

New Bedford Regulator Specification Sheet

Regulator #: R-013A

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

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (3)

Rim Elevation (ft City Datum): 7.1

Regulator Type: High Level Outlet

Overflow Height (ft or in): 0.9'

Rim to Top of Weir (ft): 6.2

Weir Dims (ft or in): 24x18 Opening 0.9' above inlet elevation

Influent pipe ø (in): 15

Rim to Influent Invert (ft): 7.1

Dry Weather Connection ø (in): 15

Rim to Dry Weather Invert (ft): 8.2

Overflow pipe ø (in): 15

Rim to Overflow Invert (ft): 6.5

Sensor Measurements

Block Present: Yes

Level Sensor Status: Metered

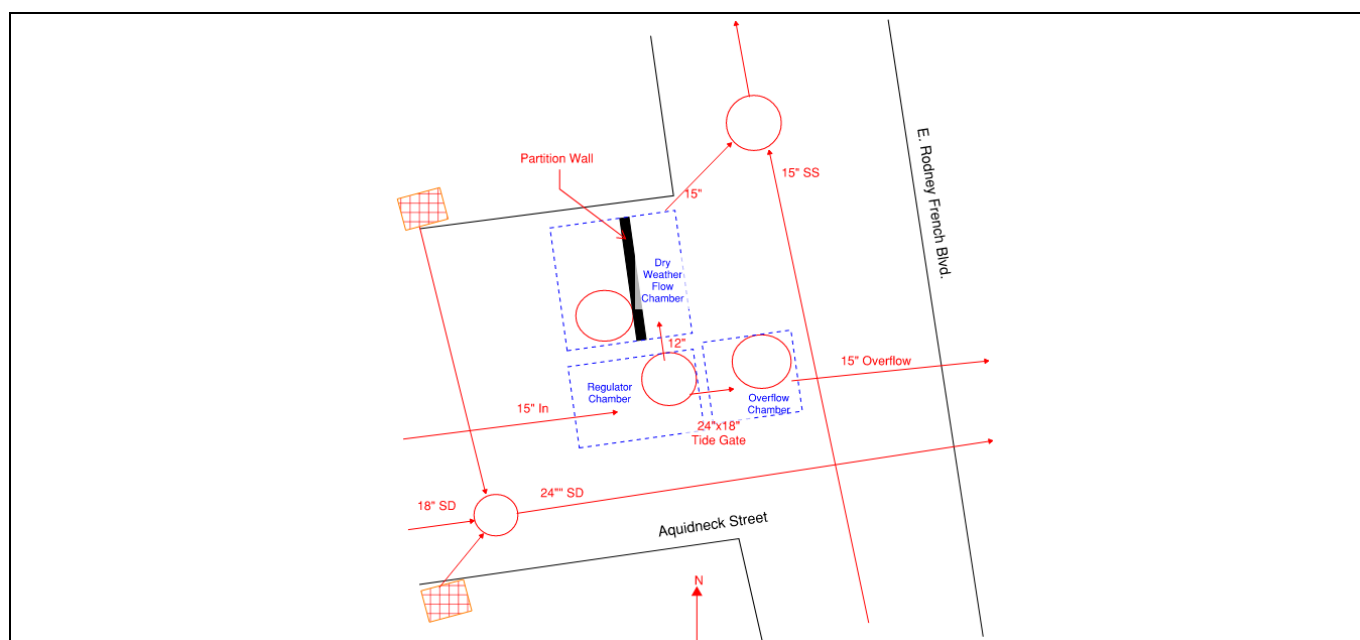
Sensor Installation Date: 2/18/2021

Intra-System Status: No

Tide Gate Status: Wooden flap gate in good condition

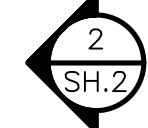
Notes: Only the inlet chamber was scanned by Redzone in 2023. Other dimensions and elevations were estimated from record drawing-6639A ROD FR BLVD. Tide gate is in good condition, see Figures 1 and 2. It is possible the overflow is blocked further downstream of this structure.

Location Sketch:





