

New Bedford Regulator Specification Sheet

Regulator #: R-016A

Location: Frederick St. at E. Rodney French Blvd.

Date: 6/25/25

Structure Measurements

Structure Type: Single manhole

Rim Elevation (ft City Datum): 5.3

Regulator Type: High Level Outlet

Overflow Height (ft or in): 7"

Rim to Top of Weir (ft): 4.1

Weir Dims (ft or in): 15" Pipe 6" above inlet elevation,
7" above outlet elevation

Influent pipe ø (in): 18, 8

Rim to Influent Invert (ft): 4.6, 4.1

Dry Weather Connection ø (in): 15

Rim to Dry Weather Invert (ft): 4.7

Overflow pipe ø (in): 15

Rim to Overflow Invert (ft): 4.1

Sensor Measurements

Block Present: Yes

Level Sensor Status: Metered

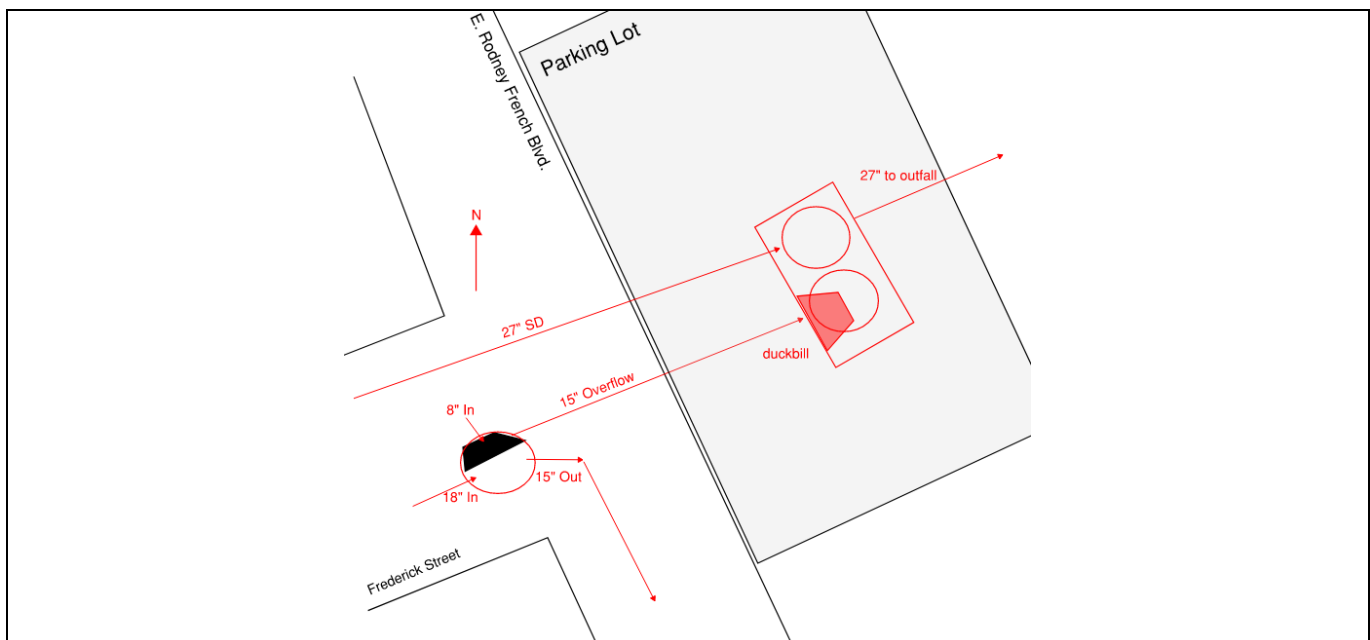
Sensor Installation Date: 10/21/2020

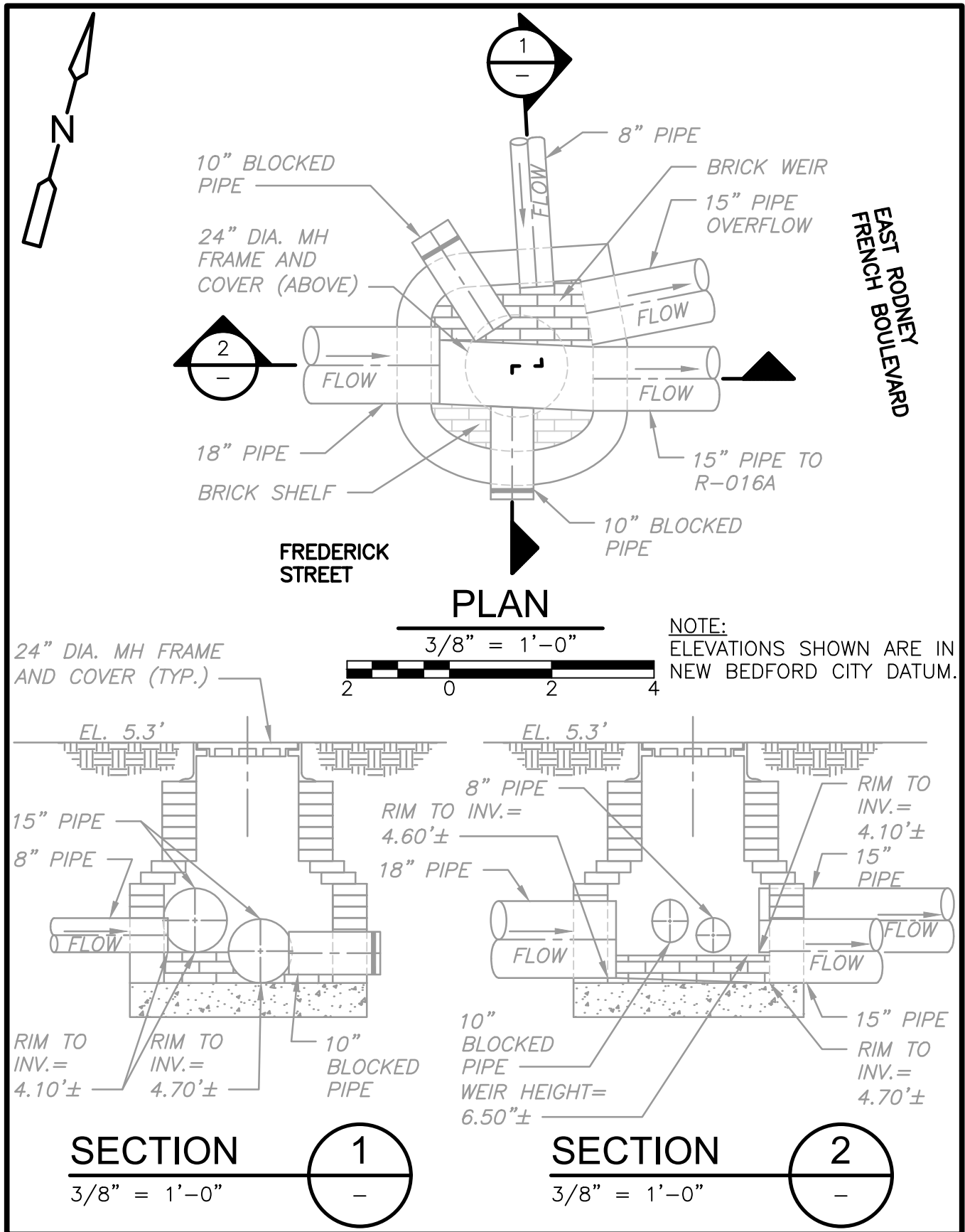
Intra-System Status: No

Tide Gate Status: Duckbill downstream of regulator

Notes: Duckbill gate in manhole downstream of regulator before the outfall

Location Sketch:





