TRANSMITTAL SHEET

TO: All Bidders

DATE: January 30, 2025

TOTAL NUMBER OF PAGES (INCLUDING COVER PAGE): 17

FROM: Greg Moran
Utilities & Infrastructure Services

TEL. #: (506) 650-0292

IF YOU DID NOT RECEIVE ALL PAGES, OR FURTHER INFORMATION IS REQUIRED, PLEASE CONTACT THE SENDER

MESSAGE:

TENDER NO: 2024-17

Lower Cove Loop –

CSO Chamber Rehab & Check Valve Installation

Please find attached a copy of ***Addendum #1*** for the above tender.

As of March 2021, please be advised that an ***Acknowledgement Form*** (historically sent as part of the City's addendum packages) confirming receipt of an Addendum is **no longer** included in the addendum package.

However, in accordance with Section 2.5.03 of the City's General Specifications, it remains a requirement that **each Addendum** will contain a signature page(s) which each Tenderer is **required to sign and include with its Tender submission.**

City of Saint John

UTILITIES & INFRASTRUCTURE SERVICES
Engineering Services
175 Rothesay Avenue
Saint John, NB, E2J 2B4

ADDENDUM

PROJECT TITLE:	**ADDENDUM NO:**	**1**
LOWER COVE LOOP -	**DATE:**	**JANUARY 30, 2025**
CSO CHAMBER REHAB & CHECK VALVE	**PAGE:**	**1 OF 17**
INSTALLATION	**TENDER NO:**	**2024-17**

MAKE THE FOLLOWING MODIFICATIONS TO THE ABOVE PROJECT. INCLUDE IN THE AMOUNT OF THE TENDER ANY ADDITIONS TO OR DEDUCTIONS FROM THE COST OF THE WORK BY REASON OF THESE INSTRUCTIONS. THE DATE FOR RECEIVING TENDERS **REMAINS AT: 2:30:00PM, WEDNESDAY, FEBRUARY 5, 2025.**

ADJUSTMENTS TO THE SPECIFICATIONS

Division 2 – Submission of Tender

The City of Saint John is implementing adjustments to the tender submission procedure as follows:

Section 2.6.01 Location of Tender Box for the Submission of Tender

175 Rothesay Avenue, Saint John, New Brunswick

The tender box will be available at the main building entrance for submission of tenders by the Tenderer between the hours of 9:30 am and 2:30:00 pm only on the above tender closing date.

There will not be a public tender opening. Registered Bidders will receive an email invitation to view the Tender Opening using Microsoft Teams software. Email invitations will be sent to the address provided on the Official Bidder's List. The Tender Opening Committee will conduct the evaluation of the tenders and Compliant tenders will be included in the summary of bids on the City's Tenders & Proposals website within 1 business day following the tender closing.

Division 3 – Particular Specifications

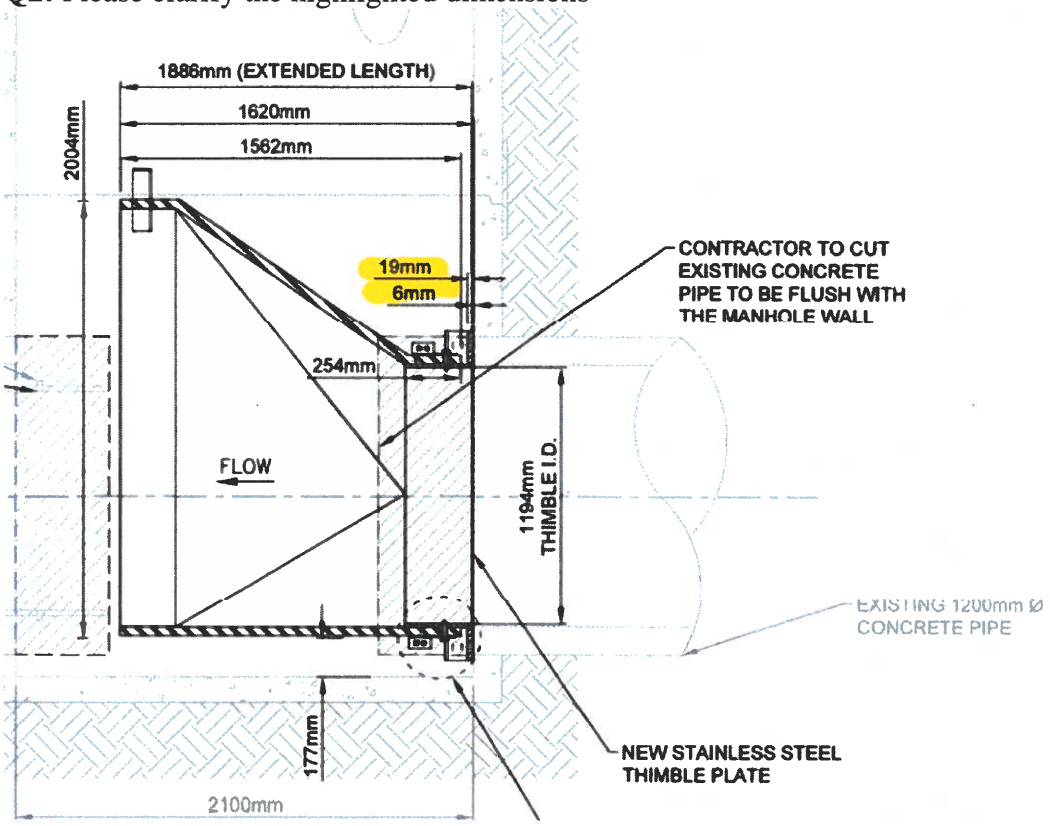
ENQUIRIES

Please see the following response to the questions received:

Q1: Would you have better pictures or videos of the CSO Chambers?

A1: *Please see the attached photographs from Appendix A of Division 3, provided in colour.*

Q2: Please clarify the highlighted dimensions



A2: *6mm represents the gasket and 19mm represents the plate thickness. This is based on a shop drawing from the valve supplier for the thimble plate.*

Q3: Is there a detail/specification for the new thimble plate for CSO#1 and #2, section C and F, respectively? Or is this referring to the new frame of the new flap gate?

A3: *The thimble plate for CSO#1 and #2 is manufactured by the flap gate supplier. Please see the attached preliminary shop drawing which shows the design basis.*

Q4: Please confirm that this dimension is correct and is it referencing width or depth?
"7. INJECT ALL CRACKS OVER 0.35mm WITH UCLID CHEMICAL AQUASEAL EPOXY SYSTEM."

