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Licence: #017482

ACME ENVIRONMENTAL SERVICES
705 TORONTO ST.
REGINA, SASK
S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM1	Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE	Sewer: DM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH1A	Total length: 31.20 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH2A	Page: 1
Profile: Circle 200 / 200 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

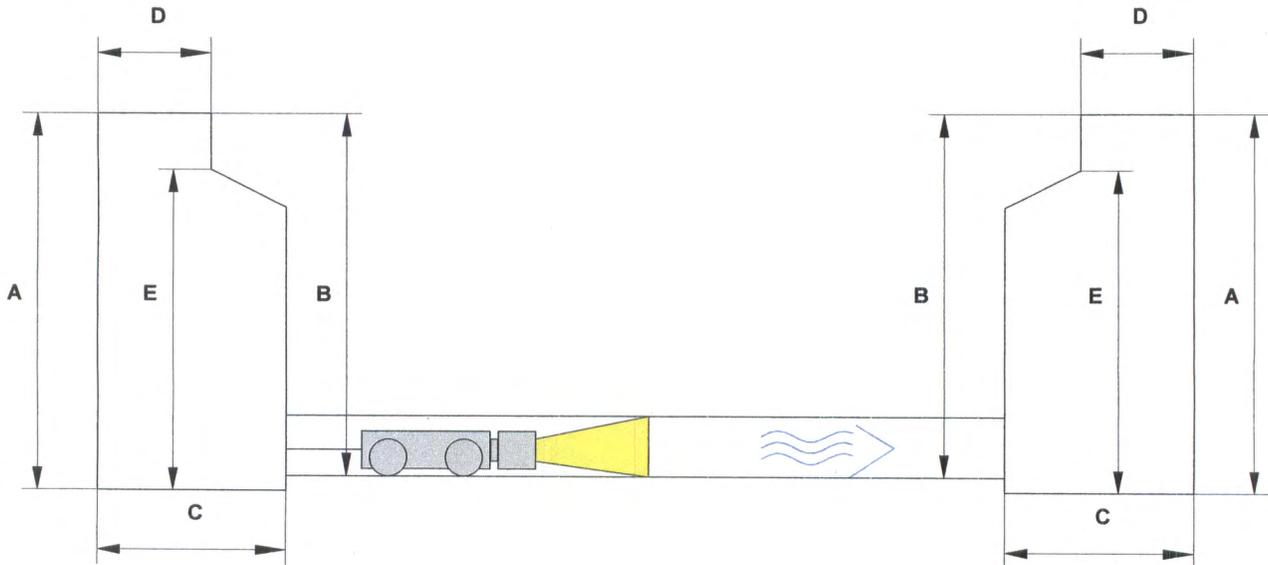
Manhole no.: MH1A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM1
Total length: 31.20 m
Insp. length: 29.90 m
Profile: Circle
Pipe size: 200 mm / 200 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH2A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 29.90 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM1	Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE	Sewer: DM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH1A	Total length: 31.20 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH2A	Page: 2
Profile: Circle 200 / 200 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM1	Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE	Sewer: DM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH1A	Total length: 31.20 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH2A	Page: 3
Profile: Circle 200 / 200 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH1A
Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH2A
Address: SHAW ST/LOWRY PL [GYMNASE] W SIDE
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM1
Plan DWG no.:
Location:
Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE
City: REGINA
Total length: 31.20 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 200 / 200 mm
Segment length:
Year of const.:
Remark:

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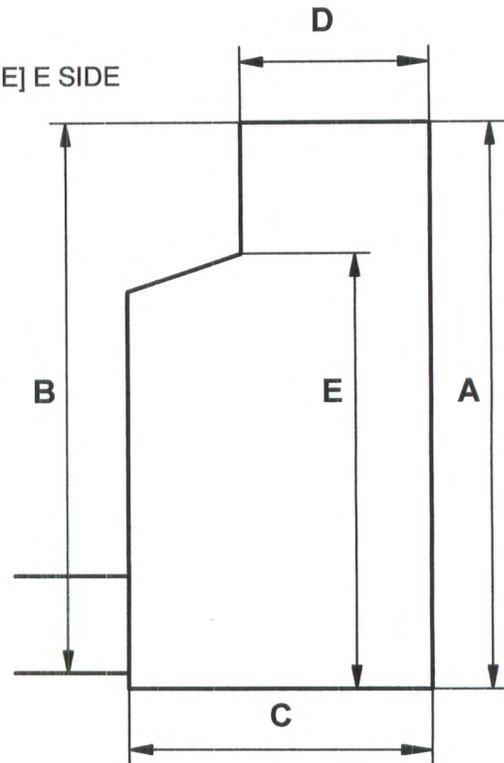
Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM1	Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE	Sewer: DM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH1A	Total length: 31.20 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH2A	Page: 4
Profile: Circle 200 / 200 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH1A
Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City

Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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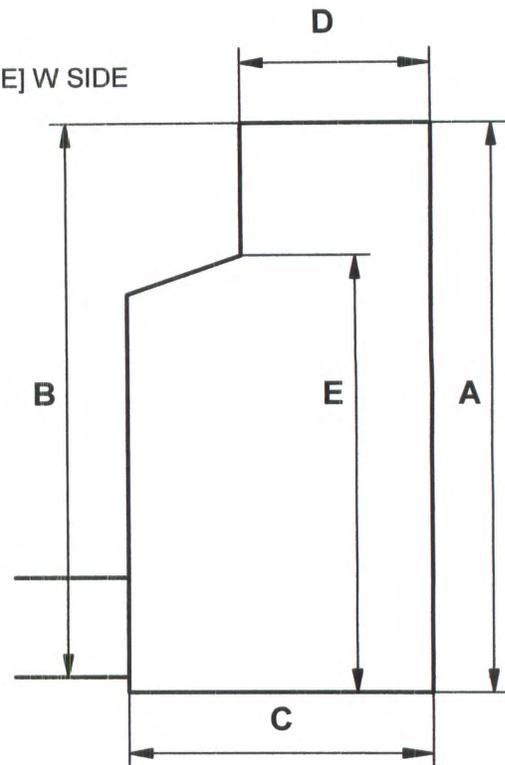


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM1	Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE	Sewer: DM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH1A	Total length: 31.20 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH2A	Page: 5
Profile: Circle 200 / 200 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH2A
Address: SHAW ST/LOWRY PL [GYMNASE] W SIDE
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM1	Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE	Sewer: DM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH1A	Total length: 31.20 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH2A	Page: 6
Profile: Circle 200 / 200 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM1 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	54 54_b
4.50	4.50	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	55
12.20	12.20	FX	Broken Pipe	80	4	00:00:00	56
18.10	18.10	MC	Pipe material changes to PVC Polyvinylchloride Pipe			00:00:00	57
31.20	31.20	FH	End of survey			00:00:00	58

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM1	Address: SHAW ST/LOWRY PL [GYMNASE] E SIDE	Sewer: DM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH1A	Total length: 31.20 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH2A	Page: 7
Profile: Circle 200 / 200 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 175

Sewer: DM1 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	54 54_b
4.50	4.50	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	55
12.20	12.20	FX	Broken Pipe	80	4	00:00:00	56
18.10	18.10	MC	Pipe material changes to PVC Polyvinylchloride Pipe			00:00:00	57
31.20	31.20	FH	End of survey			00:00:00	58

Client:
RCMP
Inspection no.:
DM1
Contract no.:

City:
REGINA
Address:
SHAW ST/LOWRY PL [GYMNASE] E SIDE
Reason of insp.:

Project: RCMP TRAINING CENTRE
Date: 16/12/2011
Sewer: DM1
Video Tape no.: 0
Start Manhole: MH1A
Total length: 31.20 m
End Manhole: MH2A
Page: 8
Material: VCT Vitrified Clay T
Condition:

Operator:
Frank McBride
Profile:
Circle 200 / 200 mm

Direction:
Downstream
Sewer type:
DOMESTIC

sewer inspection



Photo : 54 Distance: 1.30 m
Code : ST

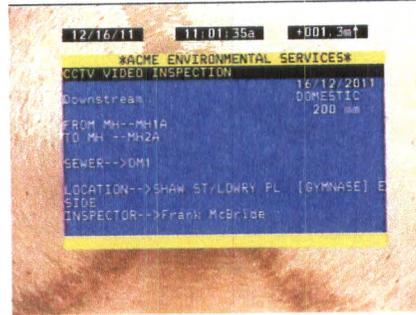


Photo : 54_b Distance: 1.30 m
Code : ST



Photo : 55 Distance: 4.50 m
Code : EL

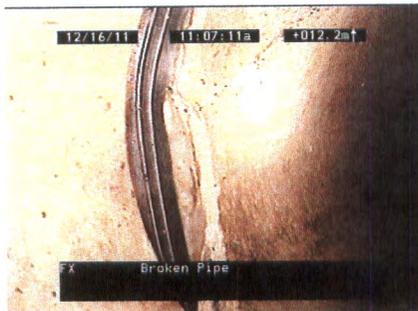


Photo : 56 Distance: 12.20 m
Code : FX



Photo : 57 Distance: 18.10 m
Code : MC

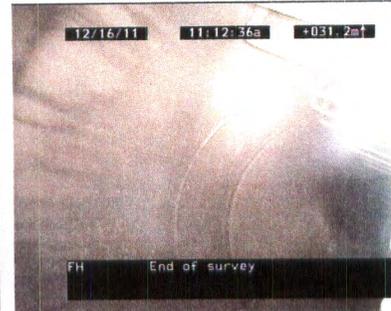


Photo : 58 Distance: 31.20 m
Code : FH

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 07/22/2011
Inspection no.: DM10	Address: PIERLET AVE/PEDERSON ST	Sewer: DM10	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH12A	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH11A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

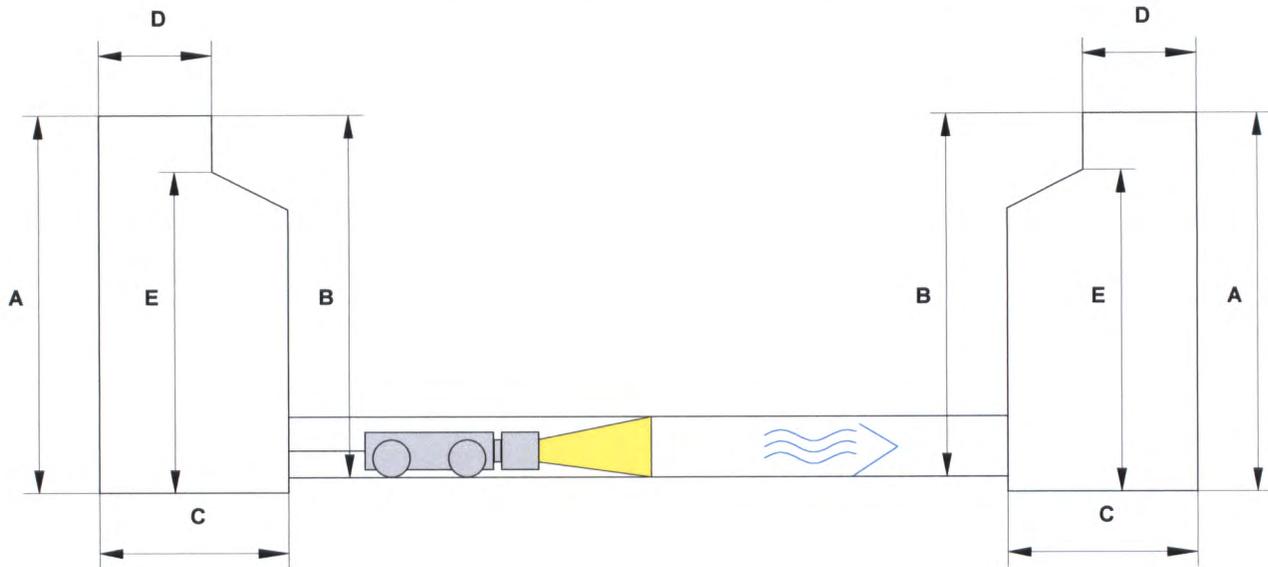
Manhole no.: MH12A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM10
Total length: 46.10 m
Insp. length: 46.10 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH11A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 46.10 m
Present:
Reason of insp.:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM10	Address: PIERLET AVE/PEDERSON ST	Sewer: DM10	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH12A	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH11A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:**City:****Contact:****P.O.B.:****Phone:****Fax:****e-mail:****Remark:**

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM10	Address: PIERLET AVE/PEDERSON ST	Sewer: DM10	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH12A	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH11A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH12A
Address: PIERLET AVE/PEDERSON ST
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH11A
Address: PIERLET AVE/1ST MH W OF MH12A
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM10
Plan DWG no.:
Location:
Address: PIERLET AVE/PEDERSON ST
City: REGINA
Total length: 46.10 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

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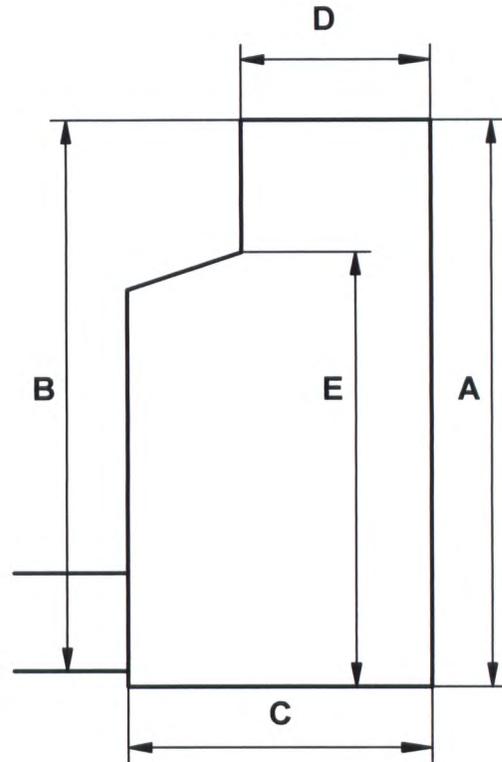


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM10	Address: PIERLET AVE/PEDERSON ST	Sewer: DM10	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH12A	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH11A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH12A
Address: PIERLET AVE/PEDERSON ST
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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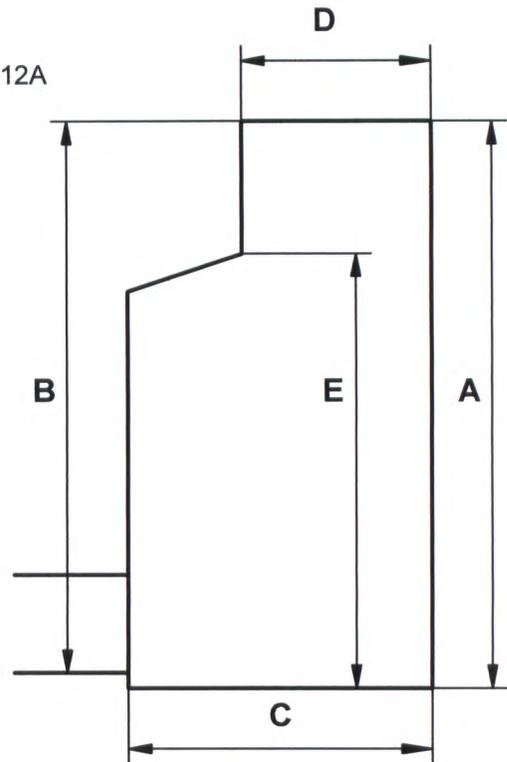


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM10	Address: PIERLET AVE/PEDERSON ST	Sewer: DM10	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH12A	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH11A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH11A
Address: PIERLET AVE/1ST MH W OF MH12A
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM10	Address: PIERLET AVE/PEDERSON ST	Sewer: DM10	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH12A	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH11A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM10 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
0.00	0.00	ST	Start of survey			00:00:00	146 146_b
7.70	7.70	DEG	S1 Debris grease, % cross-sectional area loss	2	1	00:00:00	147
13.20	13.20	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	148
21.00	21.00	DEG	F1 Debris grease, % cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	149
23.30	23.30	DEG	S2 Debris grease, % cross-sectional area loss	2	1	00:00:00	150
41.20	41.20	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	151
45.70	45.70	DEG	F2 Debris grease, % cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	152
46.10	46.10	FH	End of survey			00:00:00	153

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM10	Address: PIERLET AVE/PEDERSON ST	Sewer: DM10	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH12A	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH11A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 275

Sewer: DM10 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
0.00	0.00	ST	Start of survey			00:00:00	146 146_b
7.70	7.70	DEG	S1 Debris grease, % cross-sectional area loss	2	1	00:00:00	147
13.20	13.20	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	148
21.00	21.00	DEG	F1 Debris grease, % cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	149
23.30	23.30	DEG	S2 Debris grease, % cross-sectional area loss	2	1	00:00:00	150
41.20	41.20	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	151
45.70	45.70	DEG	F2 Debris grease, % cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	152
46.10	46.10	FH	End of survey			00:00:00	153

