

**Attachment A:**  
**Section 01 60 00 – Product Requirements, revised 7/7/2026**

## SECTION 01 60 00 - PRODUCT REQUIREMENTS

## PART 1 - GENERAL

## 1.1 SECTION INCLUDES

- A. Transportation, handling, storage and protection.
- B. Product option requirements.
- C. Substitution limitations and procedures.

## 1.2 SUBMITTALS

- A. Product Data Submittals: Submit manufacturer's standard published data. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- B. Shop Drawing Submittals: Prepared specifically for this Project; indicate utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- C. Sample Submittals: Illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.
  - 1. For selection from standard finishes, submit samples of the full range of the manufacturer's standard colors, textures, and patterns.

## PART 2 - PRODUCTS

## 2.1 NEW PRODUCTS

- A. Provide new products unless specifically required or permitted by the Contract Documents.
- B. Do not use products having any of the following characteristics:
- C. Sustainably Harvested Wood:
  - 1. Definition: Wood-based materials include but are not limited to structural framing, dimension lumber, flooring, wood doors, finishes, and furnishings that are permanently installed in the project. Wood and wood-based products not permanently installed in the project are not included in the definition.
  - 2. Specific Wood-Based Fabrications: Fabricate of sustainably harvested wood when so specified elsewhere.
  - 3. Certification: Provide wood certified or labeled by an organization accredited by one of the following:
    - a. The Forest Stewardship Council, The Principles for Natural Forest Management; for Canada visit <http://www.fscCanada.org>, for the USA visit <http://www.fscus.org>.

## 2.2 PRODUCT OPTIONS

- A. Products Specified by Reference Standards or by Description Only: Use any product meeting those standards or description.
- B. Products Specified by Naming One or More Manufacturers: Use a product of one of the manufacturers named and meeting specifications, no options or substitutions allowed.
- C. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named.

## PART 3 - EXECUTION

### 3.1 TRANSPORTATION AND HANDLING

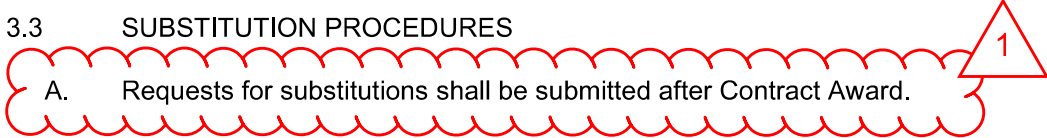
- A. Coordinate schedule of product delivery to designated prepared areas in order to minimize site storage time and potential damage to stored materials.
- B. Transport and handle products in accordance with manufacturer's instructions.
- C. Transport materials in covered trucks to prevent contamination of product and littering of surrounding areas.
- D. Promptly inspect shipments to ensure that products comply with requirements, quantities are correct, and products are undamaged.
- E. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage.
- F. Arrange for the return of packing materials, such as wood pallets, where economically feasible.

### 3.2 STORAGE AND PROTECTION

- A. Designate receiving/storage areas for incoming products so that they are delivered according to installation schedule and placed convenient to work area in order to minimize waste due to excessive materials handling and misapplication.
- B. Store and protect products in accordance with manufacturers' instructions.
- C. Store with seals and labels intact and legible.
- D. Store sensitive products in weather tight, climate controlled, enclosures in an environment favorable to product.
- E. For exterior storage of fabricated products, place on sloped supports above ground.
- F. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.
- G. Prevent contact with material that may cause corrosion, discoloration, or staining.
- H. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.

- I. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

### 3.3 SUBSTITUTION PROCEDURES

- 
- A. Requests for substitutions shall be submitted after Contract Award.
  - B. Document each request with complete data substantiating compliance of proposed substitution with Contract Documents.
  - C. A request for substitution constitutes a representation that the submitter:
    1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product.
    2. Will provide the same warranty for the substitution as for the specified product.
    3. Will coordinate installation and make changes to other Work that may be required for the Work to be complete with no additional cost to Owner.
    4. Waives claims for additional costs or time extension that may subsequently become apparent.
    5. Will reimburse Owner and Engineer for review or redesign services associated with re-approval by authorities.
  - D. Substitutions will not be considered when they are indicated or implied on shop drawing or product data submittals, without separate written request, or when acceptance will require revision to the Contract Documents.
  - E. Substitution Submittal Procedure:
    1. Submit three copies of request for substitution for consideration. Limit each request to one proposed substitution.
    2. Submit shop drawings, product data, and certified test results attesting to the proposed product equivalence. Burden of proof is on proposer.
    3. The Owner's Representative will notify Contractor in writing of decision to accept or reject request.