A4: *The dimension provided has been confirmed and is referencing crack width.*

Q5: The plan states:
"THE HORIZONTAL AND VERTICAL DATUM UTILIZED: NAD 83 (CSRS) NEW BRUNSWICK DOUBLE STEREOGRAPHIC PROJECTION AND THE CANADIAN VERTICAL DATUM OF 1928 (CGVD28)"

The Government of Canada website for Station – Saint John 00065 states a Datum Conversion of -25.72m for NAD 83_CSRS and -4.17m for CGVD28.

Please confirm that for the elevations on the plans (CSO Rim 5.0/5.1) that -4.17m should be added to the tidal elevation data points.

A5: *The elevations shown on the plans are CGVD28. To convert tidal data to the same datum, you would use the published adjustment of -4.17m as shown on the government's website.*

Q6: The supplier of the sluice/slide gate is requesting additional information, is there a shop/fab drawing for the existing at the time of installation? They were asking for a dimensioned drawing related to the area/opening where the gate is to be installed.

A6: *Please find the attached shop drawing of the existing sluice/slide gate providing dimensions.*

Note: Signed copy of the addendum **must** be enclosed in the tender documents, according to the Instructions to Tenderers and Tendering Procedures in Division 2 of the Contract Specifications.

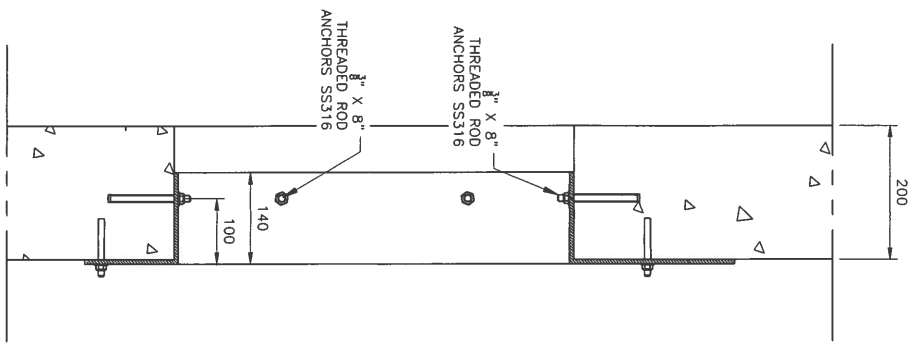
BY: _____ _____

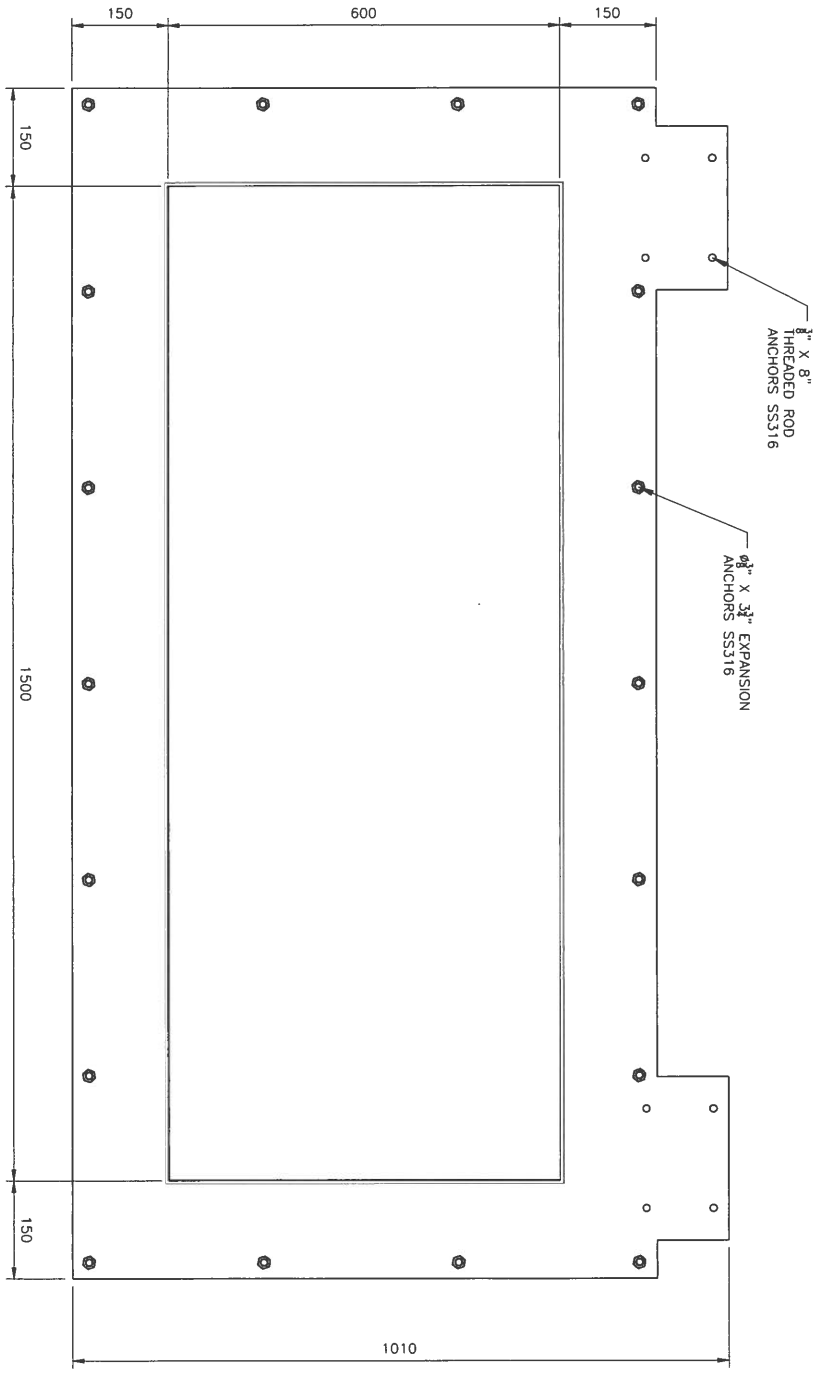
for CHIEF CITY ENGINEER *CONTRACTOR'S SIGNATURE*

TO BE SIGNED AND ATTACHED TO TENDER DOCUMENTS

NOTES:

1- GRANDE WATER MAMAGEMENT SYSTEMS (GWMS) WILL SUPPLY ONE (1) SURE-FLAP & WALL THIMBLE, MODEL GAF-60/150, FABRICATED IN SS 316.