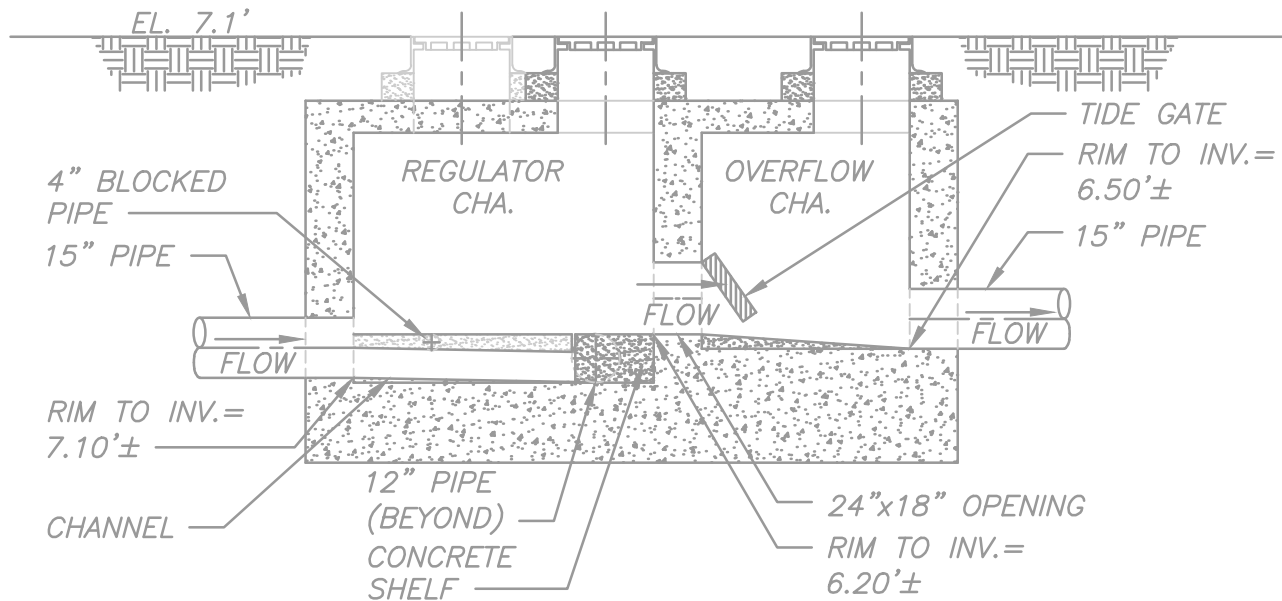
Chemical structure of Naphthalene-1,5-dione, showing a naphthalene ring system with carbonyl groups at positions 1 and 5.



$1/4'' = 1' - 0''$



**CDM
Smith**

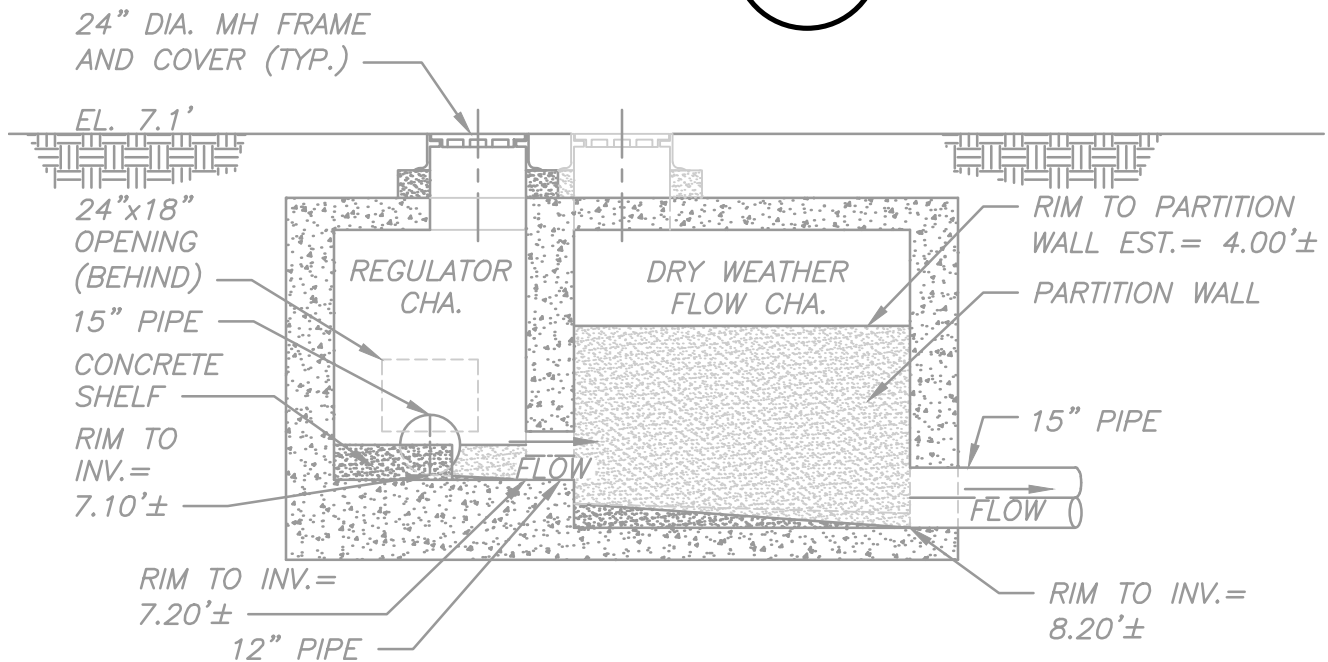


SECTION

1/4" = 1'-0"