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/21/2011
Inspection no.: DM10	Address: PIERLET AVE/PEDERSON ST	Sewer: DM10	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH12A	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH11A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

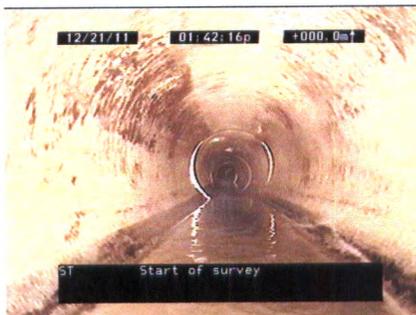


Photo : 146 Distance: 0.00 m
Code : ST

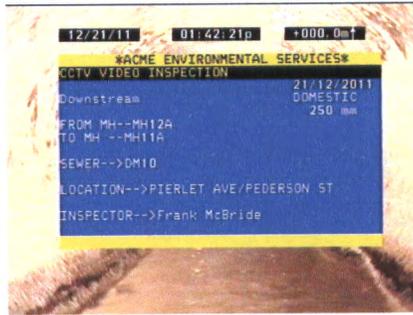


Photo : 146_b Distance: 0.00 m
Code : ST



Photo : 147 Distance: 7.70 m
Code : DEG

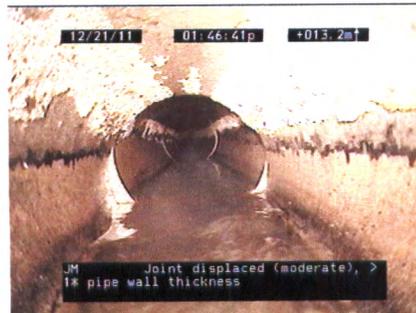


Photo : 148 Distance: 13.20 m
Code : JM



Photo : 149 Distance: 21.00 m
Code : DEG



Photo : 150 Distance: 23.30 m
Code : DEG



Photo : 151 Distance: 41.20 m
Code : JM



Photo : 152 Distance: 45.70 m
Code : DEG



Photo : 153 Distance: 46.10 m
Code : FH

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 28/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

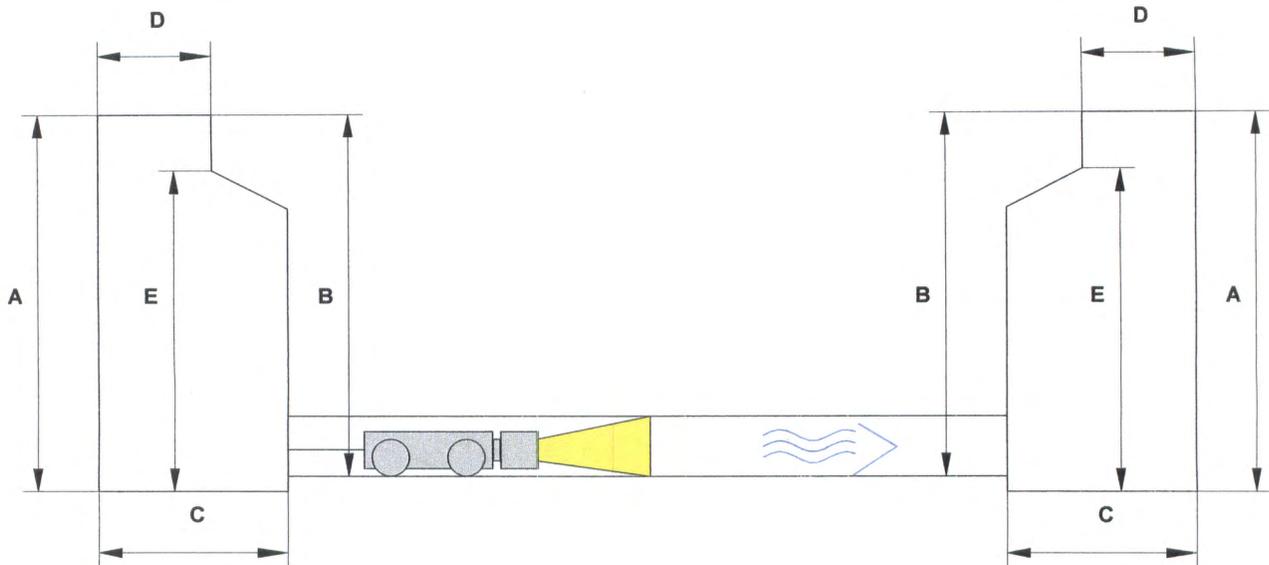
Manhole no.: MH13A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM11
Total length: 30.50 m
Insp. length: 29.20 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH12A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 29.20 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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S4R8G1
PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH13A
Address: PIERLET AVE/1ST MH E OF MH12A
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH12A
Address: PIERLET AVE/PEDERSON ST
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM11
Plan DWG no.:
Location:
Address: PIERLET AVE/1ST MH E OF MH12A
City: REGINA
Total length: 30.50 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

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PH# 1-800-914-1121

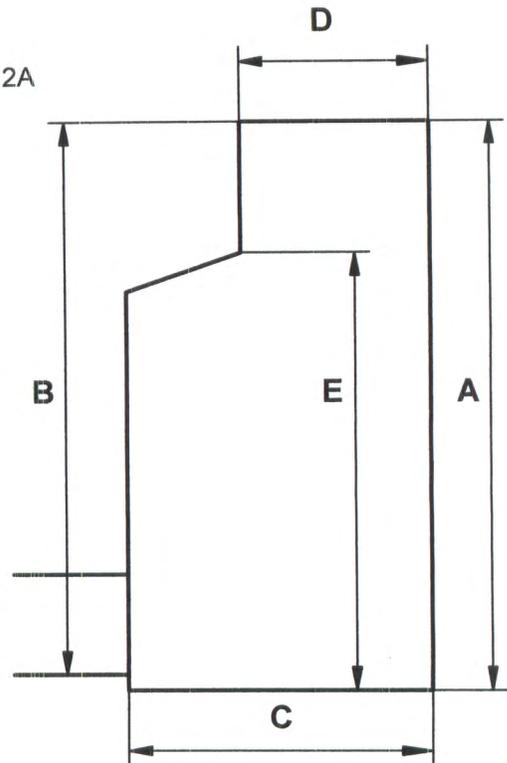


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH13A
Address: PIERLET AVE/1ST MH E OF MH12A
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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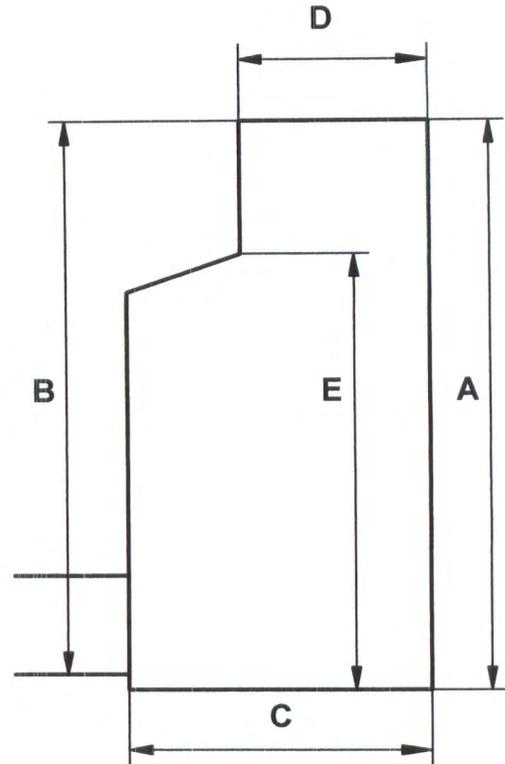


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH12A
Address: PIERLET AVE/PEDERSON ST
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM11 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	135 135_b
4.80	4.80	PR	Pipe repair diameter mm material			00:00:00	136
4.80	4.80	CM	Longitudinal cracking (moderate)	10	2	00:00:00	137
5.20	5.20	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	138
5.80	5.80	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	139
10.60	10.60	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	140
12.00	12.00	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	141
15.20	15.20	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	142
16.80	16.80	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	143
19.90	19.90	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	144 144_b
30.50	30.50	FH	End of survey			00:00:00	145