Grande Water management systems www.grandeinc.com TOLL FREE: 1-855-315-1115	PROJECT NAME: LOWER COVE LOOP –	TITLE: GRANDE SURE-FLAP MODEL GSF-60/150 WALL THIMBLE DETAIL	THE EQUIPMENT DETAILS ARE FOR PROPOSAL PURPOSES ONLY. ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF GRANDE WATER MANAGEMENT SYSTEMS.
	LOCATION: ST-JOHN, NB	DWG NO: 1339-P-203	REV 00 DATE 13/11/24 DESCRIPTION

4/17

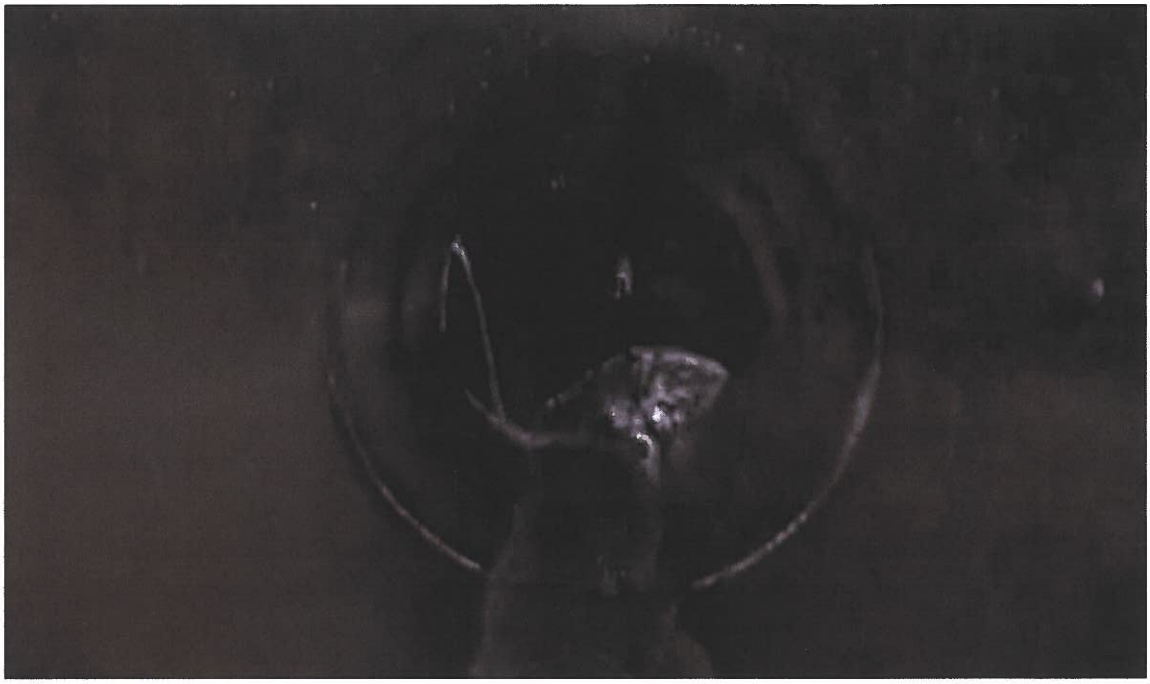


Figure 1: Infiltration inside of CSO No. 1's overflow pipe (0:19 of video CSO#1 (90 Manhole WWN-COM-MH-84269.mp4)

Figure 2: Concrete cut-out below the flap gate downstream of CSO No. 1, including segregated grout (1:53 of video CSO#1 (90 Manhole WWN-COM-MH-84269.mp4)

Figure 3: Concrete cut-out below the flap gate downstream of CSO No. 1, including segregated grout (2:20 of video CSO#1 (90 Manhole WWN-COM-MH-84269.mp4)

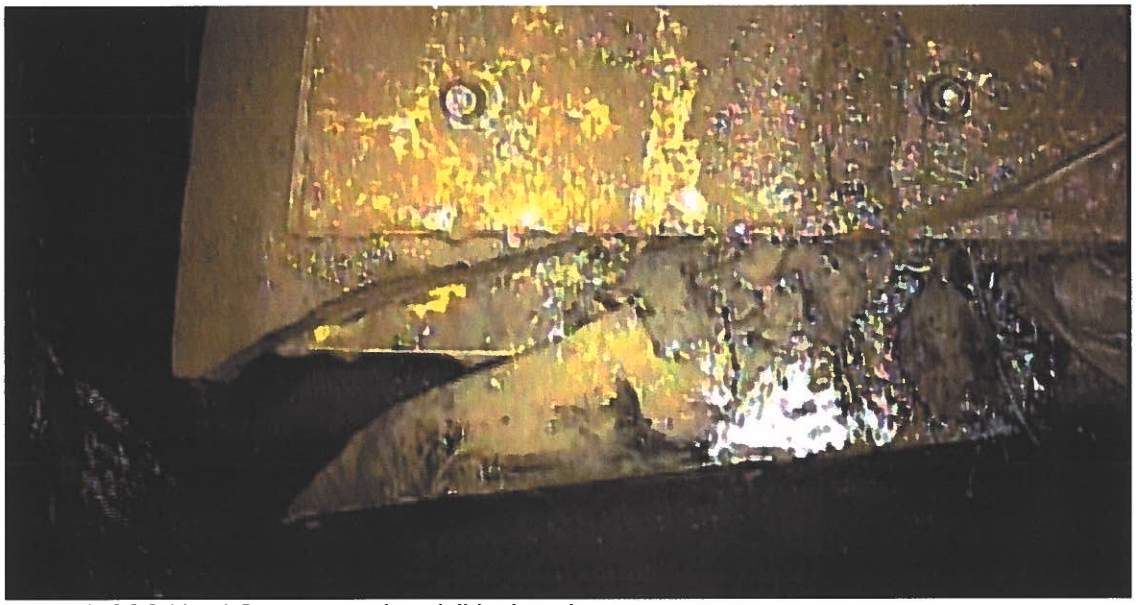


Figure 4: CSO No. 1 flap gate gasket visibly ripped

Figure 5: Sealant around flap gate in CSO No. 1 dislodged and no longer sealing (90 Manhole WWN-COM-MH-84269.mp4)

