

New Bedford Regulator Specification Sheet

Regulator #: R-027D

Location: Mazeppa St. and Acushnet Ave.

Date: 6/25/25

Structure Measurements

Structure Type: Single manhole

Rim Elevation (ft City Datum): 26.8

Regulator Type: Fixed Weir

Overflow Height (ft or in): 30"

Rim to Top of Weir (ft): 9.8

Weir Dims (ft or in): Length: 6.53', Width: 3", Height:

30" above inlet elevation

Influent pipe ø (in): 18

Rim to Influent Invert (ft): 12.3

Dry Weather Connection ø (in): 18

Rim to Dry Weather Invert (ft): 12.3

Overflow pipe ø (in): 20

Rim to Overflow Invert (ft): 12.9

Sensor Measurements

Block Present: Yes

Level Sensor Status: Metered

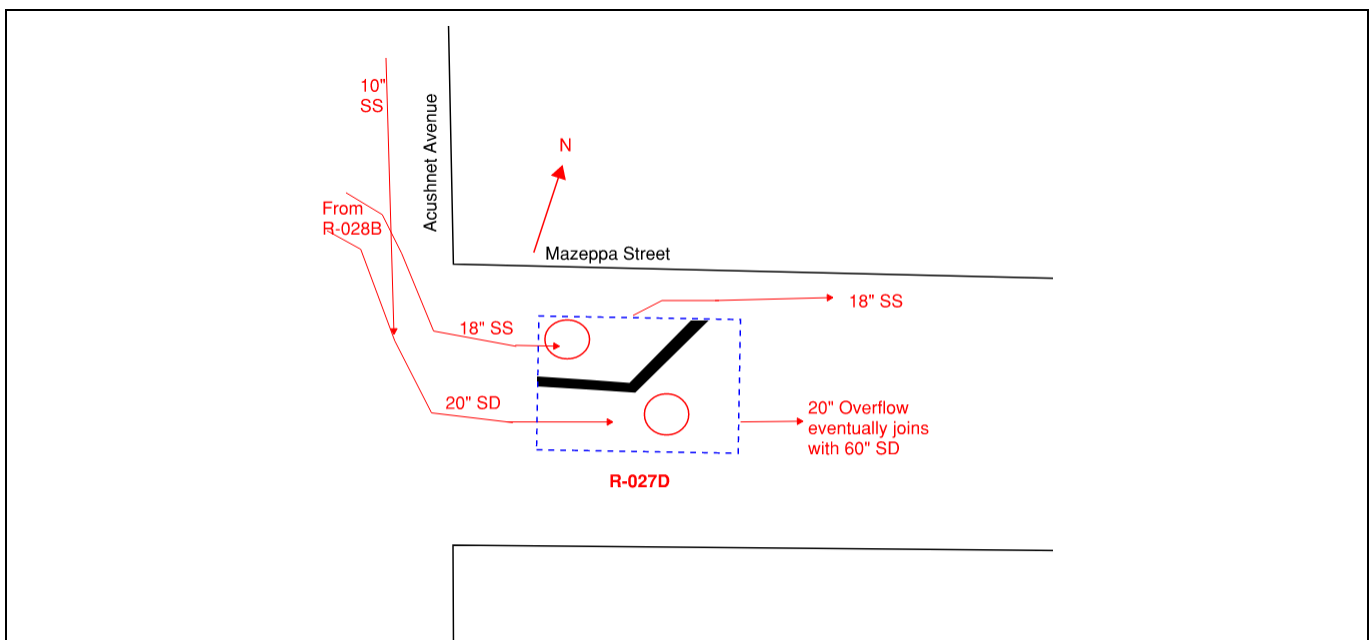
Sensor Installation Date: 10/28/2020

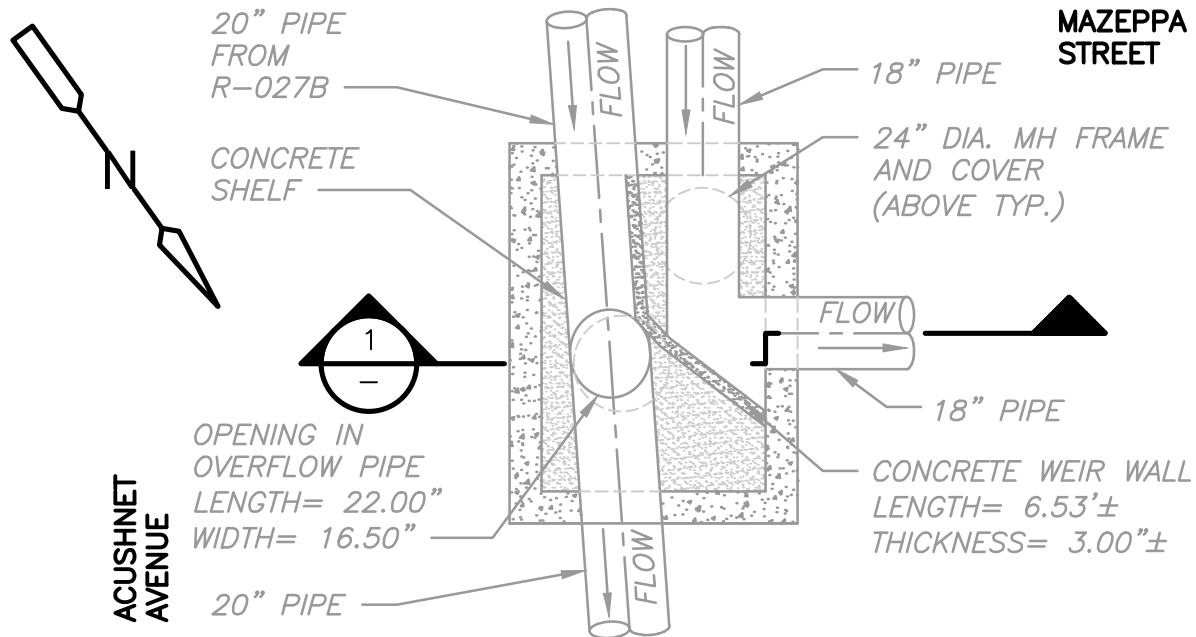
Intra-System Status: No

Tide Gate Status: None

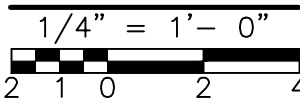
Notes: No ADS installation sketch for this location

Location Sketch:

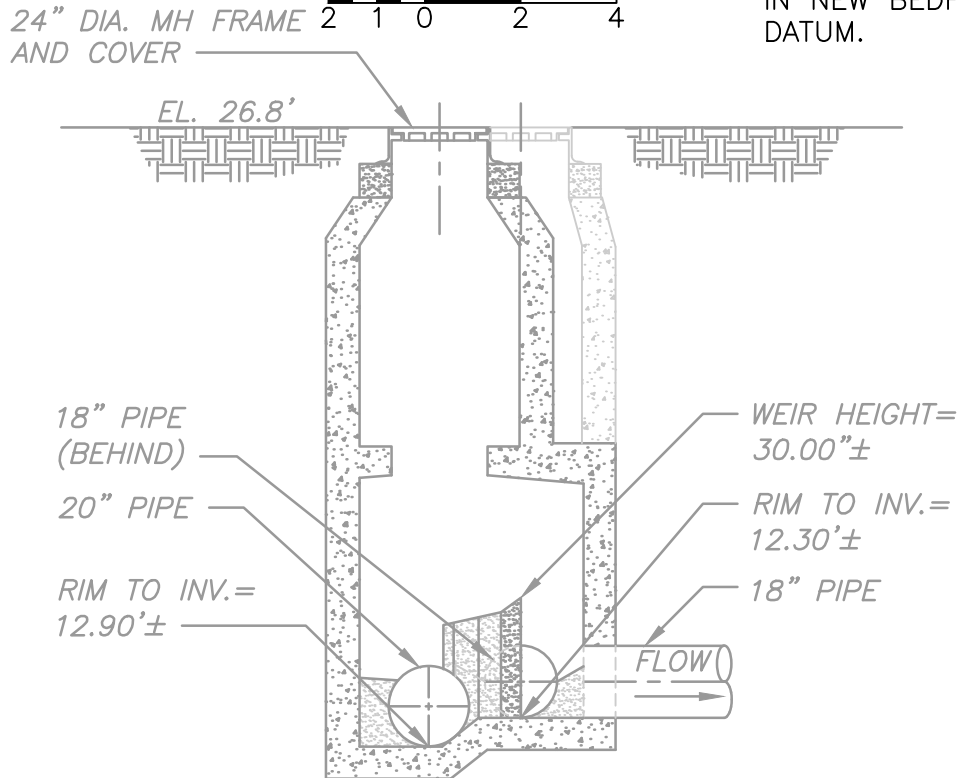




PLAN

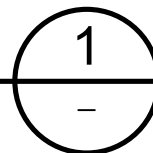


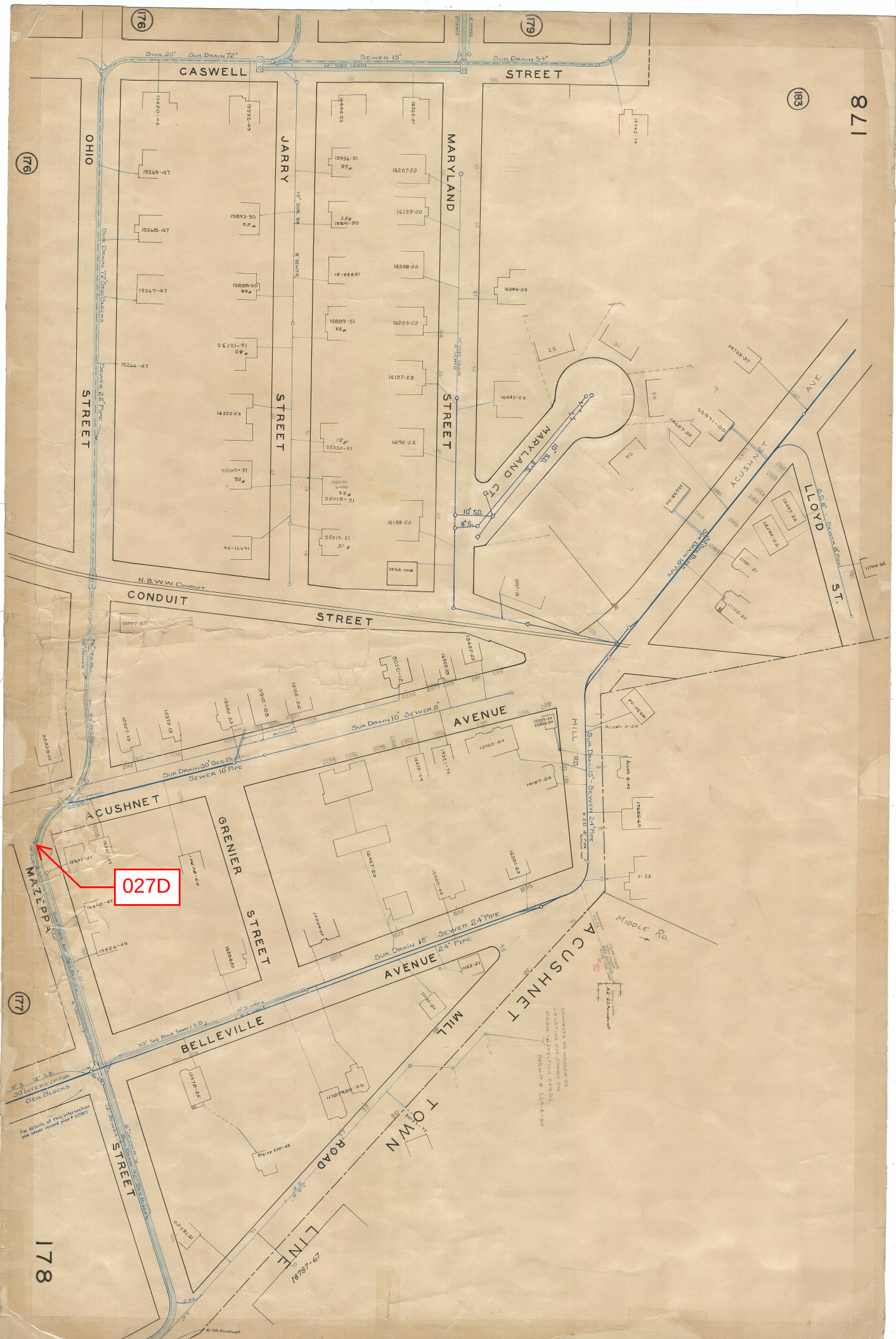
NOTE:
ELEVATIONS SHOWN ARE
IN NEW BEDFORD CITY
DATUM.



SECTION

1/4" = 1'-0"





027D

REGULATOR FIELD PHOTOS

Figure 1



