DIRECTIONS FOR USE

1. The entire set of original drawings shall be submitted to the construction engineer for review. The drawings shall be considered final work if revised, partial sets may be used for small projects when approved by Aqua Indiana.

2. All revisions, additions, or cover sheets to the drawings shall be submitted to the construction engineer for review before proceeding with any work that is not shown on the original drawings. The drawings shall be considered final work if revised, partial sets may be used for small projects when approved by Aqua Indiana.

3. Drawings and specifications that do not apply may be ommitted. Any revisions or amendments to the drawings and specifications shall be made only under the supervision of the construction engineer. Any changes made after the drawings have been submitted to the construction engineer shall be considered final work if revised, partial sets may be used for small projects when approved by Aqua Indiana.

4. General Notes: The drawings and specifications that do not apply may be omitted. Any revisions or amendments to the drawings and specifications shall be made only under the supervision of the construction engineer. Any changes made after the drawings have been submitted to the construction engineer shall be considered final work if revised, partial sets may be used for small projects when approved by Aqua Indiana.

GENERAL NOTES

1. Contractor shall notify the exact location of all existing utilities at least 48 hours prior to any construction or excavation. During construction, all utilities shall be identified and protected to minimize damage. No contractor shall be responsible for damage to any existing utility unless it is caused by the contractor.

2. All construction drawings shall be submitted to Aqua Indiana in electronic format. Only one set of construction drawings shall be submitted. No contractor shall be responsible for damage to any existing utility unless it is caused by the contractor.

3. Any proposed changes, alterations, or additions shall be submitted in writing to Aqua Indiana and shall be subject to review. No contractor shall be responsible for damage to any existing utility unless it is caused by the contractor.

4. Installation of both picket and chain fencing to be used during excavation. No contractor shall be responsible for damage to any existing utility unless it is caused by the contractor.

5. All contractors shall ensure that all items are delivered, installed, and completed in accordance with the plans and specifications. All materials and equipment shall be in accordance with the plans and specifications. No contractor shall be responsible for damage to any existing utility unless it is caused by the contractor.

6. Drawings and specifications that do not apply may be omitted. Any revisions or amendments to the drawings and specifications shall be made only under the supervision of the construction engineer. Any changes made after the drawings have been submitted to the construction engineer shall be considered final work if revised, partial sets may be used for small projects when approved by Aqua Indiana.

DATE OF ISSUANCE: 3/1/2021
CONTRACTOR: ALL SHALDO CONSTRUCTION CORP.

1.2 DESCRIPTION OF WORK: The project is to construct the Long Beach SHEV. The project location is at the intersection of Ocean and 1st Street in Long Beach, CA. The work shall include the following:

- Construction of a new gravity sewer line along Ocean Avenue from 1st Street to the existing sewer line at the intersection of Ocean and 1st Street.
- Installation of a new catch basin at the intersection of Ocean and 1st Street.
- Backfilling of the excavation area with imported fill.
1. **CIRCUIT ARRANGEMENT**

   1. **NATIONAL ASSESSMENT**
      - Each pit shall be designed to meet the requirements for fire protection, including the installation of fire extinguishers, fire alarms, and emergency evacuation procedures.
      - All equipment shall be installed in accordance with the applicable local and national codes and standards.

2. **PLANT DESIGN**

   - The design shall incorporate measures to prevent the spread of fire and to ensure the safety of personnel in the event of a fire.
   - The plant shall be designed to meet the requirements for fire protection, including the installation of fire extinguishers, fire alarms, and emergency evacuation procedures.

3. **SUPPLIERS' DRAWINGS**

   - All drawings shall be submitted to the engineer-in-charge for review and approval.
   - All suppliers shall be required to submit drawings to confirm that the equipment meets the required specifications.

4. **CONSTRUCTION**

   - The construction shall be carried out in accordance with the approved drawings and specifications.
   - The construction shall be monitored by a qualified professional to ensure compliance with the specifications.

5. **TESTING AND INSPECTION**

   - All equipment shall be tested and inspected to ensure compliance with the specifications.
   - The testing and inspection shall be conducted by a qualified professional.

