

New Bedford Regulator Specification Sheet

Regulator #: R-004A

Location: Cove Rd at Rockdale Ave.

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (3)

Rim Elevation (ft City Datum): 6.6

Regulator Type: Fixed Weir

Overflow Height (ft or in): 23"

Rim to Top of Weir (ft): 6.25

Weir Dims (ft or in): Length: 53", Width: 5", Height: 23"

Influent pipe ø (in): 10, 10

Rim to Influent Invert (ft): 7.8

Dry Weather Connection ø (in): 18

Rim to Dry Weather Invert (ft): 8.7

Overflow pipe ø (in): 18

Rim to Overflow Invert (ft): 8.5

Sensor Measurements

Block Present: Yes

Level Sensor Status: Metered

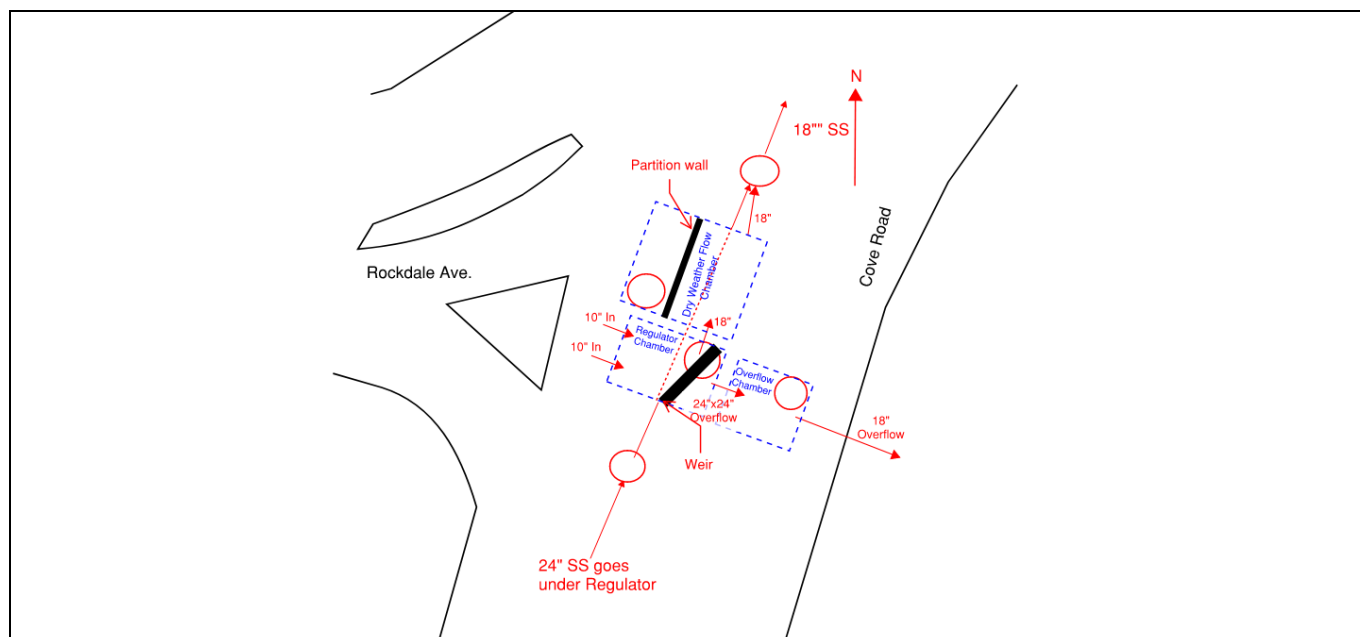
Sensor Installation Date: 10/15/2020

Intra-System Status: Yes

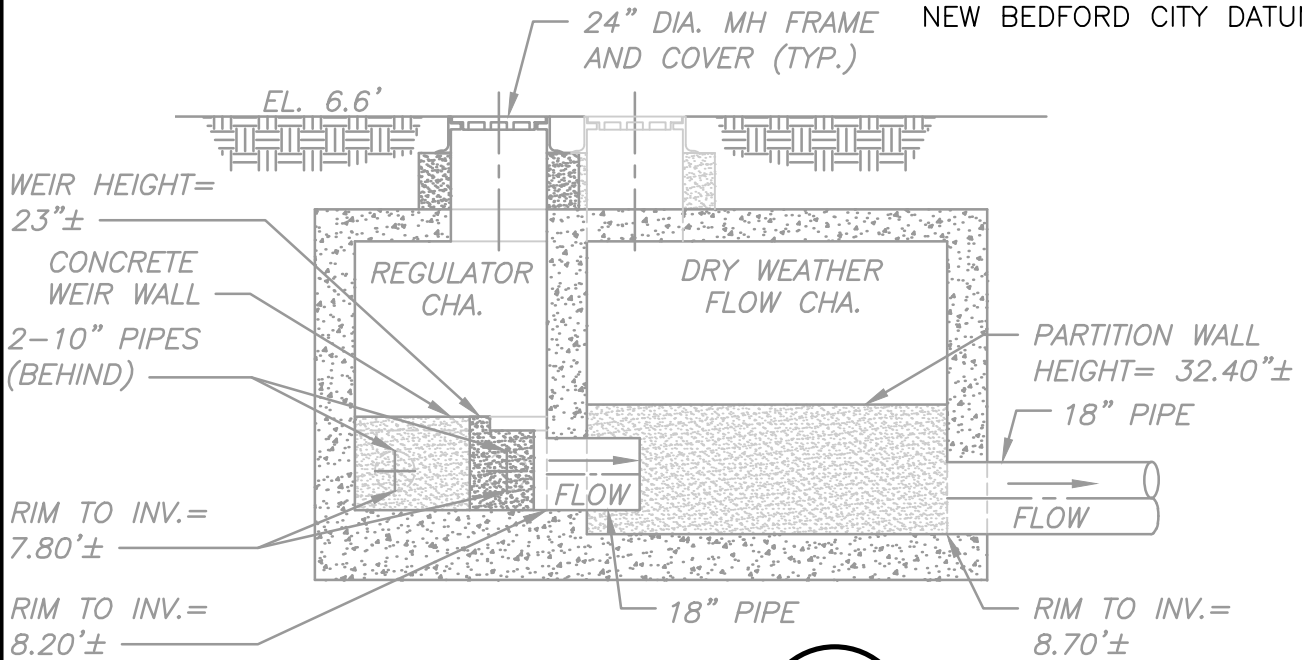
Tide Gate Status: None

Notes: The 18" dry weather outlet connects to 24" pipe running underneath regulator chamber down cove road (P8176). The 4" pipe connecting Inlet Chamber and Old