

New Bedford Regulator Specification Sheet

Regulator #: R-004B

Location: Cove Rd at Orchard St.

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (3)

Rim Elevation (ft City Datum): 6.3

Regulator Type: Fixed Weir

Overflow Height (ft or in): 34"

Rim to Top of Weir (ft): 7.7

Weir Dims (ft or in): Length: 58", Width: 7"-33", Height: 34"

Influent pipe ø (in): 48

Rim to Influent Invert (ft): 10.5

Dry Weather Connection ø (in): 18

Rim to Dry Weather Invert (ft): 11.1

Overflow pipe ø (in): 48

Rim to Overflow Invert (ft): 10.7

Sensor Measurements

Block Present: Yes

Level Sensor Status: Metered

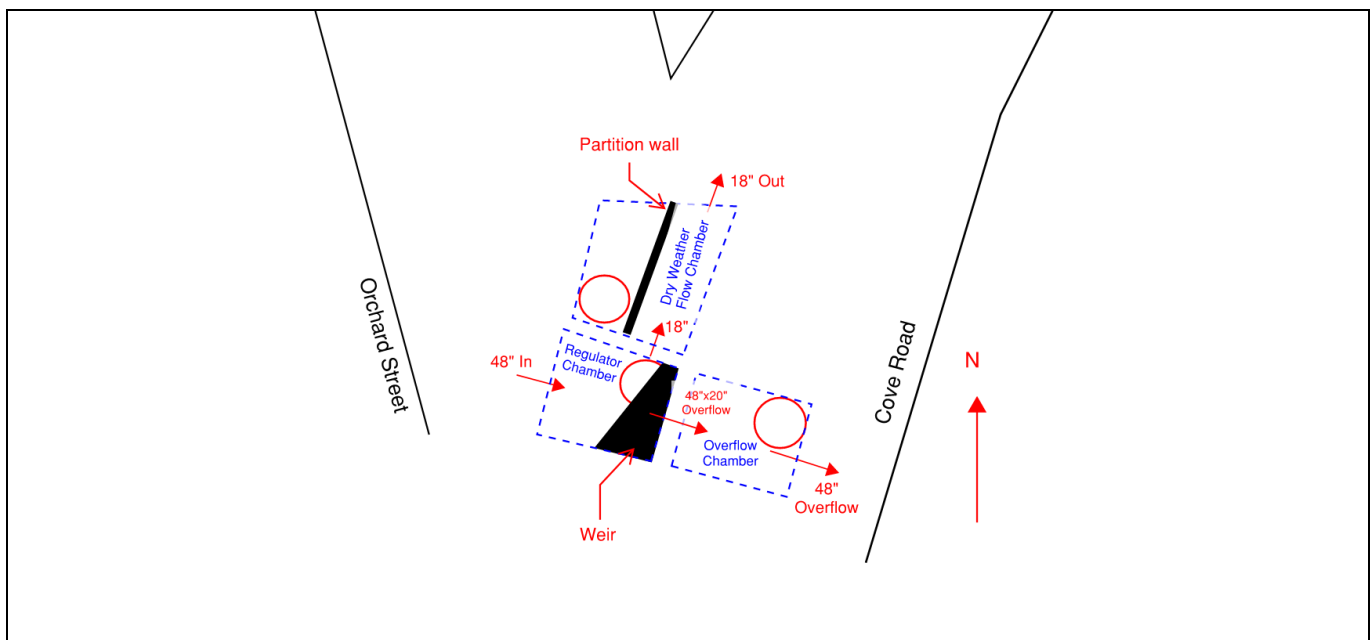
Sensor Installation Date: 10/15/2020

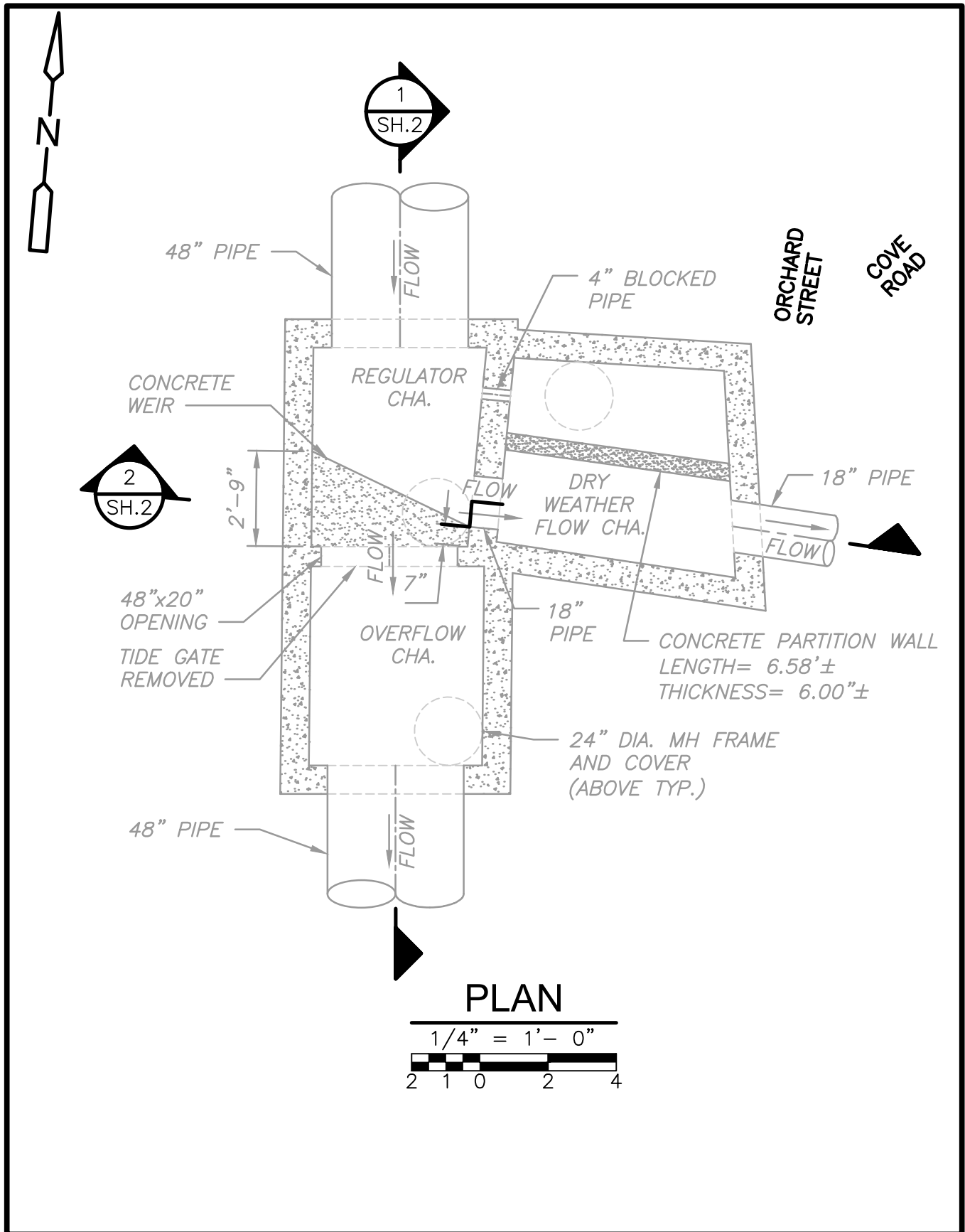
Intra-System Status: Yes

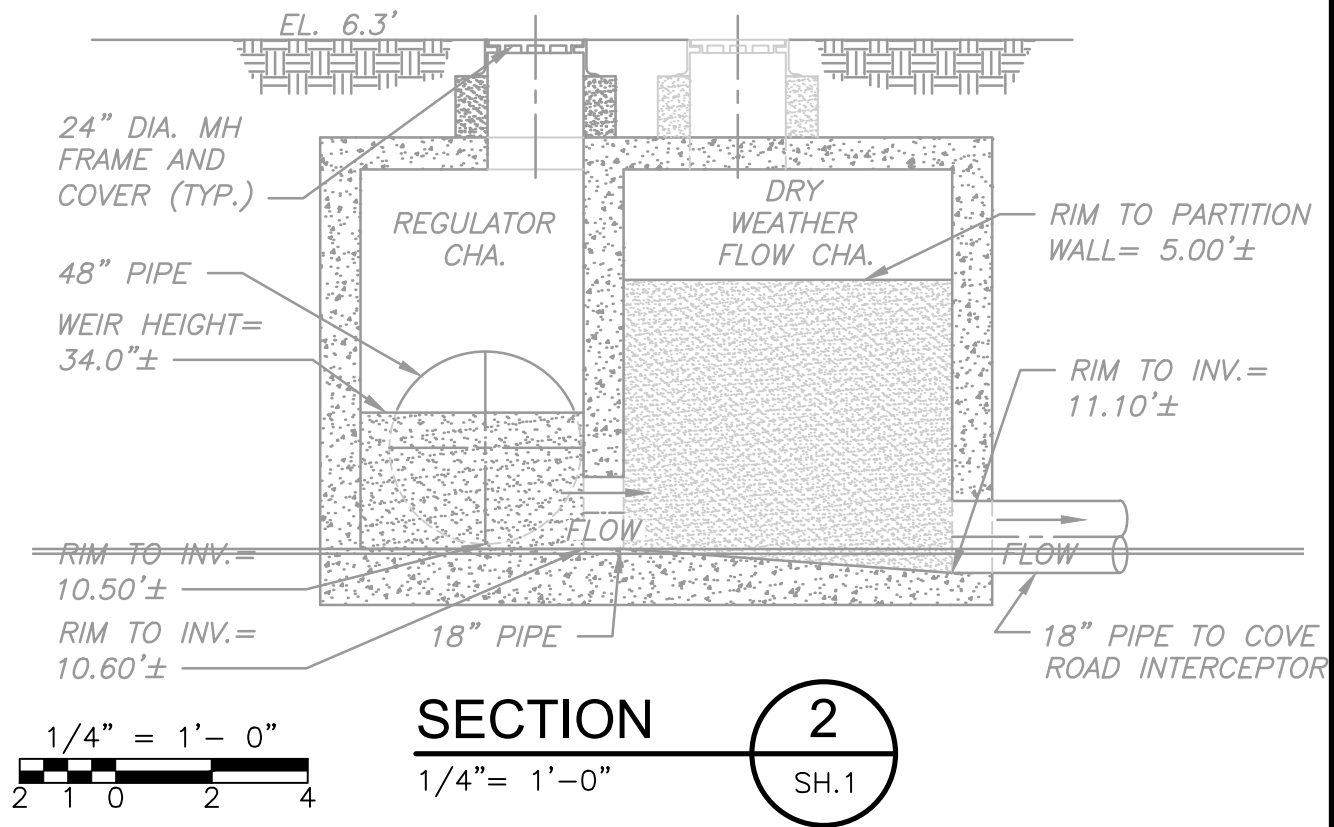
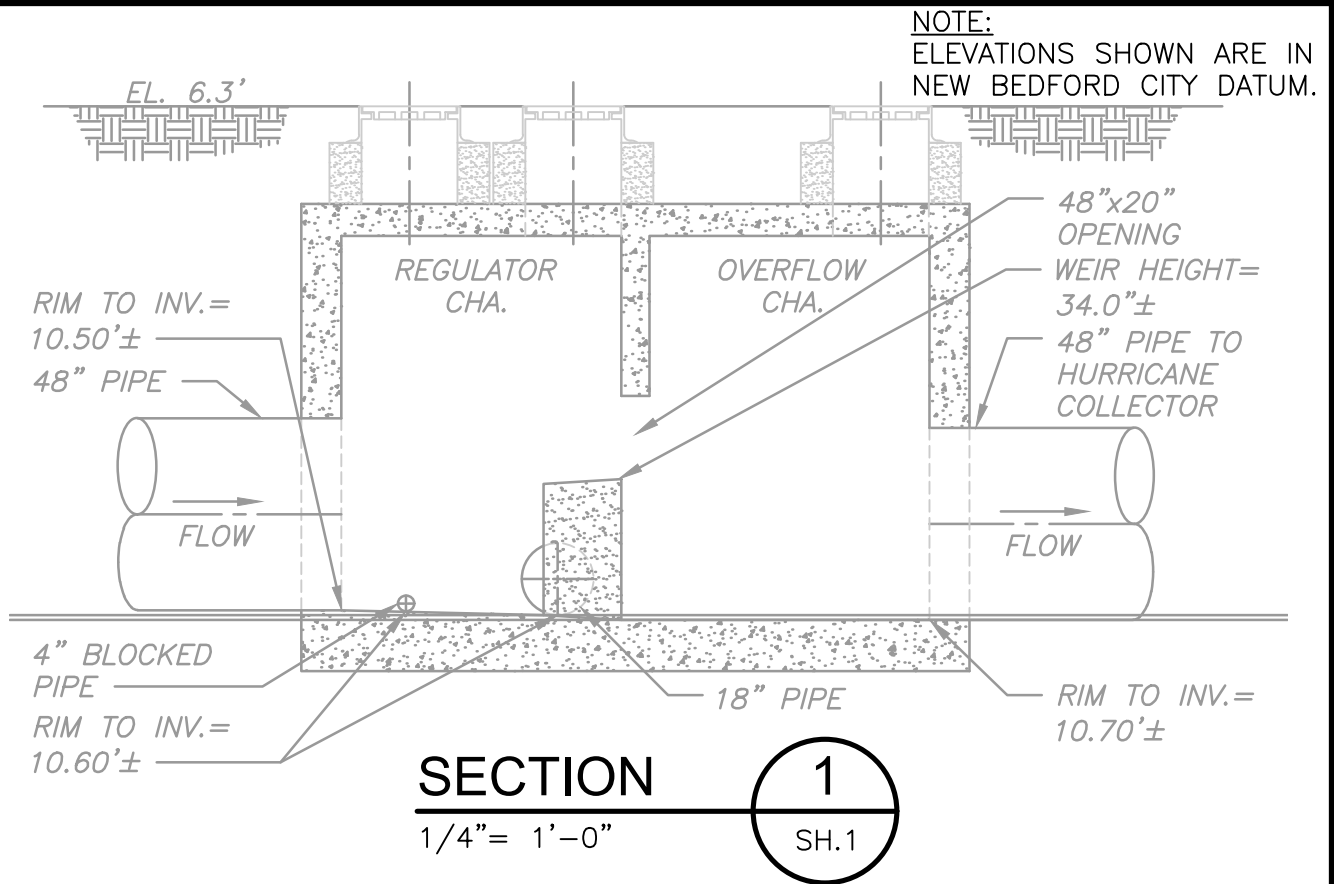
Tide Gate Status: None