END OF SECTION

**Attachment B:**  
**Plan Sheet C5.5 Details 5, revised 7/7/2026**



**PARE CORPORATION**  
 1700 WASHINGTON STREET  
 PROVIDENCE, RHODE ISLAND 02903  
 TEL: 401-455-1100  
 FAX: 401-455-1101  
 WWW.PARECORP.COM

**ACTIVITAS**  
 CONSULTING ENGINEERS  
 100 WASHINGTON STREET  
 PROVIDENCE, RHODE ISLAND 02903  
 TEL: 401-455-1100  
 FAX: 401-455-1101  
 WWW.ACTIVITAS-RI.COM

SCALE: AS SHOWN  
 DATE: 01/20/2017  
 DRAWN BY: JLR  
 CHECKED BY: JLR  
 APPROVED BY: JLR  
 DRAWING TITLE: PRETREATMENT ROW DETAIL

**Pierce Memorial Stadium**  
**Athletic Improvements**  
 201 Mercer Street  
 East Providence, Rhode Island

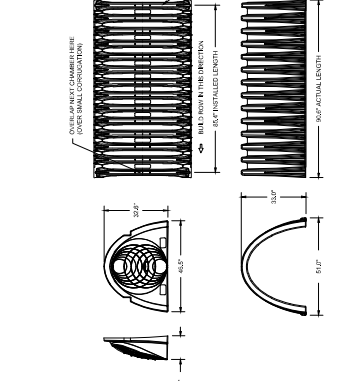
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 APPROVED BY: JLR  
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DATE: 01/20/2017  
 ADD: 01/20/17

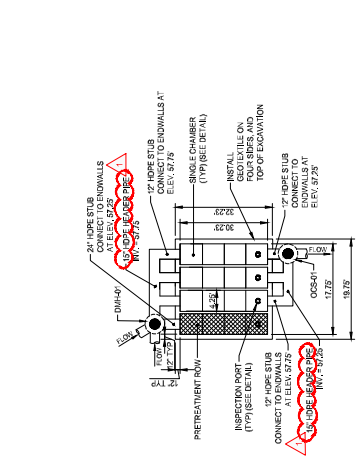
DETAILS 5

C5.5

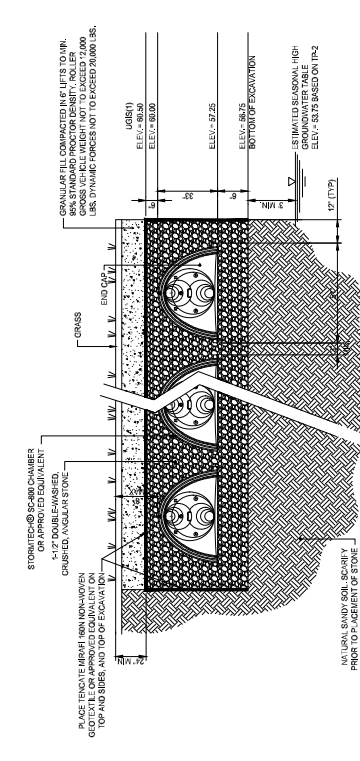
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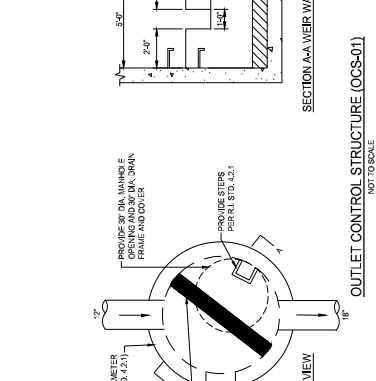
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 NOT TO SCALE



