

New Bedford Regulator Specification Sheet

Regulator #: R-017D

Location: Ruth St. at E. Rodney French Blvd.

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (3)

Rim Elevation (ft City Datum): 4.2

Regulator Type: Fixed Weir

Overflow Height (ft or in): 16"

Rim to Top of Weir (ft): 7.2

Weir Dims (ft or in): Height: 16". Width and Length
Unknown

Influent pipe ø (in): 15, 6

Rim to Influent Invert (ft): 8.5, 7.5

Dry Weather Connection ø (in): 12 expands to 15

Rim to Dry Weather Invert (ft): 9.2

Overflow pipe ø (in): 12 expands to 15

Rim to Overflow Invert (ft): 8.5

Sensor Measurements

Block Present: No

Level Sensor Status: Metered

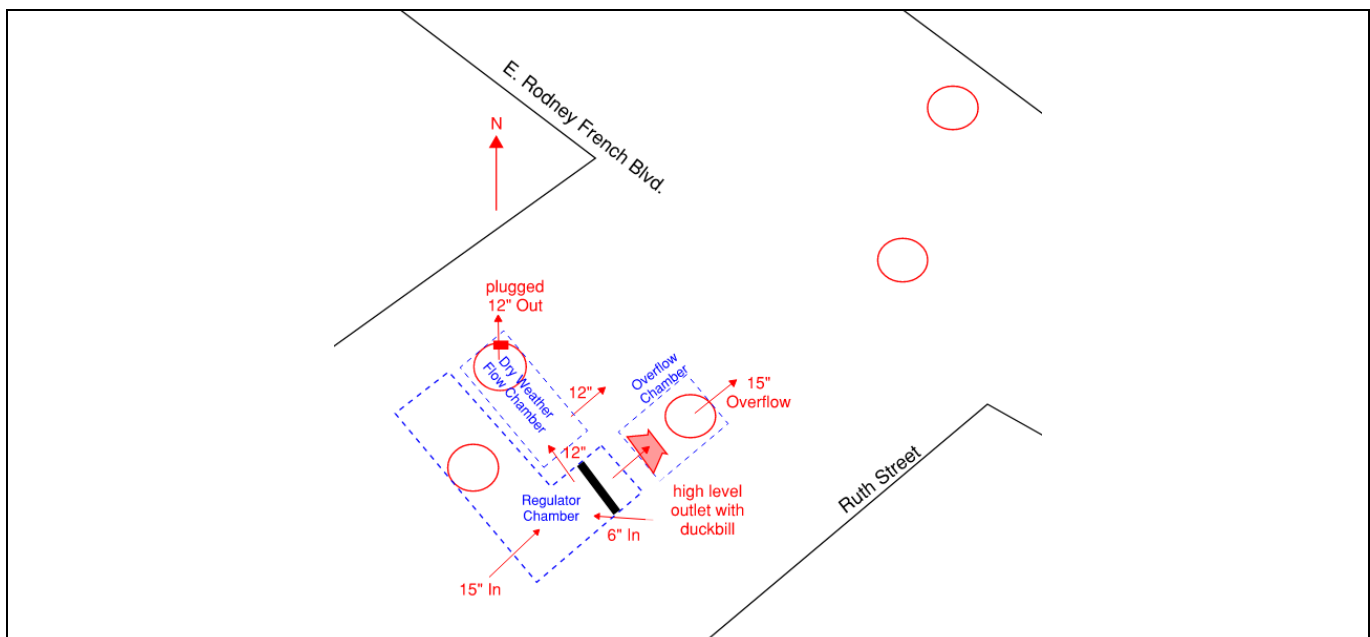
Sensor Installation Date: 2/17/2021

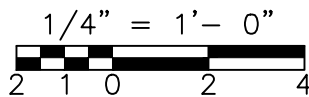
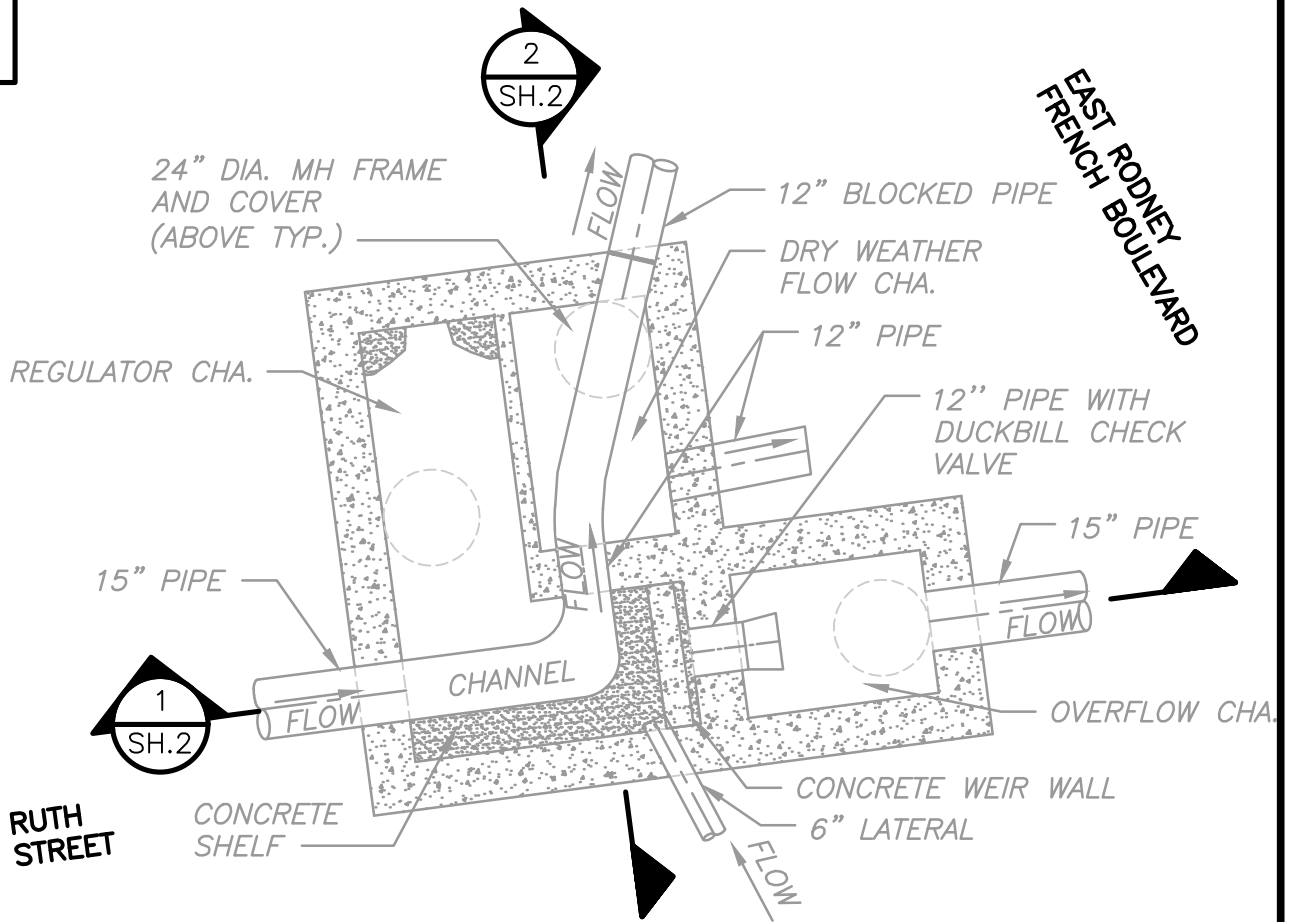
Intra-System Status: No

