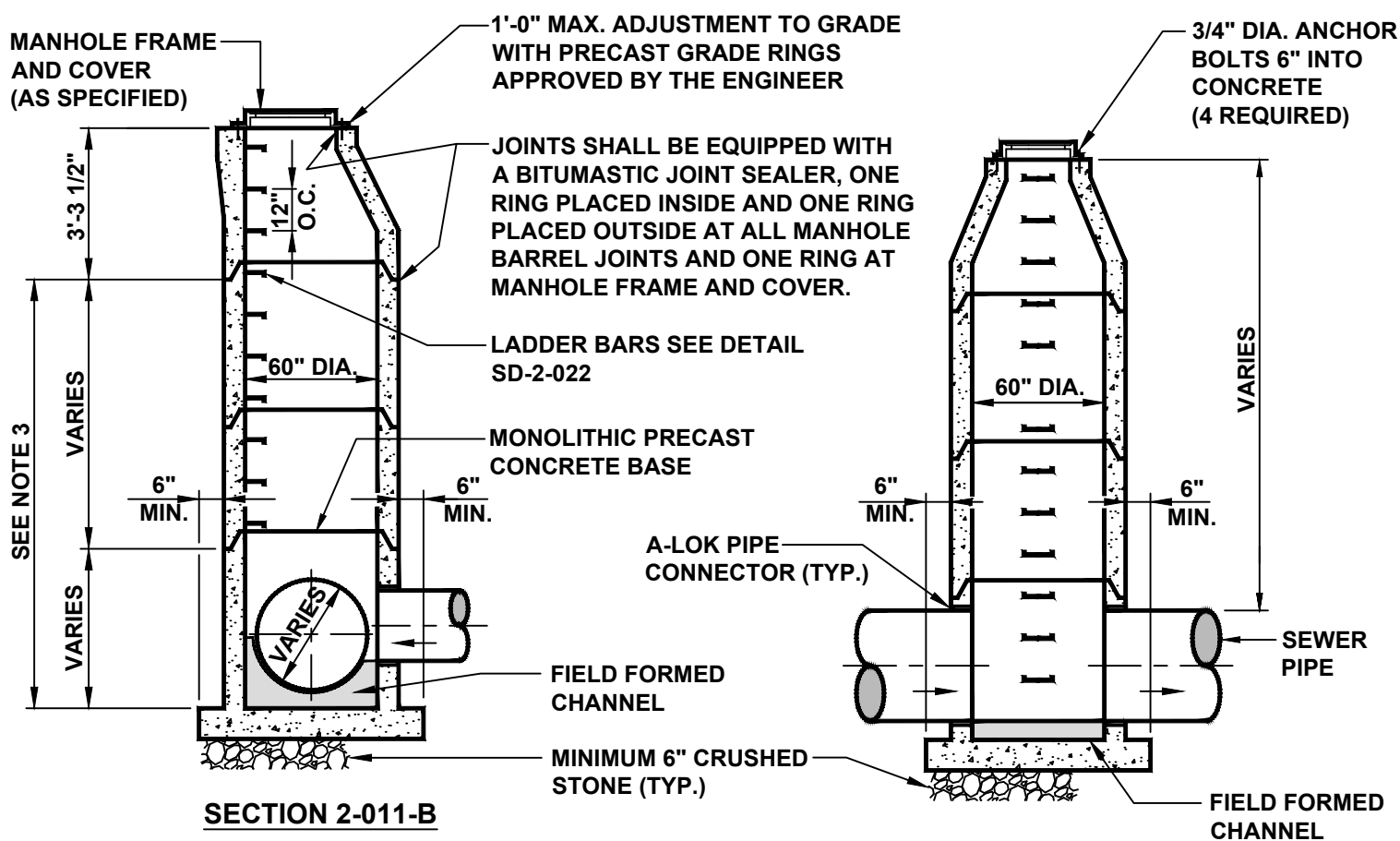
KLH ENGINEERS, INC.

Not to scale

December 2016

Standard Detail SD-10

10

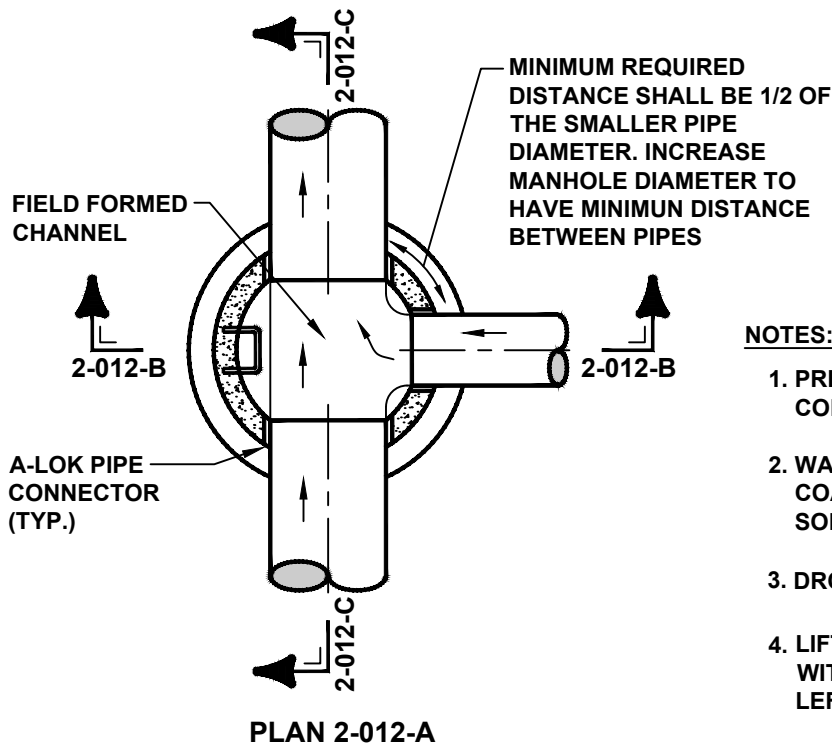
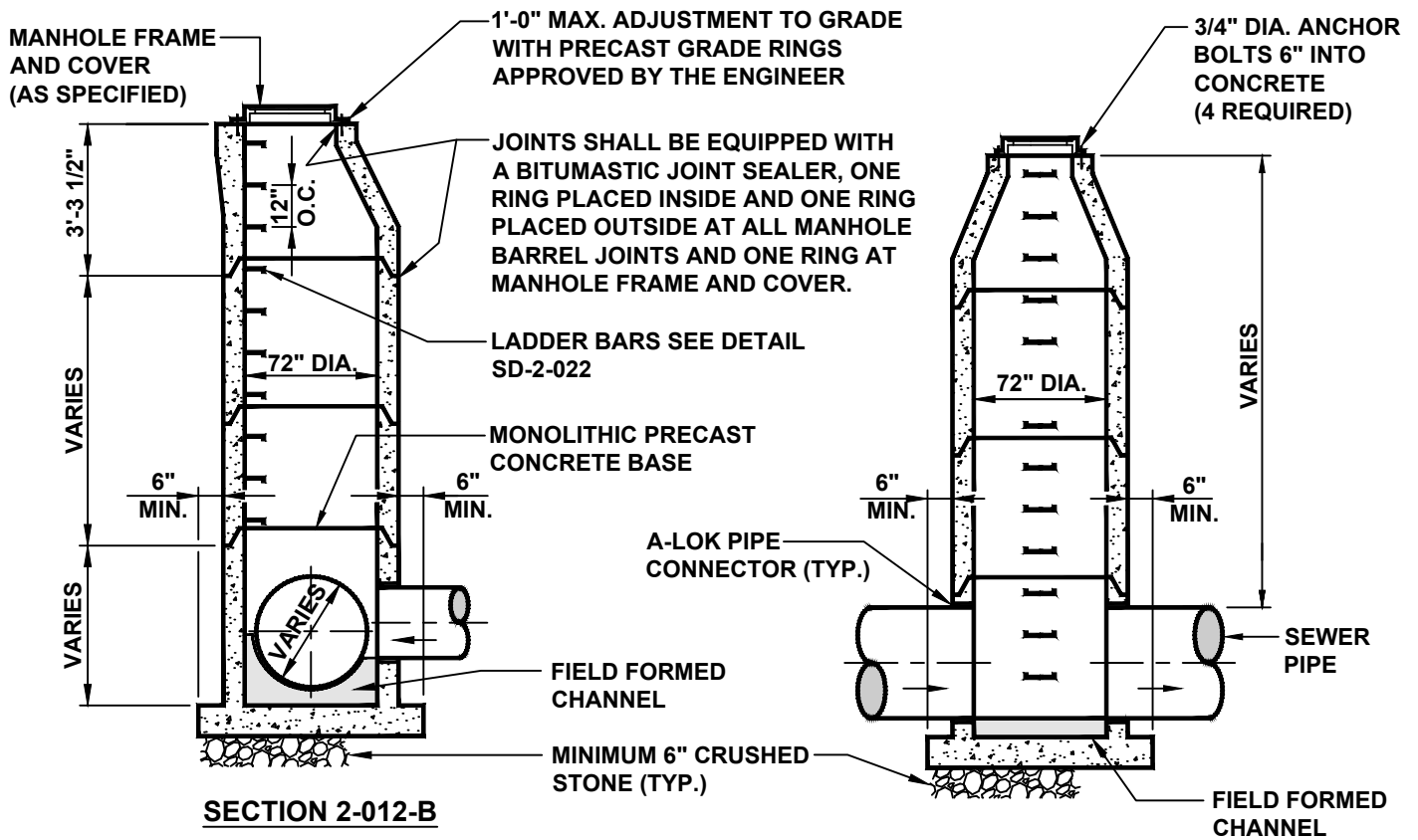


NOTE:
WRAPIDSEAL SHALL BE USED TO SEAL MANHOLE JOINTS, INCLUDING SECURING THE FRAME TO THE MANHOLE.

NOTES:

1. PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM C478, LATEST REVISION.
2. WATERPROOF EXTERIOR SURFACE WITH TWO COATS BITUMASTIC MATERIAL OR COAL TAR SOLUTION, 8 MILS PER COAT.
3. FOR DEPTHS LESS THAN 5'-0", INSTALL PRECAST CONCRETE SLAB TOP DESIGNED TO MEET LOAD CONDITIONS. MANHOLE TO BE 60" DIA. FULL DEPTH.
4. LIFTING HOLES SHALL BE POINTED WITH MORTAR, MADE WATERTIGHT & LEFT NEAT & SMOOTH

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		PRECAST CONCRETE MANHOLE (60 INCH DIAMETER) (PIPE DIAMETER- 21" TO 30")			
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-11	11	

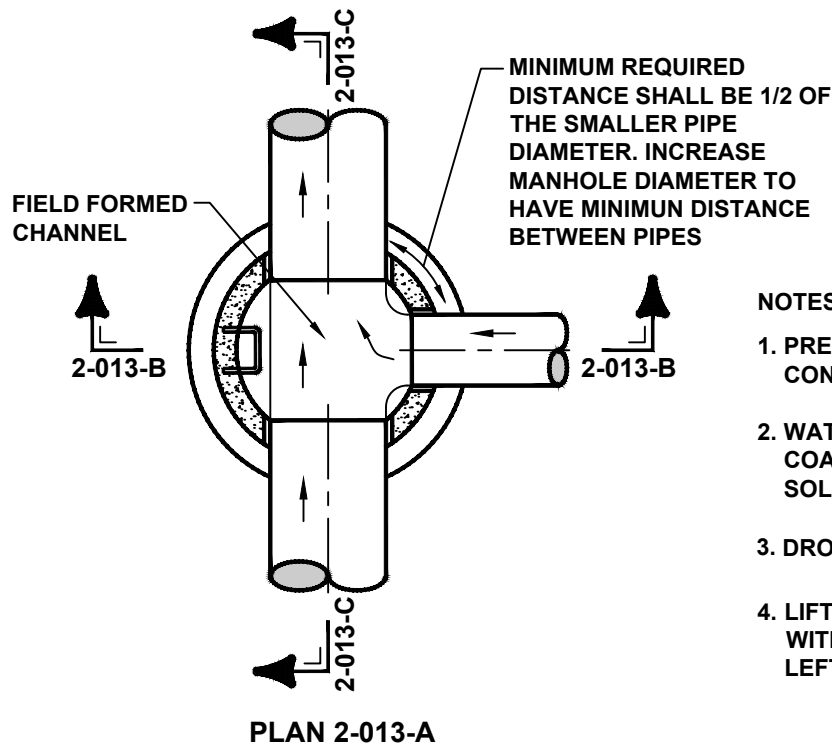
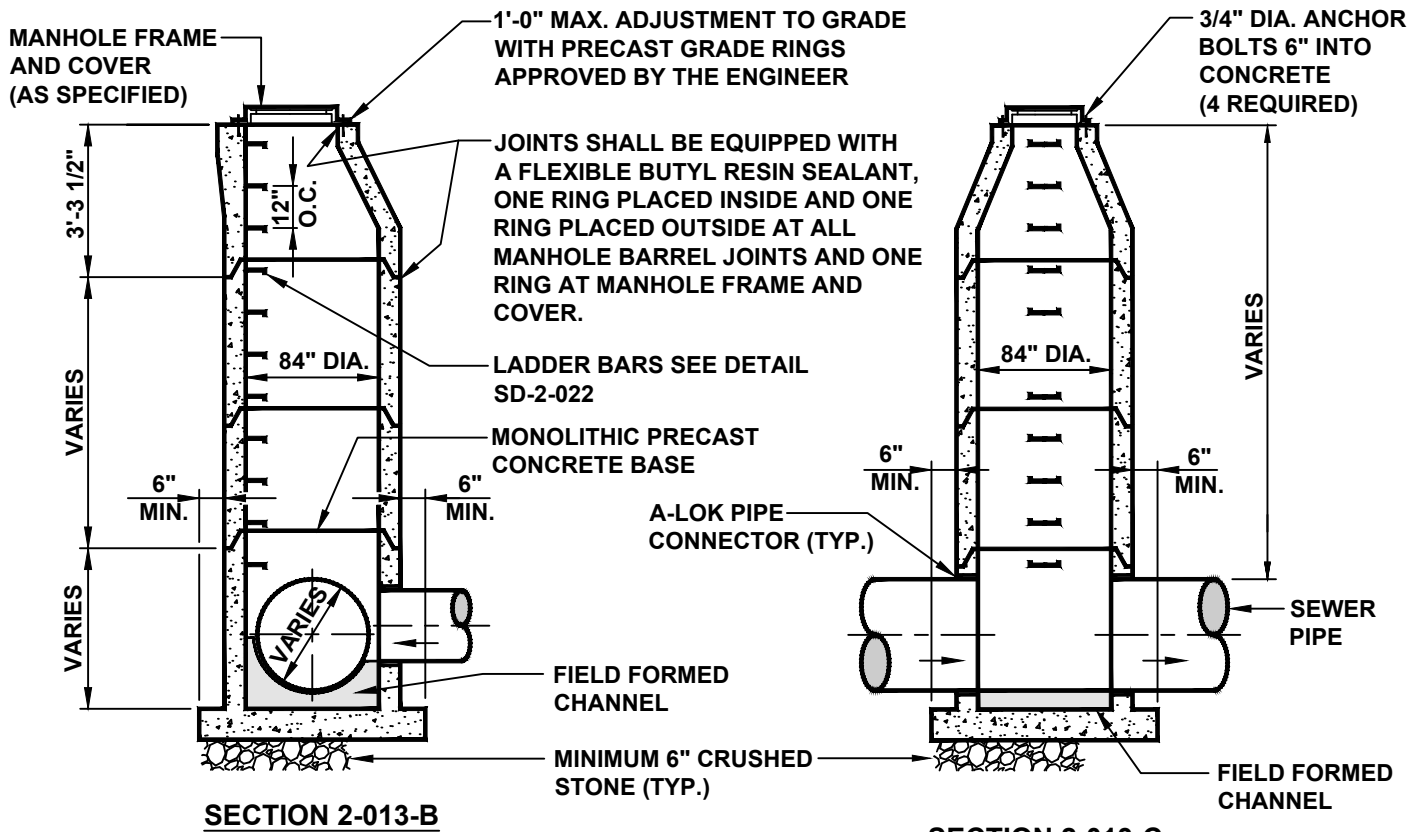


NOTE:
WRAPIDSEAL SHALL BE USED TO SEAL MANHOLE JOINTS, INCLUDING SECURING THE FRAME TO THE MANHOLE.

NOTES:

1. PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM C478, LATEST REVISION.
2. WATERPROOF EXTERIOR SURFACE WITH TWO COATS BITUMASTIC MATERIAL OR COAL TAR SOLUTION, 8 MILS PER COAT.
3. DROP CONNECTIONS ARE NOT PERMITTED.
4. LIFTING HOLES SHALL BE POINTED WITH MORTAR, MADE WATERTIGHT & LEFT NEAT & SMOOTH

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		PRECAST CONCRETE MANHOLE (72 INCH DIAMETER) (PIPE DIAMETER- 36" TO 48")		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-12	12

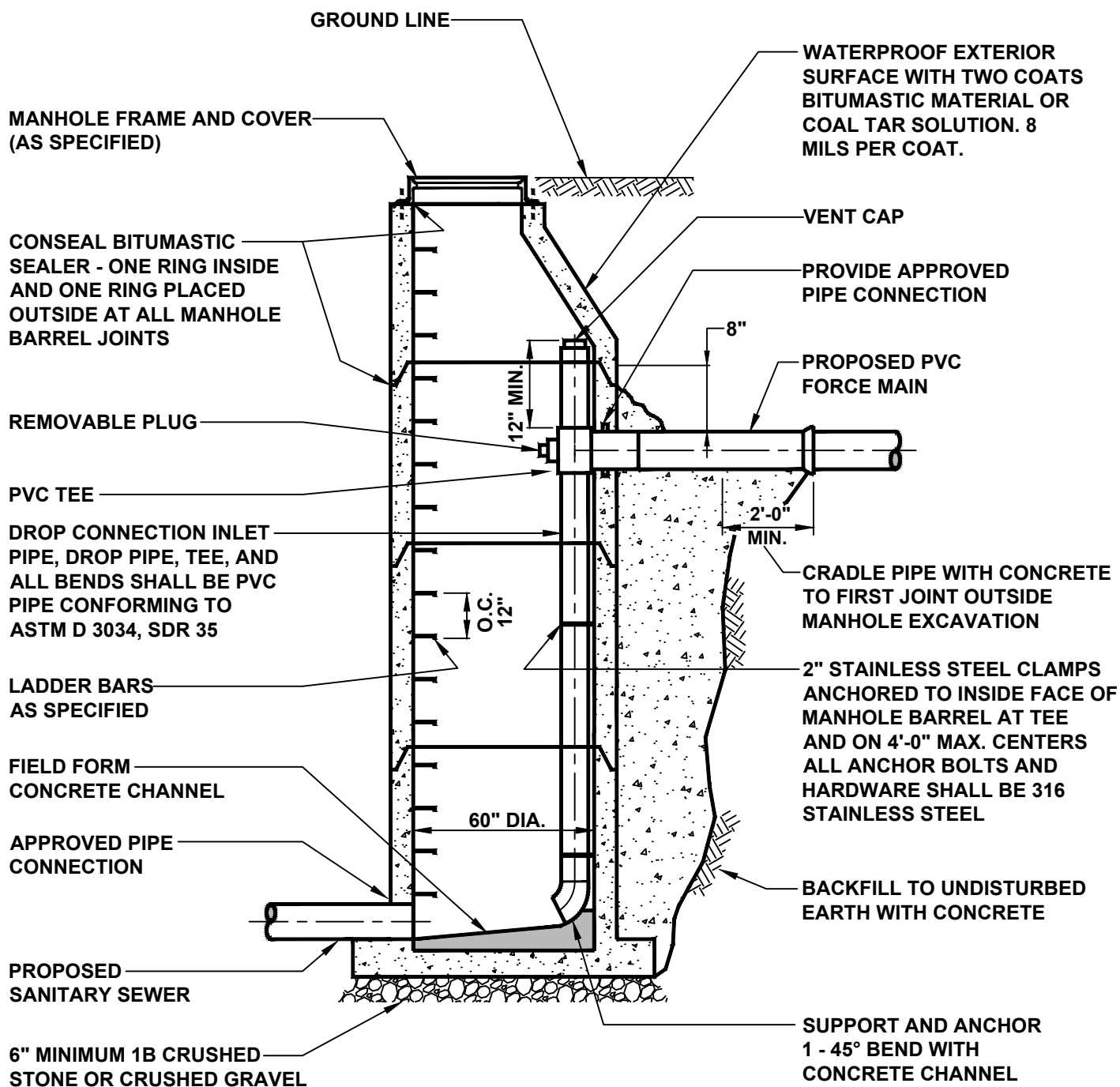


NOTE:
WRAPIDSEAL SHALL BE USED TO SEAL MANHOLE JOINTS, INCLUDING SECURING THE FRAME TO THE MANHOLE.