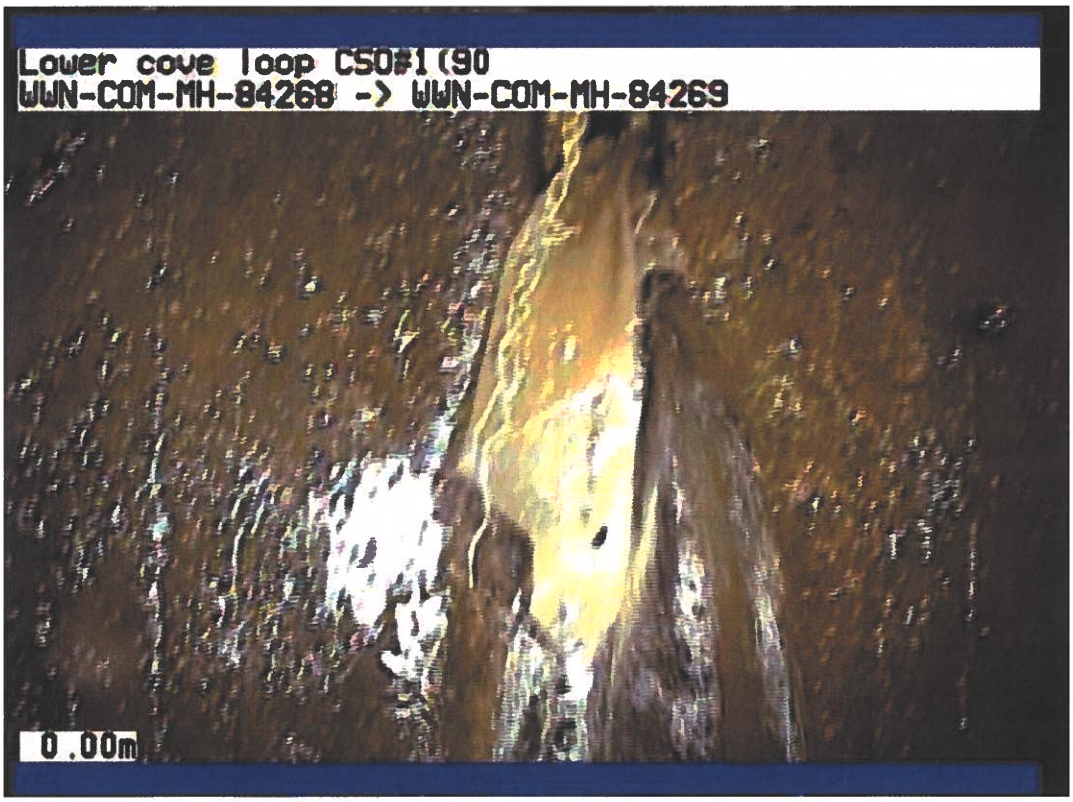


Figure 6: Visible infiltration to the left of the flap gate of CSO No. 1

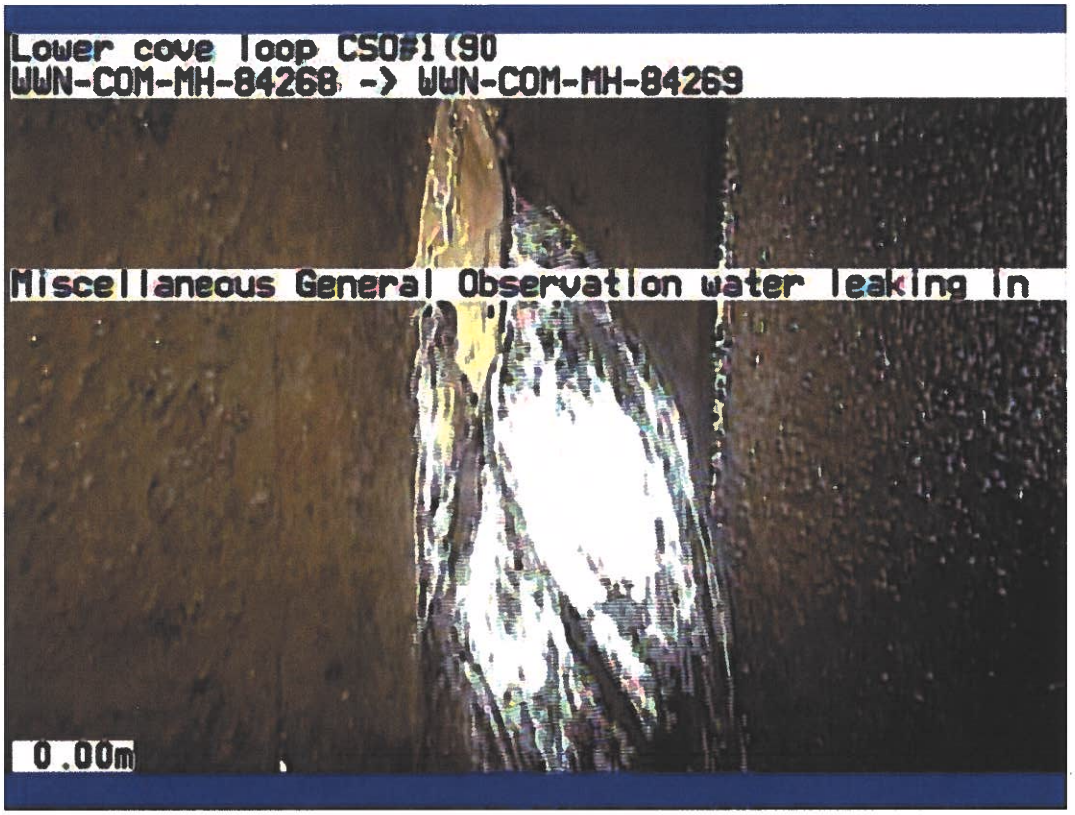


Figure 7: Visible infiltration to the left of the flap gate of CSO No. 1


Figure 8: Visible infiltration above the inlet pipe of CSO No. 1 (1:30 of video CSO#1 (90 Manhole WWN-COM-MH-84268.mp4)

Figure 9: Metal plate blocking the cut-out concrete below the flap gate on the upstream side of CSO No. 1

Figure 10: Top metal plate blocking the cut-out concrete below the flap gate on the upstream side of CSO No. 1. Visible gap between the flap gate and the concrete/grout.

