

New Bedford Regulator Specification Sheet

Regulator #: R-015A

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

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (3)

Rim Elevation (ft City Datum): 5.8

Regulator Type: High Level Outlet

Overflow Height (ft or in): Unknown

Rim to Top of Weir (ft): 8.2

Weir Dims (ft or in): 12x24 opening 1.6' above inlet invert

Influent pipe ø (in): 15, 15

Rim to Influent Invert (ft): 9.8, 9.1

Dry Weather Connection ø (in): 12

Rim to Dry Weather Invert (ft): 9.9

Overflow pipe ø (in): unknown

Rim to Overflow Invert (ft): Unknown

Sensor Measurements

Block Present: No

Level Sensor Status: Metered

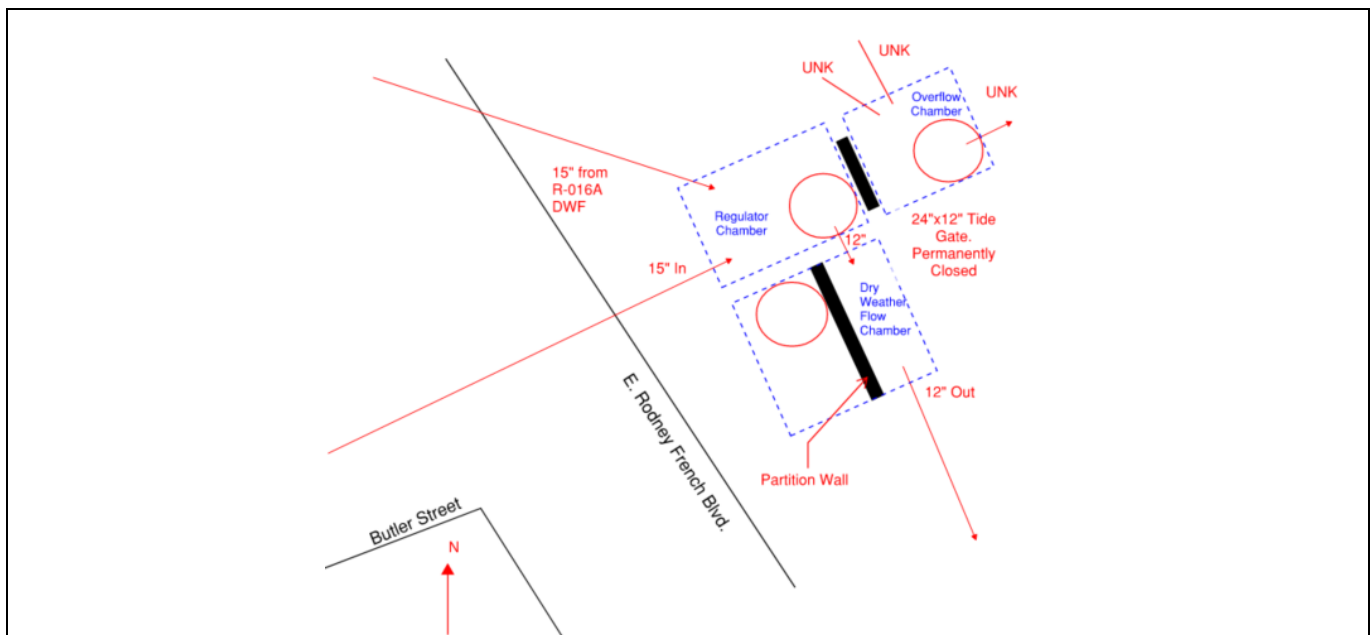