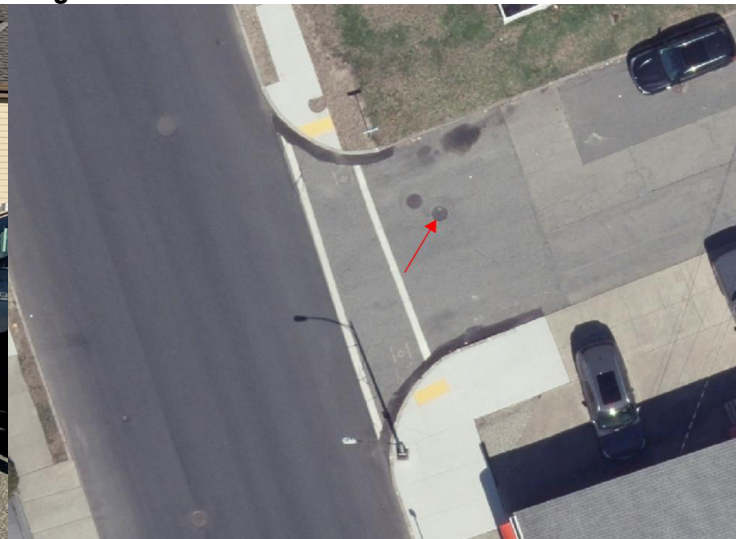
Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Looking down into the manhole of R-027D.

Figure 2: Inside of R-027D. Entire Chamber visible.

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

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