1

SH.1



SECTION

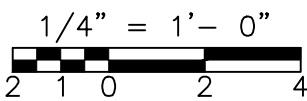
1/4" = 1'-0"

2

SH.1

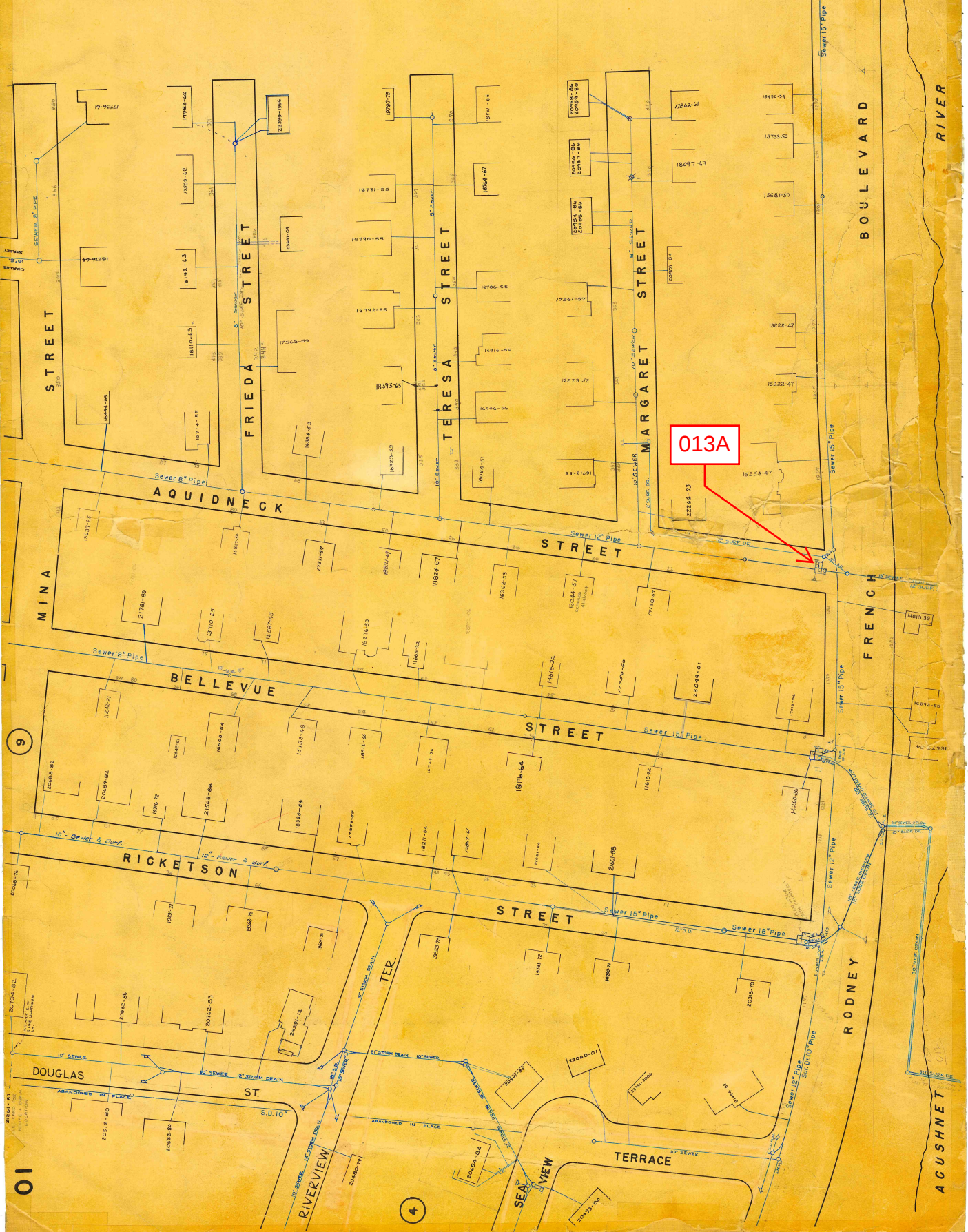
NOTES:

1. ELEVATIONS SHOWN ARE IN NEW BEDFORD CITY DATUM.
2. ONLY REGULATOR CHAMBER SCANNED IN 2023.
OTHER DIMENSIONS ESTIMATED FROM RECORD
DRAWING SEE 6639A - ROD FR BLVD.



11

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013A

REGULATOR FIELD PHOTOS

Figure 1



Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-013A Regulator Chamber. Inflow, dry weather flow, and overflow visible.

Figure 2: Inside of R-013A Overflow Chamber. Tide gate visible.

Figure 3: Location of manhole facing east at east end of Aquidneck Street.

Figure 4: Aerial location with arrow pointing to corresponding manhole.