NOTES:

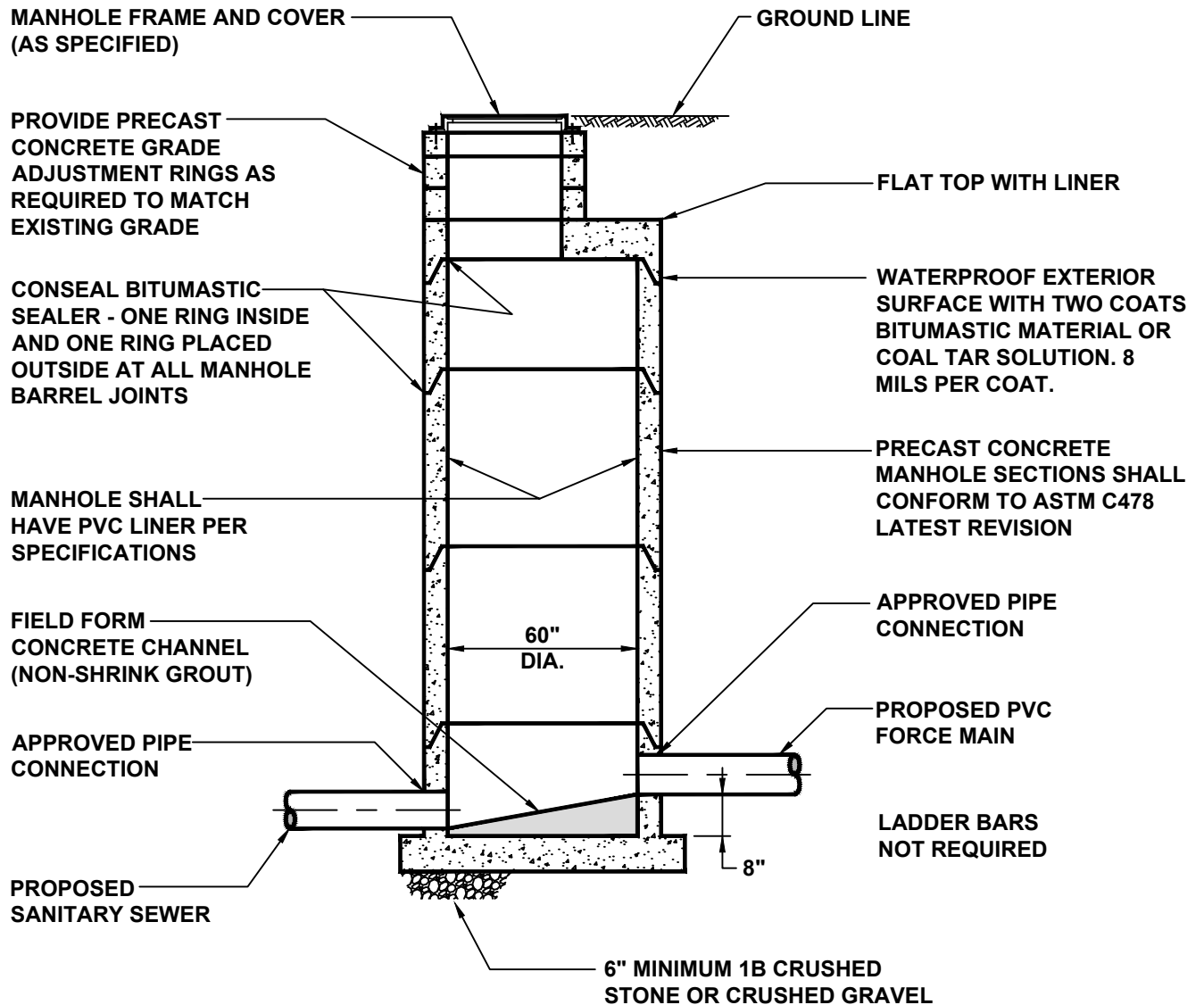
1. PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM C478, LATEST REVISION.
2. WATERPROOF EXTERIOR SURFACE WITH TWO COATS BITUMASTIC MATERIAL OR COAL TAR SOLUTION, 8 MILS PER COAT.
3. DROP CONNECTIONS ARE NOT PERMITTED.
4. LIFTING HOLES SHALL BE POINTED WITH MORTAR, MADE WATERTIGHT & LEFT NEAT & SMOOTH

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		PRECAST CONCRETE MANHOLE (84 INCH DIAMETER)		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-13	13

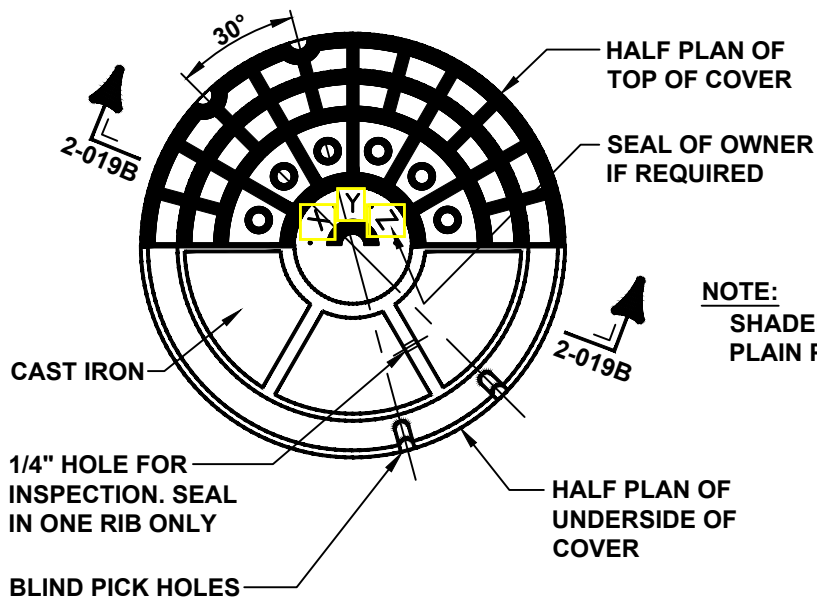


NOTE:
 DROP CONNECTION INLET PIPE,
 DROP PIPE, TEE AND ALL BENDS
 SHALL BE PVC PIPE CONFORMING
 TO ASTM D 3034, SDR 35.

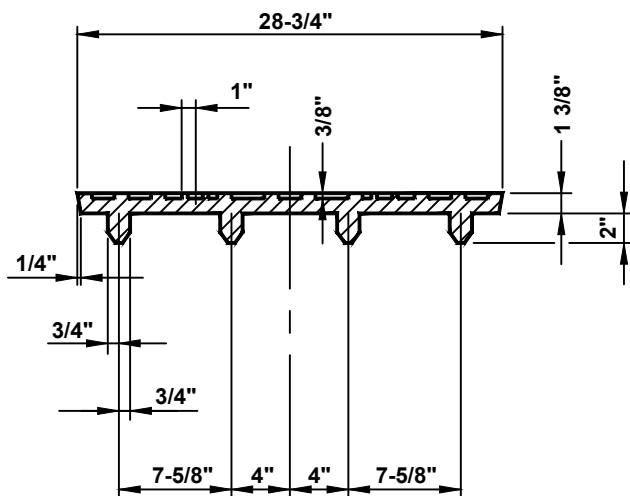
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		CONNECTION OF FORCE MAIN TO GRAVITY MANHOLE		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-17	14



WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		CONNECTIONS OF FORCE MAIN TO GRAVITY MANHOLE WITH PVC LINER		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-18	15



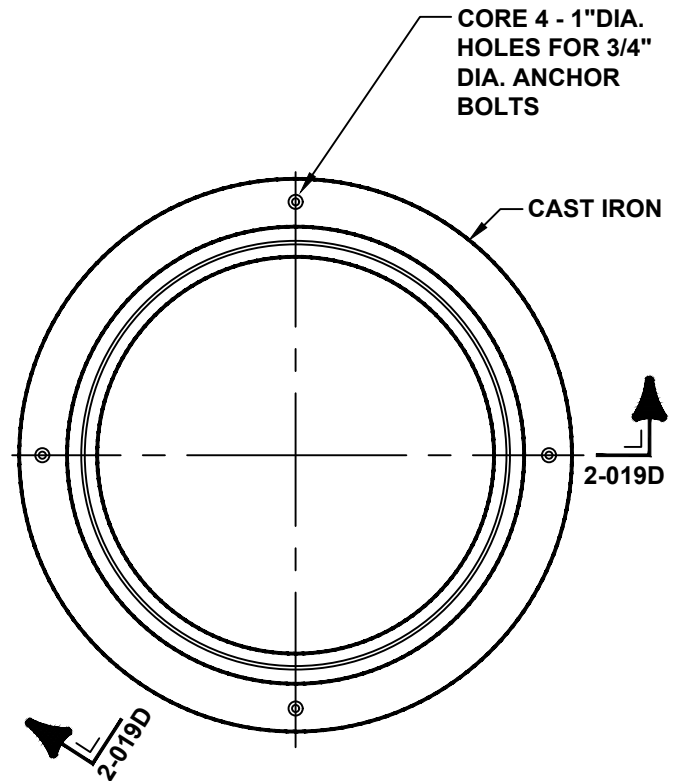
COVER PLAN 2-019A



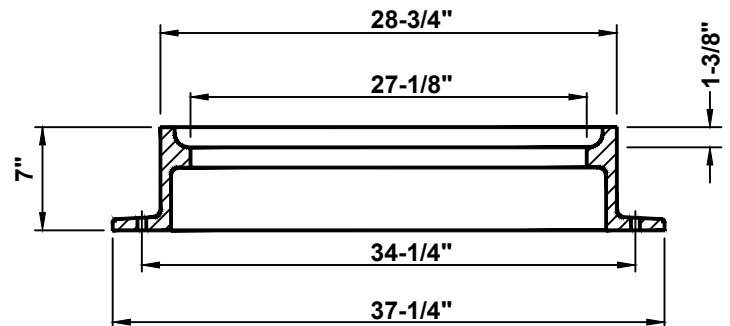
SECTION 2-019B

NOTE:
NAMES, LETTERS OR IDENTIFICATION MARK OF USER TO BE CAST IN CIRCLE IN CENTER OF COVER AS ORDERED. LETTERS X, Y, AND Z USED AS ILLUSTRATION ONLY.

NOTE:
SHADED PORTION - HIGH
PLAIN PORTION - LOW



FRAME PLAN 2-019C



BOTTOM FLANGE - SECTION 2-019D

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		STANDARD CAST IRON MANHOLE FRAME AND COVER			
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-19	16	

FOUR 1" DIA.
HOLES FOR 3/4"
DIA. ANCHOR BOLTS

NOTE:
SHADED PORTION - HIGH
UNSHADED PORTION - LOW

HALF PLAN OF
TOP OF COVER

2-020B

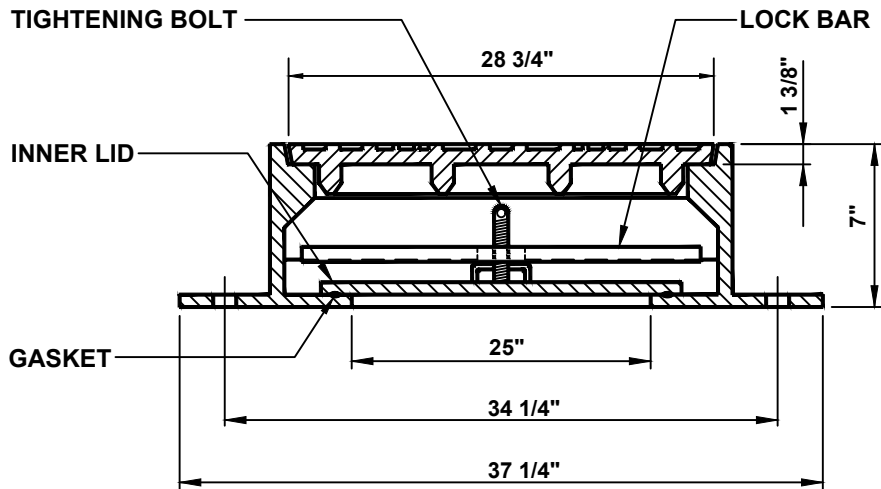
CAST IRON

HALF PLAN OF
UNDERSIDE OF
COVER

PLAN 2-020A

NAMES, LETTERS OR
IDENTIFICATION MARK OF USER
TO BE CAST IN CIRCLE IN CENTER
OF COVER AS ORDERED. LETTERS
X, Y, AND Z USED AS ILLUSTRATION
ONLY.

BLIND PICK HOLES



SECTION 2-020B

WASHINGTON-EAST WASHINGTON
JOINT AUTHORITY

WATERTIGHT MANHOLE (WT)
FRAME AND COVER

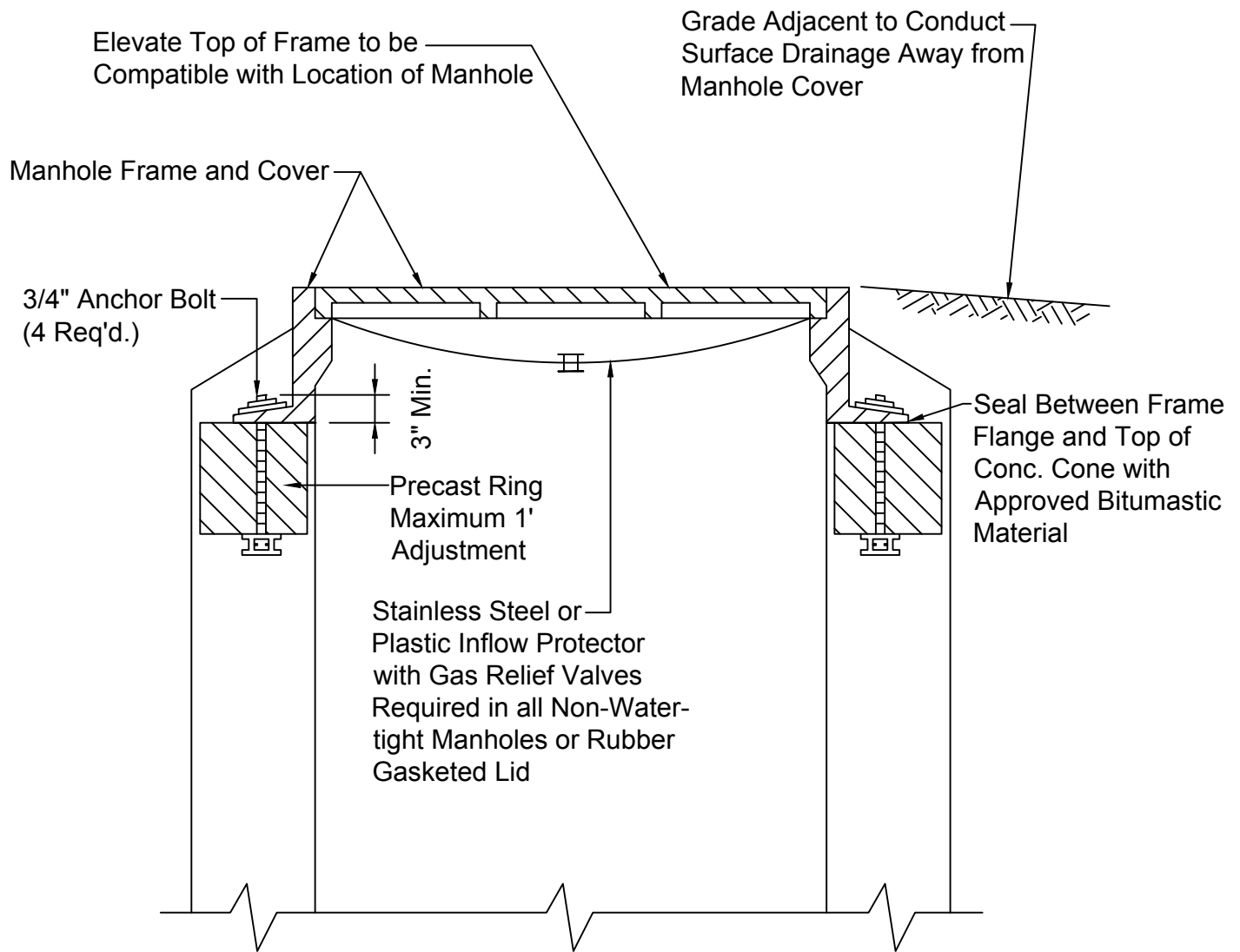
KLH ENGINEERS, INC.