Sensor Installation Date: 2/17/2021

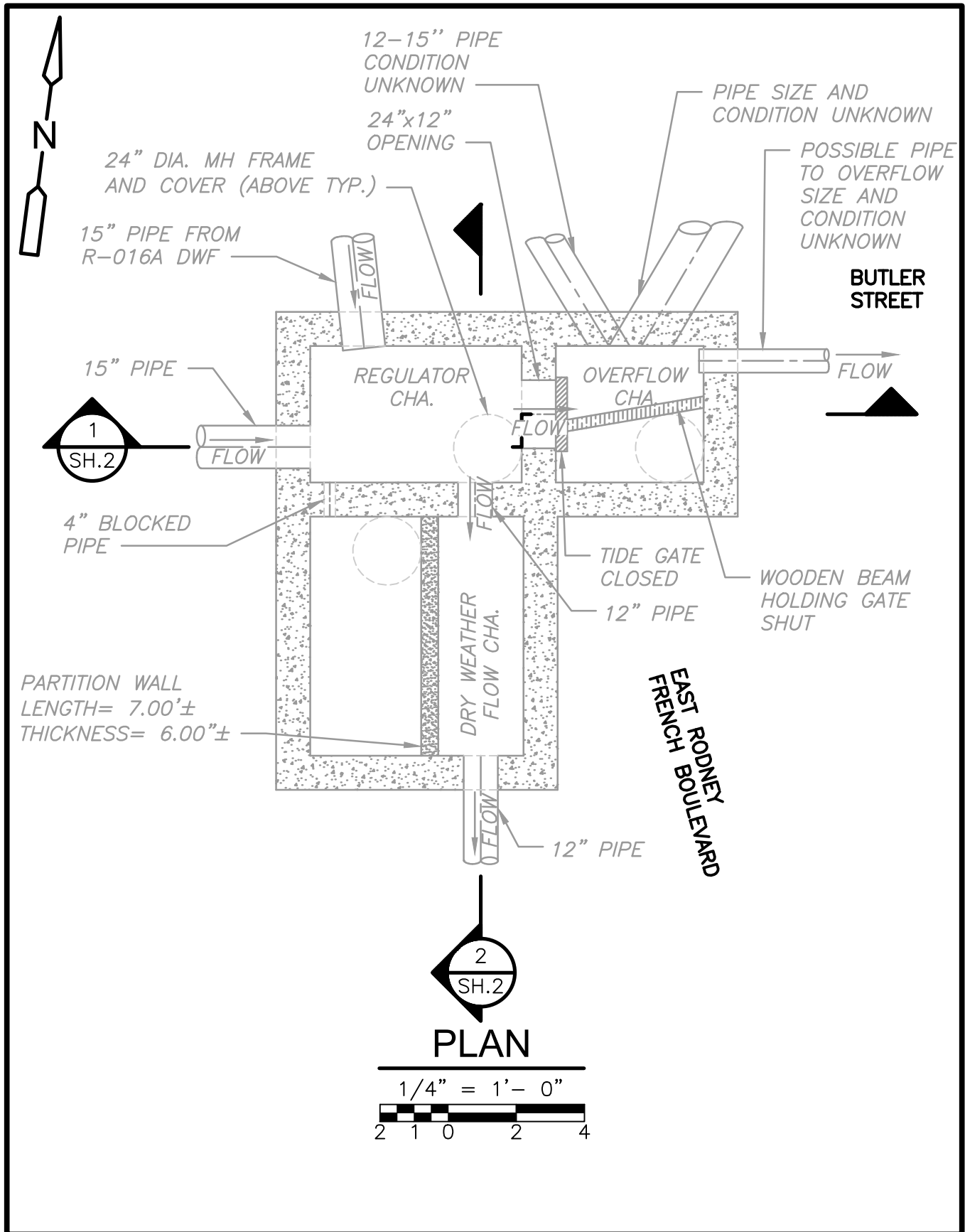
Intra-System Status: No

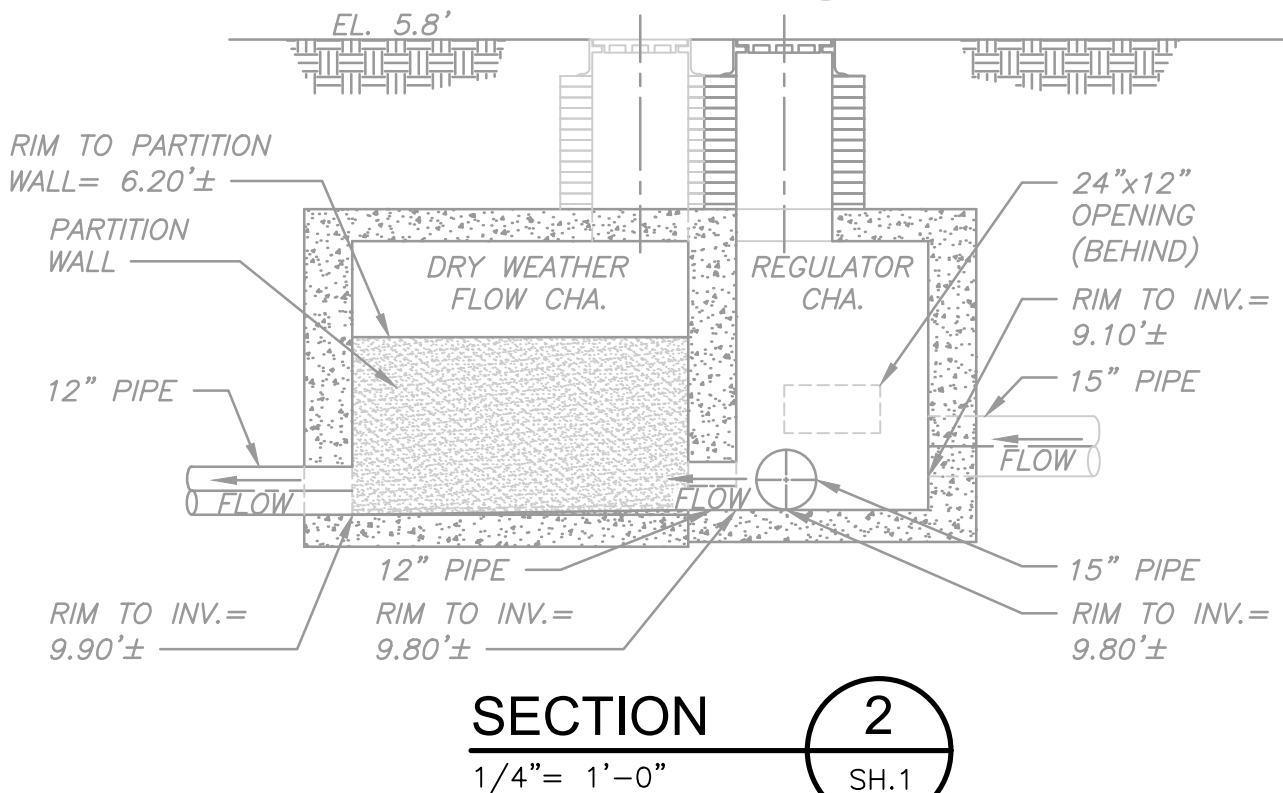
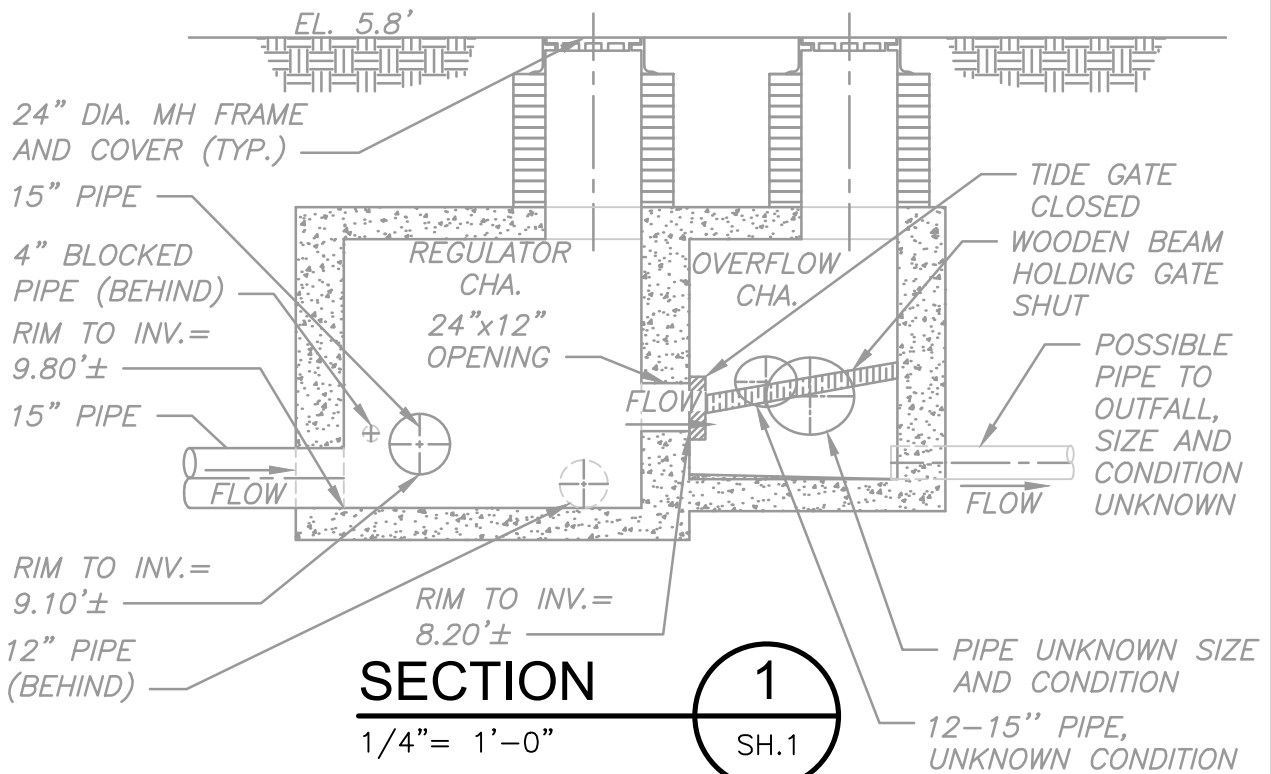
Tide Gate Status: Wooden flap gate held close by wooden beam