6. **OPERATION AND MAINTENANCE**

   - The plant shall be operated and maintained in accordance with the approved procedures.
   - The operation and maintenance shall be monitored by a qualified professional to ensure compliance with the specifications.

7. **ARCHIVE**

   - All documentation related to the project shall be kept on file for future reference.
   - The documentation shall include all drawings, specifications, and test results.

8. **COPIES**

   - Two copies of all documentation shall be kept on file for future reference.
   - One copy shall be kept at the project site and the other copy shall be kept at the company's headquarters.

9. **REVISIONS**

   - Any changes to the specifications, drawings, or procedures shall be documented and approved.
   - The revisions shall be communicated to all parties involved in the project.

10. **PROJECT NUMBERS**

   - All project numbers shall be assigned to ensure proper identification of the project.
   - The project numbers shall be used for all correspondence related to the project.

11. **CONTRACTOR**

   - The contractor shall be responsible for the overall management and coordination of the project.
   - The contractor shall be required to submit a detailed project plan for review and approval.

12. **MANAGEMENT OF CHANGES**

   - Any changes to the project shall be documented and approved.
   - The changes shall be communicated to all parties involved in the project.

13. **PERMITS AND INTEGRITY**

   - All permits required for the project shall be obtained in advance.
   - The integrity of the project shall be maintained throughout the construction phase.

14. **QUALITY ASSURANCE**

   - The project shall be designed, constructed, and maintained in accordance with the approved specifications.
   - The project shall be monitored and tested to ensure compliance with the specifications.

15. **CONTRACTORS' LIABILITIES**

   - The contractors shall be responsible for the overall management and coordination of the project.
   - The contractors shall be required to submit a detailed project plan for review and approval.

16. **ENGINEER-IN-CHARGE**

   - The engineer-in-charge shall be responsible for the overall management and coordination of the project.
   - The engineer-in-charge shall be required to submit a detailed project plan for review and approval.

17. **SITE CONDITIONS**

   - The site conditions shall be assessed to ensure compliance with the specifications.
   - The site conditions shall be monitored and tested to ensure compliance with the specifications.

18. **CONSTRUCTION TEMPORARY SHUTOFFS**

   - Temporary shutoffs shall be installed to ensure the safety of personnel during construction.
   - The temporary shutoffs shall be installed in accordance with the approved specifications.

19. **CONSTRUCTION PERIODS**

   - The construction period shall be determined based on the requirements of the project.
   - The construction period shall be monitored and tested to ensure compliance with the specifications.

20. **CONSTRUCTION DOCUMENTS**

   - The construction documents shall be reviewed and approved by the engineer-in-charge.
   - The construction documents shall be submitted to all parties involved in the project.

21. **CONSTRUCTION MATERIALS**

   - The construction materials shall be purchased in accordance with the approved specifications.
   - The construction materials shall be tested and inspected to ensure compliance with the specifications.

22. **CONSTRUCTION METHODS**

   - The construction methods shall be selected in accordance with the approved specifications.
   - The construction methods shall be monitored and tested to ensure compliance with the specifications.

23. **CONSTRUCTION QUALITY**

   - The construction quality shall be monitored and tested to ensure compliance with the specifications.
   - The construction quality shall be assessed to ensure compliance with the specifications.

24. **CONSTRUCTION SAFETY**

   - The construction safety shall be monitored and tested to ensure compliance with the specifications.
   - The construction safety shall be assessed to ensure compliance with the specifications.

25. **CONSTRUCTION SECURITY**

   - The construction security shall be monitored and tested to ensure compliance with the specifications.
   - The construction security shall be assessed to ensure compliance with the specifications.

26. **CONSTRUCTION VARIATIONS**

   - The construction variations shall be monitored and tested to ensure compliance with the specifications.
   - The construction variations shall be assessed to ensure compliance with the specifications.

27. **CONSTRUCTION VISTAS**

   - The construction vistas shall be monitored and tested to ensure compliance with the specifications.
   - The construction vistas shall be assessed to ensure compliance with the specifications.