Not to scale

December 2016

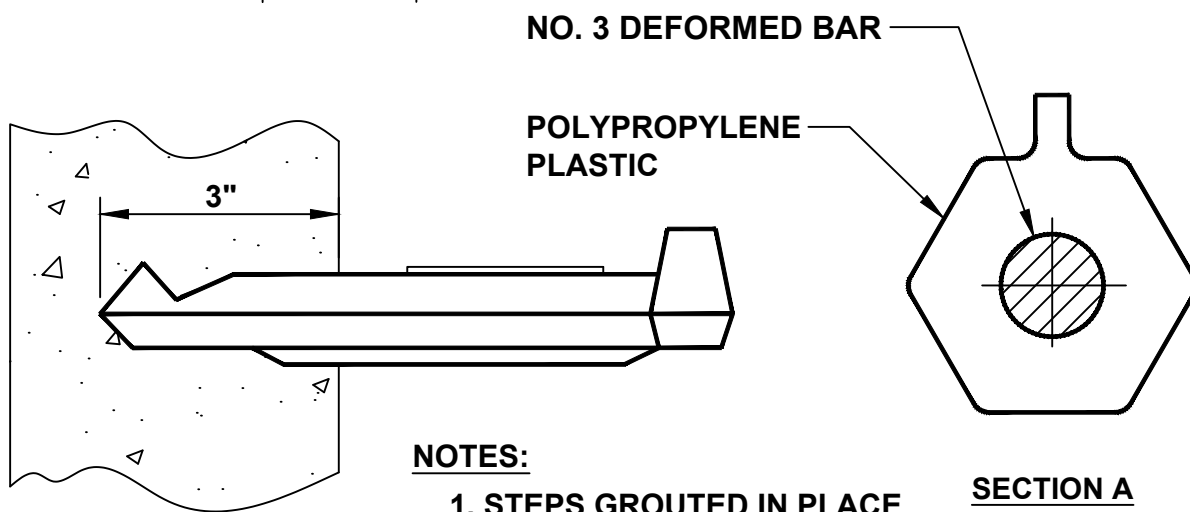
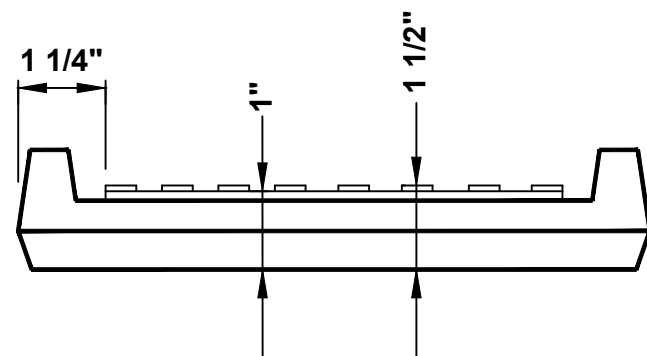
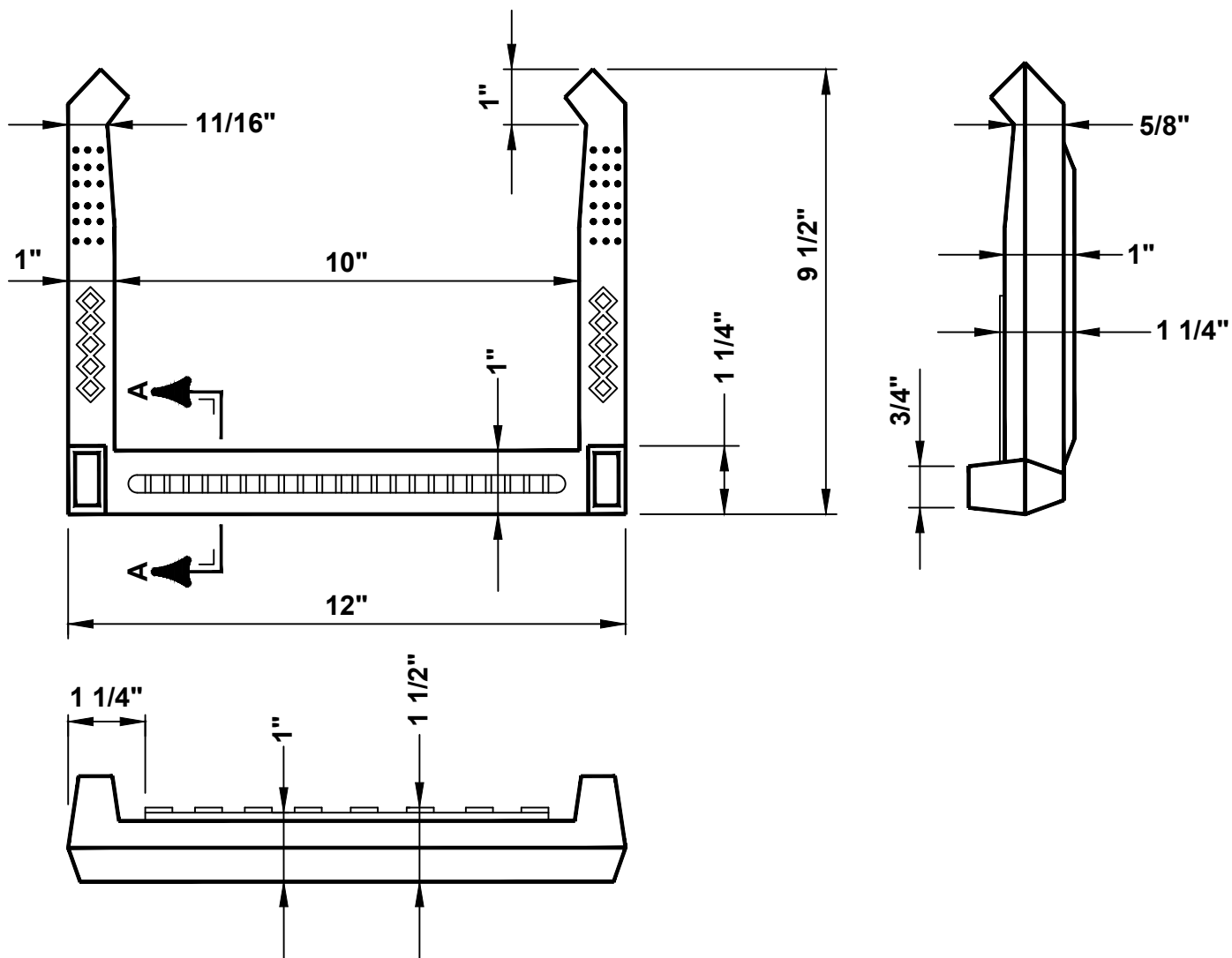
Standard Detail SD-20

17



Note: Stainless Steel Inflow Protector to be Installed at all Manholes Located in Road Paving and Berms. Plastic Inflow Protectors to be Installed at all other Manholes

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		MAHOLE INFLOW PROTECTOR		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-18	18

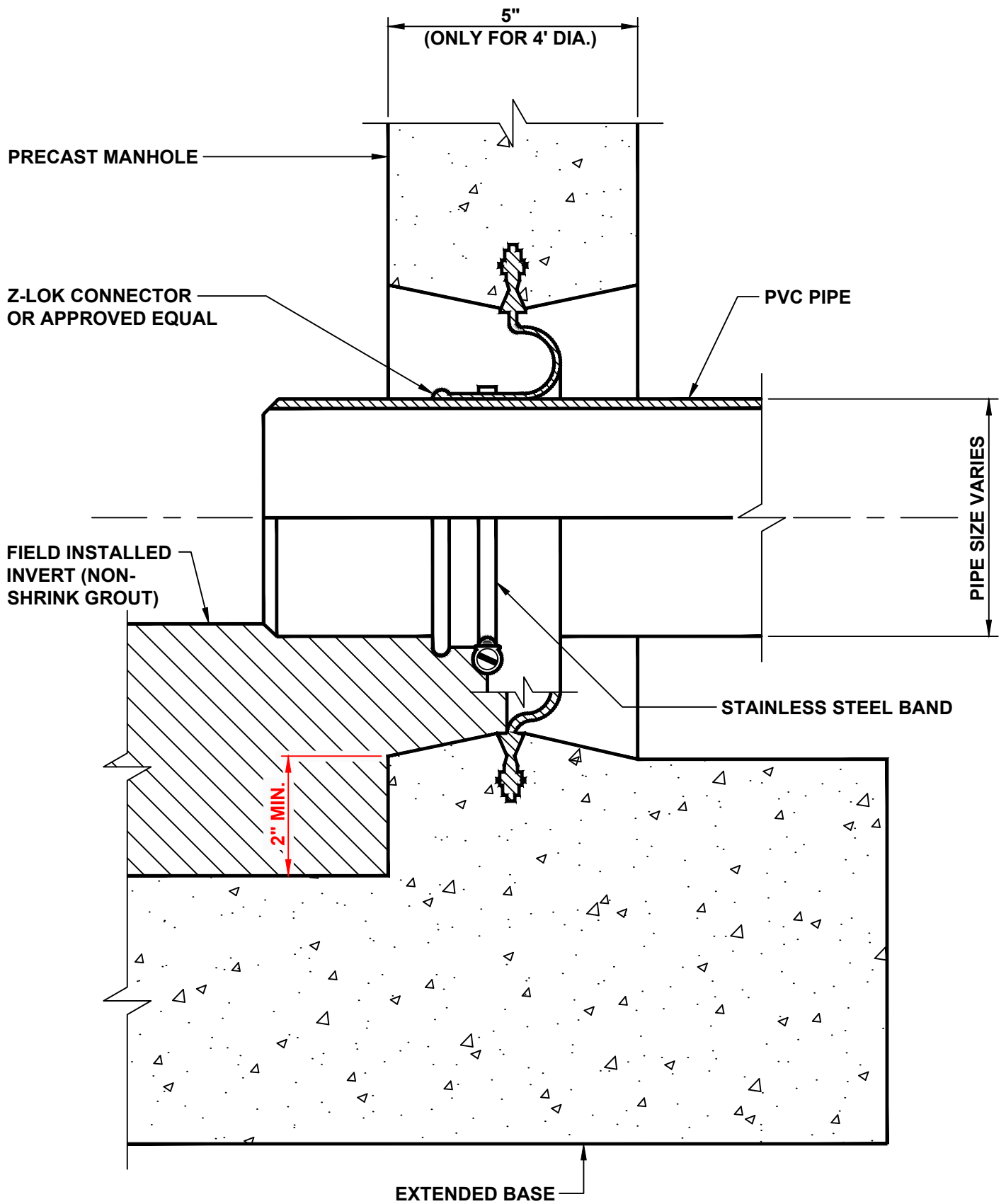


NOTES:

1. STEPS GROUTED IN PLACE
2. INSTALL STEPS ON 12" C:C

SECTION A

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		POLYPROPYLENE PLASTIC MANHOLE STEP		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-22	19



WASHINGTON-EAST WASHINGTON
JOINT AUTHORITY

MANHOLE CONNECTION
FOR PVC PIPE (PRECAST BASE)

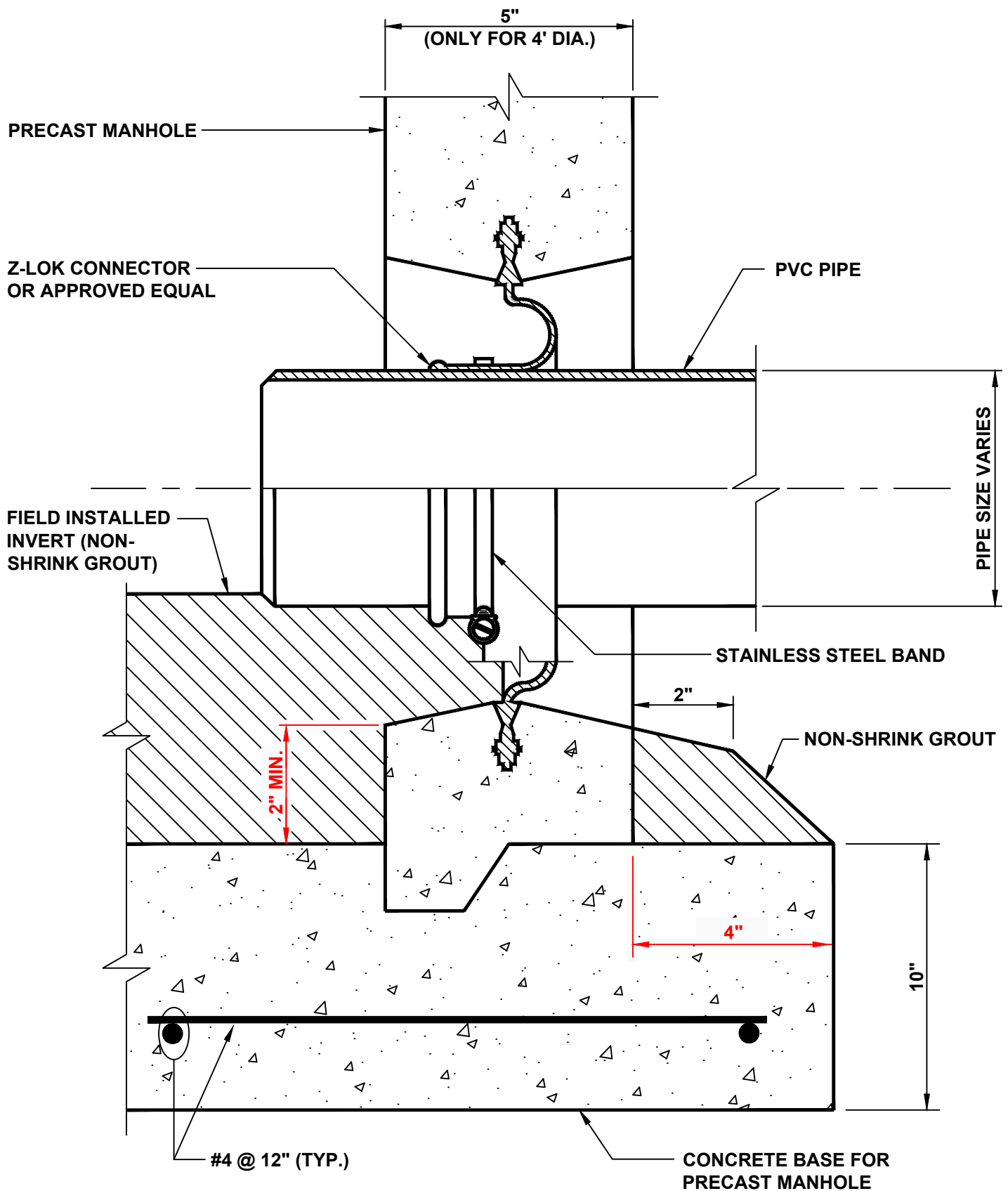
KLH ENGINEERS, INC.

Not to scale

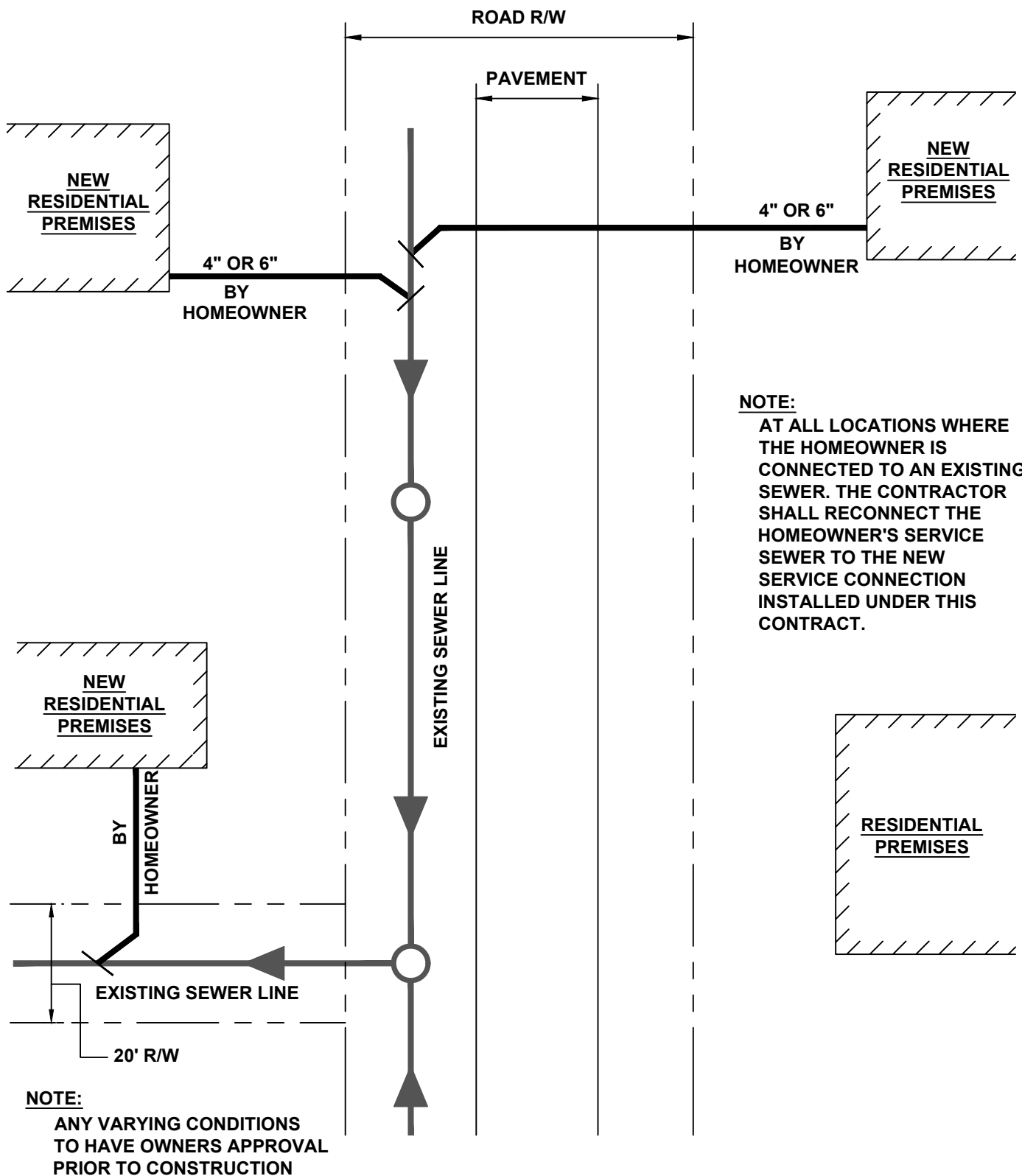
December 2016

Standard Detail SD-24

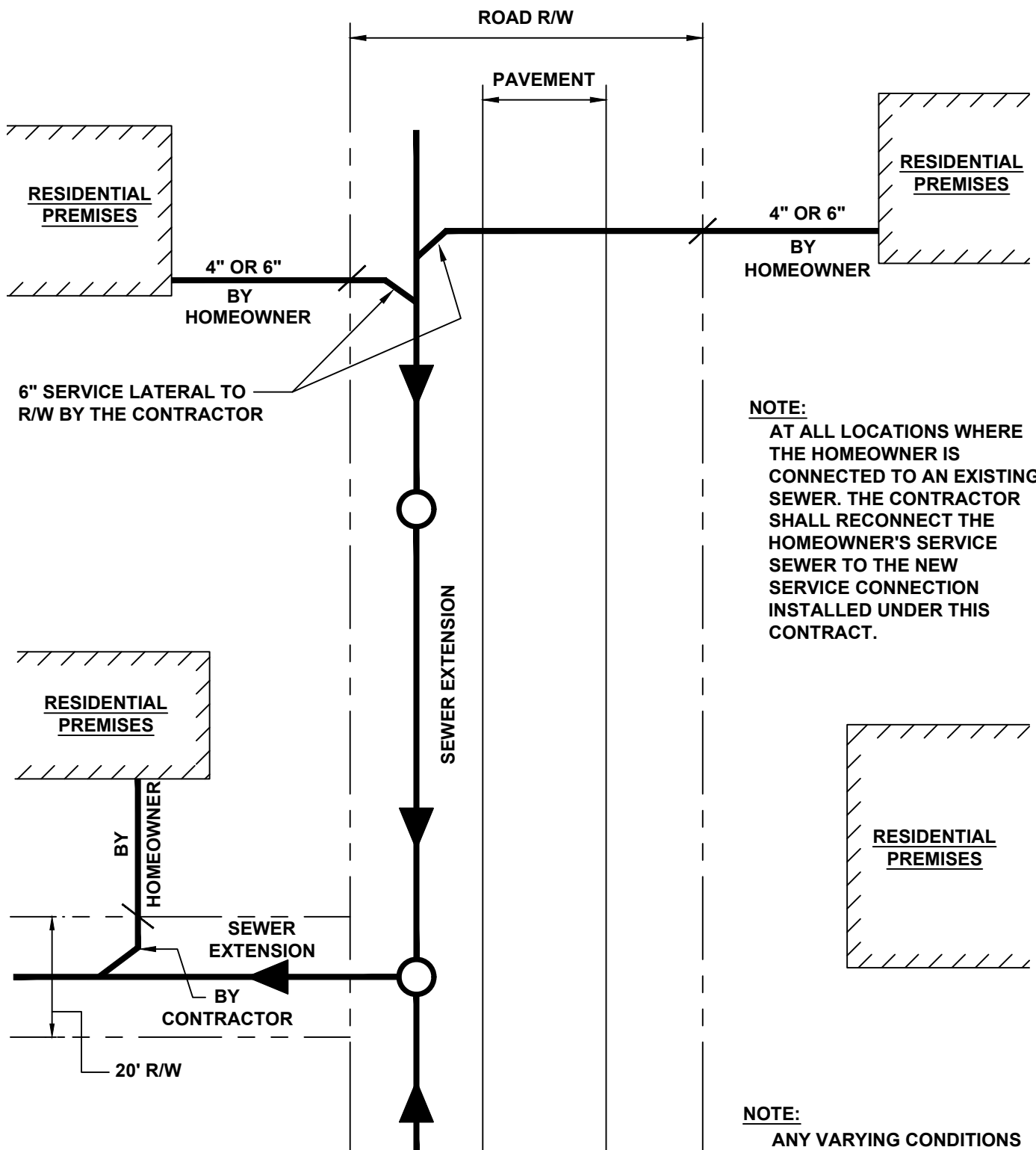
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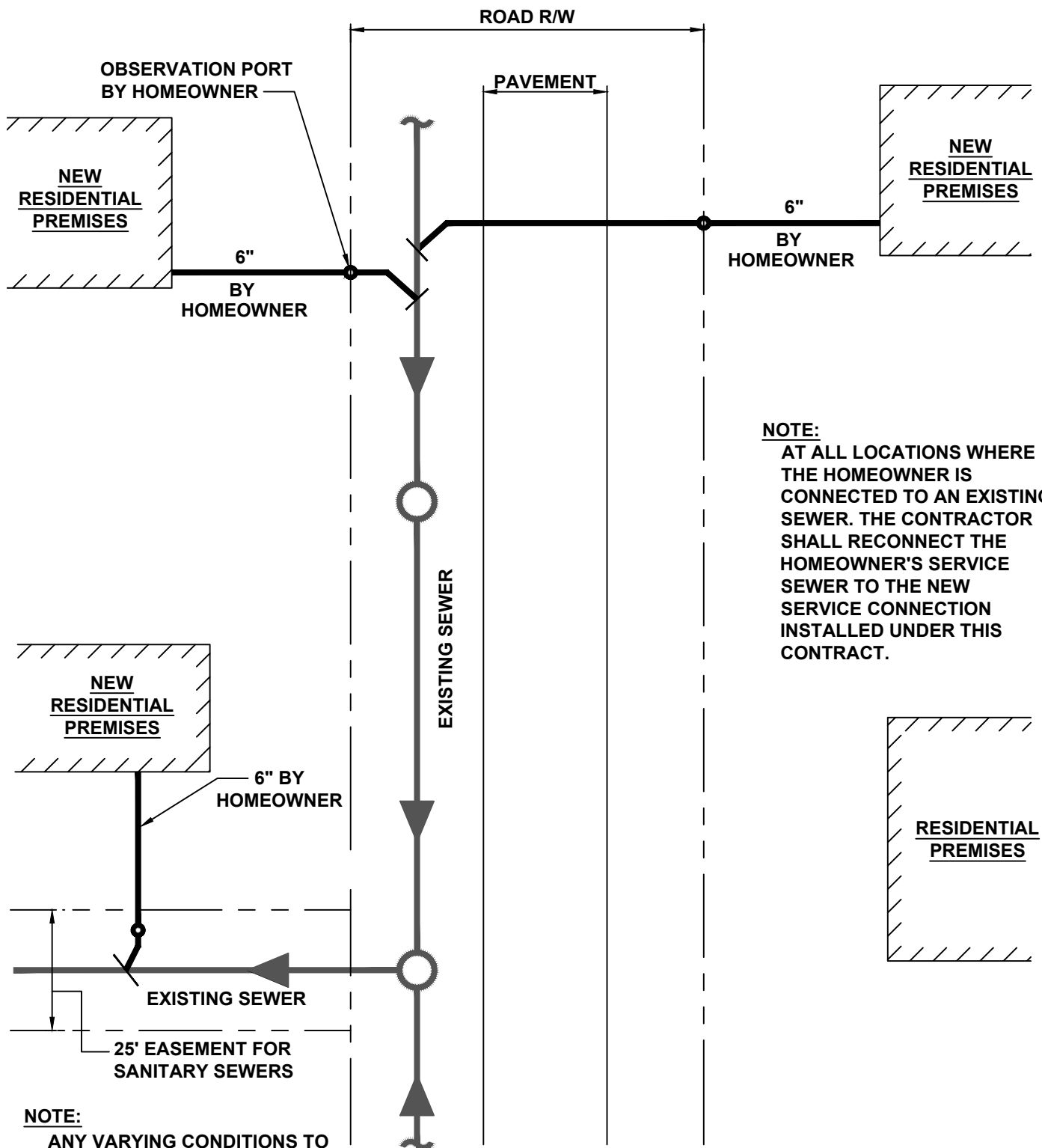
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		MANHOLE CONNECTION FOR PVC PIPE (CAST-IN-PLACE BASE)		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-25	21



WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		SEWER SERVICE LINE CONNECTIONS TO EXISTING SEWER LINE		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-26	22



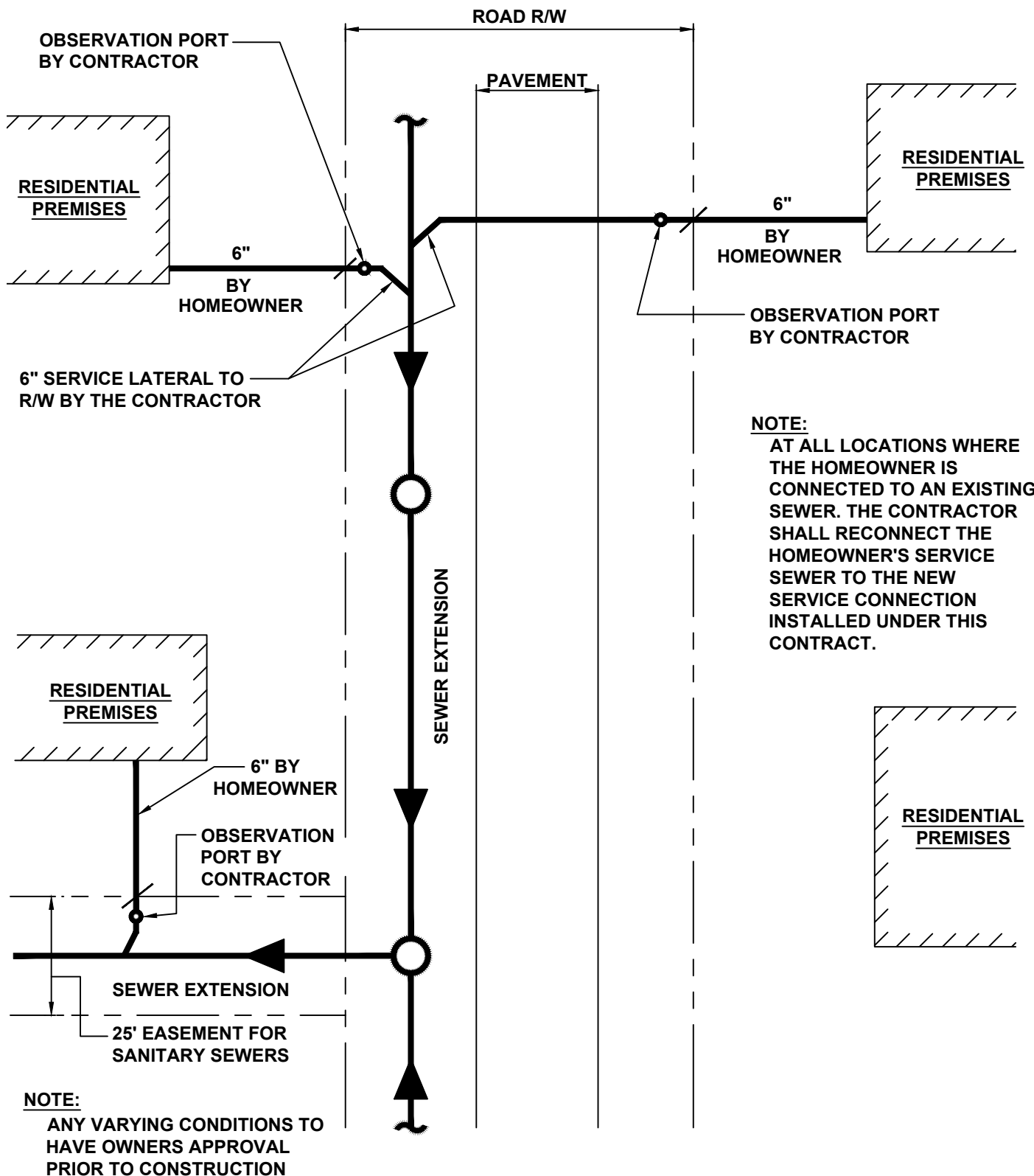
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY			SEWER SERVICE LINE CONNECTIONS TO SEWER EXTENSION		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-26A	22A	



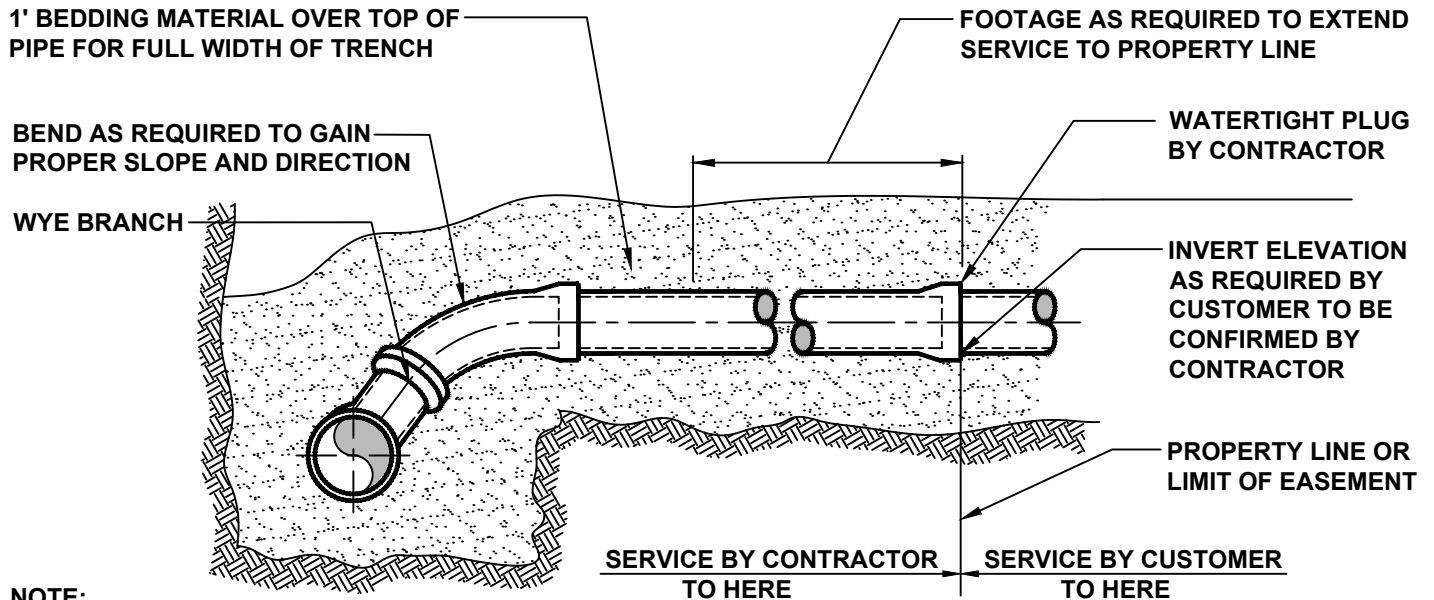
NOTE:
 AT ALL LOCATIONS WHERE
 THE HOMEOWNER IS
 CONNECTED TO AN EXISTING
 SEWER. THE CONTRACTOR
 SHALL RECONNECT THE
 HOMEOWNER'S SERVICE
 SEWER TO THE NEW
 SERVICE CONNECTION
 INSTALLED UNDER THIS
 CONTRACT.

NOTE:
 ANY VARYING CONDITIONS TO
 HAVE OWNERS APPROVAL
 PRIOR TO CONSTRUCTION

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		SEWER SERVICE LINE CONNECTIONS WITH OBSERVATION PORT TO EXISTING SEWER LINE		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-27	23

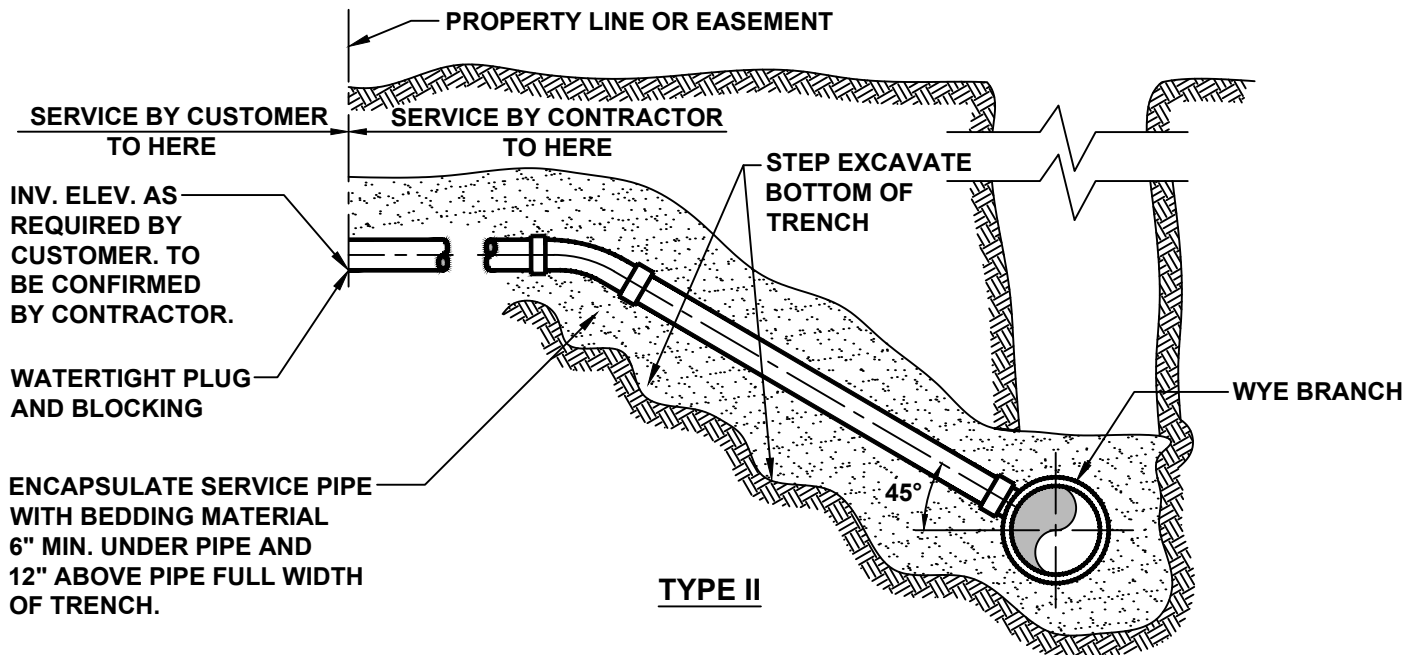


WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		SEWER SERVICE LINE CONNECTIONS WITH OBSERVATION PORT TO SEWER EXTENSION		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-27A	23A



NOTE:
WHERE MAIN SEWER IS IN PRIVATE PROPERTY, FOOTAGE OF LATERAL PIPE WILL EXTEND TO THE EDGE OF SEWER RIGHT-OF-WAY.

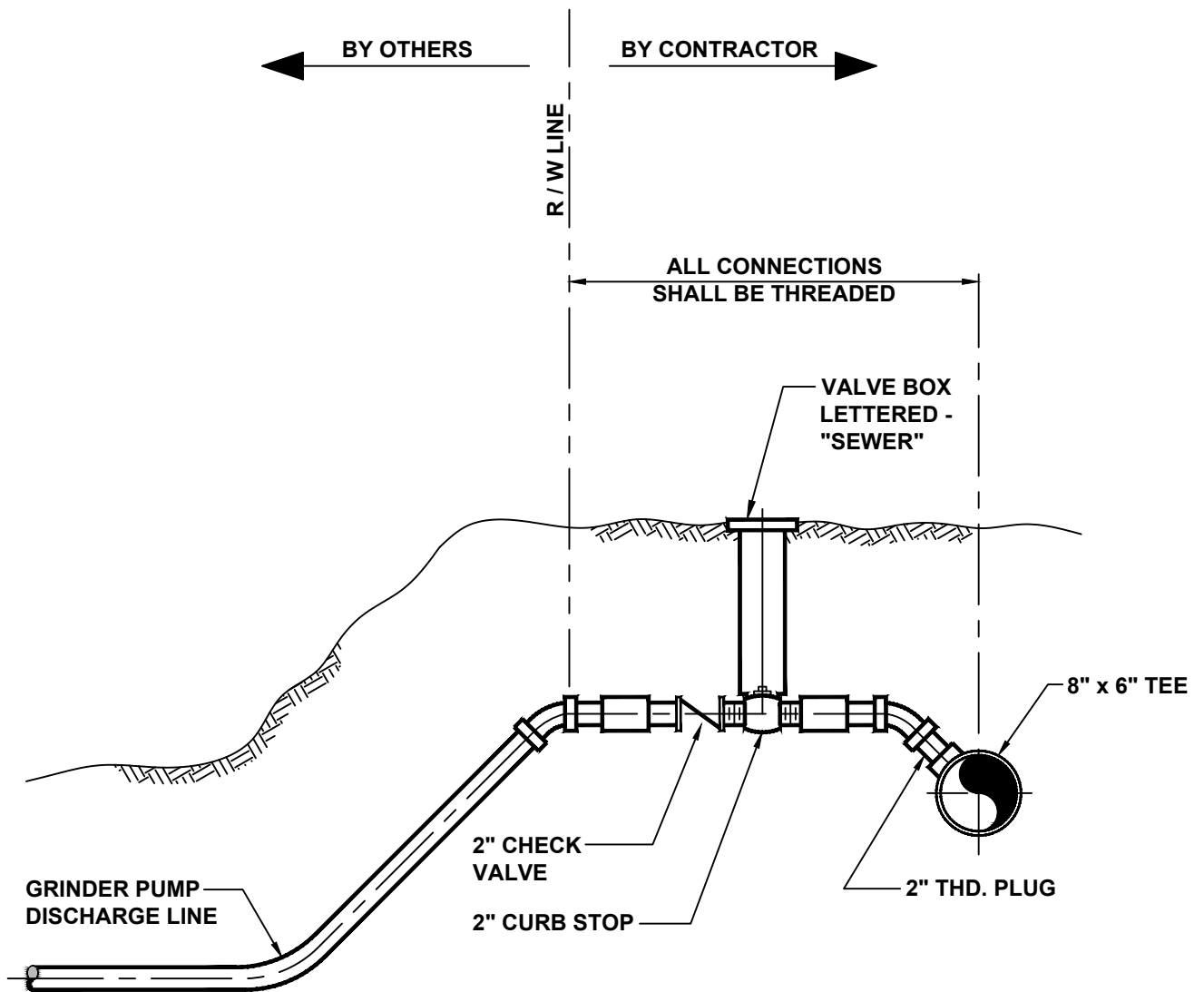
TYPE I



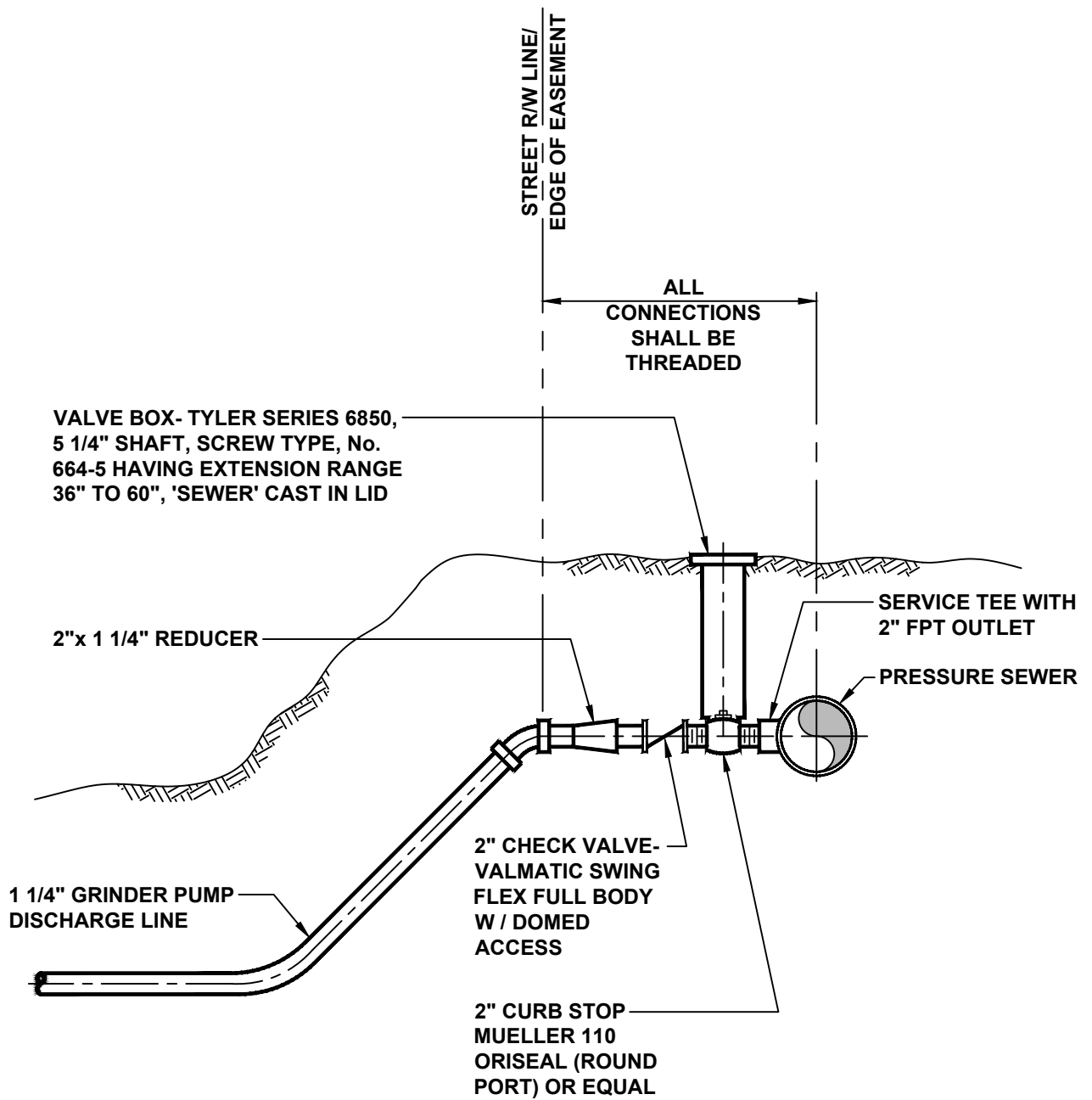
TYPE II

NOTE:
ALL SERVICE SEWERS SHALL BE 6" DIAMETER AND SHALL BE PVC PIPE. CHANGES IN ALIGNMENT AND CONNECTIONS TO MAIN SEWER SHALL BE ACCOMPLISHED WITH PREFABRICATED FITTINGS.