Figure 11: 450 mm diameter PVC cap blocking the sluice gate and outlet pipe of CSO No. 1

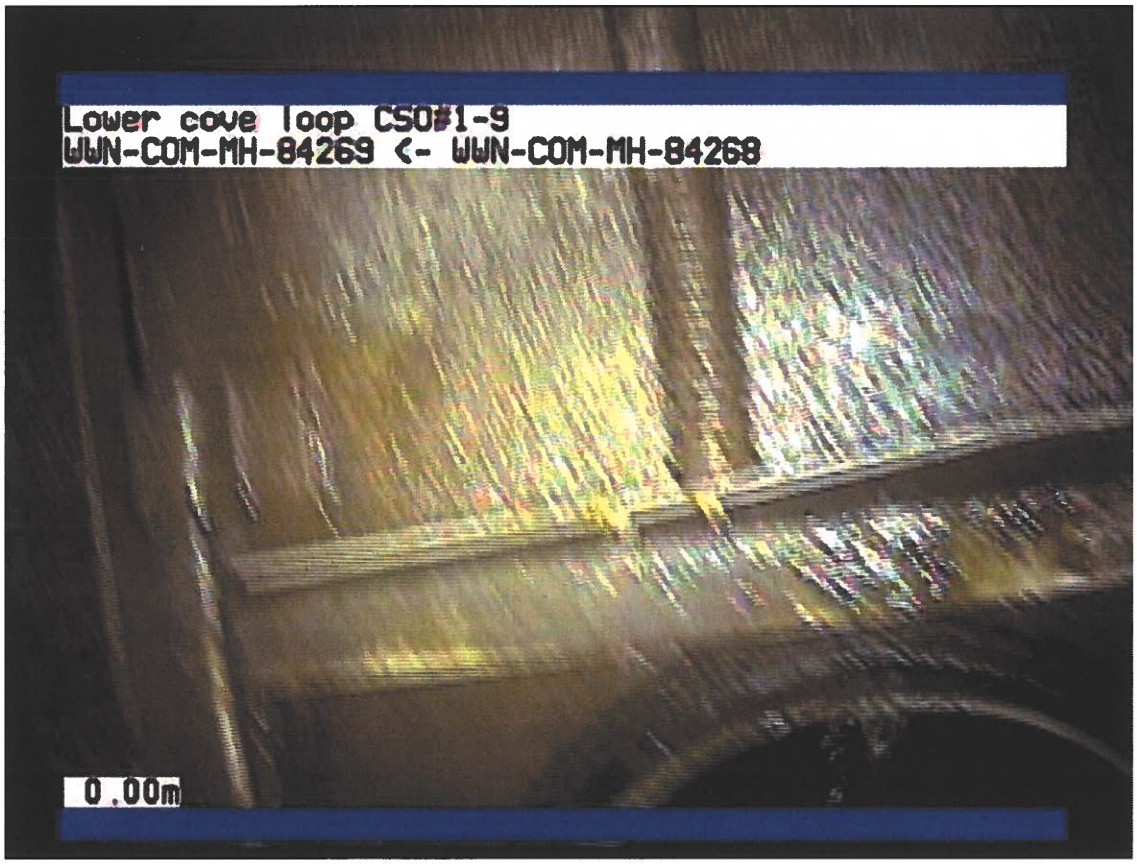


Figure 12: Sluice gate of CSO No.1's outlet pipe is visibly bent

Figure 13: Sluice gate of CSO No. 1's outlet pipe is visibly bent

Figure 14: Perimeter of CSO No. 2's outlet pipe filled with brick and rocks. Mortar seems to be washed away

Figure 15: Perimeter of CSO No.2's outlet pipe filled with brick and rocks. Mortar seems to be washed away

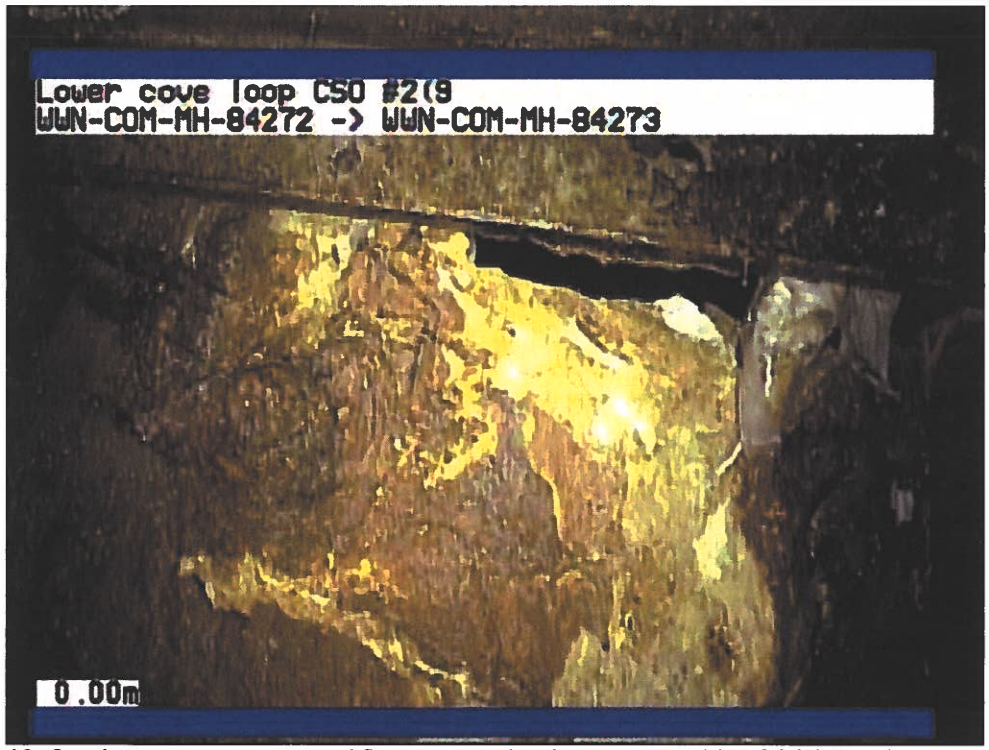


Figure 16: Gap between concrete and flap gate on the downstream side of CSO No, 2