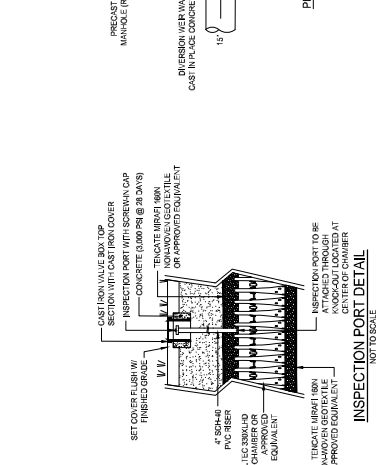
**UNDERGROUND INFILTRATION SYSTEM (UGIS-1) PLAN VIEW**  
 NOT TO SCALE



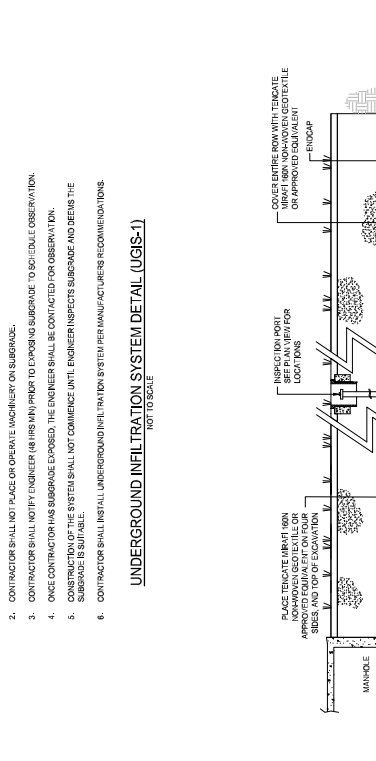
**PRETREATMENT ROW DETAIL**  
 NOT TO SCALE



**OUTLET CONTROL STRUCTURE (OCS-01) PLAN VIEW**  
 NOT TO SCALE

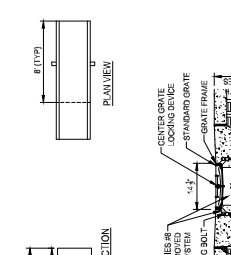


**INSPECTION PORT DETAIL**  
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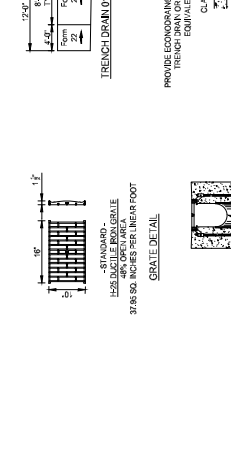


**UNDERGROUND INFILTRATION SYSTEM DETAIL (UGIS-1)**  
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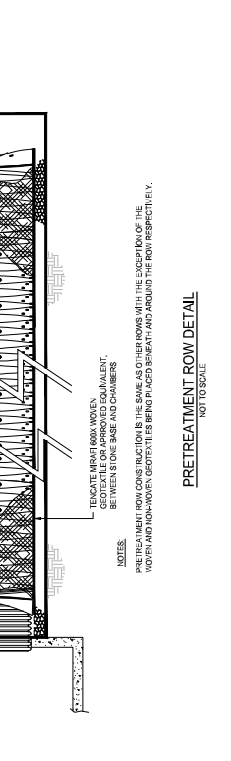
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4	0.00	0.00	13	13.00	13.00
5	0.00	0.00	14	14.00	14.00
6	0.00	0.00	15	15.00	15.00
7	0.00	0.00	16	16.00	16.00
8	0.00	0.00	17	17.00	17.00
9	0.00	0.00	18	18.00	18.00
10	0.00	0.00	19	19.00	19.00
11	0.00	0.00	20	20.00	20.00
12	0.00	0.00	21	21.00	21.00
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18	0.00	0.00	27	27.00	27.00
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20	0.00	0.00	29	29.00	29.00
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42	0.00	0.00	51	51.00	51.00
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46	0.00	0.00	55	55.00	55.00
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91	0.00	0.00	100	100.00	100.00



**TRENCH DRAIN 01 SECTION**  
 NOT TO SCALE



**OUTLET FROM END OF TRENCH**  
 NOT TO SCALE



**SECTION AAA WEIR WALL ELEVATION**  
 NOT TO SCALE

**NOTES:**

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- INSPECTION PORT TO BE LOCATED AT CENTER OF CHAMBER.
- TRENCH DRAIN AND GRATE SHALL BE RATED TO WITHSTAND HAS-LOADING CRITERIA.