Notes: Only inlet chamber scanned by Redzone in 2023. Other dimensions and elevations were estimated from record drawing 6634A ROD FR BLVD sewer or field visits. The wooden tide gate is held in the closed position by a wooden beam. The 24" outlet that was supposed to be across from the tide gate was not visible during feb 2025 field visits. There is about a foot of sand in the overflow chamber.

Location Sketch:

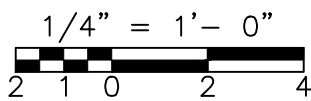


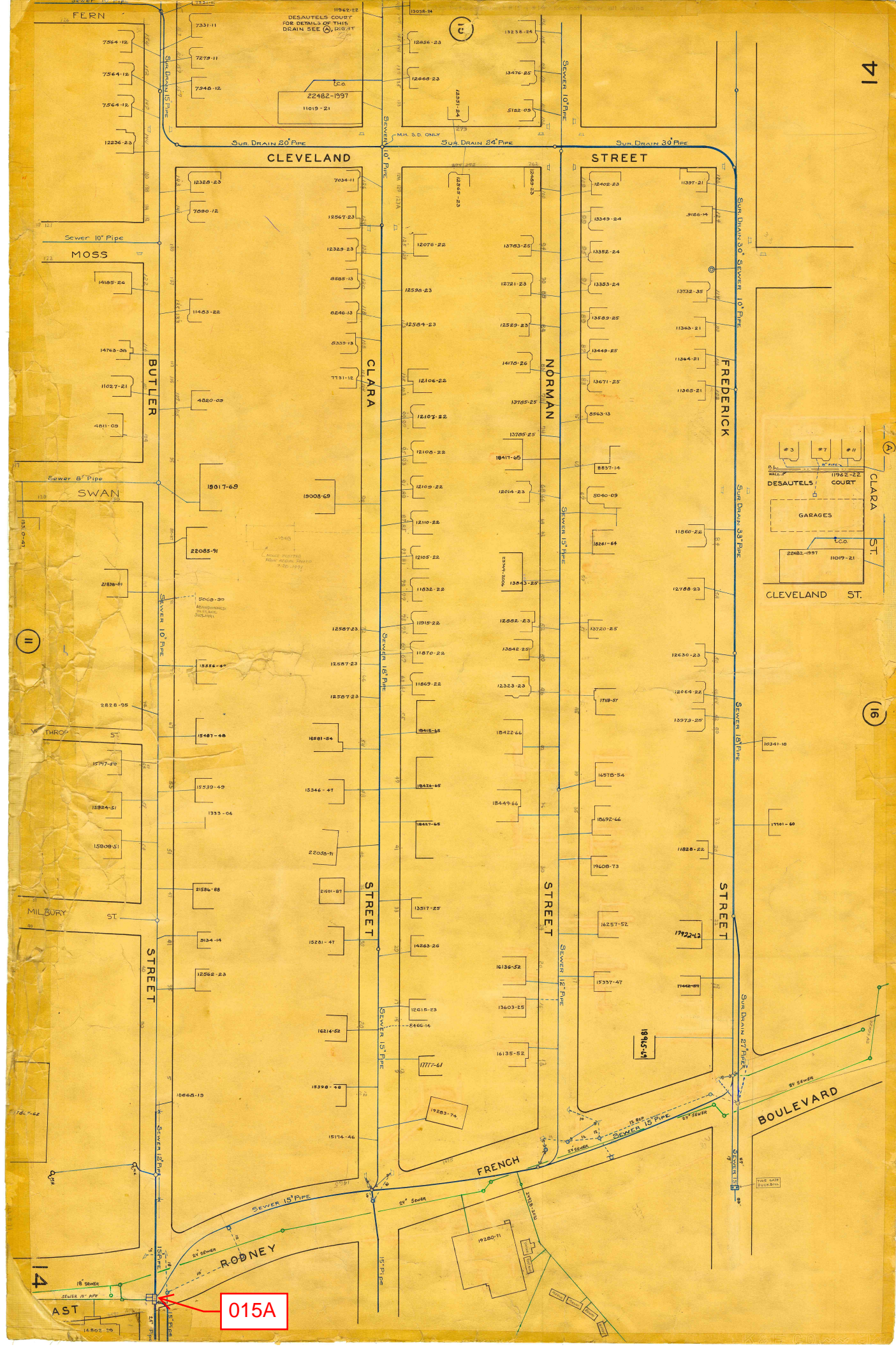




NOTE:

ELEVATIONS SHOWN ARE IN NEW BEDFORD CITY DATUM.





REGULATOR FIELD PHOTOS

Figure 1



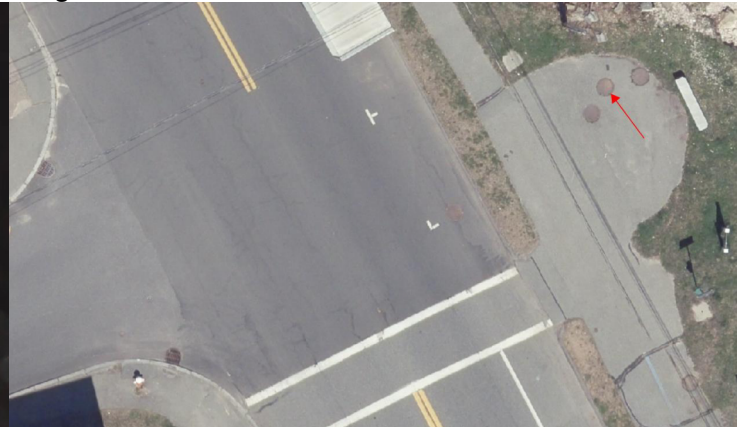
Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-015A Regulator Chamber. Inlets, dry weather outlet, and overflow visible.

Figure 2: Inside of R-015A Regulator Chamber. Close-up of tidal infiltration through closed tide gate.

Figure 3: Inside of R-015A Overflow Chamber. Tide gate propped closed with wooden beam.

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