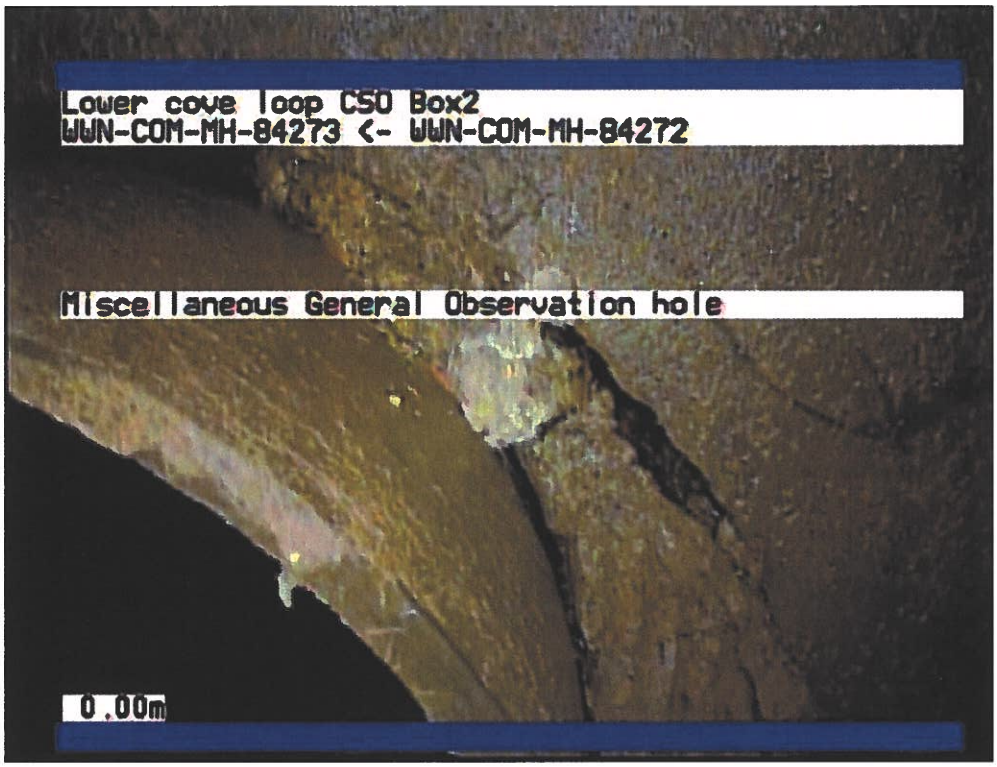


Figure 17: Perimeter of CSO No.2's inlet pipe filled with brick and rocks. Mortar seems to be washed away