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 07/22/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM11 Score: 0

1 : 175

Start	End Code	Description	Score	DC	Video	Photo
1.30	1.30 ST	Start of survey			00:00:00	135 135_b
4.80	4.80 PR	Pipe repair diameter mm material			00:00:00	136
4.80	4.80 CM	Longitudinal cracking (moderate)	10	2	00:00:00	137
5.20	5.20 EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	138
5.80	5.80 JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	139
10.60	10.60 EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	140
12.00	12.00 EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	141
15.20	15.20 EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	142
16.80	16.80 EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	143
19.90	19.90 EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	144 144_b
30.50	30.50 FH	End of survey			00:00:00	145

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

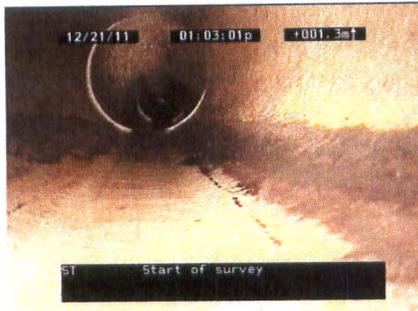


Photo : 135 Distance: 1.30 m
Code : ST

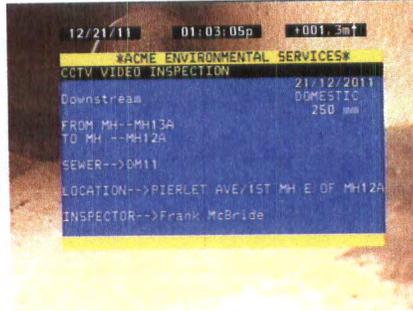


Photo : 135_b Distance: 1.30 m
Code : ST



Photo : 136 Distance: 4.80 m
Code : PR

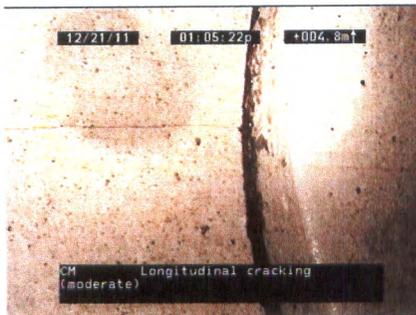


Photo : 137 Distance: 4.80 m
Code : CM

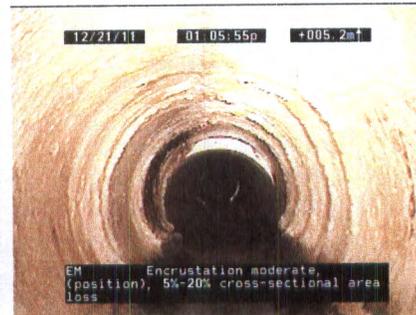


Photo : 138 Distance: 5.20 m
Code : EM

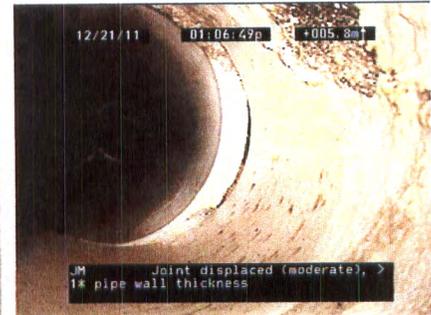


Photo : 139 Distance: 5.80 m
Code : JM



Photo : 140 Distance: 10.60 m
Code : EL

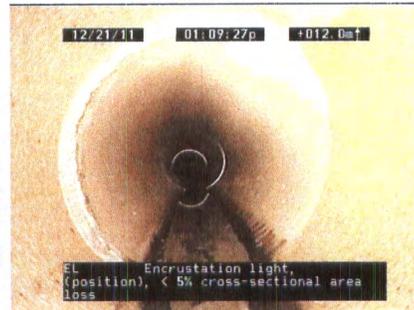


Photo : 141 Distance: 12.00 m
Code : EL



Photo : 142 Distance: 15.20 m
Code : EL

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM11	Address: PIERLET AVE/1ST MH E OF MH12A	Sewer: DM11	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH13A	Total length: 30.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 9
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

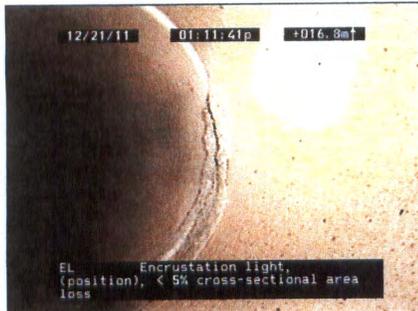


Photo : 143 Distance: 16.80 m
Code : EL



Photo : 144 Distance: 19.90 m
Code : EL

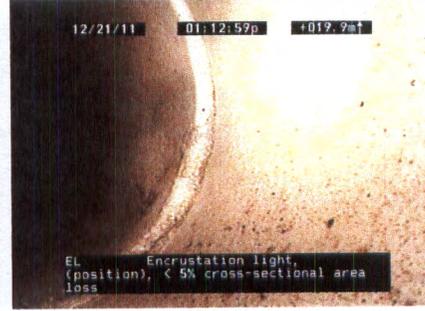


Photo : 144_b Distance: 19.90 m
Code : EL



Photo : 145 Distance: 30.50 m
Code : FH

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

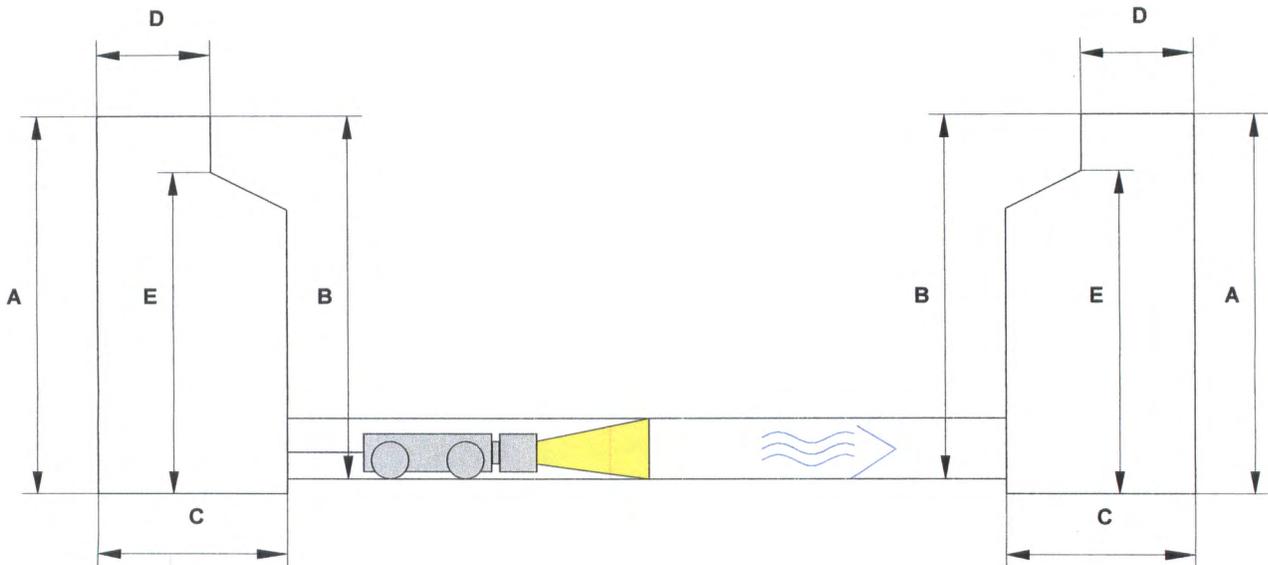
Manhole no.: MH14A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM12
Total length: 64.50 m
Insp. length: 64.50 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH12A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 64.50 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH14A
Address: PEDERSON ST/1ST MH S OF MH15A
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH12A
Address: PIERLET AVE/PEDERSON ST
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM12
Plan DWG no.:
Location:
Address: PEDERSON ST/1ST MH S OF MH15A
City: REGINA
Total length: 64.50 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