SEWER 10" PIPE
EMMA 91 ST.

19

SEWER 10" PIPE
STREET

CLEVELAND

CLEVELAND STREET

RODNEY

MOTT

STREET

KENDALL MILL

STREET

FRENCH

HURRICANE

BARRIER

SEWER 10" PIPE
FREDERICK STREET

STREET

16

016A

19

Day up 94-45

10324-18

5560-10

4148-09

3995-08

3795-16

10569-19

5585-10

5533-10

13804-25

14039-25

13890-25

14045-26

14107-26

14106-26

14112-26

13974-25

13967-25

12388-24

6399-10

1437-04

1437-04

1437-04

8163-15

12830-24

12831-24

12832-24

12833-24

12834-24

12835-24

12836-24

12837-24

12838-24

12839-24

12840-24

12841-24

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REGULATOR FIELD PHOTOS

Figure 1



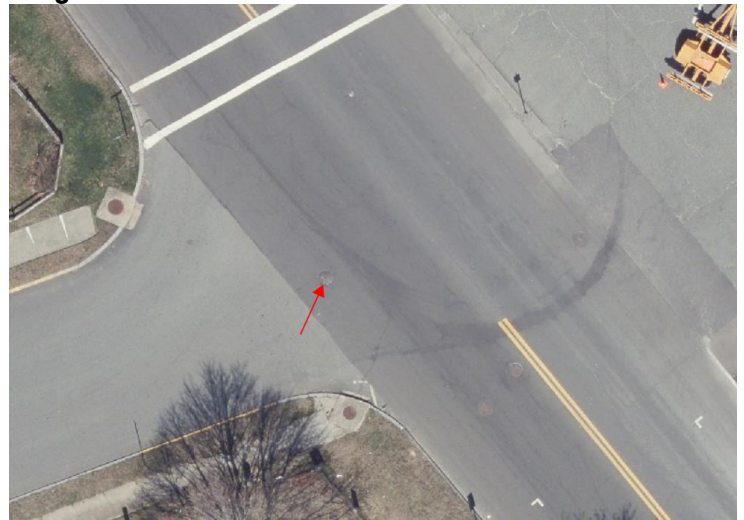
Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-016A. Dry weather flow visible.

Figure 2: Inside of R-016A. All pipes visible.

Figure 3: Location of manhole facing east at the east end of Frederick Street towards bay.

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