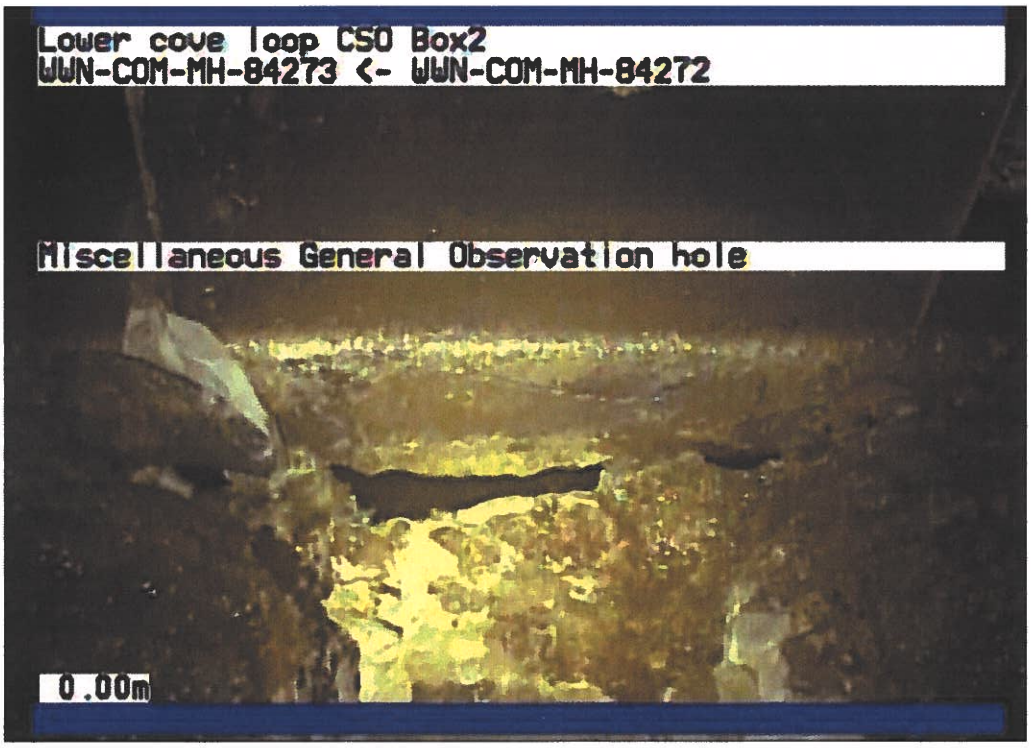


Figure 18: Gap between concrete and flap gate on the upstream side of CSO No, 2

Figure 19: Gap between concrete and flap gate on the upstream side of CSO No, 2

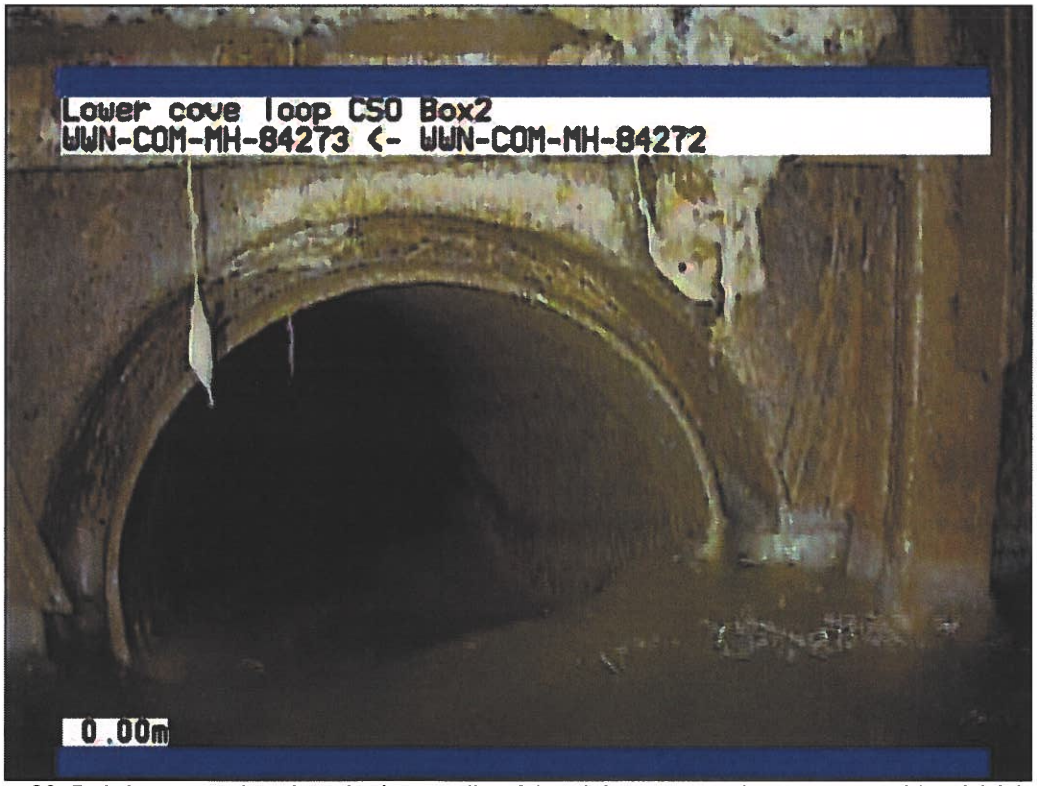


Figure 20: Debris accumulated on the bottom lip of the sluice gate on the upstream side of CSO No, 2

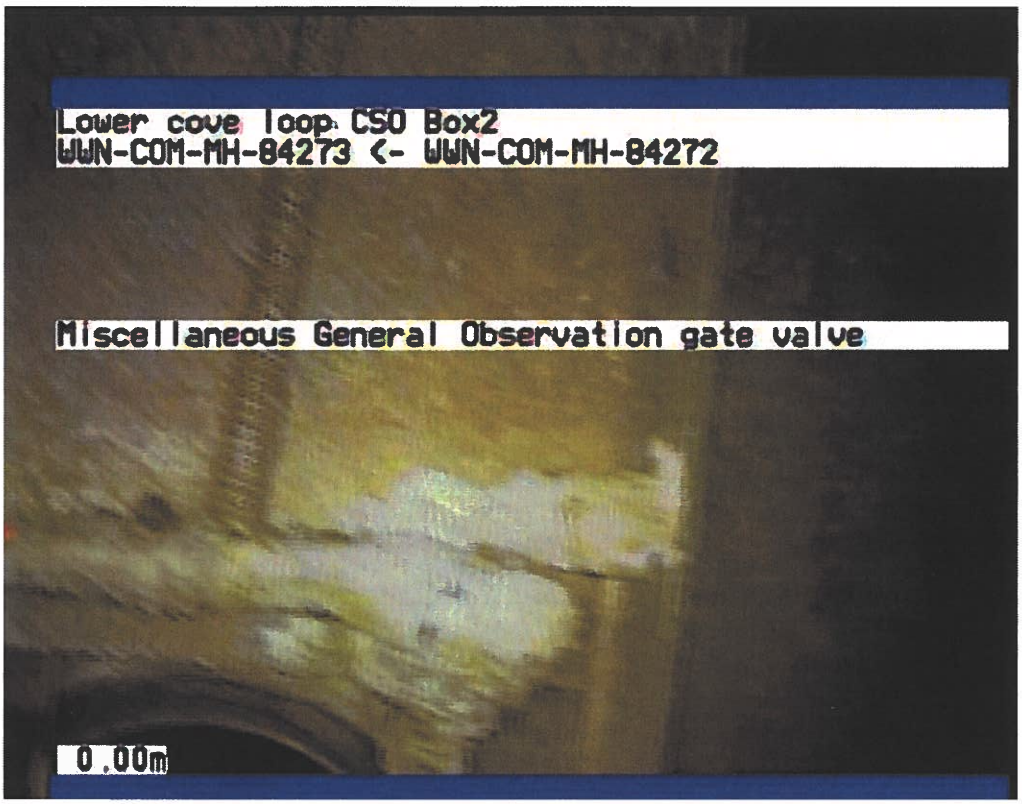


Figure 21: Debris accumulated on the bottom lip of the sluice gate on the upstream side of CSO No, 2