28. **CONSTRUCTION WORKS**

   - The construction works shall be monitored and tested to ensure compliance with the specifications.
   - The construction works shall be assessed to ensure compliance with the specifications.

29. **CONTRACTOR RESPONSIBILITY**

   - The contractor shall be responsible for the overall management and coordination of the project.
   - The contractor shall be required to submit a detailed project plan for review and approval.

30. **CONTRACTOR'S LIABILITY**

   - The contractor's liability shall be monitored and tested to ensure compliance with the specifications.
   - The contractor's liability shall be assessed to ensure compliance with the specifications.

31. **CONSTRUCTION REQUIREMENTS**

   - The construction requirements shall be monitored and tested to ensure compliance with the specifications.
   - The construction requirements shall be assessed to ensure compliance with the specifications.

32. **CONSTRUCTION INTEGRITY**

   - The construction integrity shall be monitored and tested to ensure compliance with the specifications.
   - The construction integrity shall be assessed to ensure compliance with the specifications.

33. **CONSTRUCTION REGULATIONS**

   - The construction regulations shall be monitored and tested to ensure compliance with the specifications.
   - The construction regulations shall be assessed to ensure compliance with the specifications.

34. **CONSTRUCTION SECURITY**

   - The construction security shall be monitored and tested to ensure compliance with the specifications.
   - The construction security shall be assessed to ensure compliance with the specifications.

35. **CONSTRUCTION VISTAS**

   - The construction vistas shall be monitored and tested to ensure compliance with the specifications.
   - The construction vistas shall be assessed to ensure compliance with the specifications.

36. **CONSTRUCTION VIEWS**

   - The construction views shall be monitored and tested to ensure compliance with the specifications.
   - The construction views shall be assessed to ensure compliance with the specifications.

37. **CONSTRUCTION VISTAS**

   - The construction vistas shall be monitored and tested to ensure compliance with the specifications.
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   - The construction vistas shall be monitored and tested to ensure compliance with the specifications.
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4. Externally pressurized air shall be used for fossil fuels, and for oil and gas, and their discharges shall be acceptable as prescribed herein. All applicable discharge and emission standards and regulations shall be as specified herein. All applicable discharge and emission standards and regulations shall be as specified herein.
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three-inch, three-inch, three-inch, three-inch, three-inch, three-inch, three-inch, three-inch, three-in
2.1.2 MACHINERY AND EQUIPMENT

A. DESCRIPTION
1. The machinery, equipment, and horizontal surfaces shall be covered with a waterproof material and shall be finished in a manner to facilitate cleaning and sanitizing.

B. STAIR AND ROOF ACCESS
1. All stairways and roof access areas shall be constructed in accordance with ASTM A3, with a 30.5 mm (1.25 in) minimum field thickness, and must be covered with a non-slip material.

2. All stairway and roof access areas shall be constructed in accordance with ASTM A3, with a 30.5 mm (1.25 in) minimum field thickness, and must be covered with a non-slip material.

2.2 FRAMEWORK

A. BROADCASTING
1. Broadcasting equipment shall be installed in all sanitary areas.

2. All broadcasting equipment shall be installed in all sanitary areas.

2.3 PIPE SIZING

A. PIPE SIZING
1. All sanitary areas shall be sized to accommodate the maximum flow rate and must be constructed in accordance with the latest edition of the codes and standards established by the appropriate governing body.

2. All sanitary areas shall be sized to accommodate the maximum flow rate and must be constructed in accordance with the latest edition of the codes and standards established by the appropriate governing body.

2.4 PIPE SIZING

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2.10 PIPE SIZING

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2. All sanitary areas shall be sized to accommodate the maximum flow rate and must be constructed in accordance with the latest edition of the codes and standards established by the appropriate governing body.
THE DRYWALL INTERIOR AND EXTERIOR WALLS SHALL BE DESIGNED SUCH THAT IT IS EASELY ACCESSIBLE FOR INSPECTION, TESTING, AND CLEANING. NO TIMES THE DRYWALL SHALL HAVE A NUMBER OF TIMES OF THE CONSTRUCTION WITH ATTACHABLE AIRGYPSUM INTERIOR WALLS longer than 3,000 meters x 300 meters. 5.

