

# SECTION 02642 - SMALL POLYETHYLENE NONPRESSURE PIPE (3-16 INCH)

## City of San Diego, CWP Guidelines

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NTS: This Section is coordinated with Section 02600 such that it requires inclusion of that Section in the Contract Document.

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### PART 1 -- GENERAL

#### 1.1 WORK OF THIS SECTION

- A. The WORK of this Section includes providing polyethylene plastic pipe, fittings and appurtenances, complete in place.

#### 1.2 RELATED SECTIONS

- A. The WORK of the following Sections applies to the WORK of this Section. Other Sections of the specifications, not referenced below, shall also apply to the extent required for proper performance of this WORK.

- 1. Section 02140 Dewatering
- 2. Section 02200 Earthwork
- 3. Section 02600 Pipeline Construction
- 4. Section 02730 Sanitary Sewerage System Testing
- 5. Section 03310 Cast-in-Place Sitework Concrete

#### 1.3 STANDARD SPECIFICATIONS

- A. Except as otherwise indicated in this Section of the Specifications, the CONTRACTOR shall comply with the Standard Specifications for Public Works Construction (SSPWC), as specified in Section 01090 - REFERENCE STANDARDS.

#### 1.4 SHOP DRAWINGS AND SAMPLES

- A. The following shall be submitted in compliance with Section 01300:
  - 1. Shop drawings and laying diagrams of all pipe, joints, bends, fittings, specials and appurtenances.
  - 2. Manufacturer's catalog data.
  - 3. A report indicating the results of tests performed on the pipe for dimensions and tolerances [and pressure test performance].

1.5 OWNER'S MANUAL

- A. The following shall be included in the OWNER'S MANUAL in compliance with Section 01300:
  - 1. Manufacturer's certification that all materials specified herein were manufactured, sampled and tested in accordance with the indicated ASTM Standards and have met the requirements of those standards.

**PART 2 -- PRODUCTS**

2.1 GENERAL

- A. All pipe and fittings furnished under this Section shall comply with SSPWC subsection 207-19, and shall conform to the requirements of ASTM [F 714] [D3350] and ASTM [D2683] [D3261].

Station	Size of Pipe	Minimum Ring
From                      To	(inches)	Stiffness ClassRSC
[                      ]	[                      ]	[                      ]

**PART 3 -- EXECUTION**

3.1 INSTALLATION

- A. Pipes and fittings shall be installed as per recommendations of the manufacturer, Section 02600, and as specified in SSPWC subsection 207-19.6.

3.2 TESTING

- A. Pipe shall be tested in compliance with Section 02730.

\*\* END OF SECTION \*\*