**PRETREATMENT ROW DETAIL**  
 NOT TO SCALE

**INSPECTION PORT DETAIL**  
 NOT TO SCALE

**OUTLET FROM END OF TRENCH**  
 NOT TO SCALE

**TRENCH DRAIN 01 SECTION**  
 NOT TO SCALE

**OUTLET CONTROL STRUCTURE (OCS-01)**  
 NOT TO SCALE

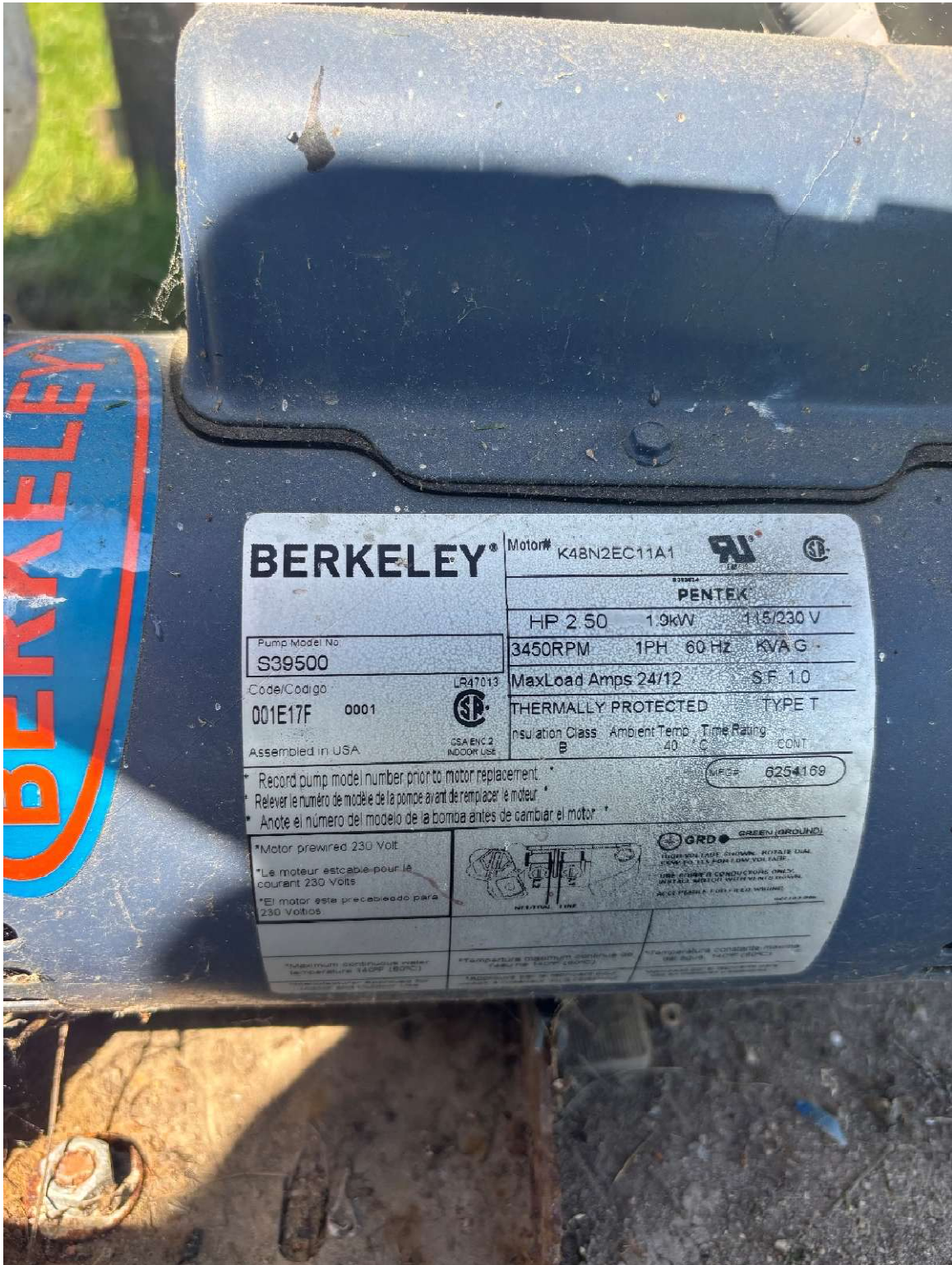
**INFILTRATION SYSTEM SINGLE CHAMBER DETAIL (IGIS-1) PLAN VIEW**  
 NOT TO SCALE

**UNDERGROUND INFILTRATION SYSTEM (UGIS-1) PLAN VIEW**  
 NOT TO SCALE

**UNDERGROUND INFILTRATION SYSTEM DETAIL (UGIS-1)**  
 NOT TO SCALE

**SECTION AAA WEIR WALL ELEVATION**  
 NOT TO SCALE

**Attachment C:  
Booster Pump Connection to Irrigation System Photos**






**McDonnell & Miller**  
 a xylem brand

**FLOW SWITCH No. FS4-3**

120 VAC 7.4 FLA 44.4 LRA  
 240 VAC 3.7 FLA 22.2 LRA  
 PILOT DUTY RATING: 125 VA @ 120/240 VAC  
 MAX PRESSURE 160 PSI  
 MAX TEMPERATURE 300°F  
 FOR FLUID ABOVE 180°F, USE WIRE RATED FOR AT  
 LEAST 75°C. USE COPPER WIRE ONLY.


 US 331N  
 LISTED FLOWSWITCH

265281 REW.30