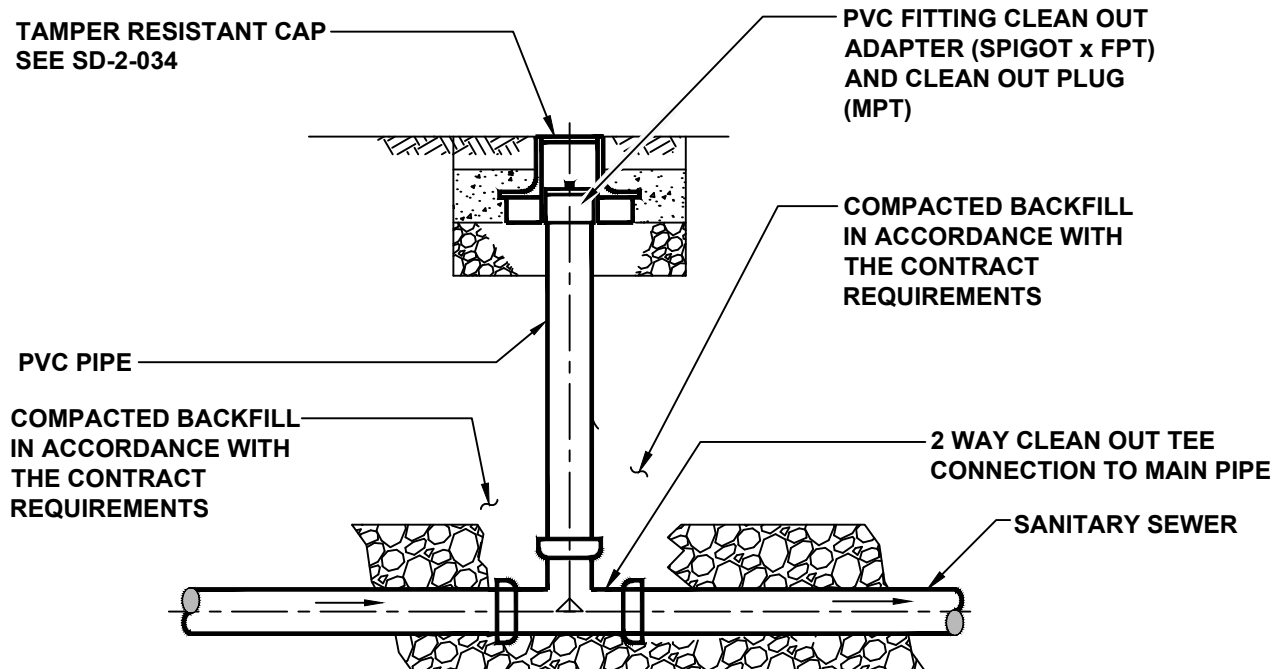
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		TYPICAL SEWER SERVICE LATERAL CONNECTIONS		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-28	24



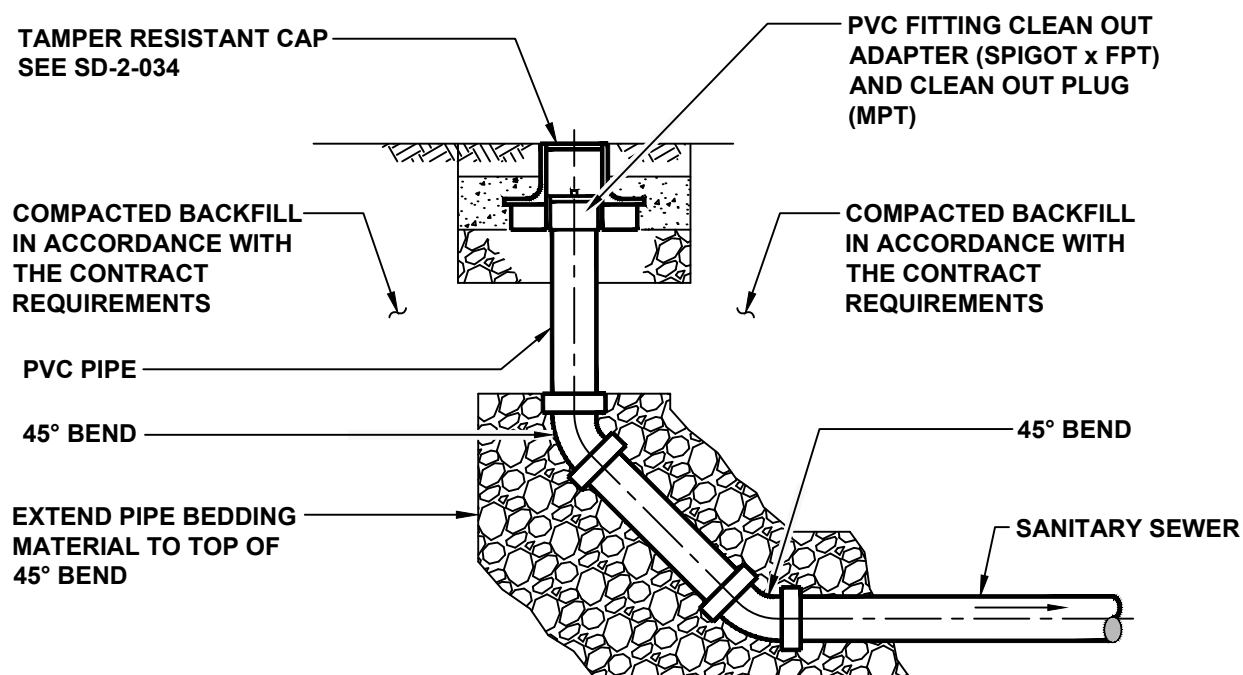
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		SMALL DIAMETER FORCE MAIN CONNECTION TO GRAVITY SEWER		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-30	25



WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		FORCE MAIN CONNECTION CONNECTION TO PRESSURE SEWER		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-31	26



IN-LINE CLEANOUT DETAIL 2-032-A



END-LINE CLEANOUT DETAIL 2-032-B

Revised 7-22-14

WASHINGTON-EAST WASHINGTON
JOINT AUTHORITY

IN-LINE AND END-LINE
CLEANOUT FOR PVC SEWER

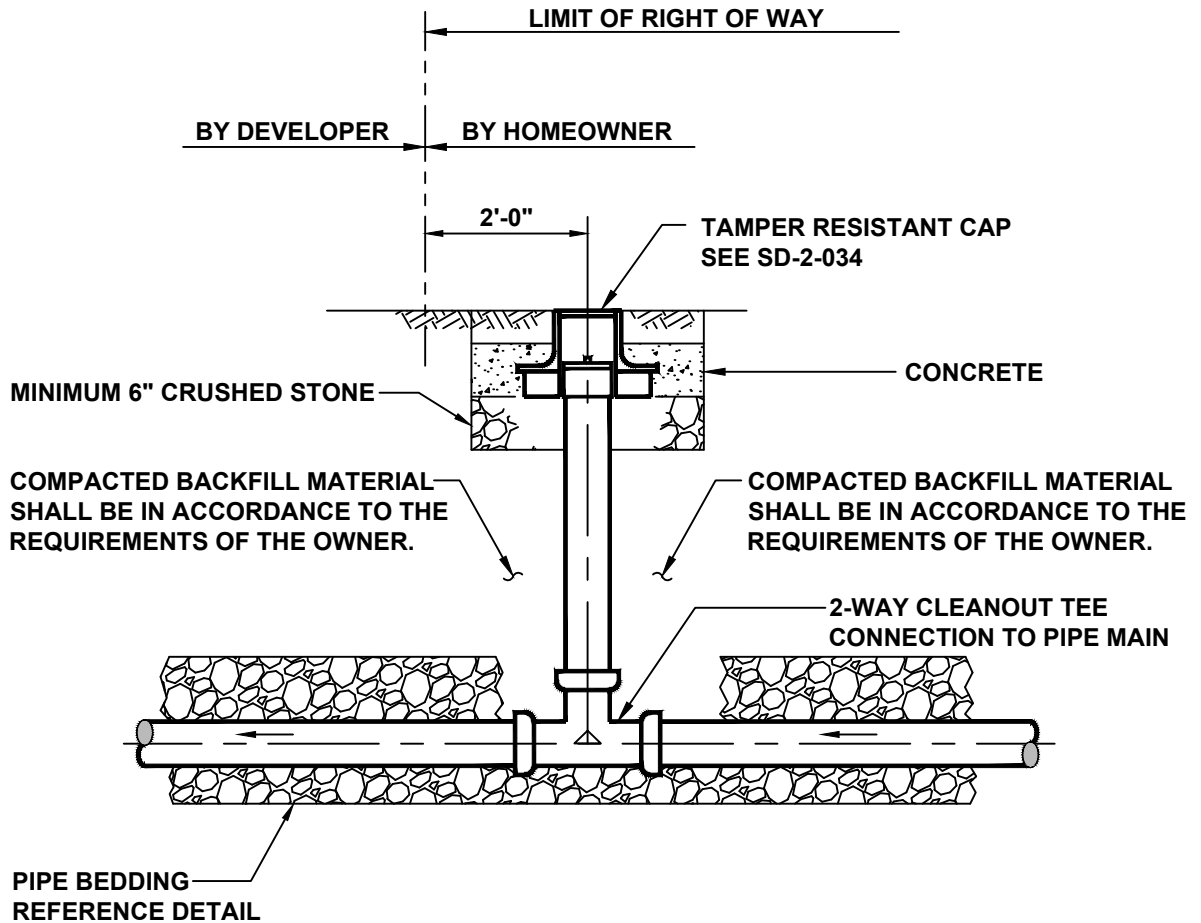
KLH ENGINEERS, INC.

Not to scale

December 2016

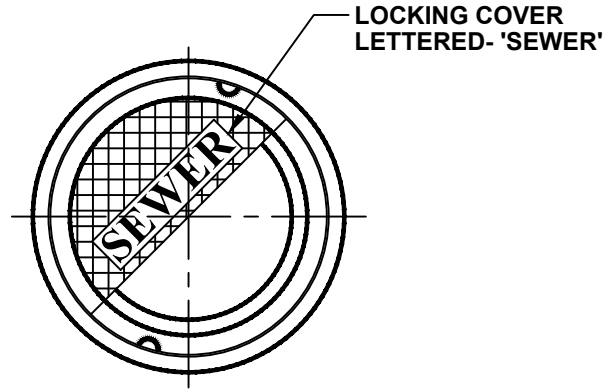
Standard Detail SD-32

27

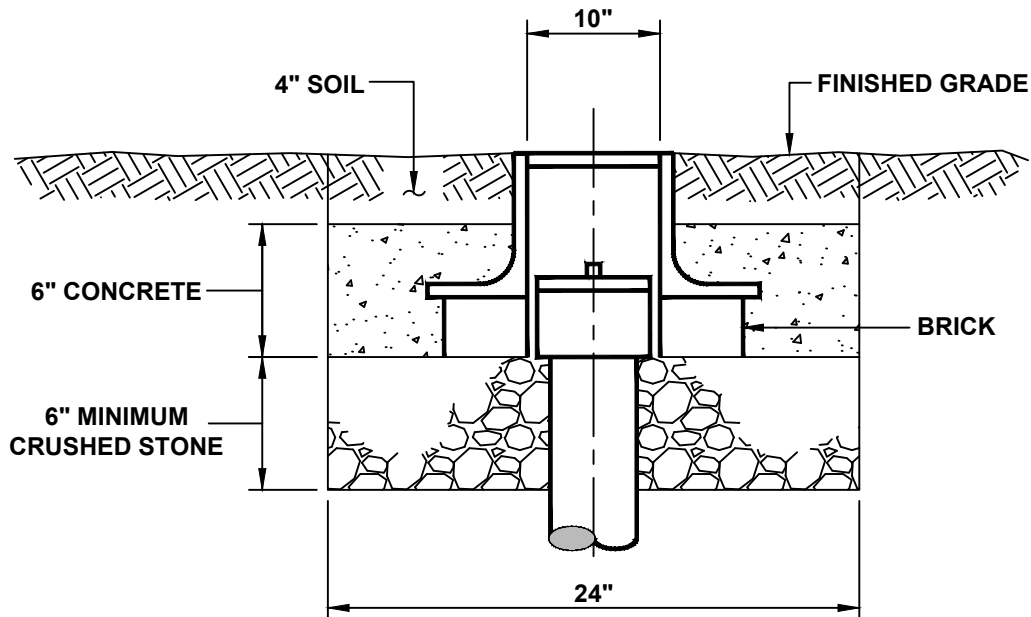


OBSERVATION PORT DETAIL 2-033-A

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		SEWER SERVICE LINE OBSERVATION PORT		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-33	28



CAP COVER



CAP SECTION

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		SEWER CLEAN OUT AND OBSERVATION PORT TAMPER RESISTANT CAP		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-34	29

LIMITS OF AUTHORITY
MAINTENANCE
RESPONSIBILITY

POINT OF
CONNECTION BY
PROPERTY OWNER

NOTE:

VENT PIPES AND CLEANOUTS
LOCATED IN DRIVEWAYS,
CARPETHS, WALKWAYS,
PATIOS, PORCHES, OR OTHER
FINISHED SURFACE AREAS
SHOULD BE AVOIDED WHEN
POSSIBLE.

SIGHT TEE WITH
PVC SANITARY CAP,
CAST IRON COVER
AND LID STAMPED
"SEWER"

4" OR 6" BUILDING
SEWER OR SEWER
SERVICE LINE 14'
MAX. JOINT LENGTH

TO COLLECTOR
SEWER

4"x 4"x 4" OR 6"x 6"x 6"
TEST TEE WITH PLUG OR
OBSERVATION PORT AS
SPECIFIED. TO BE PROVIDED
BY AUTHORITY OR PROPERTY
OWNER AS PER AUTHORITY
REQUIREMENTS.

HAND-HOLE TRAP 4"x 4"

THREADED CAP
OR PLUG

4" PVC
45° BEND

USE 'FERNCO' TYPE
FITTING OR REDUCING
COUPLING TO ADAPT
VARIOUS MATERIALS
AND SIZES OF PIPE AS
REQUIRED

PITTSBURGH TYPE
FRESH AIR VENT
CASTING WITH 3/8"
MAXIMUM VENT
OPENINGS

BUILDING WALL

2' MIN. - 5' MAX.

ALTERNATE
PLACEMENT
OF CLEAN-OUT

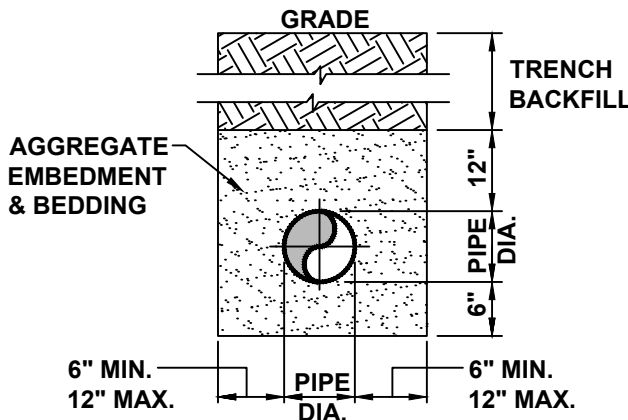
PIPE SHALL BE
36" MIN. DEPTH
UNDER BUILDING
WALL

NOTE:

ALL PIPE SHALL BE 4" OR 6" SCH. 40 PVC OR
ABS. SLOPE SHALL BE MIN. 1/4" PER FOOT FOR
4" LINE AND 1/8" PER FOOT SLOPE FOR 6" LINE.

CONDENSED INSTALLATION SPECIFICATIONS

SEWER SERVICE LINE AND SEWER SERVICE
CONNECTIONS SHALL BE INSTALLED BY SKILLED
WORKMEN AT THE COST OF THE CUSTOMER IN
ACCORDANCE WITH APPENDIX II OF THE RULES
AND REGULATIONS AND DETAILED
SPECIFICATIONS OF THE AUTHORITY.