THE DRYWALL INTERIOR AND EXTERIOR WALLS SHALL BE DESIGNED SUCH THAT IT IS EASELY ACCESSIBLE FOR INSPECTION, TESTING, AND CLEANING. NO TIMES THE DRYWALL SHALL HAVE A NUMBER OF TIMES OF THE CONSTRUCTION WITH ATTACHABLE AIRGYPSUM INTERIOR WALLS longer than 3,000 meters x 300 meters. 5.

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1. **ECCENTRICATION**

   a. **Description**

   The contractor shall furnish all necessary eccentricators to reduce eccentricity of the pipe. All eccentricators shall be shipped to the site ready for use.

   **2. INSTALLATION**

   a. **Description**

   The installation of eccentricators shall be performed by the contractor. The eccentricators shall be installed on the pipe at the designated locations as specified in the contract documents.

   b. **Acceptance**

   The eccentricators shall be accepted by the inspector upon satisfactory installation and testing.

   **3. PIPE **

   a. **Description**

   The pipes shall be furnished by the contractor and shall comply with the specifications outlined in the contract documents.

   b. **Acceptance**

   The pipes shall be accepted by the inspector upon satisfactory inspection and testing.

   **4. JOINTS**

   a. **Description**

   The joints shall be the type specified in the contract documents. All joints shall be installed in accordance with the instructions provided by the pipe manufacturer.

   b. **Acceptance**

   The joints shall be accepted by the inspector upon satisfactory installation and testing.

   **5. INSPECTION AND TESTING**

   a. **Description**

   All work shall be inspected and tested in accordance with the specifications outlined in the contract documents.

   b. **Acceptance**

   The work shall be accepted by the inspector upon satisfactory inspection and testing.

   **6. CERTIFICATION**

   a. **Description**

   The contractor shall furnish, upon request, the manufacturer's certification stating that the work has been performed in accordance with the specifications.

   b. **Acceptance**

   The certification shall be accepted by the inspector upon satisfactory examination.
A PIPE IN THE "L" CONFIGURATION SHALL BE USED IN MANDATORY REQUIREMENTS AS A SUBSTITUTE FOR DRILL PIPE AND IRON PIPE MATERIALS. THE PIPE IN THE "L" CONFIGURATION SHALL BE USED IN CONNECTION WITH A MANDATORY 26 INCH HOSE SLUJED TONGUE AND GROOVE CONNECTION. THE HOSE SLUJED TONGUE AND GROOVE CONNECTION MUST BE CONNECTED TO THE END OF THE "L" CONFIGURATION.

C. MANHOLE BASE CHAMBERS:
1. EVERY MANHOLE BASE CHAMBER SHALL BE MADE OF A MATERIAL BURSTING RESISTANT TO 150 PSIG AND SHALL BE USED IN CONNECTION WITH A MANDATORY 10 INCH HOSE SLUJED TONGUE AND GROOVE CONNECTION. THE HOSE SLUJED TONGUE AND GROOVE CONNECTION MUST BE CONNECTED TO THE END OF THE MANHOLE BASE CHAMBER. THE MANHOLE BASE CHAMBER MUST BE MADE OF A MATERIAL THAT IS RATED NOT LESS THAN 2000 PSI.

2. THE MANHOLE BASE CHAMBERS SHALL BE MADE OF MATERIALS DETERMINED TO BE BURSTING RESISTANT TO 150 PSIG AND SHALL BE USED IN CONNECTION WITH A MANDATORY 10 INCH HOSE SLUJED TONGUE AND GROOVE CONNECTION. THE HOSE SLUJED TONGUE AND GROOVE CONNECTION MUST BE CONNECTED TO THE END OF THE MANHOLE BASE CHAMBER. THE MANHOLE BASE CHAMBER MUST BE MADE OF A MATERIAL THAT IS RATED NOT LESS THAN 2000 PSI.

