

New Bedford Regulator Specification Sheet

Regulator #: R-018A

Location: Cove St. and E. Rodney French Blvd.

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (3)

Rim Elevation (ft City Datum): 3.7

Regulator Type: High Level Outlet

Overflow Height (ft or in): 0.8'

Rim to Top of Weir (ft): 6

Weir Dims (ft or in): 12" pipe 0.8' above inlet elevation

Influent pipe ø (in): 18

Rim to Influent Invert (ft): 6.3

Dry Weather Connection ø (in): 12

Rim to Dry Weather Invert (ft): 7.9

Overflow pipe ø (in): 12 expands to 18

Rim to Overflow Invert (ft): 6.4

Sensor Measurements

Block Present: No

Level Sensor Status: Not Metered

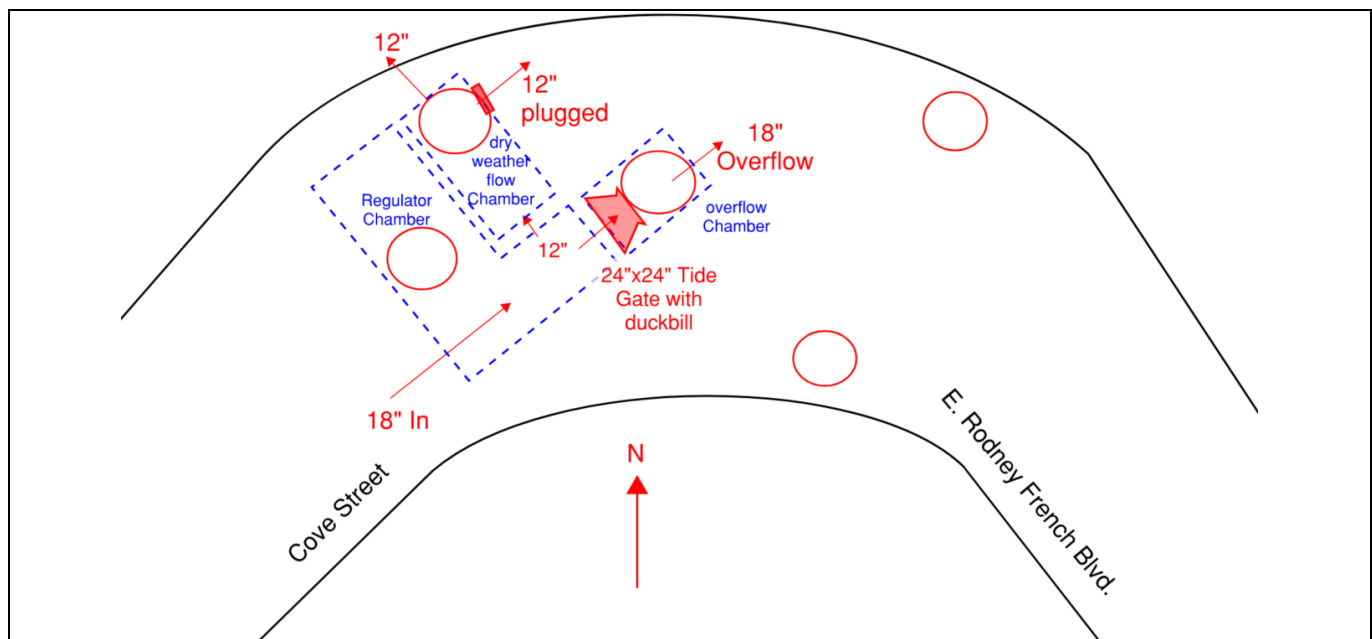
Sensor Installation Date: n/a

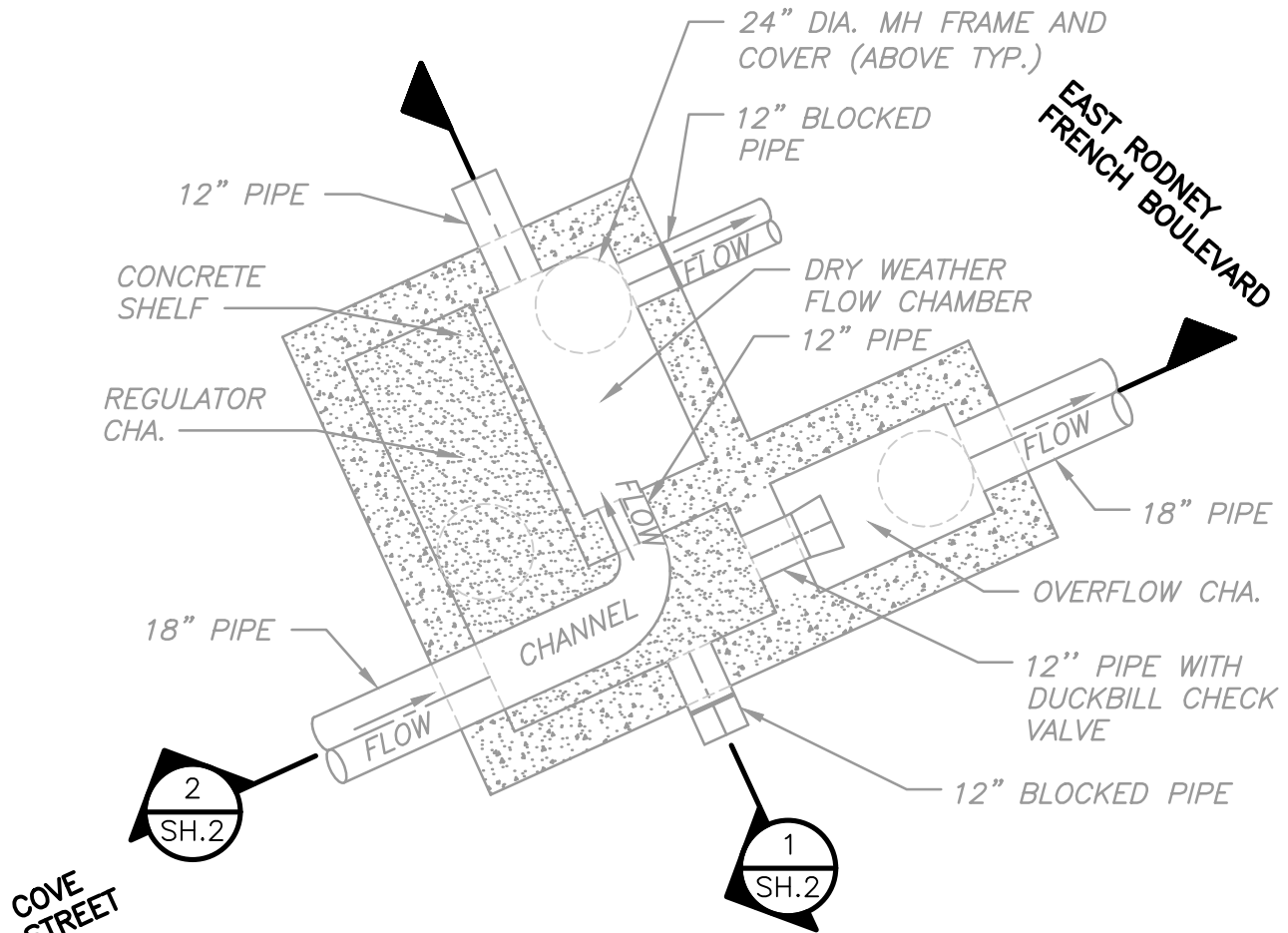
Intra-System Status: No

Tide Gate Status: Duckbill in overflow chamber

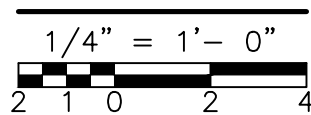
Notes: Other dimensions and elevations were taken from Redzone scan of inlet chamber, 2025 field visit, and record drawings-B-636 Sheet 5 and 2761. This structure receives overflow from R-018A. Manholes in this area do not align with any record drawings.