SEWER SERVICE LINE PIPE:

MATERIAL	ASTM SPECIFICATIONS JOINT		ASTM SPEC.
PVC	D-3034	SDR-35 ELASTOMERIC	D-3212
PVC	D-1875	SCH-40 SOLVENT WELD	D-2564

WASHINGTON-EAST WASHINGTON
JOINT AUTHORITY

SERVICE CONNECTION TO SANITARY
SEWER FROM A NEW INSTALLATION

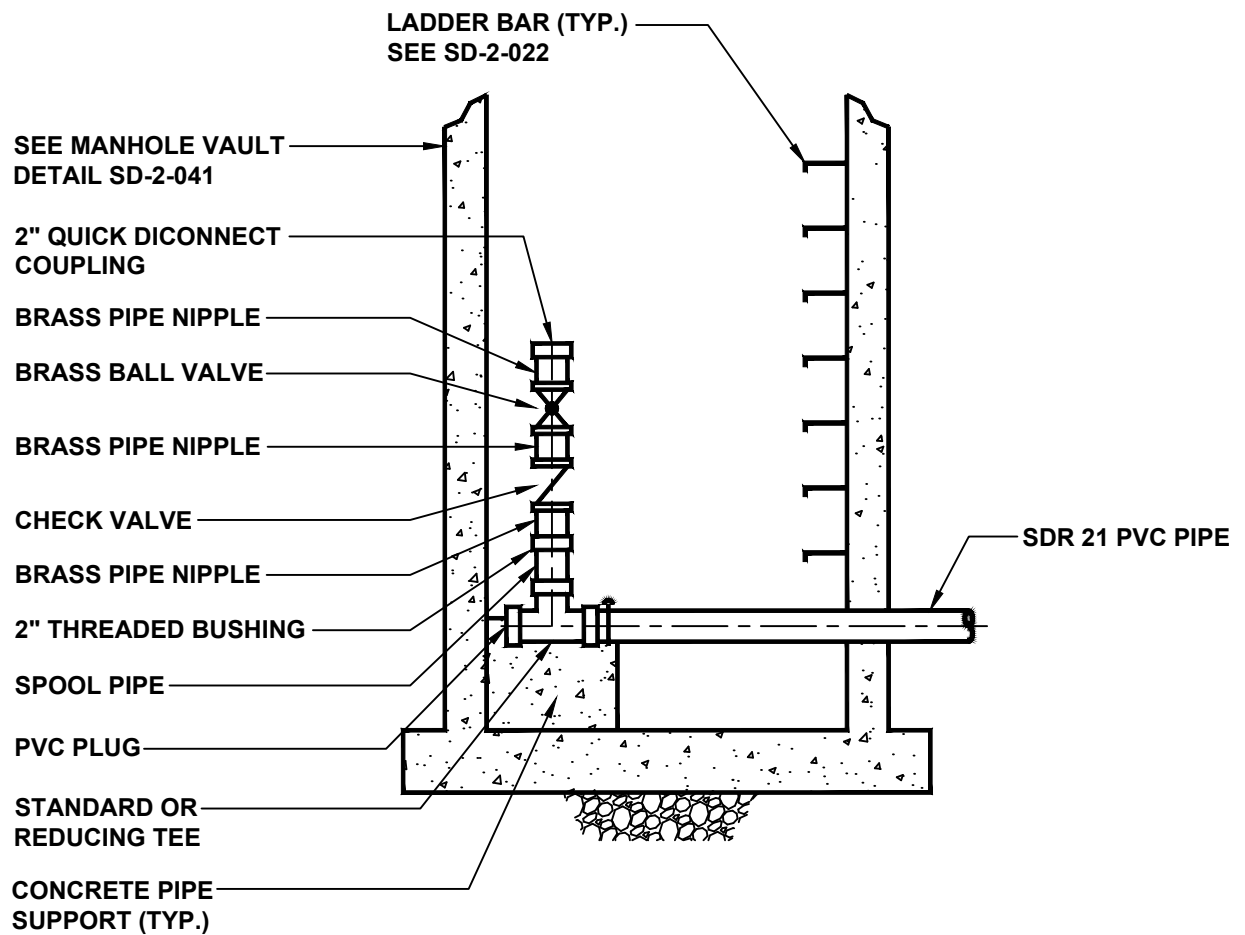
KLH ENGINEERS, INC.

Not to scale

December 2016

Standard Detail SD-35

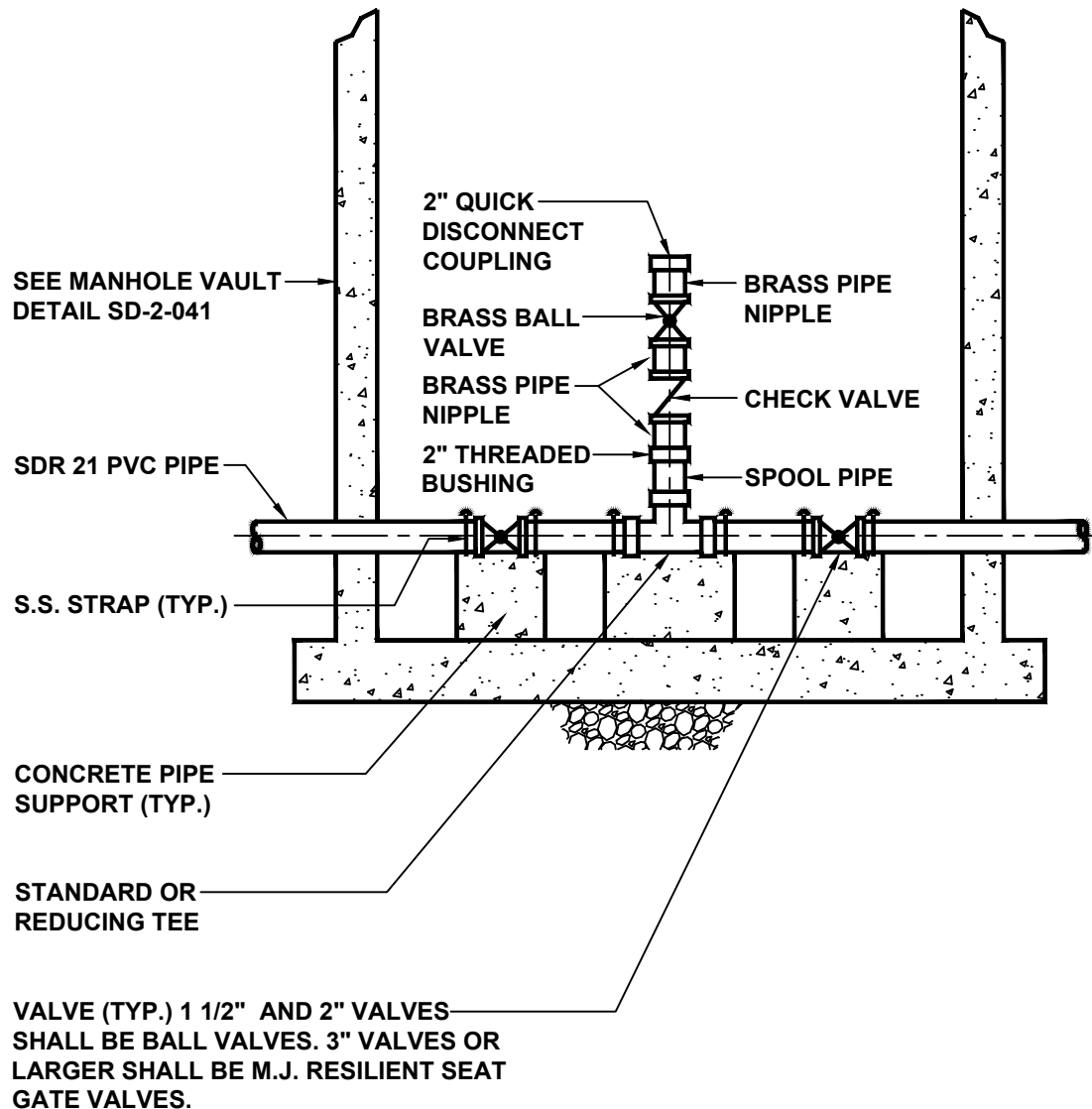
30



NOTES:

1. CONTRACTOR SHALL ANCHOR VALVES AND FITTINGS TO CONCRETE PIPE SUPPORTS AND/ OR SIDE OF MANHOLE WITH STAINLESS STEEL STRAPS AND HARDWARE.
2. VALVES TO BE APPROVED FOR SEWAGE APPLICATION.

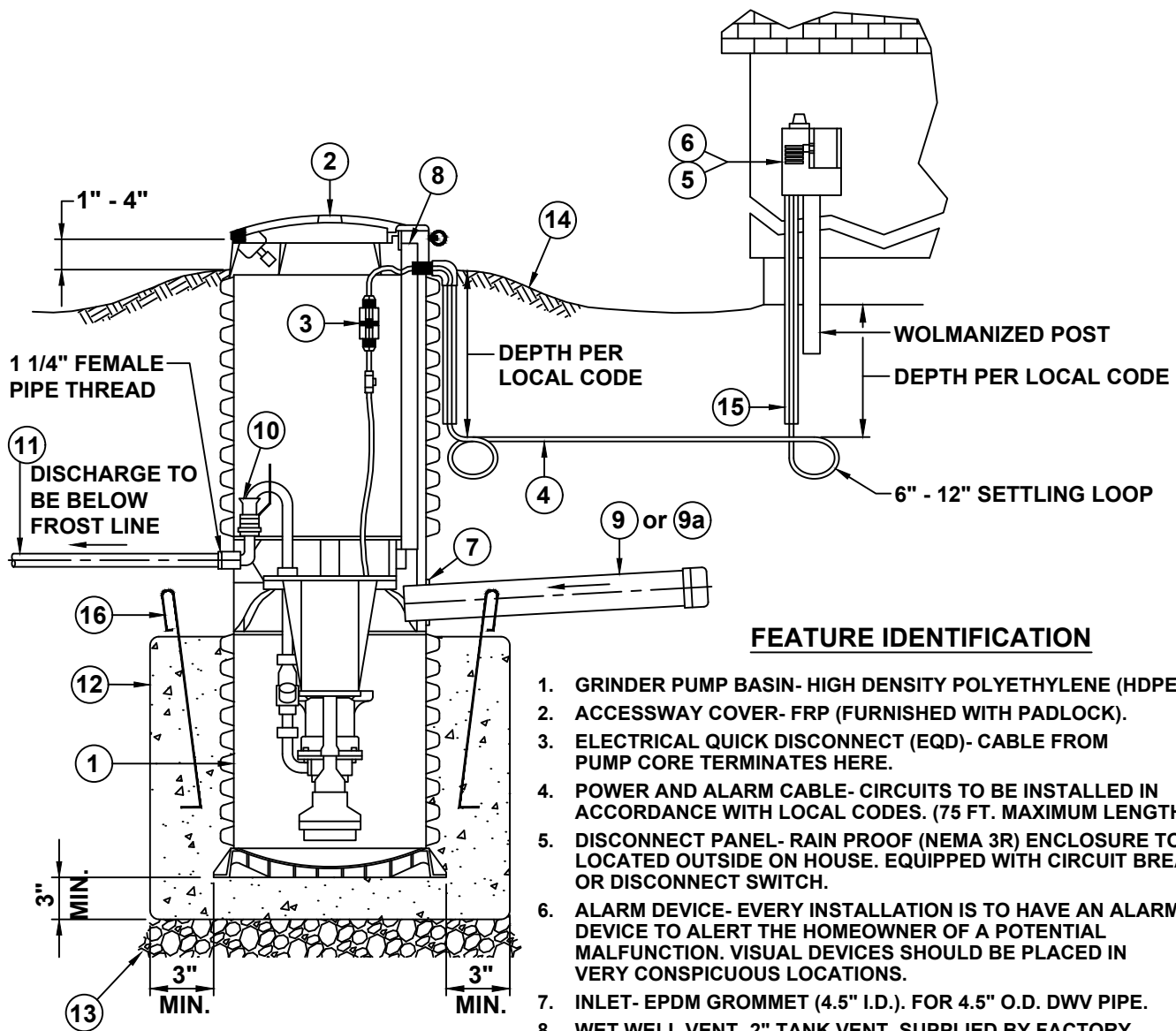
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		PRESSURE SEWER TERMINAL FLUSHING CONNECTION		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-36	31



NOTES:

1. CONTRACTOR SHALL ANCHOR VALVES AND FITTINGS TO CONCRETE PIPE SUPPORTS AND/ OR SIDE OF MANHOLE WITH STAINLESS STEEL STRAPS AND HARDWARE.
2. VALVES TO BE APPROVED FOR SEWAGE APPLICATION.

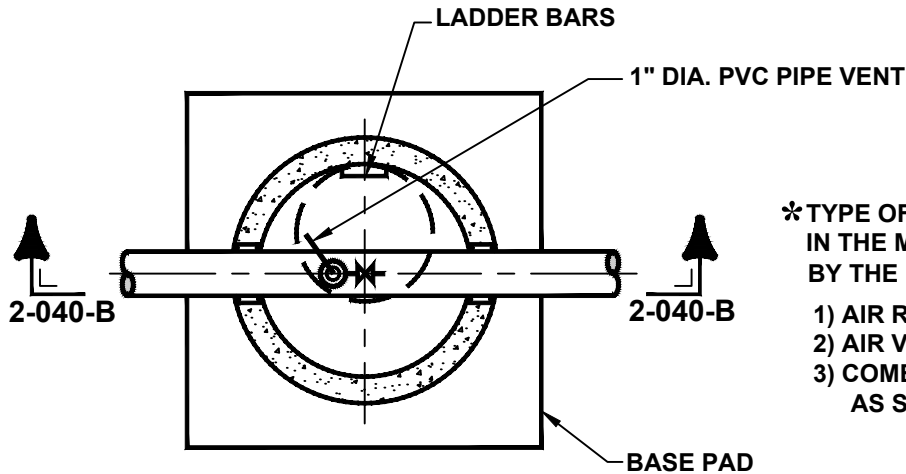
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		PRESSURE SEWER IN-LINE FLUSHING CONNECTION		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-37	32



FEATURE IDENTIFICATION

1. GRINDER PUMP BASIN- HIGH DENSITY POLYETHYLENE (HDPE).
2. ACCESSWAY COVER- FRP (FURNISHED WITH PADLOCK).
3. ELECTRICAL QUICK DISCONNECT (EQD)- CABLE FROM PUMP CORE TERMINATES HERE.
4. POWER AND ALARM CABLE- CIRCUITS TO BE INSTALLED IN ACCORDANCE WITH LOCAL CODES. (75 FT. MAXIMUM LENGTH)
5. DISCONNECT PANEL- RAIN PROOF (NEMA 3R) ENCLOSURE TO BE LOCATED OUTSIDE ON HOUSE. EQUIPPED WITH CIRCUIT BREAKERS OR DISCONNECT SWITCH.
6. ALARM DEVICE- EVERY INSTALLATION IS TO HAVE AN ALARM DEVICE TO ALERT THE HOMEOWNER OF A POTENTIAL MALFUNCTION. VISUAL DEVICES SHOULD BE PLACED IN VERY CONSPICUOUS LOCATIONS.
7. INLET- EPDM GROMMET (4.5" I.D.). FOR 4.5" O.D. DWV PIPE.
8. WET WELL VENT- 2" TANK VENT, SUPPLIED BY FACTORY IN UNITS WITH ACCESSWAYS.
9. GRAVITY SERVICE LINE- 4" DWV, (4.5" O.D.). SUPPLIED BY OTHERS.
- 9a. STUB-OUT- 4" X 5' LONG WATERTIGHT STUB-OUT, TO BE INSTALLED AT TIME OF BURIAL UNLESS THE GRAVITY SERVICE LINE IS CONNECTED DURING INSTALLATION. SUPPLIED BY OTHERS.
10. DISCHARGE VALVE- 1 1/4" FEMALE PIPE THREAD.
11. DISCHARGE LINE- 1 1/4" NOMINAL PIPE SIZE. SUPPLIED BY OTHERS.
12. CONCRETE ANCHOR-
VOLUME OF CONCRETE REQUIRED- 13.2 FT.³. (.48 YD.³.)
WEIGHT OF CONCRETE REQUIRED- 2000 LBS. (1985 LBS.)
13. BEDDING MATERIAL- 6" MIN. DEPTH, ROUND AGGREGATE, (GRAVEL).
14. FINISHED GRADE- GRADE LINE TO BE 1 TO 4 INCHES BELOW REMOVABLE LID AND SLOPE AWAY FROM THE STATION.
15. CONDUIT- 1" OR 1 1/4", MATERIAL AND BURIAL DEPTH AS REQUIRED BY LOCAL CODE.
16. REBAR- REQUIRED TO LIFT TANK AFTER BALLAST (CONCRETE ANCHOR) HAS BEEN ATTACHED, 4 PLACES, EVENLY SPACED AROUND TANK.

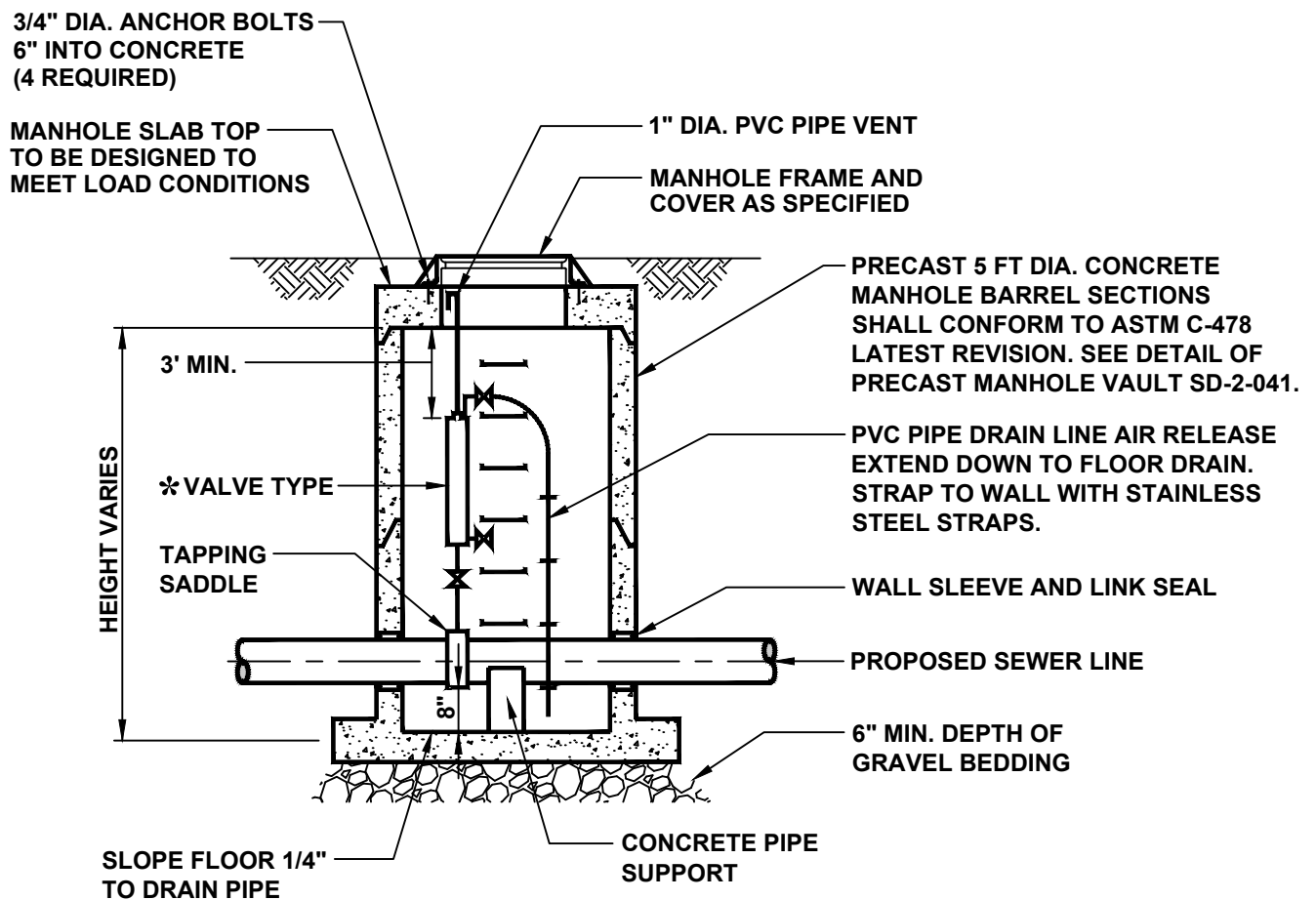
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		GRINDER PUMP (OUTSIDE INSTALLATION)		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-38	33



