

New Bedford Regulator Specification Sheet

Regulator #: R-031C

Location: Howland St. and S. Second St.

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (2)

Rim Elevation (ft City Datum): 7.4

Regulator Type: Fixed Weir

Overflow Height (ft or in): 1.25'

Rim to Top of Weir (ft): 5

Weir Dims (ft or in): Length: 7.08', Width: 3", Height:

1.25' above inlet elevation

Influent pipe ø (in): 36

Rim to Influent Invert (ft): 6.25

Dry Weather Connection ø (in): 28"x28" to 24"

Rim to Dry Weather Invert (ft): 6.6

Overflow pipe ø (in): 36

Rim to Overflow Invert (ft): 11.5

Sensor Measurements

Block Present: Yes

Level Sensor Status: Metered

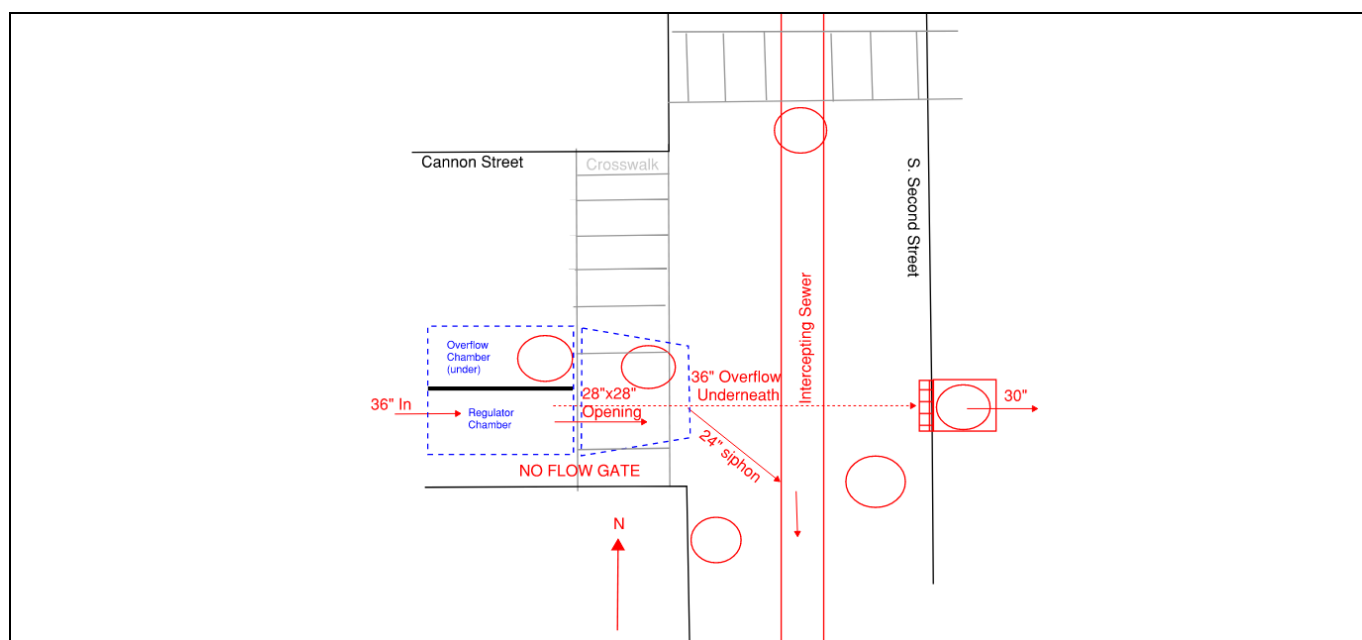
Sensor Installation Date: 8/15/2022

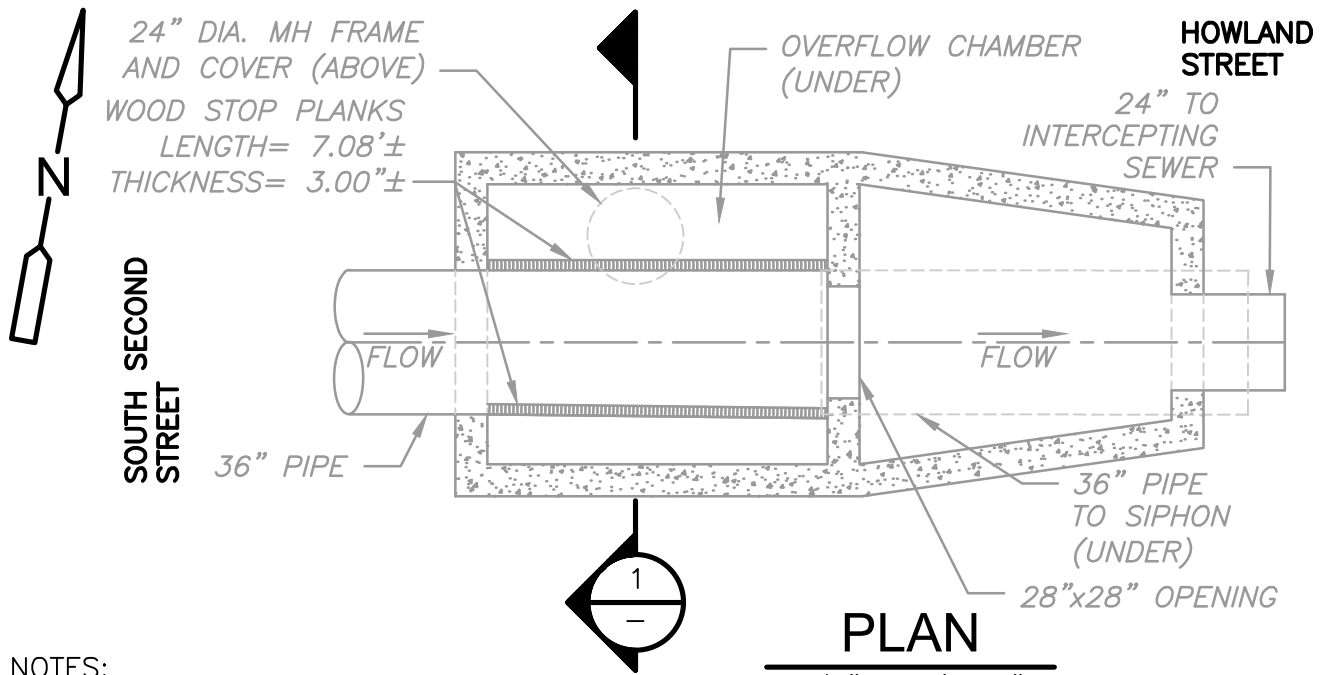
Intra-System Status: No

Tide Gate Status: None