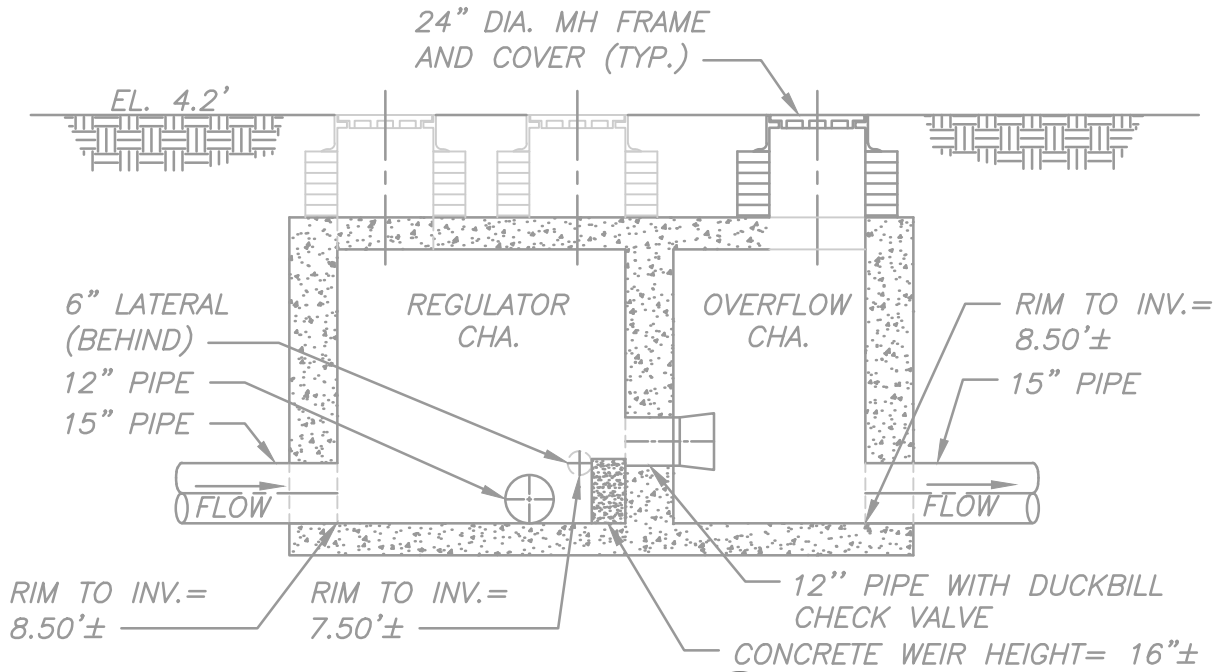
Tide Gate Status: Duckbill in overflow chamber

Notes: Redzone scanned only the inlet chamber in 2023. Other dimensions and elevations were taken from record drawing 2760 and fieldwork. Duckbill is present.

Location Sketch:





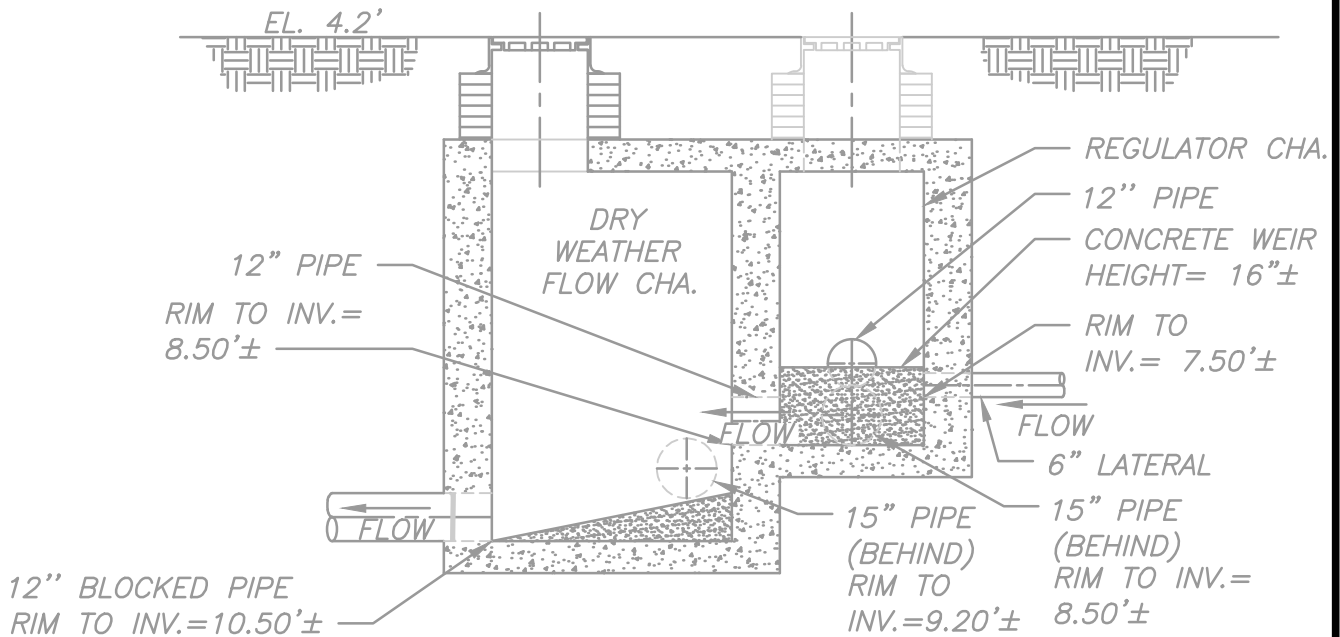


SECTION

1/4" = 1'-0"

1

SH.1



SECTION

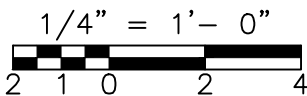
1/4" = 1'-0"