D. PIPE TO MANHOLE CONNECTIONS:
1. EVERY PIPE IN THE "L" CONFIGURATION SHALL BE USED IN CONNECTION WITH A MANDATORY 26 INCH HOSE SLUJED TONGUE AND GROOVE CONNECTION. THE HOSE SLUJED TONGUE AND GROOVE CONNECTION MUST BE CONNECTED TO THE MANHOLE BASE CHAMBER. THE MANHOLE BASE CHAMBER MUST BE MADE OF A MATERIAL THAT IS RATED NOT LESS THAN 2000 PSI.

2. THE EXTERNAL HOSE SLUJED TONGUE AND GROOVE CONNECTION FOR MANHOLE BASE CHAMBERS MUST BE MADE OF MATERIALS DETERMINED TO BE BURSTING RESISTANT TO 150 PSIG AND SHALL BE USED IN CONNECTION WITH A MANDATORY 10 INCH HOSE SLUJED TONGUE AND GROOVE CONNECTION. THE HOSE SLUJED TONGUE AND GROOVE CONNECTION MUST BE CONNECTED TO THE END OF THE MANHOLE BASE CHAMBER. THE MANHOLE BASE CHAMBER MUST BE MADE OF A MATERIAL THAT IS RATED NOT LESS THAN 2000 PSI.

3. THE END OF THE HOSE SLUJED TONGUE AND GROOVE CONNECTION FOR MANHOLE BASE CHAMBERS MUST BE MADE OF MATERIALS DETERMINED TO BE BURSTING RESISTANT TO 150 PSIG AND SHALL BE USED IN CONNECTION WITH A MANDATORY 10 INCH HOSE SLUJED TONGUE AND GROOVE CONNECTION. THE HOSE SLUJED TONGUE AND GROOVE CONNECTION MUST BE CONNECTED TO THE END OF THE MANHOLE BASE CHAMBER. THE MANHOLE BASE CHAMBER MUST BE MADE OF A MATERIAL THAT IS RATED NOT LESS THAN 2000 PSI.

4. THE EXTERNAL HOSE SLUJED TONGUE AND GROOVE CONNECTION FOR MANHOLE BASE CHAMBERS MUST BE MADE OF MATERIALS DETERMINED TO BE BURSTING RESISTANT TO 150 PSIG AND SHALL BE USED IN CONNECTION WITH A MANDATORY 10 INCH HOSE SLUJED TONGUE AND GROOVE CONNECTION. THE HOSE SLUJED TONGUE AND GROOVE CONNECTION MUST BE CONNECTED TO THE END OF THE MANHOLE BASE CHAMBER. THE MANHOLE BASE CHAMBER MUST BE MADE OF A MATERIAL THAT IS RATED NOT LESS THAN 2000 PSI.
I. General

1. Construction of the project is subject to the provisions of the Comprehensive Small Project Law and the Construction Law. The State Land Administration Division shall be responsible for the determination of the land use plan and the construction plan and the issuance of construction permits.

2. The construction area is located in thepsawang sub-district, amphoe suthep, chiang mai province, on land owned by Phuket Provincial Administration Organization.

3. The project aims to construct a water treatment facility with a capacity of 1,000,000 m³/day.

4. The construction period is 180 days from the date the construction permit is obtained.

II. General Requirements

5. The project shall be constructed according to the approved construction plan and the specifications contained in this document.

6. Materials and equipment shall be of high quality and shall be approved by the Department of Public Works and Town Planning.

7. The contractor shall ensure that the construction work is conducted in an environmentally friendly manner.

III. Foundation and Structure

8. The foundation shall be designed and constructed according to the specifications provided by the engineer.

9. The structure shall be designed and constructed to withstand the forces acting on it, including wind and earthquake loads.

10. The structure shall be designed and constructed to comply with all applicable building codes and regulations.

IV. Plumbing and Sanitary Works

11. The plumbing and sanitary systems shall be designed and constructed to ensure proper drainage and water supply.

12. The systems shall be designed and constructed to comply with all applicable plumbing codes and regulations.

V. Electrical Works

13. The electrical systems shall be designed and constructed to ensure proper lighting and power supply.

14. The systems shall be designed and constructed to comply with all applicable electrical codes and regulations.

VI. Environmental Protection

15. The contractor shall take all necessary measures to minimize environmental impacts during the construction and operation phases.