Notes: Tide gate no longer needed. Controlled by pump station. Block is in the correct location.

Location Sketch:









004B

REGULATOR FIELD PHOTOS

Figure 1



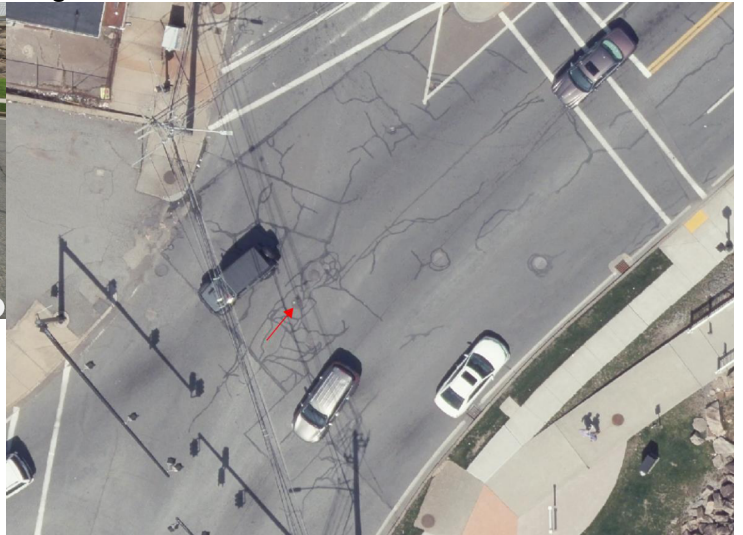
Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-004B Regulator Chamber. Outflow, weir, and overflow visible.

Figure 2: Inside of R-004B Tide Gate Chamber. Weir visible.

Figure 3: Location of manhole. Google Earth snapshot facing east along Cove Road.

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