

New Bedford Regulator Specification Sheet

Regulator #: R-006D

Location: Lucas St near W. Rodney French Blvd.

Date: 6/25/25

Structure Measurements

Structure Type: Single manhole

Rim Elevation (ft City Datum): 5.9

Regulator Type: Fixed Weir

Overflow Height (ft or in): 4.1'

Rim to Top of Weir (ft): 3.8

Weir Dims (ft or in): Length: 3.2', Width: 4", Height: 4.10'

Influent pipe ø (in): 15 (SS), 12,(SD)

Rim to Influent Invert (ft): 7.9 (SS), 7.9(SD)

Dry Weather Connection ø (in): 10

Rim to Dry Weather Invert (ft): 7.9

Overflow pipe ø (in): 12

Rim to Overflow Invert (ft): 7.9

Sensor Measurements

Block Present: Yes

Level Sensor Status: Metered

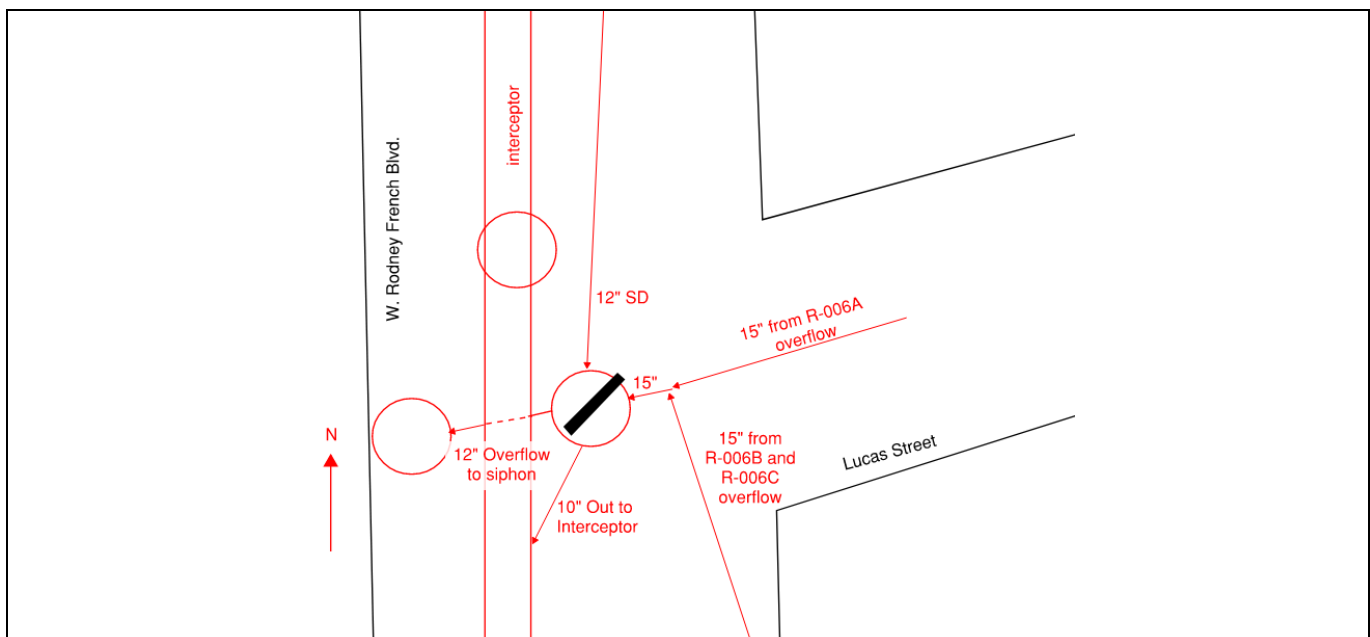
Sensor Installation Date: 2/28/2018

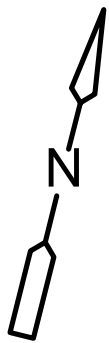
Intra-System Status: No

Tide Gate Status: None

Notes: The redzone scan only captured half of the chamber; unknown pipe sizes were estimated from pictures and record drawings. This manhole has two sensors- one on each side of the weir. One to record tide level and one to record overflow depth.