16. The contractor shall ensure that the construction site is kept clean and that waste is properly disposed of.

VII. Quality Control

17. The contractor shall conduct quality control tests on all materials and workmanship.

18. The results of the quality control tests shall be documented and provided to the Department of Public Works and Town Planning.

VIII. Punch List

19. A punch list shall be prepared by the contractor and submitted to the Department of Public Works and Town Planning.

20. The punch list shall identify any items that require further work before the project is considered complete.

IX. Completion and Acceptance

21. The project shall be completed and accepted by the Department of Public Works and Town Planning.

22. The contractor shall provide a warranty for the completed project.

X. Change Order

23. Any changes to the project specifications or plans shall be documented in a change order.

24. The change order shall be approved by the Department of Public Works and Town Planning.

XI. Additional Information

25. Additional information may be provided in separate documents.

26. The final version of this document shall be the only binding document.

XII. Certification

27. The contractor shall certify that the project has been constructed in accordance with the specifications and plans.

28. The certification shall be submitted to the Department of Public Works and Town Planning.

**Footer Information:**

**AUTHOR:**

**TITLE:**

**DATE:**

**PROJECT:**

**CONTRACTOR:**

**DATE:**

**ENGINEER:**

**DATE:**

**ARCHITECT:**

**DATE:**

**CONTRACT #:**

**DATE:**

**SPECIFICATION:**

**DATE:**
1. **DISCLAIMER OF LIABILITY**: The information provided in this document is intended for general guidance and is subject to change. The user shall be responsible for determining the suitability of the information for their specific application. The manufacturer shall not be liable for any damages or losses resulting from the use or misuse of this information.

2. **PRODUCT SPECIFICATIONS**: The product specifications are subject to change. The user shall verify the specifications before purchase and use. The manufacturer reserves the right to make changes in the product specifications without notice.

3. **USER INSTRUCTIONS**: The user shall follow the instructions provided in the product manual. Any deviations from the instructions may result in reduced performance or damage to the product. The manufacturer is not responsible for any consequences arising from the user's failure to follow the instructions.

4. **MAINTENANCE AND SERVICE**: The user shall perform regular maintenance and service as specified in the product manual. Failure to do so may void the warranty and result in reduced product life.

5. **WARRANTY**: The warranty period is 12 months from the date of purchase. The user shall report any defects within the warranty period. The manufacturer shall repair or replace the product at its discretion. The warranty does not cover labor or transportation costs.

6. **SHIPPING AND HANDLING**: The product is shipped with packaging that provides protection during transportation. The user shall verify the product upon receipt and report any damages immediately.

7. **SPECIFICATION SHEET**: The specification sheet is available upon request. It provides detailed information about the product, including dimensions, weight, and electrical specifications.

8. **CUSTOMER SERVICE**: The manufacturer provides customer service to address any inquiries or issues. The user shall contact the manufacturer for assistance.

9. **APPLICATION**: The product is designed for use in environments with high humidity and temperature. The user shall ensure that the product is installed and operated within the specified environmental conditions.

10. **DISPOSAL**: The user shall dispose of the product in accordance with local regulations. The manufacturer recommends recycling the product to reduce environmental impact.

11. **LEGAL AND COMPLIANCE**: The user shall comply with all applicable laws and regulations governing the use and operation of the product. The manufacturer is not responsible for any legal consequences arising from the user's failure to comply with the laws and regulations.

12. **EXTRACTION OF INFORMATION**: Any information extracted from this document shall be used for the purpose of product selection and shall not be used for any other purpose without the written consent of the manufacturer.
PART 3 - EXECUTION OF THE WORK

1. GENERAL

11. REFER TO AQUA INDIANA STANDARD SPECIFICATIONS FOR SANITARY SEWER SYSTEMS, APPLICABLE RECOMMENDED PRACTICES, CODES, AND LOCAL AND STATE WATER QUALITY REGULATIONS.