Float Chamber is blocked by a wooden plug and buried by sediment. Tide gate was knocked off its hinges sometime between 2020 and 2025, see Figure 2. Cove Rd. used to be called Brock Ave.

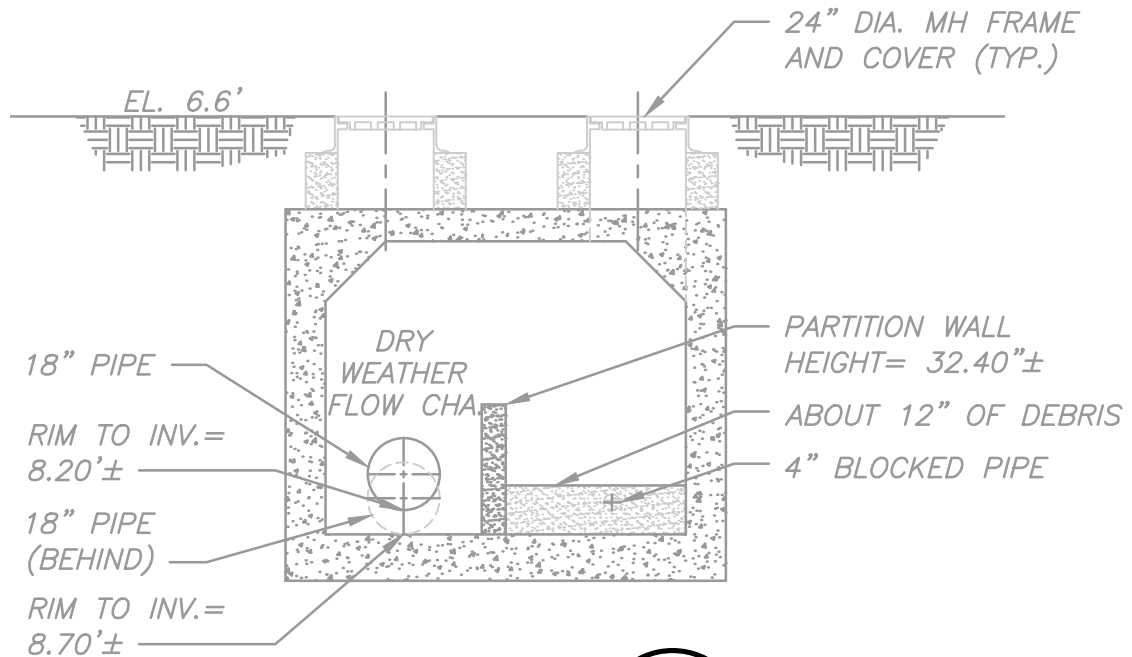
Location Sketch:



NOTE:
ELEVATIONS SHOWN ARE IN
NEW BEDFORD CITY DATUM.



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



SECTION 3
1/4" = 1'-0"
SH.1

1/4" = 1'-0"
2 1 0 2 4



004A

REGULATOR FIELD PHOTOS

Figure 1



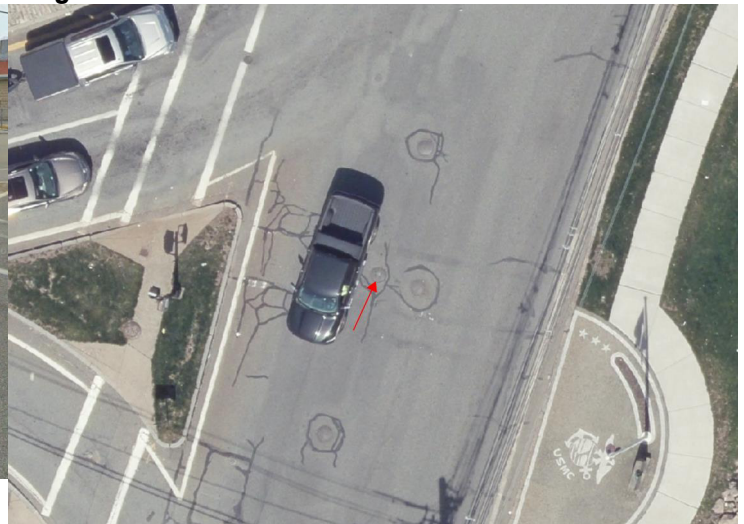
Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-004A Regulator Chamber. Two inlets, the dry weather outlet, and weir are visible. The overflow outlet tide gate has been knocked down and is partially visible in neighboring overflow chamber.

Figure 2: Inside of R-004A Overflow Chamber. Knocked over tide gate and sand visible.

Figure 3: Location of manhole facing south on Cove Rd.

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