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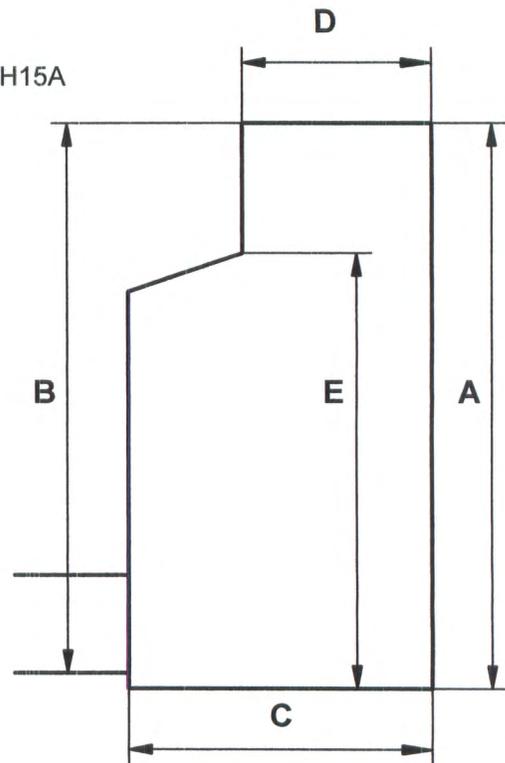


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH14A
Address: PEDERSON ST/1ST MH S OF MH15A
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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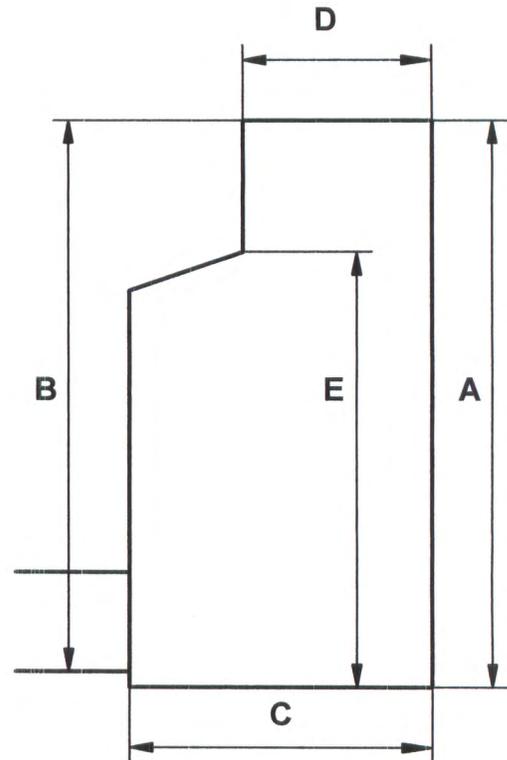


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH12A
Address: PIERLET AVE/PEDERSON ST
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM12 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
0.00	0.00	ST	Start of survey			00:00:00	117 117_b
10.40	10.40	CM	Longitudinal cracking (moderate) at 12 o'clock	10	1	00:00:00	118
10.40	10.40	CNI	Service connection intruding diameter 150 mm intrusion 50 mm at 2 o'clock material			00:00:00	119 119_b
12.30	12.30	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	120
15.20	15.20	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	121
15.20	15.20	RF	Roots fine	1	1	00:00:00	122
18.30	18.30	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	123
21.60	21.60	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	124
27.80	27.80	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	125
31.10	31.10	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	126
34.10	34.10	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	127
36.80	36.80	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	128
55.40	55.40	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	129
58.50	58.50	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	130
60.10	60.10	JS	Joint displaced (severe), > 10% of diameter or soil is visible around joint	80	4	00:00:00	131
61.80	61.80	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	132
63.20	63.20	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	133
64.50	64.50	FH	End of survey			00:00:00	134



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 375

Sewer: DM12 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
0.00	0.00	ST	Start of survey			00:00:00	117 117_b
10.40	10.40	CM	Longitudinal cracking (moderate) at 12 o'clock	10	1	00:00:00	118
10.40	10.40	CNI	Service connection intruding diameter 150 mm intrusion 50 mm at 2 o'clock material			00:00:00	119 119_b
12.30	12.30	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	120
15.20	15.20	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	121
15.20	15.20	RF	Roots fine	1	1	00:00:00	122
18.30	18.30	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	123
21.60	21.60	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	124
27.80	27.80	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	125
31.10	31.10	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	126
34.10	34.10	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	127
36.80	36.80	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	128
55.40	55.40	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	129
58.50	58.50	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	130
60.10	60.10	JS	Joint displaced (severe), > 10% of diameter or soil is visible around joint	80	4	00:00:00	131
61.80	61.80	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	132
63.20	63.20	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	133
64.50	64.50	FH	End of survey			00:00:00	134

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ACME ENVIRONMENTAL SERVICES
705 TORONTO ST.
REGINA, SASK
S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/21/2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 117 Distance: 0.00 m
Code : ST

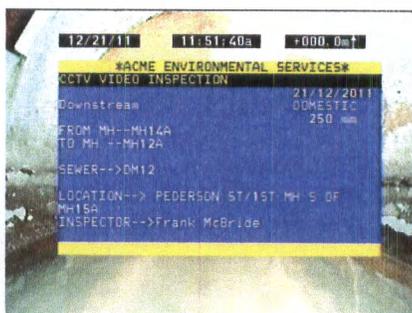


Photo : 117_b Distance: 0.00 m
Code : ST



Photo : 118 Distance: 10.40 m
Code : CM



Photo : 119 Distance: 10.40 m
Code : CNI



Photo : 119_b Distance: 10.40 m
Code : CNI

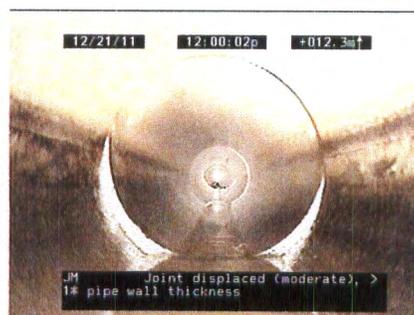


Photo : 120 Distance: 12.30 m
Code : JM

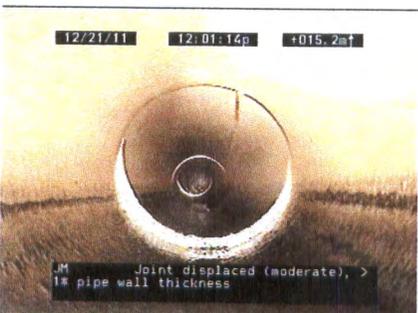


Photo : 121 Distance: 15.20 m
Code : JM

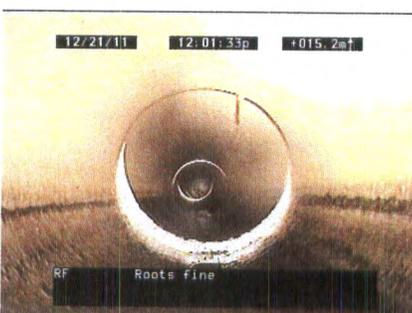


Photo : 122 Distance: 15.20 m
Code : RF



Photo : 123 Distance: 18.30 m
Code : JL

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 9
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 124 Distance: 21.60 m
Code : JL



