

New Bedford Regulator Specification Sheet

Regulator #: R-027B

Location: Ohio St. and Acushnet Ave.

Date: 6/25/25

Structure Measurements

Structure Type: Single manhole

Rim Elevation (ft City Datum): 27.2

Regulator Type: Fixed Weir

Overflow Height (ft or in): 2.1-2.3'

Rim to Top of Weir (ft): 10.3 to 10.5

Weir Dims (ft or in): Length: 4.83', Width: 4", Height: 2.1-2.3'

Influent pipe ø (in): 22, 6

Rim to Influent Invert (ft): 12.6, 4.75

Dry Weather Connection ø (in): 18

Rim to Dry Weather Invert (ft): 12.6

Overflow pipe ø (in): 20

Rim to Overflow Invert (ft): 12.4

Sensor Measurements

Block Present: Yes

Level Sensor Status: Not Metered

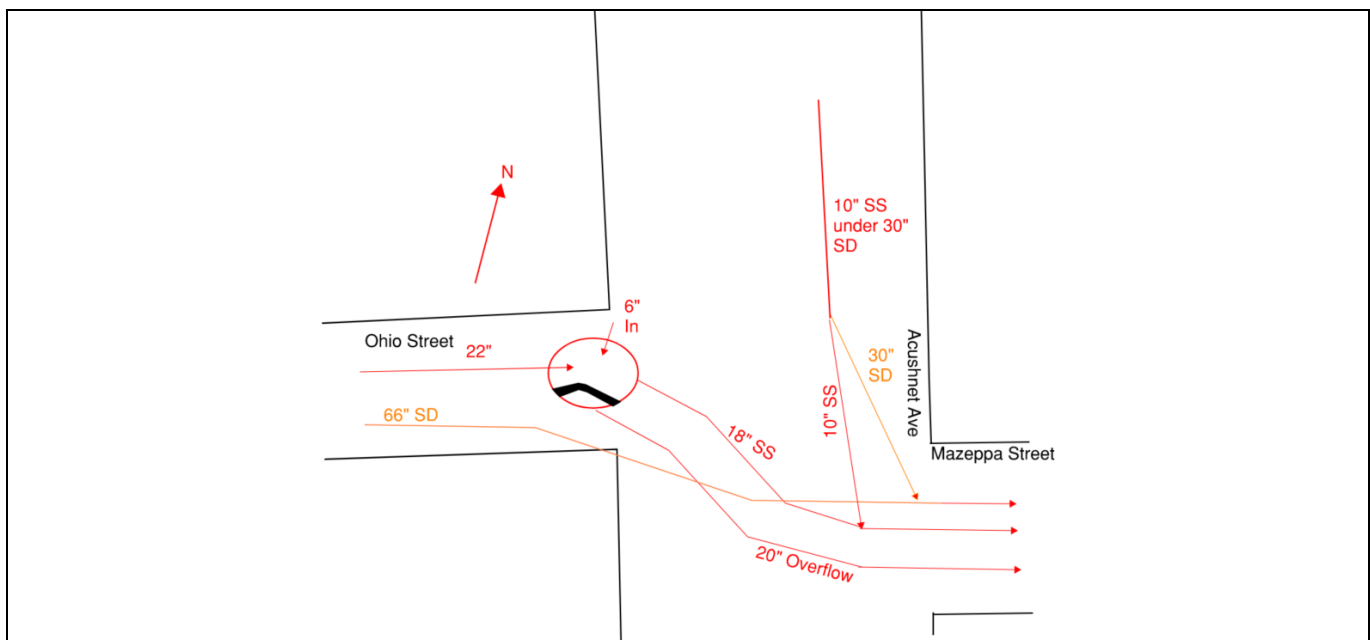
Sensor Installation Date: n/a

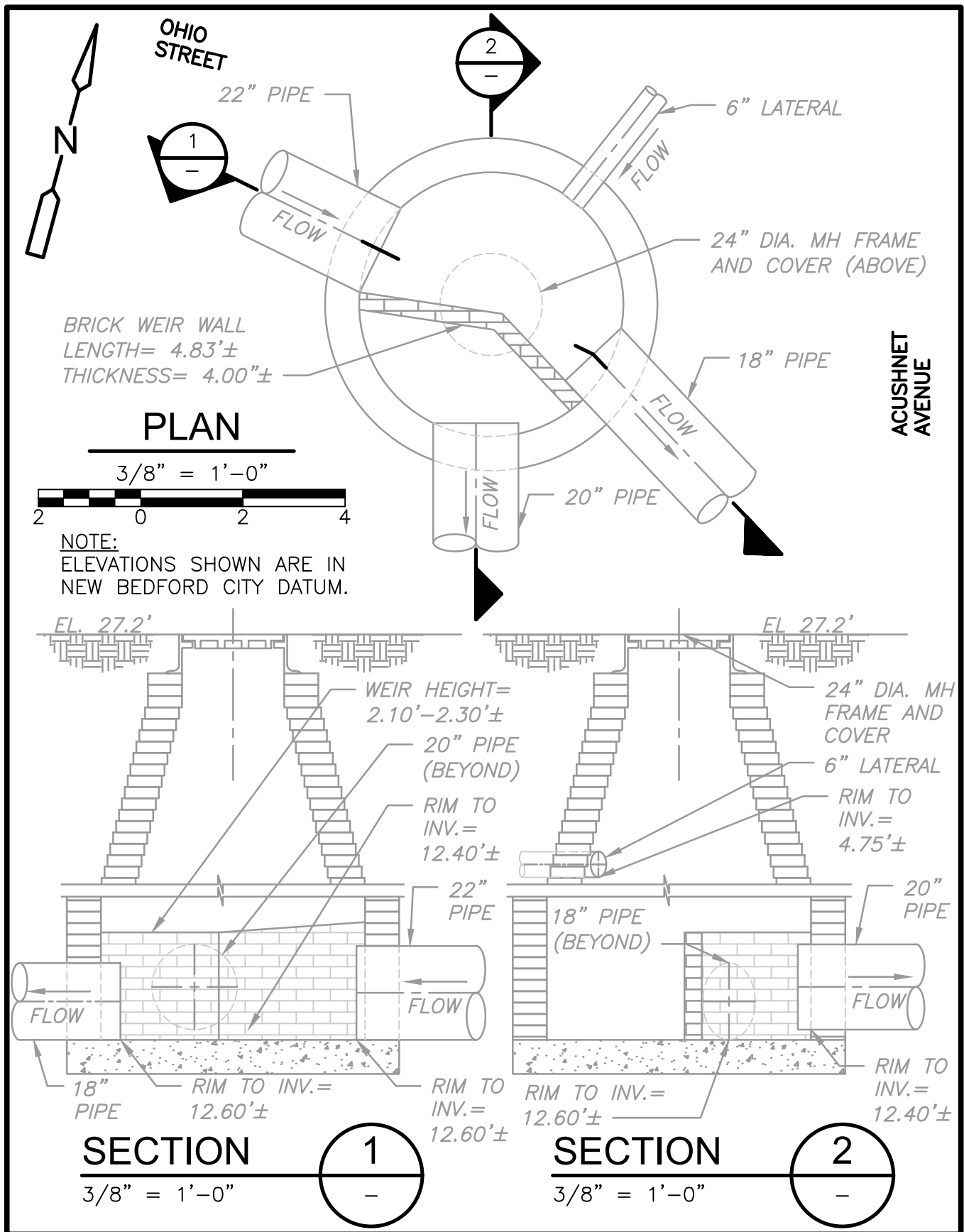
Intra-System Status: No

Tide Gate Status: None

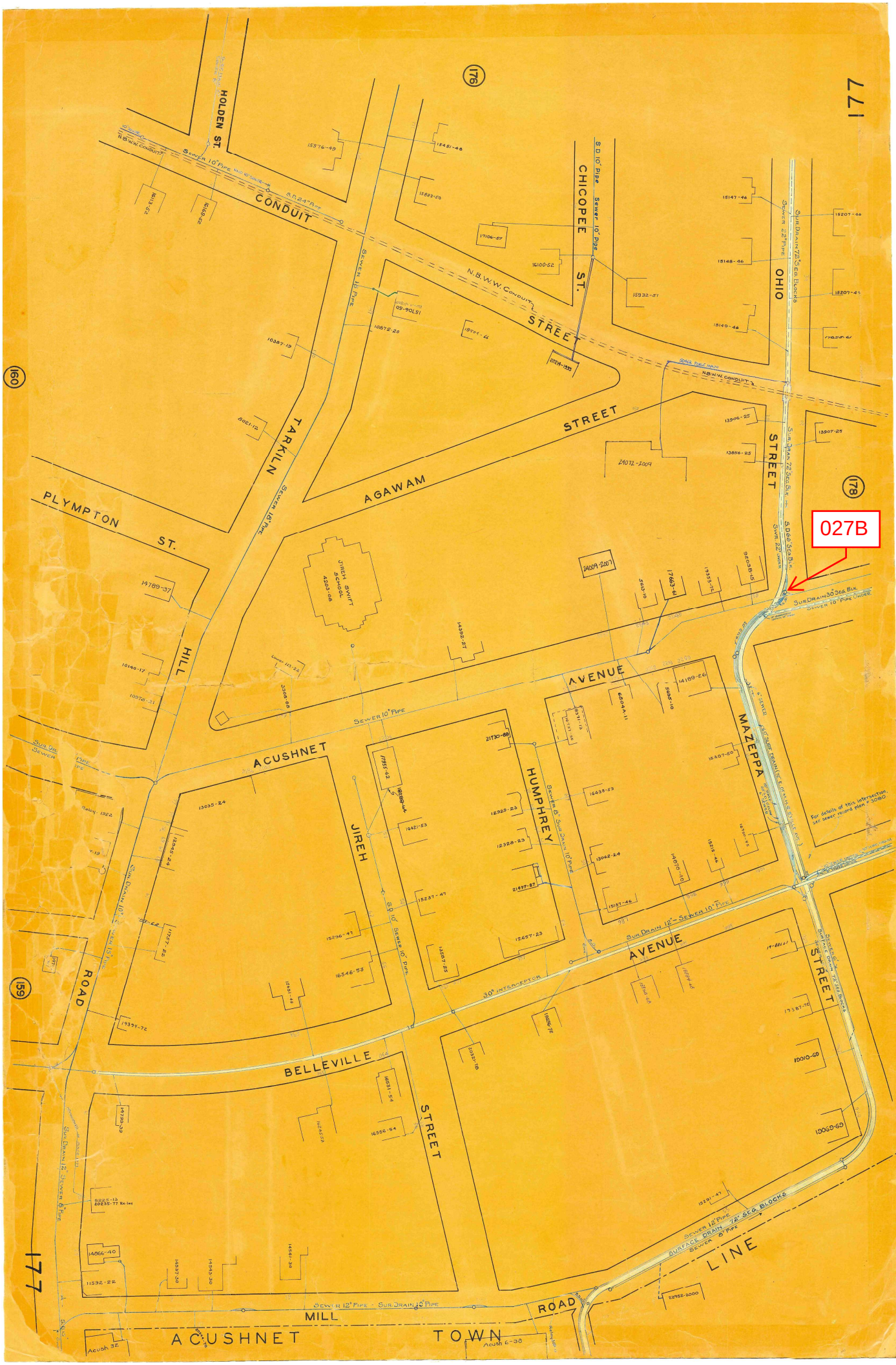