Figure 1: HDPE Sliplining at Outfall - Before Tideflex Install

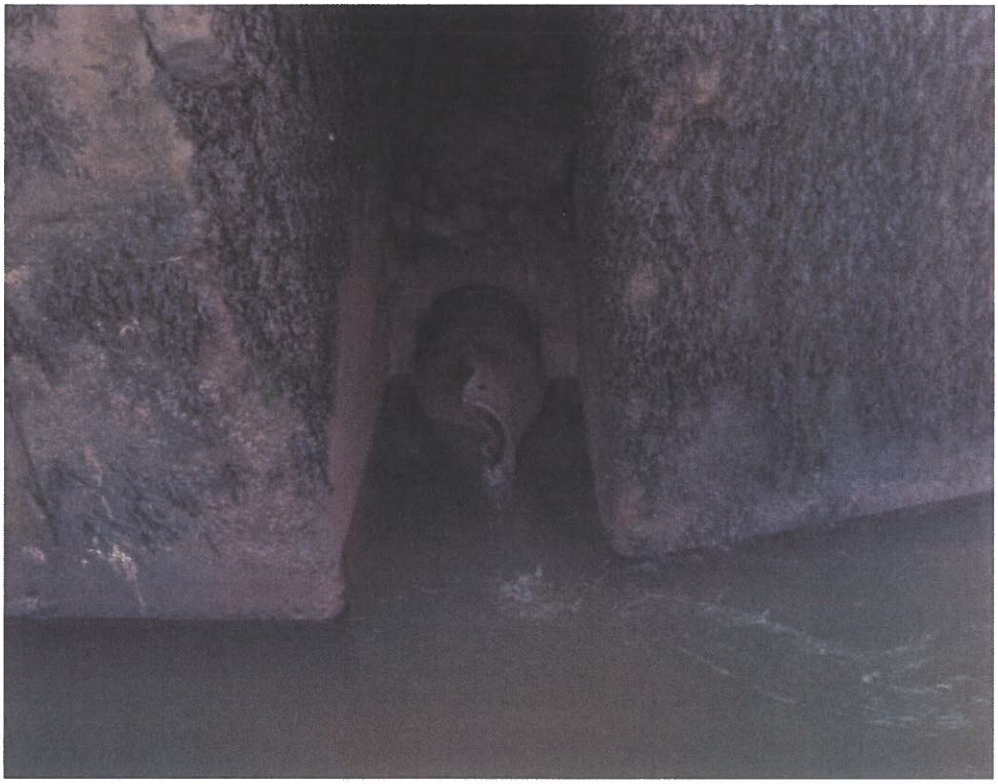
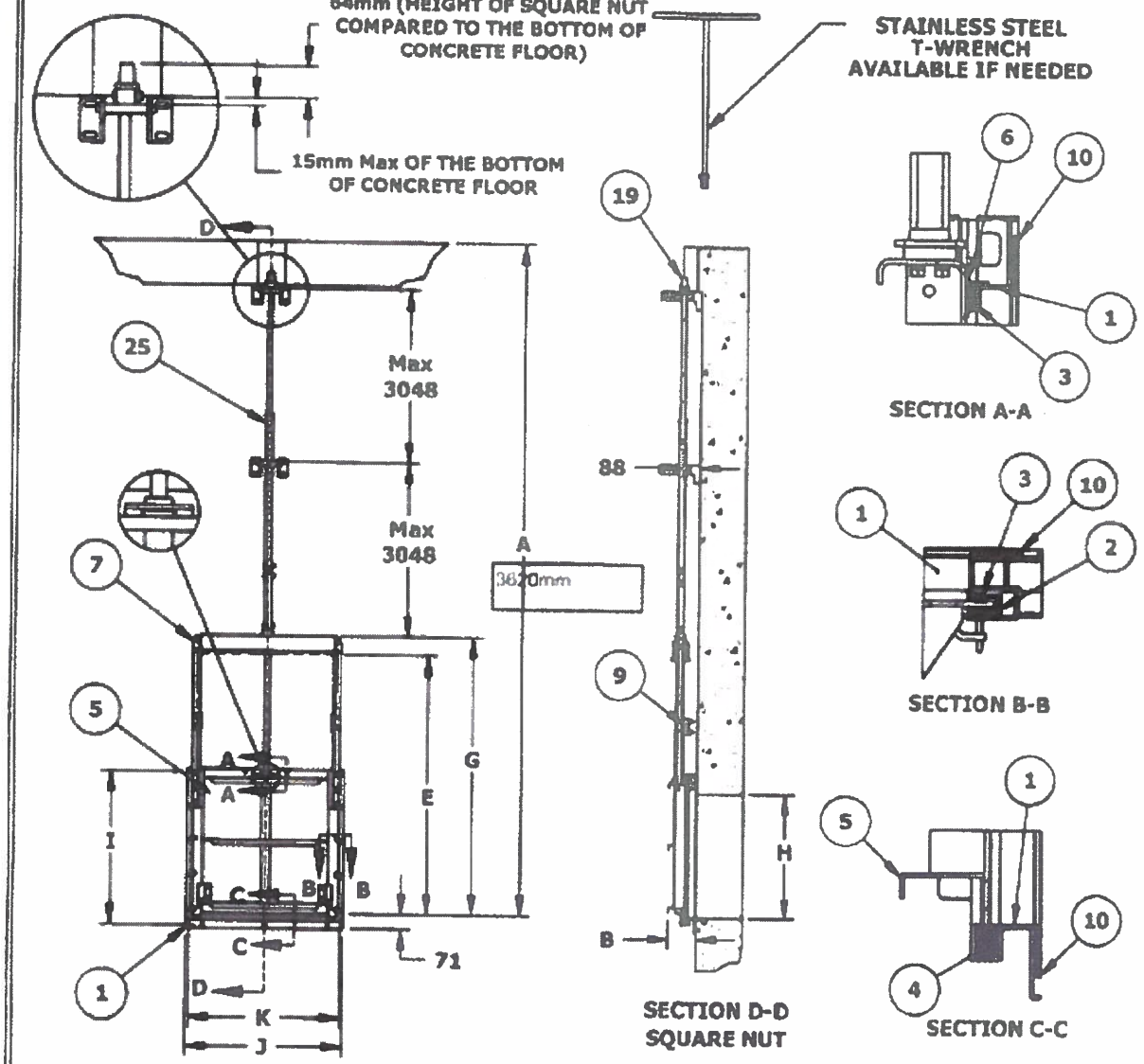


Figure 2: Damaged Tideflex at Outfall

May 28th 2012

GENERAL ARRANGEMENT - 152 CW - SELF-CONTAINED FRAME
NON-RISING SPINDLE - SQUARE NUT

Fontaine



No.	Parts	Material
1	Frame	Stainless steel ASTM A-240 Type 316L
2	Guide	Ultra High Molecular Weight Polyethylene (UHMWPE) ASTM D-4020
3	Compression cord	Nitrile ASTM D-2000 M6BG 11mm
4	Bottom seal	Neoprene ASTM D-2000 Grade 2 BC-510
5	Door	Stainless steel ASTM A-240 Type 316L
6	Top seal	Ultra High Molecular Weight Polyethylene (UHMWPE) ASTM D-4020
7	Yoke option	Stainless steel ASTM A-240 Type 316L
8	Frame extension	Stainless steel ASTM A-240 Type 316L
9	Upper door gas	
10	EPDM gasket	
11	Handwheel	
12	Enclosed gear	
13	Crank handle	
14	Spindle protect	
15	Spindle guide	
16	Guide bushing	
17	Lift nut housing	
18	Lift nut	
19	Square nut	
20	Wall bracket	
21	Pillar	
22	Electric actuato	
23	Adapter plate	
24	Electric actuato	
25	Stem and pipe	Stainless steel ASTM A-276 Type 316

Shop Drawing Review

This review is intended to assist the contractor in complying with the requirements of the Contract Documents and does not relieve him of his responsibilities under the contract

- no apparent errors
- apparent errors noted
- rejected - see remarks
- revise and resubmit

PER CBCL LIMITED

2011-28 June 1/2012

PROJECT DATE

DIMENSIONAL CHART
(E=TOP OF DOOR IN OPEN POSITION)
(H=HEIGHT AND WIDTH OF OPENING)

H	B	E	G	I	J	K
150	120	367	430	294	303	278
200	120	469	531	344	354	328
250	126	561	633	395	406	379
300	126	662	736	446	456	430
400	132	866	956	551	557	532
500	132	1069	1162	652	659	633
600	139	1272	1382	754	760	735
700	146	1483	1695	856	862	837
800	146	1686	1794	957	965	938
900	146	1889	2105	1059	1065	1040
1000	146	2092	2206	1160	1167	1141

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