*TYPE OF VALVE INSTALLED
IN THE MANHOLE AS REQUIRED
BY THE ENGINEER

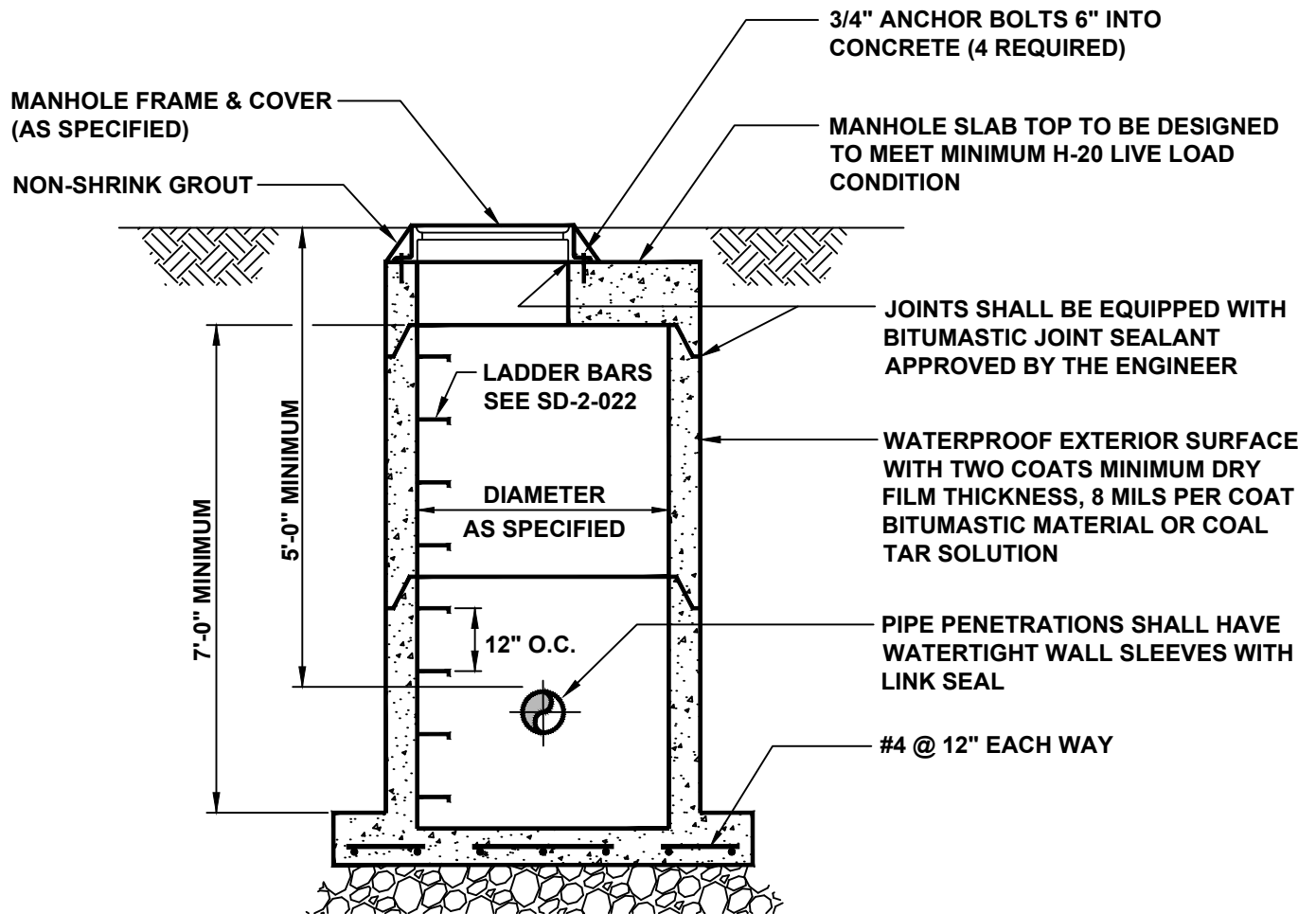
- 1) AIR RELEASE VALVE
- 2) AIR VACUUM VALVE
- 3) COMBINATION AIR VALVE
AS SPECIFIED

PLAN 2-040-A



SECTION 2-040-B

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		SEWAGE AIR AND VACUUM RELEASE VALVE AND MANHOLE		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-40	34

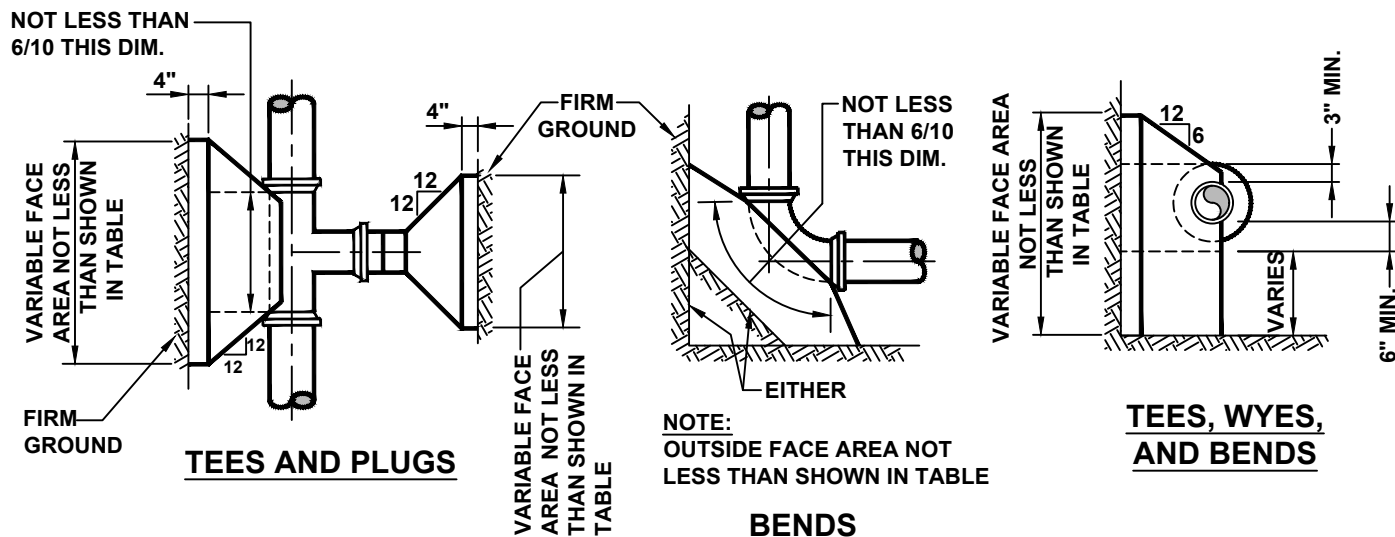


SECTION A-A

NOTES:

1. PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM-C478, LATEST REVISION.
2. WHERE MANHOLE FOUNDATION IS IN ROCK, REINFORCEMENT WILL NOT BE REQUIRED.
3. LIFTING HOLES SHALL BE PAINTED WITH MORTAR, MADE WATERTIGHT AND LEFT NEAT & SMOOTH.
4. SUPPORT MANHOLE STRUCTURE AND ALL PIPING CONNECTIONS ON A MINIMUM OF 6" THICKNESS 1B BEDDING MATERIAL. ENCAPSILATE ALL PIPES WITHIN MANHOLE EXCAVATION IN THE SAME MATERIAL TO AN ELEVATION OF 12" ABOVE THE TOPS OF PIPES.

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		PRECAST CONCRETE MANHOLE VAULT		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-41	35



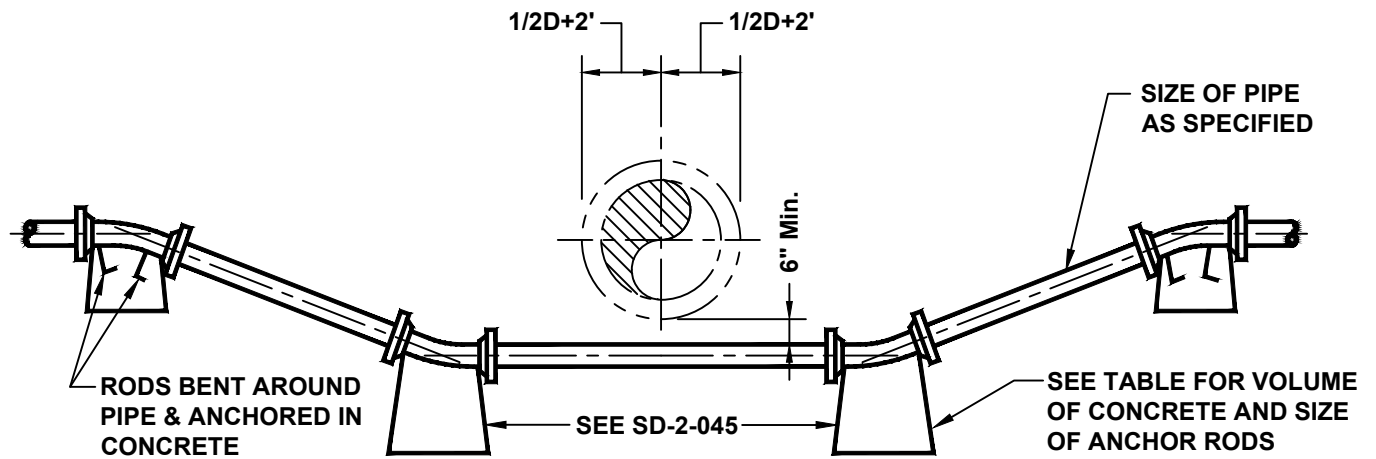
NOTES:

1. ALL TEES, WYES, CROSSES, PLUGS AND BENDS OF 10° OR MORE SHALL BE BLOCKED AGAINST FIRM EARTH WITH CONCRETE.
2. EARTH PRESSURE FIGURED AT 4000 PSF. IF EARTH ENCOUNTERED WILL NOT WITHSTAND THIS PRESSURE, THE AREA OF THE BLOCK MUST BE INCREASED PROPORTIONATELY.
3. ALL FITTINGS SHALL BE WRAPPED IN PLASTIC PRIOR TO POURING CONCRETE BLOCKING.

PIPE SIZE (in)	AREA* (sq in)	TOTAL FORCE (lbs)	AREA OF BLOCK IN SQUARE FEET				
			TEES & PLUGS	90 DEGREE BENDS	45 DEGREE BENDS	22 1/2 DEGREE BENDS	11 1/4 DEGREE BENDS
4	19	4,275	1.1	1.5	1.0	1.0	1.0
6	38	8,550	2.2	3.0	1.6	1.0	1.0
8	65	14,625	3.7	5.2	2.8	1.4	1.0
10	97	21,825	5.5	7.7	4.2	2.1	1.1
12	137	30,825	7.7	10.9	5.9	3.0	1.5
14	184	41,400	10.4	14.6	7.9	4.0	2.1
16	238	53,550	13.4	18.9	10.3	5.2	2.7
18	299	67,275	16.8	23.8	12.9	6.6	3.4
20	367	82,575	20.7	29.2	15.8	8.1	4.1
24	523	117,675	29.4	41.6	22.5	11.5	5.9
30	805	96,600	24.2	34.2	18.5	9.4	4.8
36	1152	138,240	34.6	48.9	26.5	13.5	6.9

CALCULATIONS ARE BASED ON 225 PSI PRESSURE OR 150 PSI WORKING PRESSURE PLUS 50% INCREASE FOR WATER HAMMER FOR SIZES 4" TO 24" INCLUSIVE. FOR SIZES 30" & 36" THE TABLE IS BASED ON 120 PSI PRESSURE OR 75 PSI WORKING PRESSURE PLUS 50% WATER HAMMER.

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY			CONCRETE THRUST BLOCKING		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-45	36	



NOTE:
THE TABLE IS BASED ON 225 PSI TEST PRESSURE. ALL BLOCKS HAVING LENGTH OF 3'-0" OR MORE TO BE REINFORCED WITH #4 @ 6" PLACED 3" FROM TOP OF BLOCK.

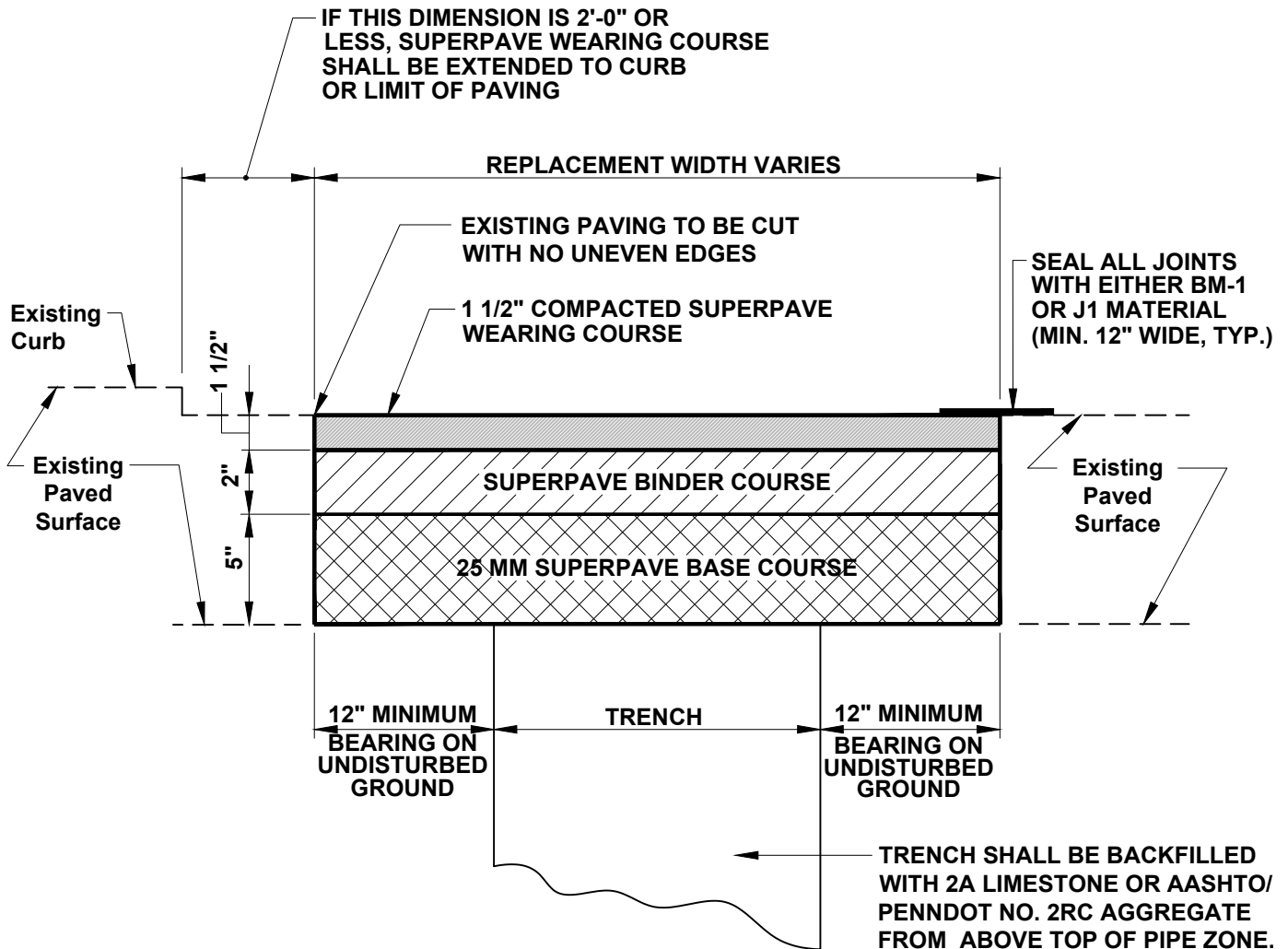
NOTE:
ALL FITTINGS SHALL BE WRAPPED IN PLASTIC PRIOR TO POURING CONCRETE ANCHORS.

PIPE SIZE	TOTAL FORCE (lbs)	VOLUME IN CUBIC FEET			SIZE AND NO. OF ANCHOR RODS		
		45 DEGREE BENDS	22 1/2 DEGREE BENDS	11 1/4 DEGREE BENDS	45 DEGREE BENDS	22 1/2 DEGREE BENDS	11 1/4 DEGREE BENDS
4	4275	22.7	11.6	5.9	1-#4	1-#4	1-#4
6	8550	45.5	23.3	11.9	2-#4	1-#4	1-#4
8	14625	77.8	39.6	20.3	2-#4	2-#4	1-#4
10	21825	116.1	59.1	30.3	2-#4	2-#4	2-#4
12	30825	164.0	83.5	42.8	2-#5	2-#4	2-#4
14	41400	220.2	112.1	57.5	2-#6	2-#4	2-#4
16	53550	284.9	145.0	73.4	2-#7	2-#5	2-#4
18	67275	357.9	182.2	93.4	2-#7	2-#5	2-#4
20	82575	439.2	223.6	114.7	2-#8	2-#6	2-#4
24	117675	626.0	318.7	183.4	2-#9	2-#7	2-#5

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		CONCRETE ANCHORS AND METHOD OF LAYING MAINS UNDER OBSTRUCTIONS			
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-46	37	

NOTE:

REFERENCE SUPERPAVE
PER PA DOT SECTION 409,
MIXTURE & DESIGN STANDARDS

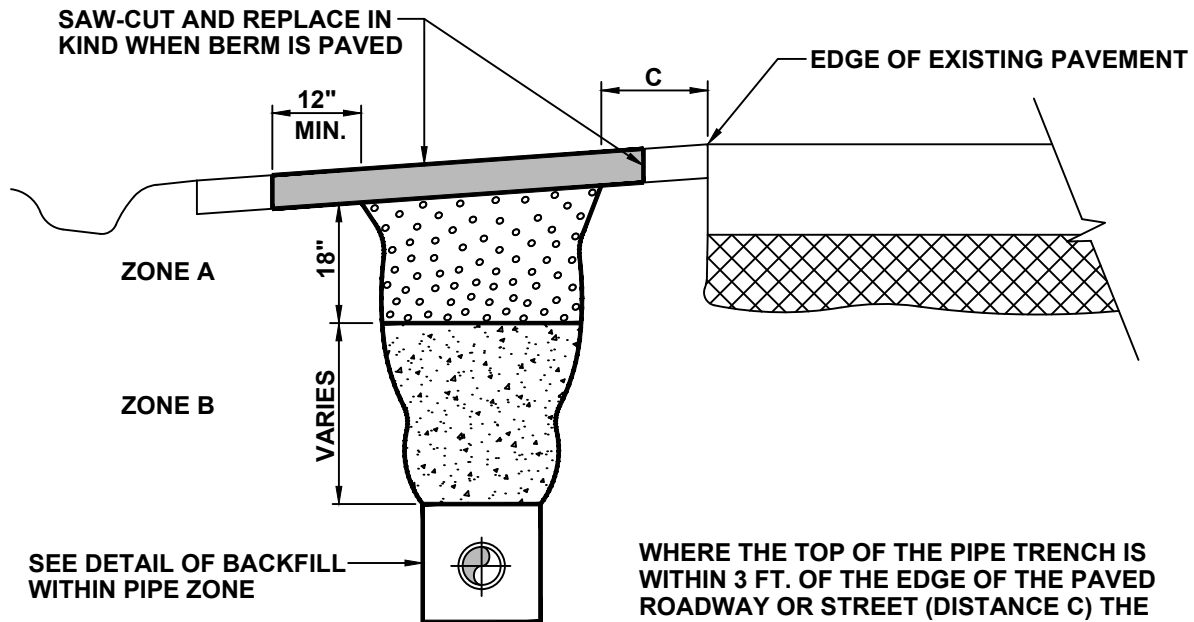


NOTE:

DURING COLD WEATHER WHEN SUPERPAVE MATERIAL IS NOT AVAILABLE FROM THE ASPHALT PLANTS THE TRENCH SHALL BE BACKFILLED WITH 2RC SELECT MATERIAL TO AN ELEVATION WITHIN 3" OF THE ROAD SURFACE. THE TRENCH SHALL THEN BE SURFACED WITH A TEMPORARY PATCH OF COLD PATCH MATERIAL. AS SOON AS THE ASPHALT PLANTS OPEN IN THE SPRING, THE CONTRACTOR SHALL REMOVE THE COLD PATCH AND 2RC MATERIALS AND SAW-CUT THE REQUIRED BENCHES AND THE SUPERPAVE MATERIAL SHALL THEN BE PLACED AND SEALED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE ON THE TEMPORARY PATCH AND SHALL KEEP A SMOOTH RIDING SURFACE ON THE STREET.

* FOR CONCRETE SURFACED ROADWAYS, THE REQUIREMENTS OF
PA DOT PUBLICATION 408 ARE REQUIRED.

