

B. ACCESS HATCH

The existing manhole hatch on Eugene Drive tank is not consistent with current OSHA regulations and shall be replaced with a new manhole hatch with a diameter of 24 inches. In addition to the existing manhole, a second manhole hatch must be installed on the opposite side of the tank. The two hatches must be identical and shop drawings must be presented to the Engineer prior to installation. Refer to AWWA D100 and American Petroleum Institute Standard 650 for details and design requirements.

C. LEVEL AND TELEMETRY EQUIPMENT

This equipment does not require any work under this Contract. However, Contractor is required to protect the equipment during the time work is being performed.

D. CATHODIC PROTECTION

The Eugene Drive original tank installation was provided with a complete cathodic protection system. The water to be stored has the following average analysis:

EUGENE DRIVE STANDPIPE WATER ANALYSIS

PH	8.0	su
Alkalinity	96	ppm
Hardness	126	ppm
Calcium Hardness	113	ppm
Iron	0.02	ppm
Manganese	0.02	ppm
Color	<1	pcu
Turbidity	0.09	ntu
Fluoride	1.0	ppm
Residual Cl ₂	1.1	ppm
Orthophosphate	1.0	ppm
Conductivity	206	omhos/cm

The water for the tanks has fluoride added.

A new cathodic protection system shall be installed as part of this painting contract. System shall be designed and installed by:

Freeman Industries, Inc.
Dr. Jonathan Freeman
P.O. Box 10
Dorset, Ohio 44032

Project: Eugene Drive Tank Painting

Lead Abatement, Cleaning and
Painting Specifications