

R-037

WALNUT ST
New Bedford

Inspection Status: Remote Inspection
Inspection Level: Level 2

	Quick	Index	Rating
Overall	211C	1	24
Structural	211A	1.1	12
O&M	1A00	1	12

Project: | New Bedford 3D Regulator Inspections

Owner: New Bedford, MA

Customer: CDM Smith

MANHOLE

MH Use: Sanitary

Access Type: Manhole

Year Constructed:

Year Renewed:

Evidence of Surcharge: No

MEASUREMENTS

Rim to Invert: 9ft

Rim to Grade:

Grade to Invert: 9ft

Rim to Grade Exposed:

Northing:

Easting:

Elevation:

Vertical Datum:

GPS Accuracy:

Additional Information:

COVER

Type: Vented

Shape: Circular

Size: 24"

Size Width:

Center Cover Size:

Cover Material: Cast Iron

Hole Diameter: <= 1/2 inch
(10mm)

Hole Number: 5

Bearing Surface Diameter: 26"

Bearing Surface Width: 1"

Cover/Frame Fit: Good

Cover Condition: Sound

COVER INSERT

Insert Type: None

Insert Condition:

COVER ADJUSTMENT RING

Ring Type: Solid

Ring Material: Cast Iron

Ring Condition: Sound

Ring Height:

FRAME

Frame Material: Cast Iron

Bearing Surface Width: 1"

Bearing Surface Depth: 9"

Clear Opening Diameter: 22"

Clear Opening Width: 22"

Frame Depth:

Offset Distance:

Seal Condition: Sound

Seal Inflow: None

Frame Condition: Sound



CHIMNEY

Chimney Present: Yes

Chimney Depth: 1ft

Clear Opening:

Chimney I/I:

First Material: Other

Second Material:

Lining Interior:

Lining Exterior:

Chimney Condition:

CONE

Cone Depth: 2ft

Cone Type: Conical centered

Clear Opening:

First Material: Other

Second Material:

Lining Interior:

Lining Exterior:

Cone Condition:

WALL

Wall Diameter:

Wall Width:

Wall Depth: 5.8ft

First Material: Concrete (precast)

Second Material:

Lining Interior:

Lining Exterior:

Wall Condition:

BENCH

Bench Present: Yes

Material: Concrete (precast)

Lining:

Bench Condition:

CHANNEL

Channel Present: Yes

Material: Concrete (precast)

Type: Pipe

Exposure: Partially Opened

Channel Condition:

STEP

Number: 3

Material: Metal

PIPE CONNECTION INFORMATION

Pipe No.	Clock	Rim to Inv.	Direction	Material	Shape	Height	Width	Cond.	Seal Cond.	Pipe Type	Struct. ID	Comments
1	6	7.5"	Out	Concrete Pipe (non-reinforced)	Circular	12"		Sound	Sound	Gravity Connection		
2	12	7.5"	In	Concrete Pipe (non-reinforced)	Circular	24"		Sound	Sound	Gravity Connection		
3	9	2.4"	In	Concrete Pipe (non-reinforced)	Circular	11"		Sound	Sound	Gravity Connection		
4	11	3"	In	Concrete Pipe (non-reinforced)	Circular	12"		Sound	Sound	Gravity Connection		
5	3	6"	In	Not Known	Circular	9"		Sound	Sound	Gravity Connection		
6	5	8.6"	Out	Concrete Pipe (non-reinforced)	Circular	28"		Sound	Sound	Gravity Connection		

GENERAL INFORMATION

Surveyed By:

Reviewed By: M. Bierman

Weather:

Purpose of Survey: Routine assessment

Reviewer Number: P0035145122021

Precleaning: No Pre-Cleaning

PO Number:

Media Label:


Sheet No.:

Date Cleaned:

Work Order:

Consequence of Failure:

Condition Report

Graph	Position	Code	Observation	Video (sec)	Grade
 Camera Direction	0ft	MGO	Miscellaneous General Observation	5.93	S 0
	0.4ft	SRI	Surface Damage Roughness Increased	6.73	S 1
	0.4ft	IS	Infiltration Stain	6.73	M 1
	3.4ft	IS	Infiltration Stain	12.73	M 1
	5.3ft	OBS	Obstruction Built Into Structure	16.53	S 0
	5.3ft	SRI	Surface Damage Roughness Increased	16.53	S 1
	6.9ft	CC	Crack Circumferential	19.73	S 2
	7.7ft	MGO	Miscellaneous General Observation	21.33	S 0





Code: **MGO**
Description: **Miscellaneous General Observation**

Distance: **0ft**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within Eight" of Joint: **False**
Remarks: **Start inspection**



Code: **SRI**
Description: **Surface Damage Roughness Increased**

Distance: **0ft**
Structural Grade: **1**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within Eight" of Joint: **False**
Remarks:



Code: **IS**
Description: **Infiltration Stain**

Distance: **0ft**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within Eight" of Joint: **False**
Remarks:



Code: **IS**
Description: **Infiltration Stain**

Distance: **3ft**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within Eight" of Joint: **False**
Remarks:



Code: **OBS**
Description: **Obstruction Built Into Structure**

Distance: **5ft**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent: **30**
Continuous Index:
Within Eight" of Joint: **False**
Remarks: **Pipe through wall**



Code: **SRI**
Description: **Surface Damage Roughness Increased**

Distance: **5ft**
Structural Grade: **1**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within Eight" of Joint: **False**
Remarks:



Code: **CC**
Description: **Crack Circumferential**

Distance: **6ft**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within Eight" of Joint: **False**
Remarks:



Code: **MGO**
Description: **Miscellaneous General Observation**

Distance: **7ft**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within Eight" of Joint: **False**
Remarks: **End inspection**