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		TRENCH BACKFILL AND PAVEMENT REPLACEMENT REQUIREMENTS FOR MUNICIPAL ROADS		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-62	38

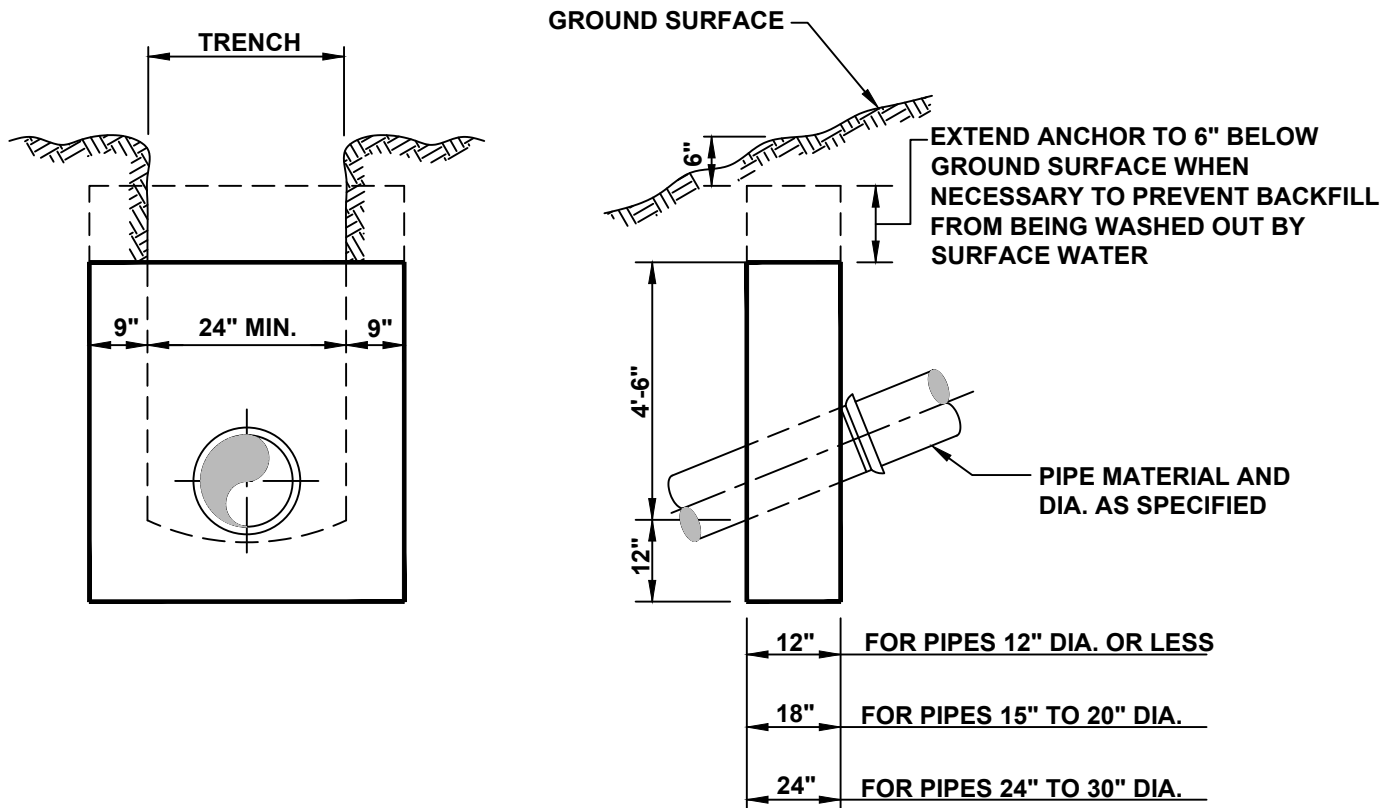


WHERE THE TOP OF THE PIPE TRENCH IS WITHIN 3 FT. OF THE EDGE OF THE PAVED ROADWAY OR STREET (DISTANCE C) THE ENTIRE TRENCH BACKFILL ABOVE THE PIPE ZONE, THAT IS THE BACKFILL PLACED IN ZONES A AND B SHALL CONSIST OF 2-A LIMESTONE MATERIAL MECHANICALLY COMPACTED IN 6" LAYERS.

WHERE THE TOP OF THE PIPE TRENCH IS GREATER THAN 3 FT. FROM THE EDGE OF THE PAVED ROADWAY (DISTANCE C) BACKFILL PLACED IN ZONE B SHALL BE EXCAVATED MATERIAL FROM THE TRENCH, FREE OF ROCKS LARGER THAN 3" AND MECHANICALLY COMPACTED IN 6" LAYERS. BACKFILL MATERIAL PLACED IN ZONE A (THE TOP 18" OF THE TRENCH) SHALL BE 2-A LIMESTONE MATERIAL MECHANICALLY COMPACTED IN 6" LAYERS.

WHERE THE BERM IS NOT PLANTED OR PAVED IT SHALL BE RESTORED FOR ITS ENTIRE WIDTH BY APPLICATION OF RT-2W BITUMINOUS MATERIAL AT A RATE OF 0.2 TO 0.5 GALLONS PER SQUARE YARD DEPENDING UPON LOCATION AND PREVAILING TEMPERATURES AT TIME OF APPLICATION.

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		TRENCH BACKFILL WITHIN ROADWAY OR STREET BERMS		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-69	39



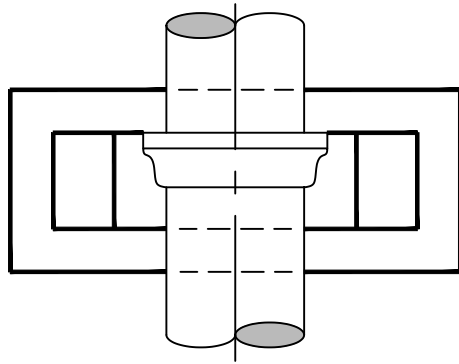
CONCRETE ANCHORS FOR PIPES ON STEEP GRADES

PROVIDE NO ANCHORS ON GRADES LESS THAN 20% UNLESS NOTED
 PROVIDE ANCHORS 36' C-C ON GRADES BETWEEN 20% AND 34%
 PROVIDE ANCHORS 24' C-C ON GRADES BETWEEN 34% AND 50%
 PROVIDE ANCHORS 16' C-C ON GRADES BETWEEN 50% AND 70%

NOTE:

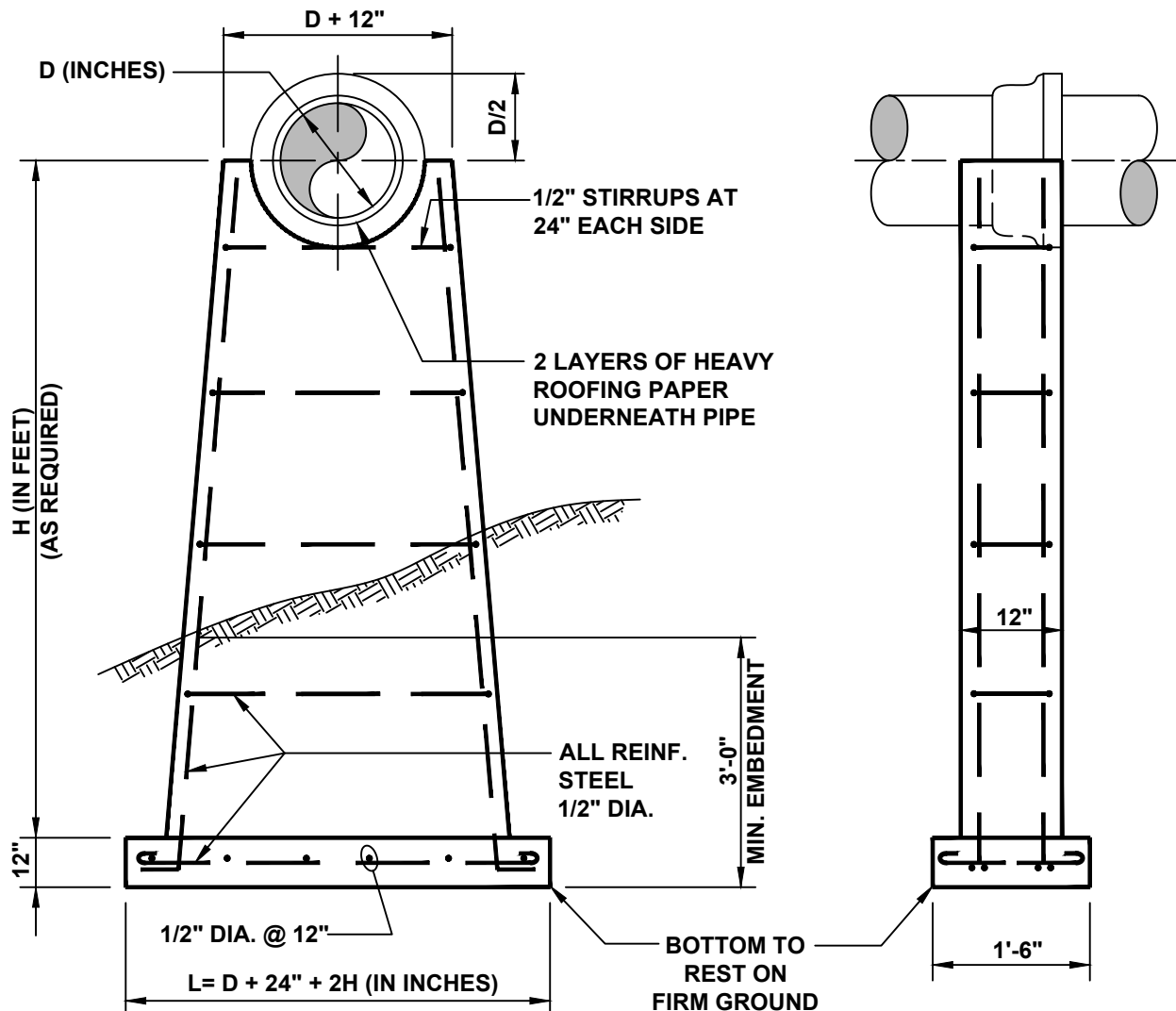
FOR CONDITIONS OTHER THAN SHOWN HEREON ANCHORS SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT PLANS OR ORDERED IN THE FIELD BY THE OWNER'S REPRESENTATIVE.

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		CONCRETE ANCHORS FOR PIPELINES		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-92	40



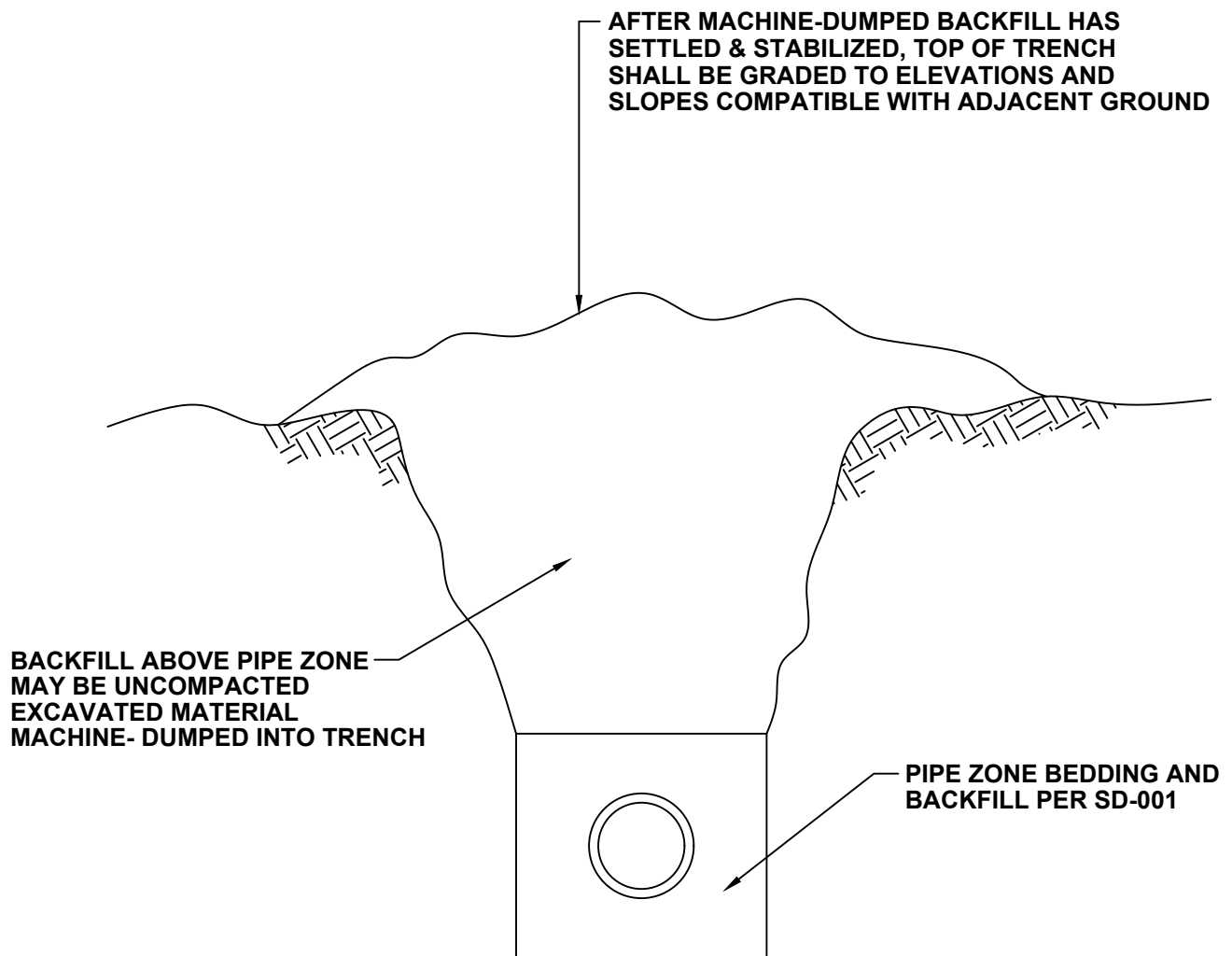
NOTE:

THESE PIERS SHALL BE CONSTRUCTED AT ALL LOCATIONS WHERE PIPE ALIGNMENT OR PROFILE PROHIBITS PIPE SUPPORT ON ORIGINAL UNDISTURBED GROUND. SPACING BETWEEN PIERS SHALL ACCOMMODATE PIPE JOINTS UNLESS OTHERWISE SHOWN ON THE THE PLANS OR DIRECTED IN THE FIELD



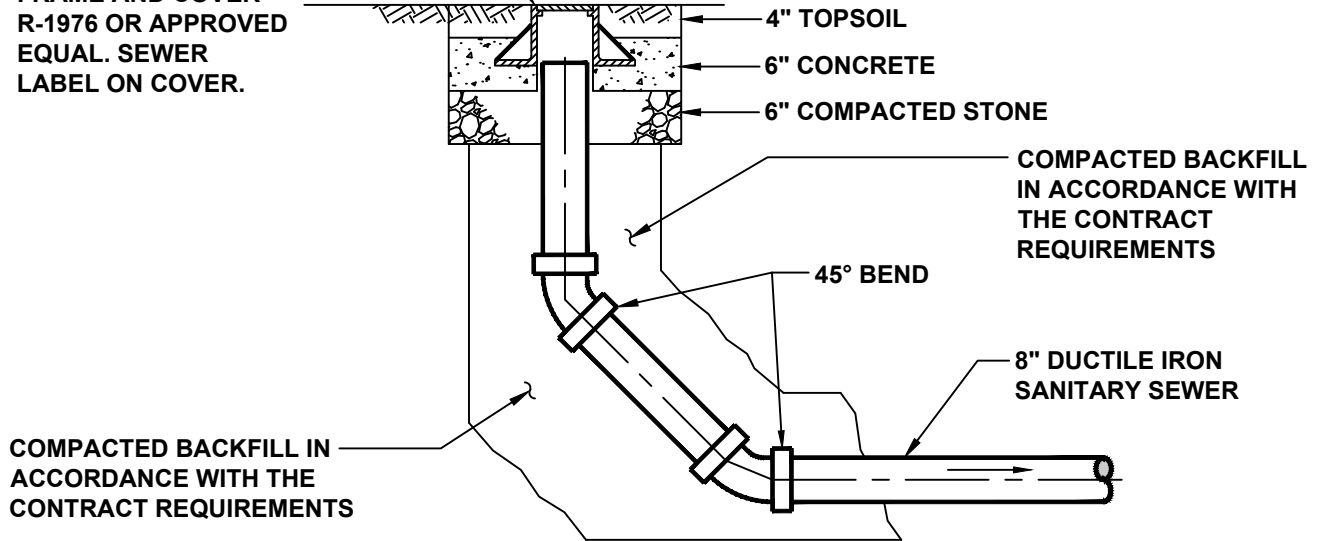
EXAMPLE: $D=12''$
 $H=10'-0''$
 $L=12''+24''+(2 \times 10')=56''$

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY			PIPE SUPPORT PIERS FOR ALIGNMENTS ABOVE ORIGINAL UNDISTURBED GROUND		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-93	41	



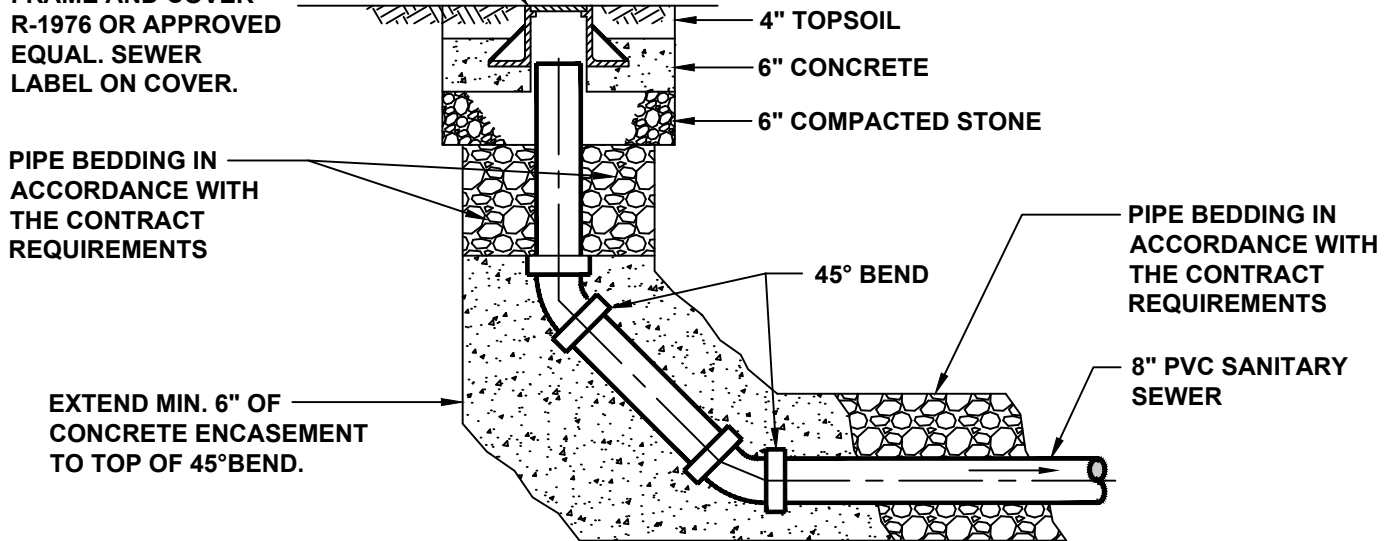
WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		TRENCH BACKFILL THROUGH WOODS, FIELDS OR OTHER UNIMPROVED LOCATIONS		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-03	42

NEENAH FOUNDRY
CO. LAMPHOLE
FRAME AND COVER
R-1976 OR APPROVED
EQUAL. SEWER
LABEL ON COVER.



8" D.I. PIPE LAMPHOLE DETAIL 2-096-A

NEENAH FOUNDRY
CO. LAMPHOLE
FRAME AND COVER
R-1976 OR APPROVED
EQUAL. SEWER
LABEL ON COVER.



8" PVC PIPE LAMPHOLE DETAIL 2-096-B

WASHINGTON-EAST WASHINGTON JOINT AUTHORITY		SANITARY SEWER LAMPHOLE		
KLH ENGINEERS, INC.	Not to scale	December 2016	Standard Detail SD-96	43