

## TECHNICAL SPECIFICATION

### SCOPE OF WORK

INTRODUCTION: The intent of this project is to have the Contractor furnish and install the in ground piping, structures, and make the connections as indicated on the drawings and described below. It is JEA's intent to install the mechanical and electrical equipment and make the final influent and effluent connections. Provide material and perform the work in accordance with JEA's current standards. Armorock Polymer Concrete structures are **not** required.

JEA will:

- Provide power pole stabilization during construction as necessary
- Clear trees and mow grass at Richardson Rd.
- Coordinate with the pre-school concerning moving their fenced enclosure
- Obtain temporary construction easements as necessary at Rhode Island
- Provide final fenced enclosure

CONTRACTOR will:

7443 RICHARDSON Rd LS

Purchase and install:

- One 4-ft ID precast concrete manhole inside depth of 7-ft.
- One 4-ft ID precast concrete manhole inside depth of 8.7-ft.
- Approximately 360-ft of 8-in SDR-26 PVC gravity sewer pipe
- 6-in cut-in wye, 45° bend, 90° bend and plug valve w/blind flange at existing forcemain.
- One 6-ft diameter precast concrete wetwell with 4-in dia. pipe penetrations in the top slab; Inside depth 11.6' See WETWLL PLAN
- Provide a 36"x 48" 300PSF aluminum hatch with under hatch fall protection (Halliday)

7221 RHODE ISLAND Dr E LS

Purchase and install:

- Provide 6' X 4' inside dimensioned precast concrete "Dog House" wetwell inside depth of 10.5-ft., with 4-dia pipe sidewall penetrations (2' below Top), located as shown on the drawing. Approximate invert of existing 8" gravity at the wetwell is 2.00'. Set new 6" PVC gravity invert at elevation 3.5'. Do not cut the 8" gravity pipe.
- Provide a 30"x 48" H-20 aluminum hatch with under hatch fall protection (Halliday)

- 60-ft of 6" PVC SDR 26 Gravity sewer at 0.5% slope and a 4'- ID precast concrete manhole for future connections from the existing houses outlets. Outlet invert elevation approximately 3.8'. Do not make the connection at the houses.
- Approximately 100-ft of 4-in SDR 25 PVC forcemain. Connect to existing ACP forcemain and stub up at future valve station. Provide isolation valve w/valve box at force main connection.