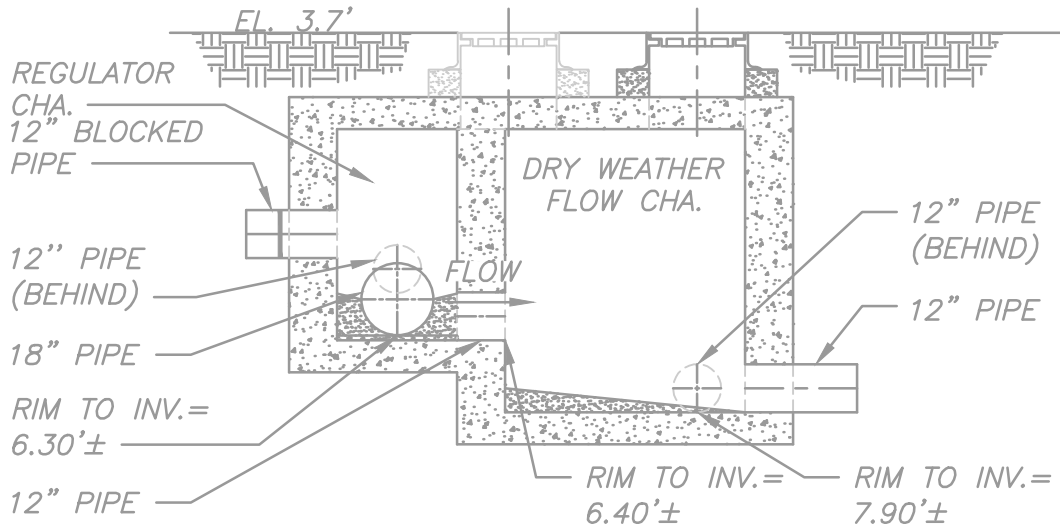
Location Sketch:



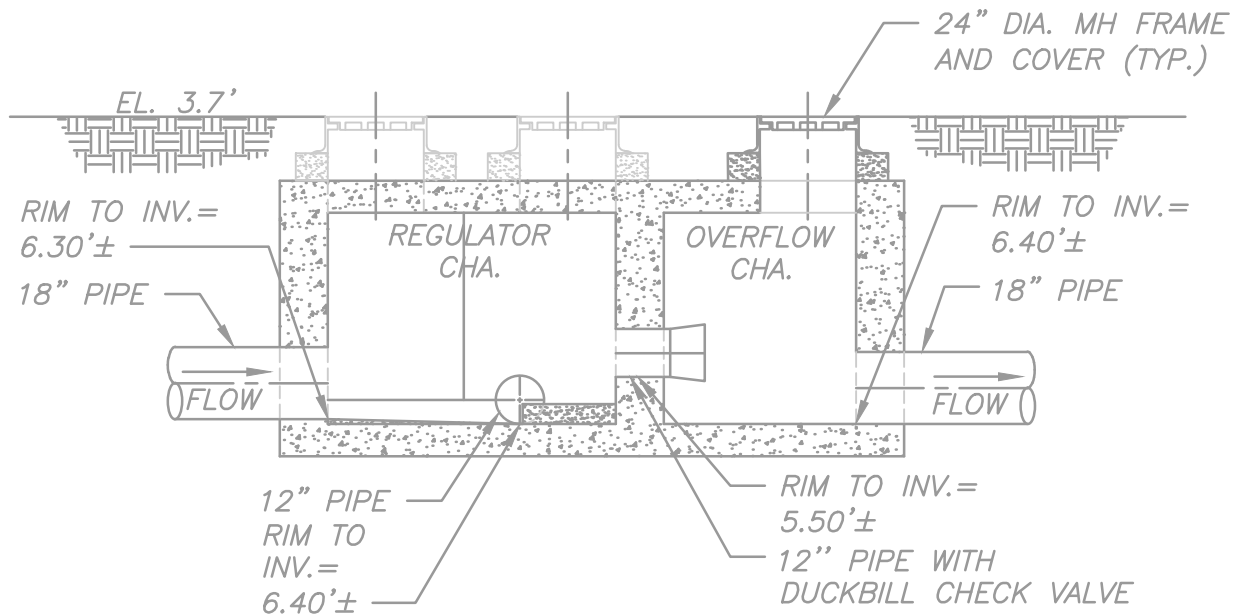


PLAN

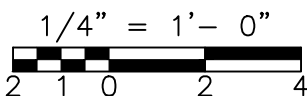




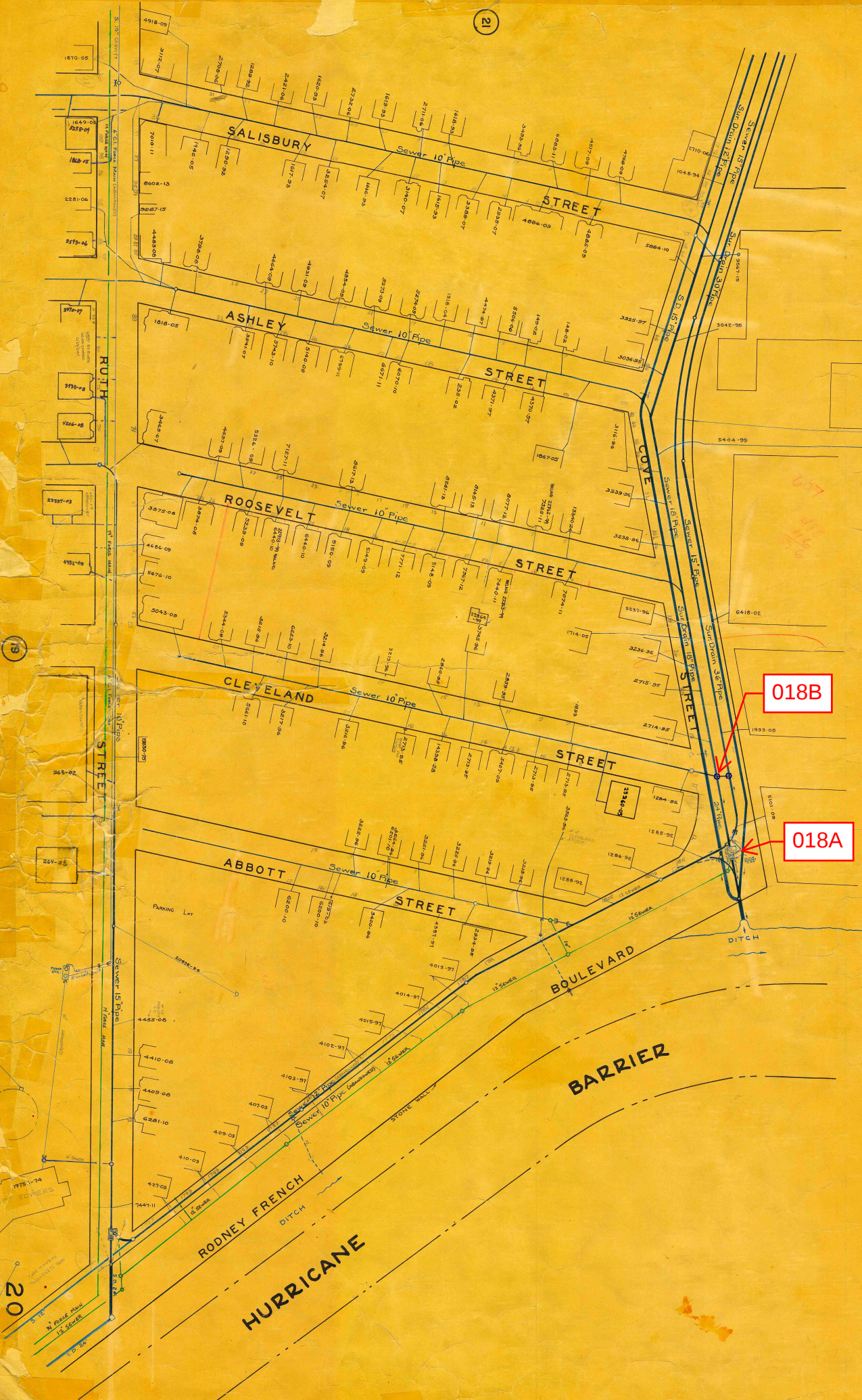
SECTION 1
1/4" = 1'-0" SH.1



SECTION 2
1/4" = 1'-0" SH.1



NOTE:
ELEVATIONS SHOWN ARE IN NEW BEDFORD CITY DATUM.



REGULATOR FIELD PHOTOS

Figure 1



Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-018A. Inflow visible.

Figure 2: Location of manhole facing west along Cove Street.

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

Figure 4: Inside Overflow Chamber of R-018A. Duckbill check valve visible.