12. INSTALL LIFT STATION, VALVES AND CONDUIT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPLICABLE STATE, LOCAL, AND FEDERAL WATER QUALITY REGULATIONS. ALL FITTINGS, VALVES, AND MEETINGS SHALL BE INSTALLED IN A NEAT, ORGANIZED MANNER.

13. ALL CONDUIT AND DRAIN PIPING SHALL BE ALUMINIZED STEEL PIPE, WELDED SEAMLESS, WITH A MINIMUM THICKNESS OF 0.012 INCH, AND SHALL BE RATED FOR 150 PSI. ALL FITTINGS, VALVES, AND MEETINGS SHALL BE INSTALLED IN A NEAT, ORGANIZED MANNER.

14. INSTALLATION SERVICE: A. ALL ELECTRICAL INSTALLATION SHALL BE PROTECTED BY A 200 AMP DISCONNECT OR AS REQUIRED BY THE CODE. B. ALL ELECTRICAL INSTALLATION SHALL BE戲 Recording Data to be Included in the Design of the Lift Station...
1. **MATERIALS**:
   - The gender pump shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - The gender pump shall be Constructed of Cast Iron or A.R. Concrete, and shall be free from cracks or flaws.

2. **PLUMBING STATION**:
   - Plumbing stations shall be constructed using a 
     - A. A 4" cast iron A.R. Concrete
     - B. A 4" cast iron concrete
     - C. A 4" cast iron A.R. Concrete
     - D. A 4" cast iron concrete
   - Plumbing stations shall be free from cracks or flaws.
   - Plumbing stations shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.

3. **LOW PRESSURE SEWER SYSTEM PIPING**:
   - Low pressure sewer system piping shall be constructed using high density polyethylene (PE) pipe. Notice: low pressure gender pumps shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - Low pressure sewer system piping shall be free from cracks or flaws.
   - Low pressure sewer system piping shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - Low pressure sewer system piping shall be free from cracks or flaws.

4. **PIPING PATTERN**:
   - Piping pattern shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - Piping pattern shall be free from cracks or flaws.
   - Piping pattern shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - Piping pattern shall be free from cracks or flaws.

5. **LOW PRESSURE SEWER SYSTEM COMPONENTS**:
   - Low pressure sewer system components shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - Low pressure sewer system components shall be free from cracks or flaws.
   - Low pressure sewer system components shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - Low pressure sewer system components shall be free from cracks or flaws.

6. **FITTINGS**:
   - Fittings shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - Fittings shall be free from cracks or flaws.
   - Fittings shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - Fittings shall be free from cracks or flaws.

7. **CURB STOP CHECK VALVE ASSY**:
   - The curb stop check valve shall have a ball valve check stop and the body seal outer edge shall not be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - The curb stop check valve shall be free from cracks or flaws.
   - The curb stop check valve shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - The curb stop check valve shall be free from cracks or flaws.

8. **CURB STOP CHECK VALVE ASSY ASSY**:
   - The curb stop check valve shall have a ball valve check stop and the body seal outer edge shall not be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - The curb stop check valve shall be free from cracks or flaws.
   - The curb stop check valve shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - The curb stop check valve shall be free from cracks or flaws.

9. **CURB STOP CHECK VALVE ASSY ASSY ASSY**:
   - The curb stop check valve shall have a ball valve check stop and the body seal outer edge shall not be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - The curb stop check valve shall be free from cracks or flaws.
   - The curb stop check valve shall be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
   - The curb stop check valve shall be free from cracks or flaws.

10. **CURB STOP CHECK VALVE ASSY ASSY ASSY ASSY**:
    - The curb stop check valve shall have a ball valve check stop and the body seal outer edge shall not be free from electrical and fire hazards in accordance with the provisions of the National Electrical Code (NEC) and the National Fire Protection Association (NFPA) 700 requirements.
    - The curb stop check valve shall be free from cracks or flaws.
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    - The curb stop check valve shall be free from cracks or flaws.