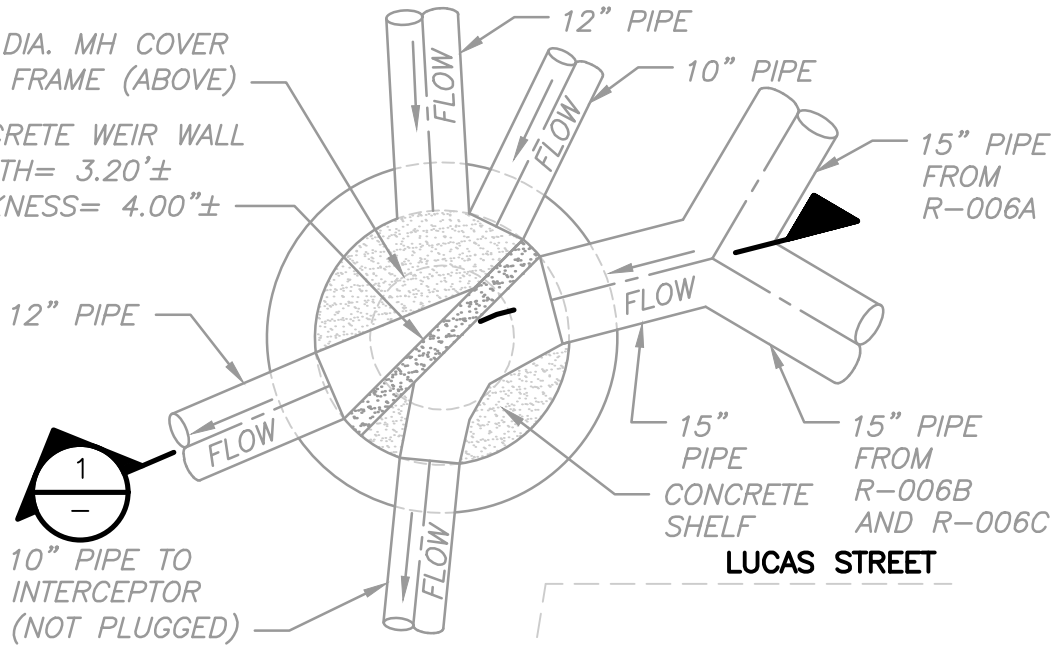
Location Sketch:





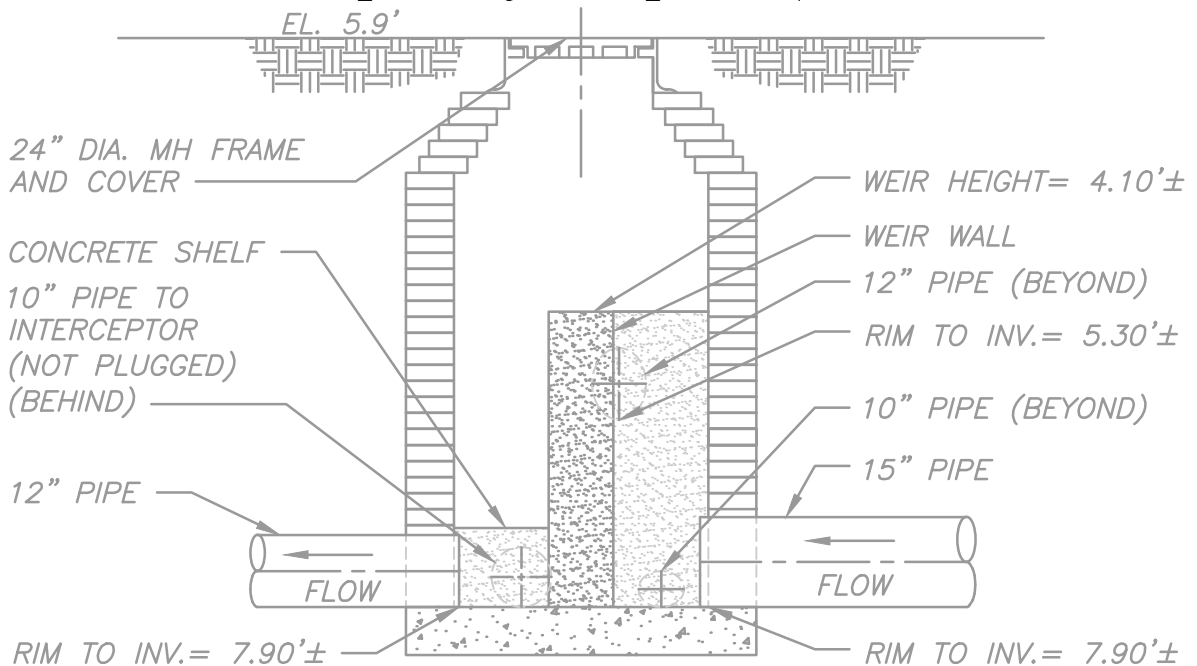
WEST RODNEY
FRENCH BOULEVARD

24" DIA. MH COVER
AND FRAME (ABOVE)
CONCRETE WEIR WALL
LENGTH= 3.20'±
THICKNESS= 4.00"±



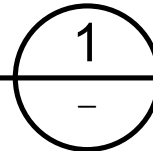
PLAN

$3/8" = 1'-0"$



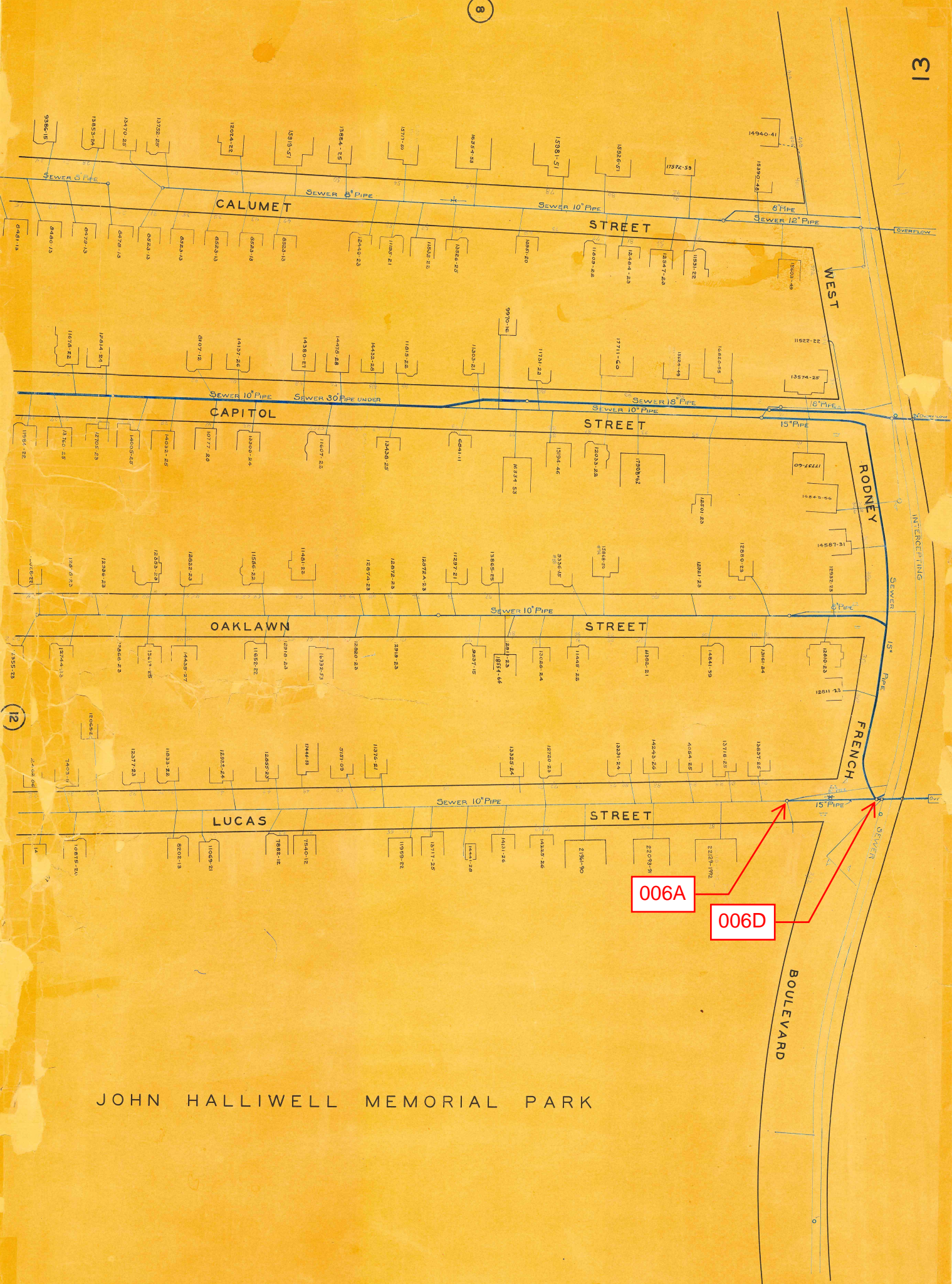
SECTION

$3/8" = 1'-0"$



NOTES:

1. ELEVATIONS SHOWN ARE IN NEW BEDFORD CITY DATUM.
2. STRUCTURE DIFFERS SIGNIFICANTLY FROM RECORD DRAWINGS.



JOHN HALLIWELL MEMORIAL PARK

REGULATOR FIELD PHOTOS

Figure 1



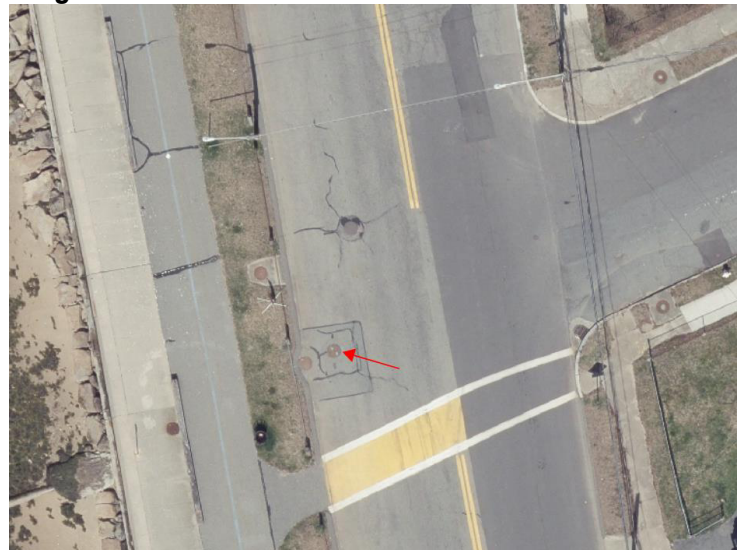
Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-006D. Weir, Inflow, outflow visible.

Figure 2: Inside of R-006D. Weir, Inflow, outflow visible.

Figure 3: Outside of manhole facing intersection of Lucas St and W. French Rodney Blvd.

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