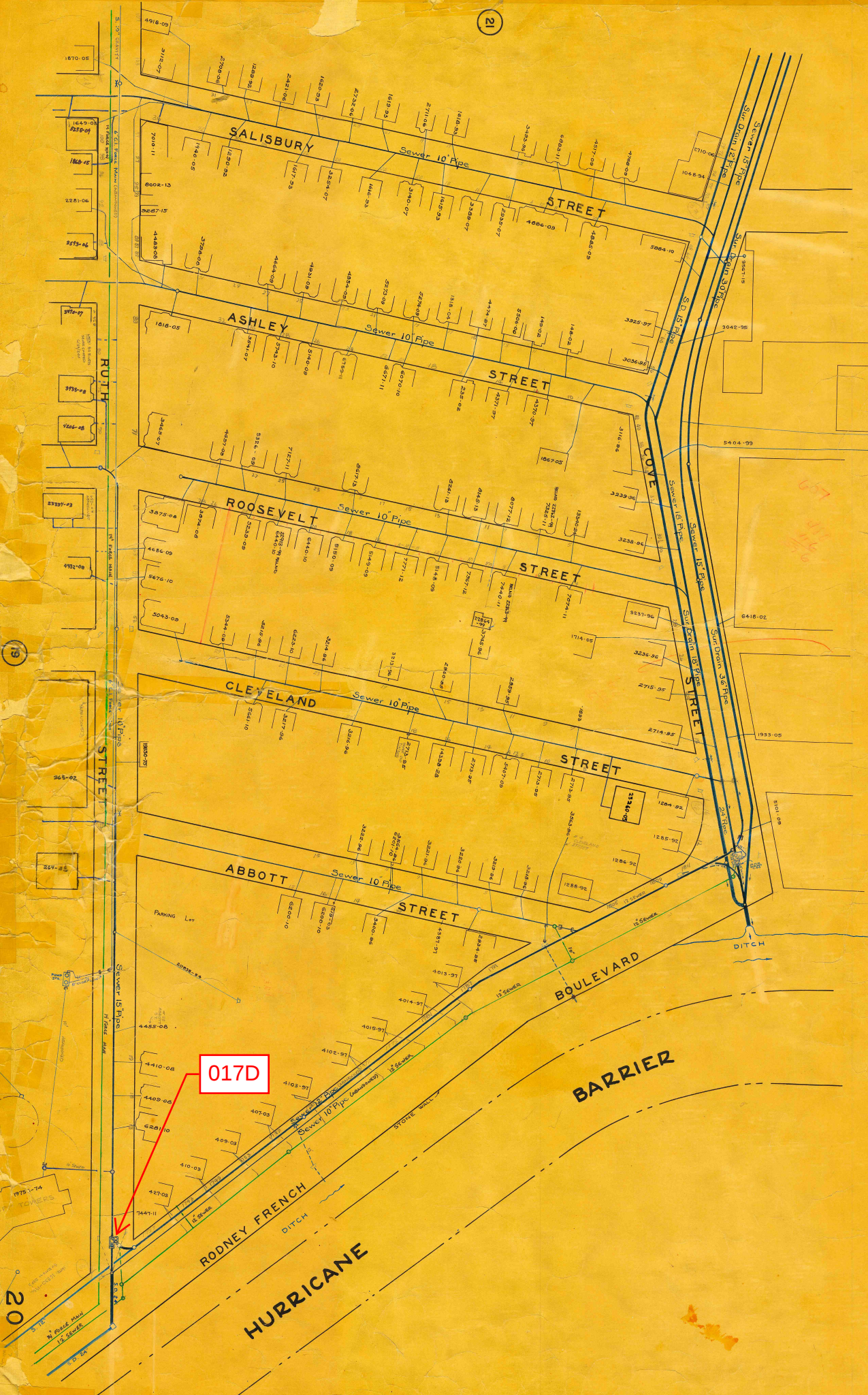
2

SH.1

NOTE:

ELEVATIONS SHOWN ARE IN NEW BEDFORD CITY DATUM.





017D

REGULATOR FIELD PHOTOS

Figure 1



Figure 2



Figure 3



Descriptions:

Figure 1: Inside of R-017D Regulator Chamber. Inlet visible and old float mechanism.

Figure 2: Inside of R-017D Regulator Chamber. Weir and tidal infiltration are visible. The overflow pipe is on the other side of the weir.

Figure 3: Aerial location with arrow pointing to corresponding manhole drawn in red.