Notes: Over 1 ft of standing water during 2023 Redzone scan.

Location Sketch:





027B



REGULATOR FIELD PHOTOS

Figure 1



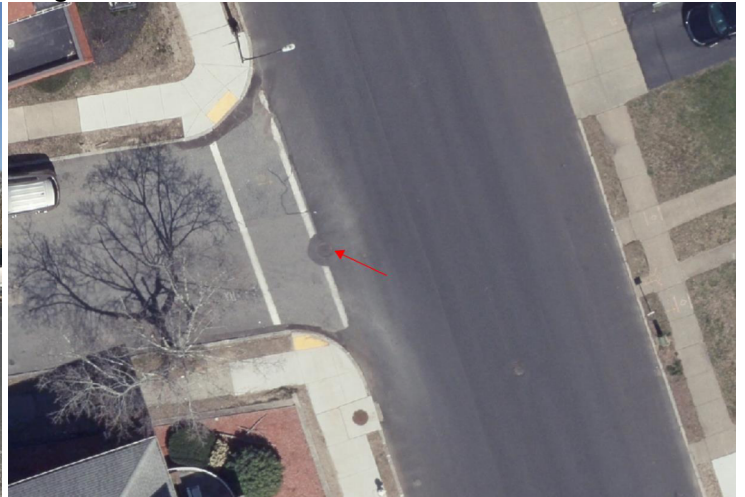
Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-027B. Inflow, outflow, overflow, weir are visible.

Figure 2: Inside of R-027B. Inflow, outflow, overflow, weir are visible.

Figure 3: Location of manhole facing north along Acushnet Ave.

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