New Bedford Regulator Specification Sheet

Regulator #: R-035C

Location: Acushnet Ave.

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (3)

Rim Elevation (ft City Datum): 9.8

Regulator Type: Fixed Weir

Overflow Height (ft or in): 0.9'

Rim to Top of Weir (ft): 14.6

Weir Dims (ft or in): Length: ~5', Height: 0.9' above invert elevation

Influent pipe ⌀ (in): 48

Rim to Influent Invert (ft): 15.5

Dry Weather Connection ⌀ (in): 72

Rim to Dry Weather Invert (ft): 15.6

Overflow pipe ⌀ (in): 48" opening to 66" or 30"

Rim to Overflow Invert (ft): 16.2 (66"), 14.45 (30")

Sensor Measurements

Block Present: No

Level Sensor Status: Not Metered

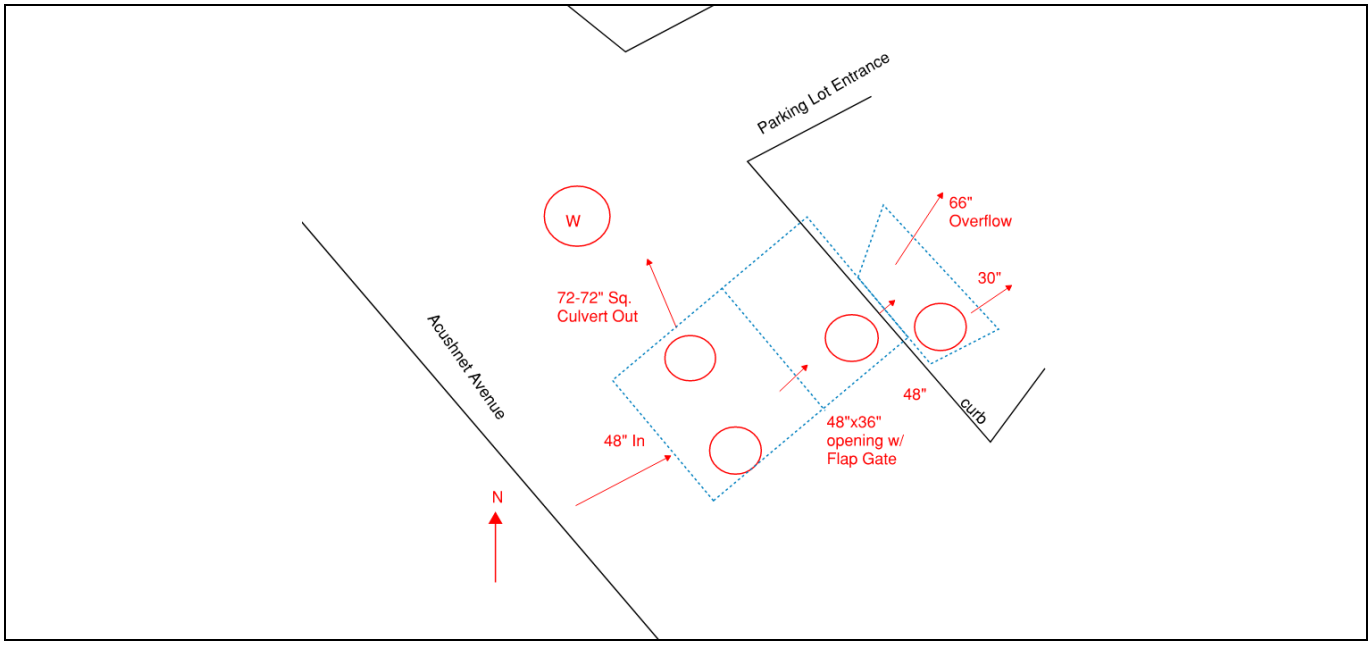
Sensor Installation Date: n/a

Intra-System Status: No

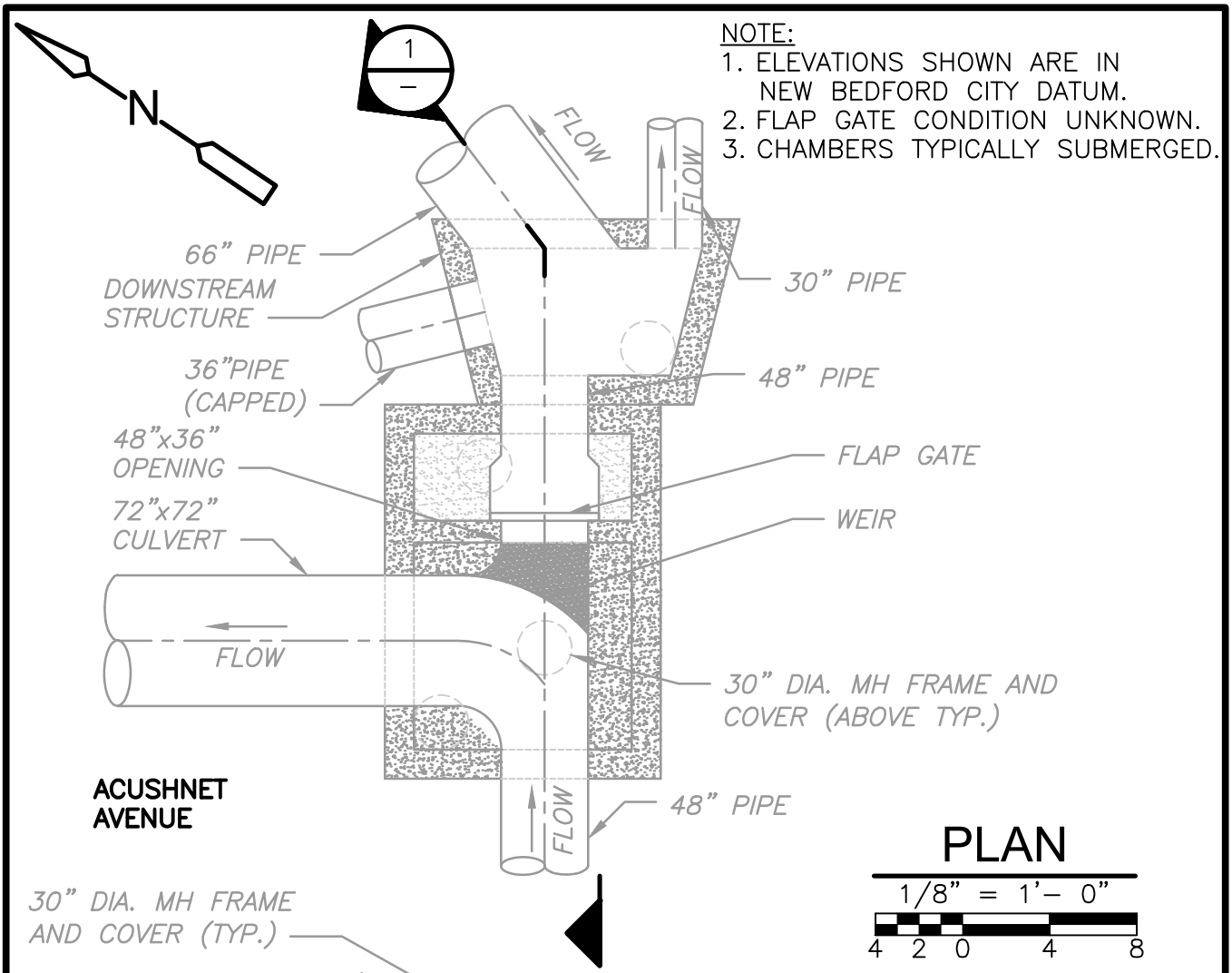
Tide Gate Status: Gate Condition Unknown

Notes: Standing water covered all pipes during scan and field visits. Pipe dimensions were taken from Railyard CSO Project record drawings (sheets 4, 13, and 14).

Location Sketch:



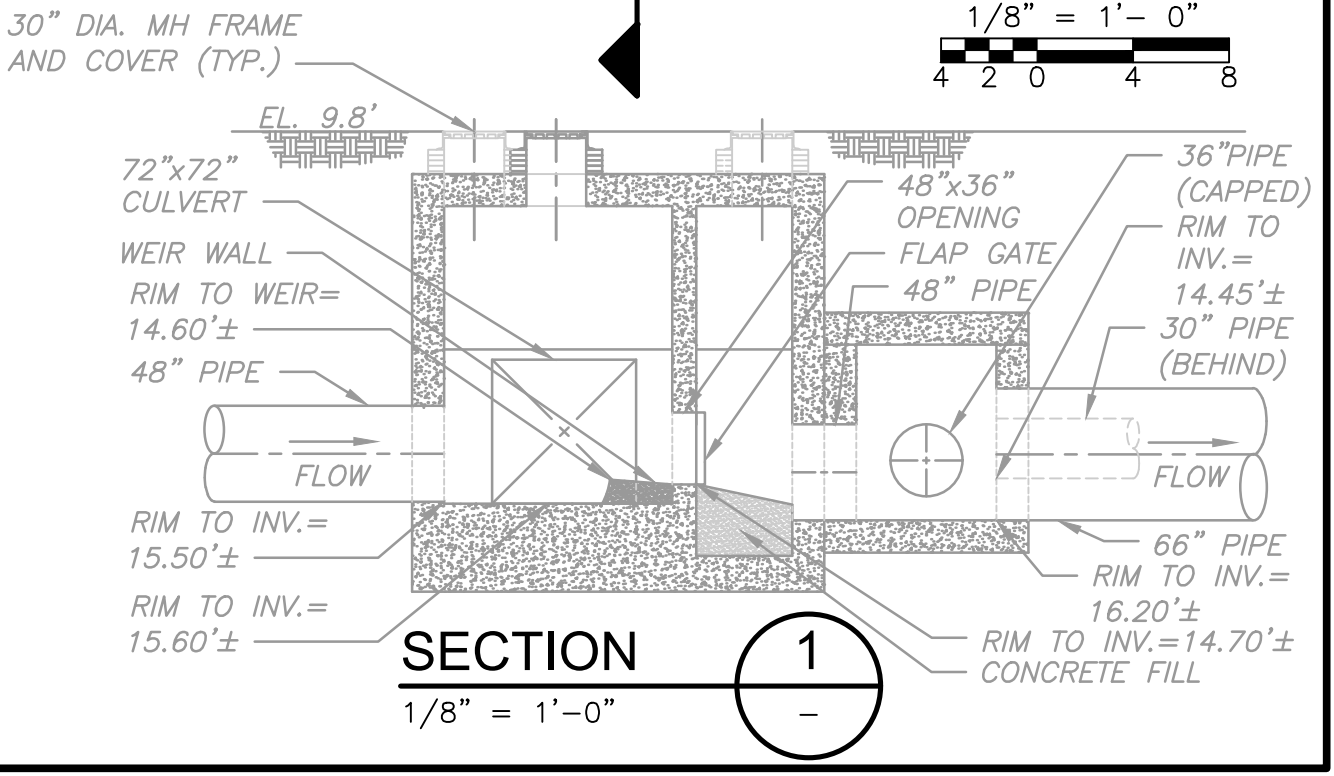
NOTE:
1. ELEVATIONS SHOWN ARE IN NEW BEDFORD CITY DATUM.
2. FLAP GATE CONDITION UNKNOWN.
3. CHAMBERS TYPICALLY SUBMERGED.



PLAN

1/8" = 1'– 0"

4 2 0 4 8



SECTION 1

1/8" = 1'–0"

CDM Smith

R-035C
ACUSHNET AVENUE
JUNE 2025


STATE
STREET
HILLMAN
FOSTER
STREET
MAXFIELD
SYCAMORE
STREET
CAMPBELL
STREET
PLEASANT
STREET
PURCHASE
STREET
FORMER S.M.U. BLDGS.
GLASER GLASS
STREET
CITY HALL ANNEX
STREET
RAMP
DOWNTOWN
CONNECTOR
(SOUTH)
DOWNTOWN
CONNECTOR
(NORTH)
AVENUE
ACUSHNET
RELOCATED
035C
HERMAN
MELVILLE
BOULEVARD
94
95
96
80
95-A

REGULATOR FIELD PHOTOS

Figure 1

Figure 2

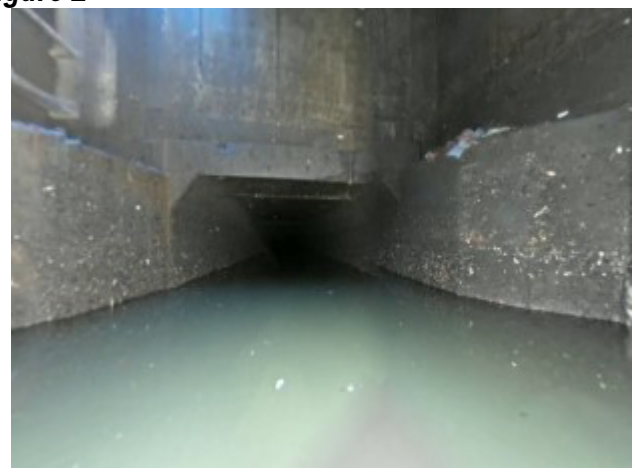


Figure 3

Figure 4

Descriptions:

Figure 1: Inside of R-035C. 48-inch inlet pipe visible.

Figure 2: Inside of R-035C. 72x72-inch outlet pipe visible.

Figure 3: Google Earth snapshot facing north on Acushnet Avenue. Manhole marked in red.

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