Notes: Standing water was observed in overflow chamber during dry weather to 7' from rim during 2023 Redzone scan. Record drawing 8183 used to estimate submerged pipe dimensions. Manhole needs cleaning. Tide gate fell off hinges.

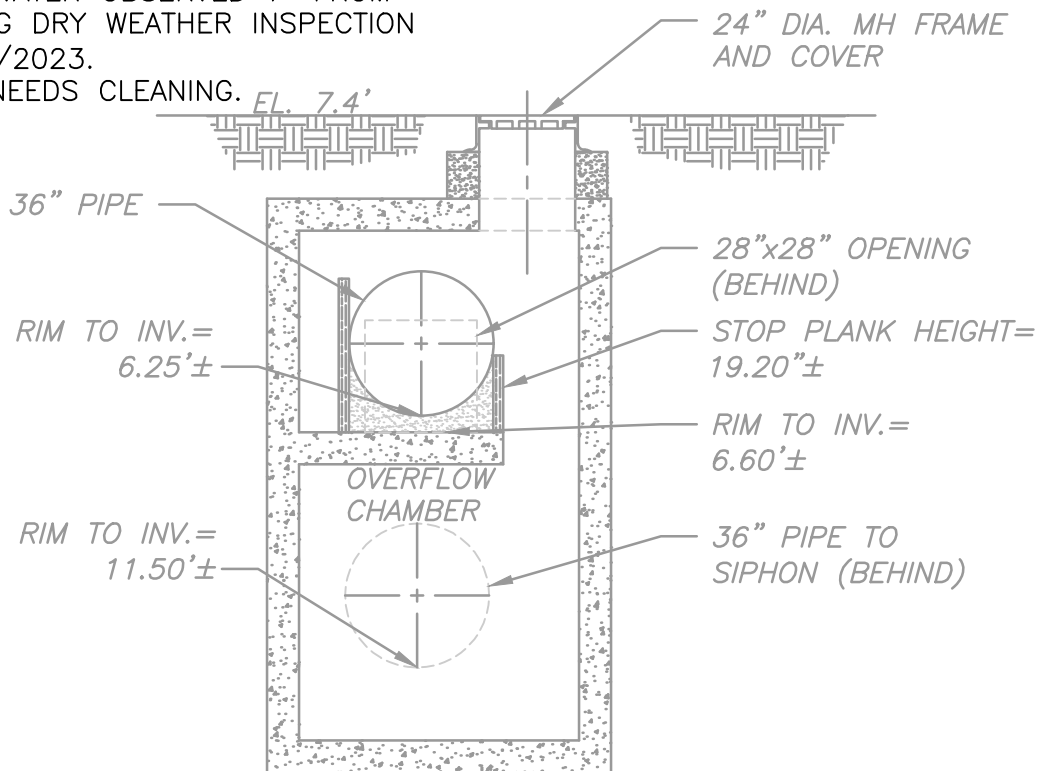
Location Sketch:





NOTES:

1. ELEVATIONS SHOWN ARE IN NEW BEDFORD CITY DATUM.
2. STANDING WATER OBSERVED 7' FROM RIM DURING DRY WEATHER INSPECTION ON 12/14/2023.
3. MANHOLE NEEDS CLEANING.



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64

64



REGULATOR FIELD PHOTOS

Figure 1



Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-031C. Weir, overflow chamber, and dry weather flow visible.

Figure 2: Inside of R-031C. Dry weather connection visible.

Figure 3: Location of manhole, facing southeast towards the school.

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