

R-020B

ACUSHNET ST
New Bedford

Inspection Status: Remote Inspection
Inspection Level: Level 2

	Quick	Index	Rating
Overall	5131	1.3	33
Structural	2116	1.1	8
O&M	5131	1.3	25

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: Yes

MEASUREMENTS

Rim to Invert: 8.1ft

Rim to Grade:

Grade to Invert: 8.1ft

Rim to Grade Exposed:

Northing:

Easting:

Elevation:

Vertical Datum:

GPS Accuracy:

Additional Information: 2

COVER

Type: Vented

Shape: Circular

Size: 26"

Size Width:

Center Cover Size:

Cover Material: Cast Iron

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

Hole Number: 2

Bearing Surface Diameter: 28"

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: 24"

Clear Opening Width: 24"

Frame Depth:

Offset Distance:

Seal Condition: Sound

Seal Inflow: None

Frame Condition: Sound



CHIMNEY

Chimney Present: Yes	Chimney I/I:	Lining Interior:
Chimney Depth: 1.7ft	First Material: Concrete (precast)	Lining Exterior:
Clear Opening:	Second Material:	Chimney Condition:

CONE

Cone Depth:	First Material:	Lining Exterior:
Cone Type: Not Present	Second Material:	Cone Condition:
Clear Opening:	Lining Interior:	

WALL

Wall Diameter:	First Material: Concrete (precast)	Lining Exterior:
Wall Width:	Second Material:	Wall Condition:
Wall Depth: 3.1ft	Lining Interior:	

BENCH

Bench Present: None	Lining:
Material:	Bench Condition:

CHANNEL

Channel Present: Yes	Type: Pipe	Channel Condition:
Material: Brick	Exposure: Fully Opened	

STEP

Number: 3	Material: Metal
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PIPE CONNECTION INFORMATION

Pipe No.	Clock	Rim to Inv.	Direction	Material	Shape	Height	Width	Cond.	Seal Cond.	Pipe Type	Struct. ID	Comments
1	6	8.1"	In	Brick	Circular	45"		Sound	Sound	Gravity Connection		
2	12	8.1"	Out	Brick	Circular	45"		Sound	Sound	Gravity Connection		

GENERAL INFORMATION

Surveyed By:	Reviewer Number: P0035145122021	Sheet No.:
Reviewed By: M. Bierman	Precleaning: No Pre-Cleaning	Date Cleaned:
Weather:	PO Number:	Work Order:
Purpose of Survey: Routine assessment	Media Label:	Consequence of Failure:
Certificate Number: U0219070304856	Date & Time 2023-12-15	

Condition Report

Graph	Position	Code	Observation	Video (sec)	Grade
	0ft	MGO	Miscellaneous General Observation	5.2	S 0
	0.5ft	SRI	Surface Damage Roughness Increased	6.2	S 1
	0.5ft	IS	Infiltration Stain	6.2	M 1
	1.4ft	OBS	Obstruction Built Into Structure	8	S 0
	3.1ft	CC	Crack Circumferential	11.4	S 2
	4.2ft	IS	Infiltration Stain	13.6	M 1
	6ft	OBS	Obstruction Built Into Structure	17.2	M 5
	6ft	DAR	Deposits Attached Ragging	17.2	M 3
	7.6ft	MGO	Miscellaneous General Observation	20.33	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:
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: **S01**
Within Eight" of Joint: **False**
Remarks:



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

Distance: **1ft**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **5**
Continuous Index:
Within Eight" of Joint: **False**
Remarks: **Rope attached**



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

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



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

Distance: **4ft**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within Eight" of Joint: **False**
Remarks:



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

Distance: **6ft**
Structural Grade: **0**
O&M Grade: **5**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent: **50**
Continuous Index:
Within Eight" of Joint: **False**
Remarks: **Wall in channel**



Code: **DAR**
Description: **Deposits Attached Ragging**

Distance: **6ft**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent: **30**
Continuous Index:
Within Eight" of Joint: **False**
Remarks: **Mixed deposits on wall**



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**