Photo : 125 Distance: 27.80 m
Code : JL

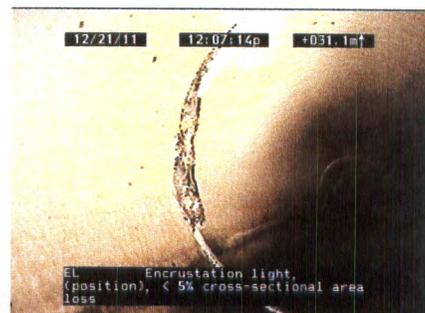


Photo : 126 Distance: 31.10 m
Code : EL

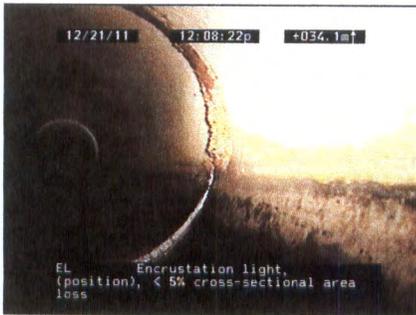


Photo : 127 Distance: 34.10 m
Code : EL

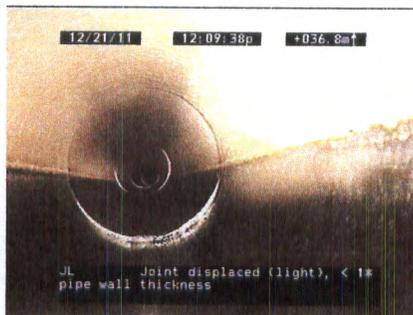


Photo : 128 Distance: 36.80 m
Code : JL

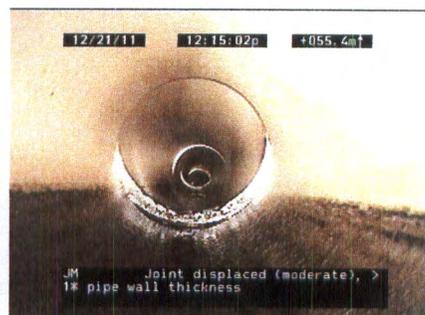


Photo : 129 Distance: 55.40 m
Code : JM

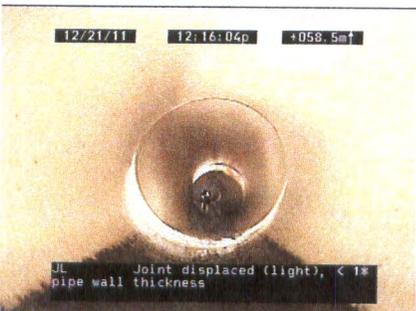


Photo : 130 Distance: 58.50 m
Code : JL



Photo : 131 Distance: 60.10 m
Code : JS

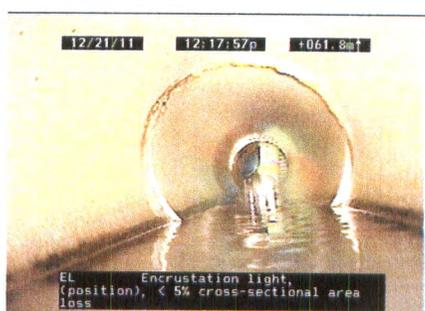


Photo : 132 Distance: 61.80 m
Code : EL

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/21/2011
Inspection no.: DM12	Address: PEDERSON ST/1ST MH S OF MH15A	Sewer: DM12	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH14A	Total length: 64.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH12A	Page: 10
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 133

Distance: 63.20 m

Code : JL



Photo : 134

Distance: 64.50 m

Code : FH

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 07/22/2011
Inspection no.: DM13	Address: KING BLVD/ 1ST MH E OF PEDERSON ST	Sewer: DM13	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH15A	Total length: 11.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH14A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

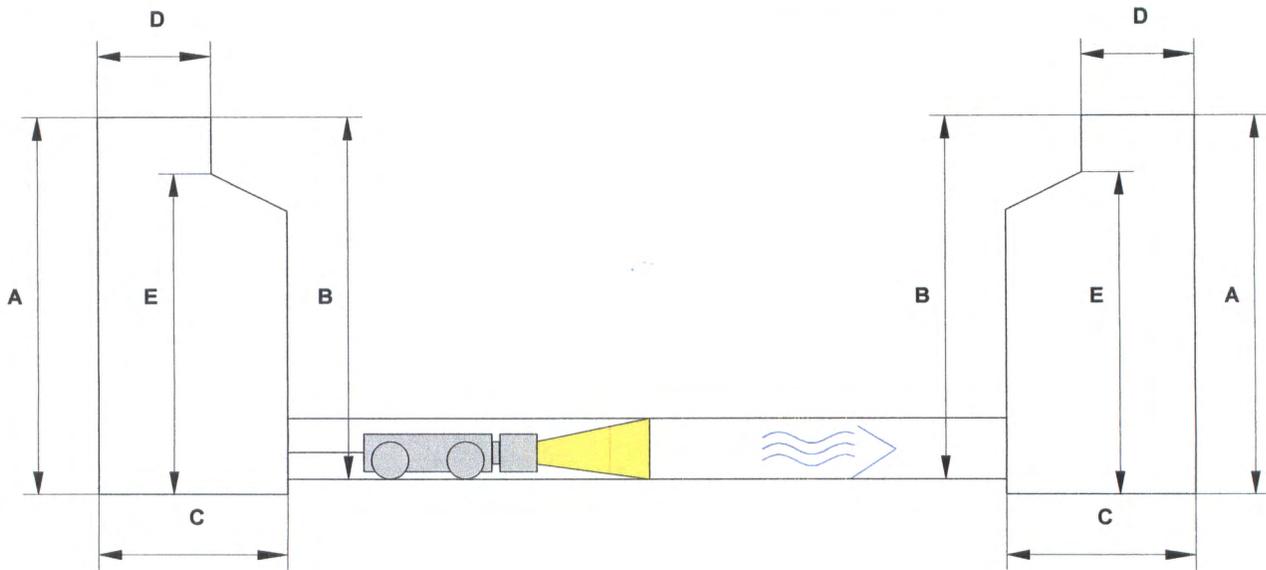
Manhole no.: MH15A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM13
Total length: 11.10 m
Insp. length: 9.80 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: PVC Polvinylchloride Pipe
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH14A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 9.80 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM13	Address: KING BLVD/ 1ST MH E OF PEDERSON ST	Sewer: DM13	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH15A	Total length: 11.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH14A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM13	Address: KING BLVD/ 1ST MH E OF PEDERSON ST	Sewer: DM13	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH15A	Total length: 11.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH14A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH15A
Address: KING BLVD/ 1ST MH E OF PEDERSON ST
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH14A
Address: PEDERSON ST/1ST MH S OF MH15A
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM13
Plan DWG no.:
Location:
Address: KING BLVD/ 1ST MH E OF PEDERSON ST
City: REGINA
Total length: 11.10 m
Sewer type: DOMESTIC
Material: PVC Polyvinylchloride Pipe
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

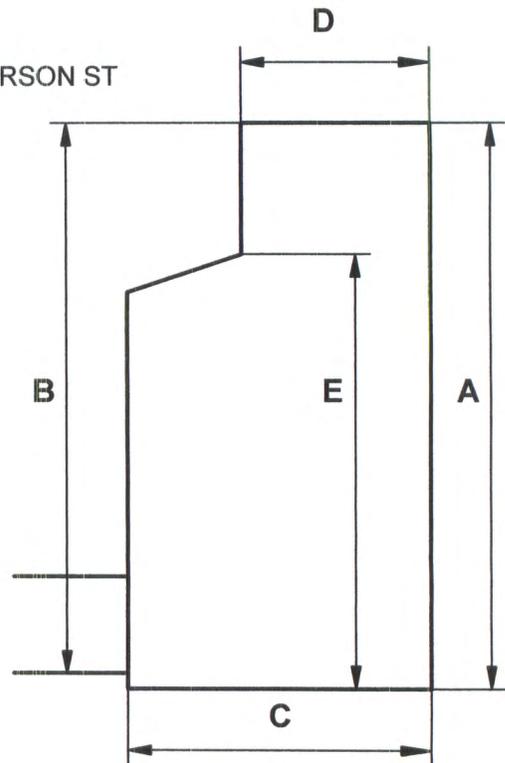


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM13	Address: KING BLVD/ 1ST MH E OF PEDERSON ST	Sewer: DM13	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH15A	Total length: 11.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH14A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Manhole data:

Manhole no.: MH15A
Address: KING BLVD/ 1ST MH E OF PEDERSON ST
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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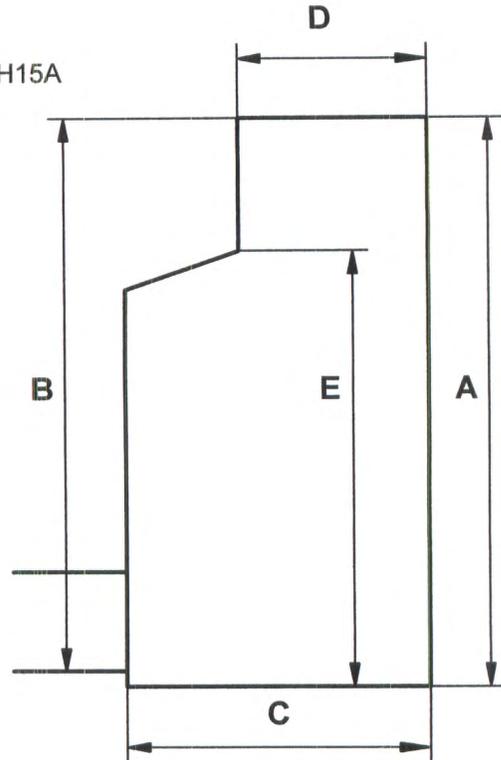


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM13	Address: KING BLVD/ 1ST MH E OF PEDERSON ST	Sewer: DM13	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH15A	Total length: 11.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH14A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Manhole data:

Manhole no.: MH14A
Address: PEDERSON ST/1ST MH S OF MH15A
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM13	Address: KING BLVD/ 1ST MH E OF PEDERSON ST	Sewer: DM13	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH15A	Total length: 11.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH14A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

Sewer: DM13 Score: 0

Start	End	Code	Description	Score	DC Video	Photo
1.30	1.30	ST	Start of survey		00:00:00	115 115_b
11.10	11.10	FH	End of survey		00:00:00	116

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REGINA, SASK
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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM13	Address: KING BLVD/ 1ST MH E OF PEDERSON ST	Sewer: DM13	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH15A	Total length: 11.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH14A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

1 : 75

Sewer: DM13 Score: 0

Start	End Code	Description	Score	DC Video	Photo
1.30	1.30 ST	Start of survey		00:00:00	115 115_b
11.10	11.10 FH	End of survey		00:00:00	116

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REGINA, SASK
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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 12/22/2011
Inspection no.: DM13	Address: KING BLVD/ 1ST MH E OF PEDERSON ST	Sewer: DM13	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH15A	Total length: 11.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH14A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection



Photo : 115 Distance: 1.30 m
Code : ST

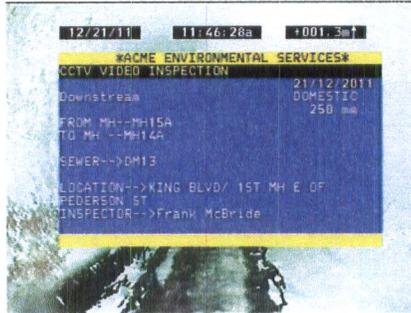


Photo : 115_b Distance: 1.30 m
Code : ST



Photo : 116 Distance: 11.10 m
Code : FH



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

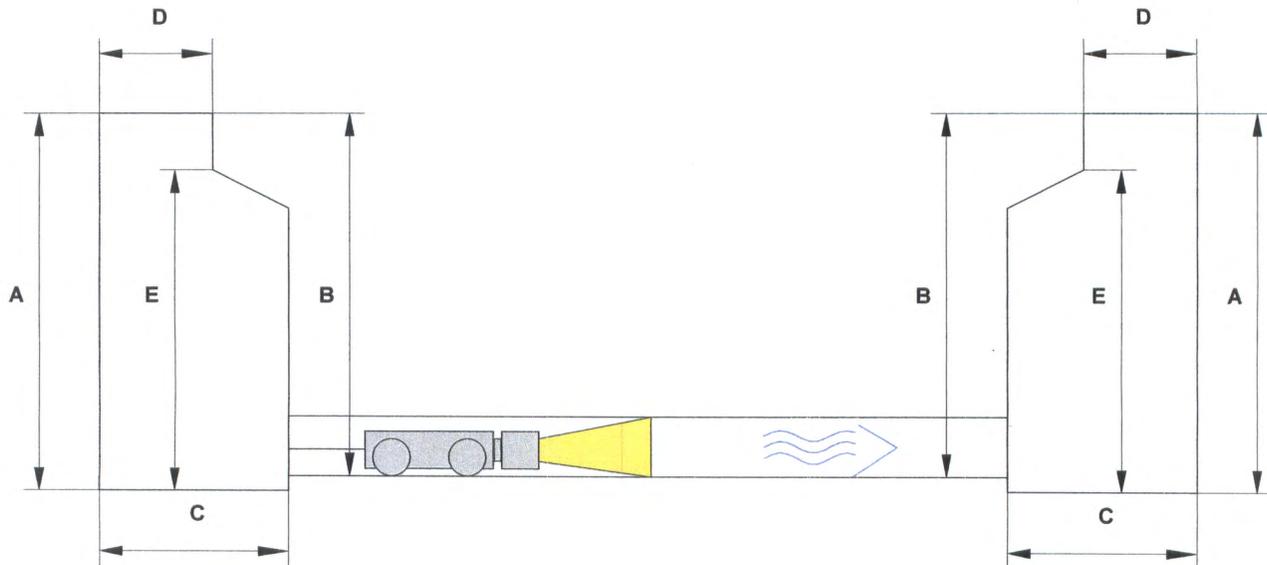
Manhole no.: MH16A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM14
Total length: 69.50 m
Insp. length: 68.20 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH15A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.: 00:00:00
End Pos.: 00:00:00
Insp. length: 68.20 m
Present:
Reason of insp.:

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S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH16A
Address: KING BLVD/ 1ST MH W OF MH17A
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH15A
Address: KING BLVD/ 1ST MH E OF PEDERSON ST
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM14
Plan DWG no.:
Location:
Address: KING BLVD/ 1ST MH W OF MH17A
City: REGINA
Total length: 69.50 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

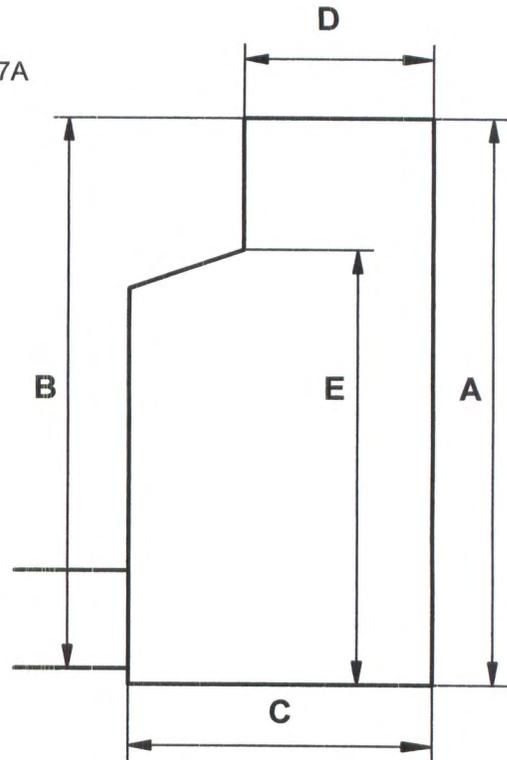


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH16A
Address: KING BLVD/ 1ST MH W OF MH17A
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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PH# 1-800-914-1121

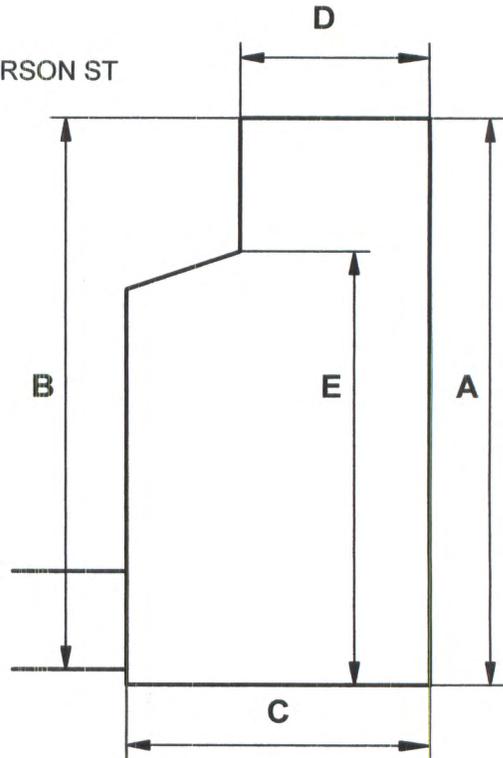


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH15A
Address: KING BLVD/ 1ST MH E OF PEDERSON ST
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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 PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 07/22/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM14 Score: 96

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	101 101_b
1.30	1.30	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	102
10.10	10.10	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	103
14.80	14.80	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	104
19.40	19.40	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	105
23.90	23.90	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	106
24.10	24.10	HM	Hole in pipe, Radial extent < 1/4	80	4	00:00:00	107
28.60	28.60	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	108
39.40	39.40	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	109
42.50	42.50	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	110
45.80	45.80	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	111
61.20	61.20	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	113
69.50	69.50	FH	End of survey			00:00:00	114



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 400

Sewer: DM14 Score: 96

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	101 101_b
1.30	1.30	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	102
10.10	10.10	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	103
14.80	14.80	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	104
19.40	19.40	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	105
23.90	23.90	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	106
24.10	24.10	HM	Hole in pipe, Radial extent < 1/4	80	4	00:00:00	107
28.60	28.60	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	108
39.40	39.40	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	109
42.50	42.50	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	110
45.80	45.80	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	111
61.20	61.20	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	113
69.50	69.50	FH	End of survey			00:00:00	114

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 12/22/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 101 Distance: 1.30 m
Code : ST

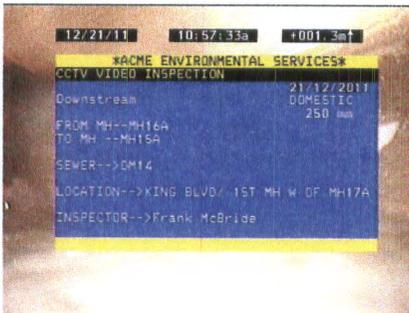


Photo : 101_b Distance: 1.30 m
Code : ST



Photo : 102 Distance: 1.30 m
Code : EM



Photo : 103 Distance: 10.10 m
Code : EM



Photo : 104 Distance: 14.80 m
Code : EM

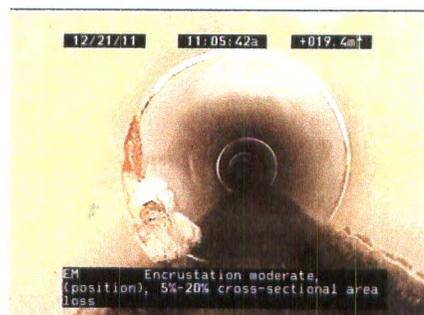


Photo : 105 Distance: 19.40 m
Code : EM



Photo : 106 Distance: 23.90 m
Code : EL



Photo : 107 Distance: 24.10 m
Code : HM

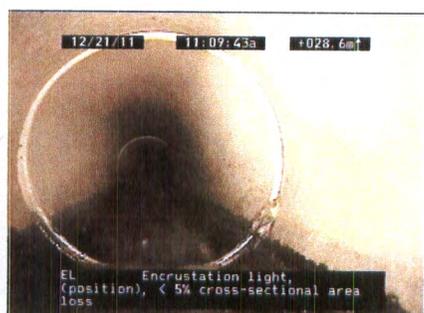


Photo : 108 Distance: 28.60 m
Code : EL

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM14	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM14	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 69.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH15A	Page: 9
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 109 Distance: 39.40 m
Code : JM

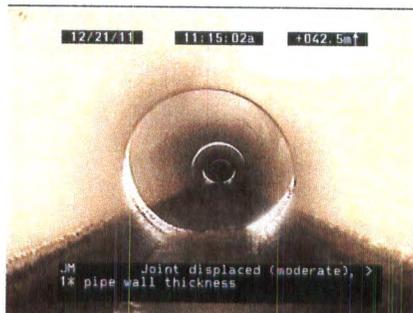


Photo : 110 Distance: 42.50 m
Code : JM

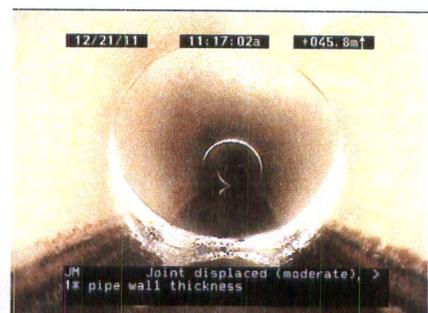


Photo : 111 Distance: 45.80 m
Code : JM



Photo : 113 Distance: 61.20 m
Code : JL



Photo : 114 Distance: 69.50 m
Code : FH

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 21/02/2011
Inspection no.: DM15	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM15	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 63.00 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH17A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

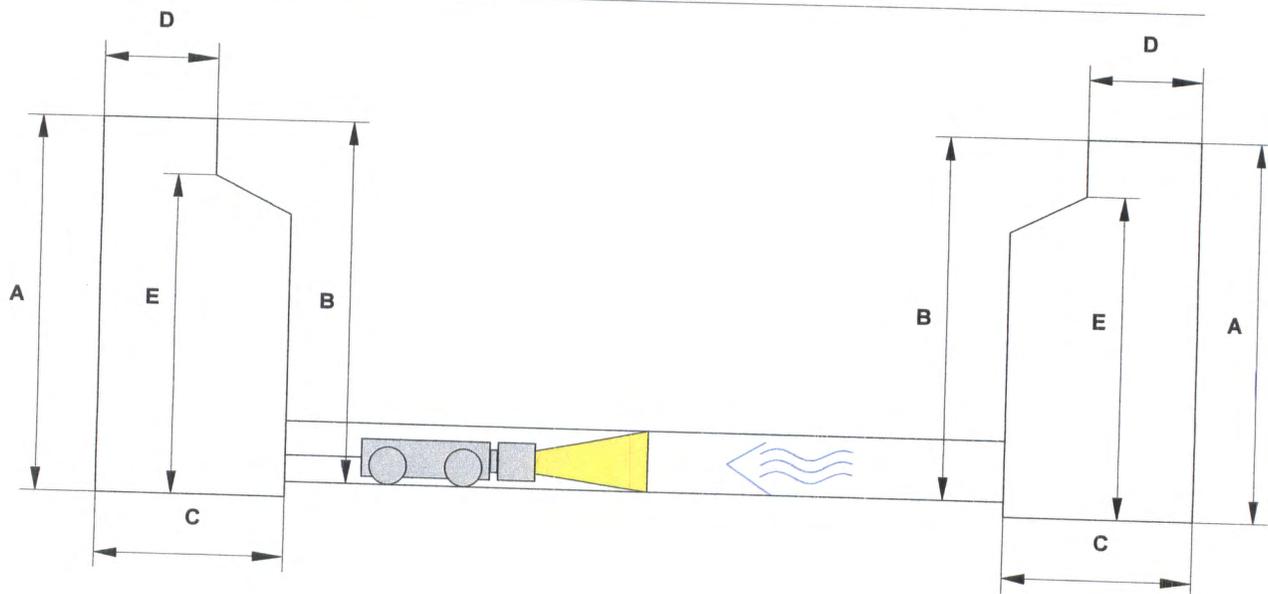
Manhole no.: MH16A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM15
Total length: 63.00 m
Insp. length: 55.40 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH17A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 55.40 m
Present:
Reason of insp.:

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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 12/12/2011
Inspection no.: DM15	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM15	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 63.00 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH17A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 20/2011
Inspection no.: DM15	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM15	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 63.00 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH17A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH17A
Address: ARNOLD MEWS/S W CORNER OF TBU58
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH16A
Address: KING BLVD/ 1ST MH W OF MH17A
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM15
Plan DWG no.:
Location:
Address: KING BLVD/ 1ST MH W OF MH17A
City: REGINA
Total length: 63.00 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

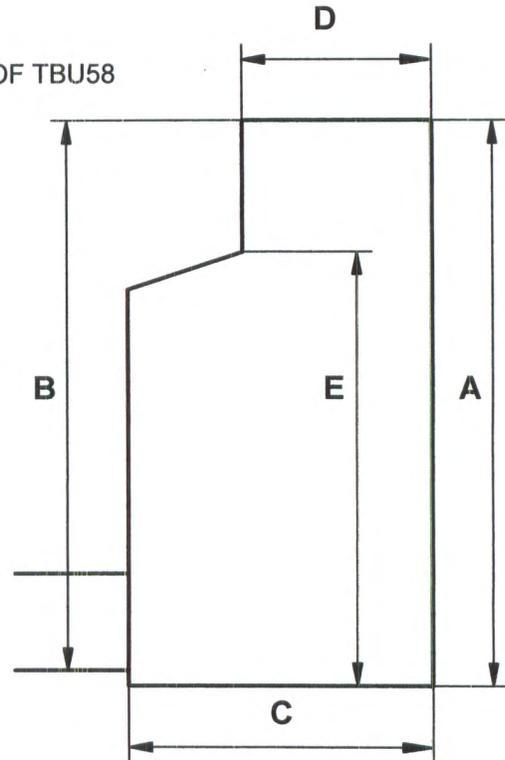


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM15	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM15	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 63.00 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH17A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH17A
Address: ARNOLD MEWS/S W CORNER OF TBU58
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 2011
Inspection no.: DM15	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM15	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 63.00 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH17A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH16A
Address: KING BLVD/ 1ST MH W OF MH17A
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City

Shape chimney:

Shape barrel:

Material chimney:

Material barrel:

Material MH bottom:

Material bench:

Barrel protection:

Chimney protection:

Steps:

Connections:

Rim to MH bottom: (A)

Rim to Invert: (B)

Diam. barrel: (C)

Diam. chimney: (D)

Height barrel: (E)

Chimney height:

Benching:

Elevation above s.l.:

Longitude:

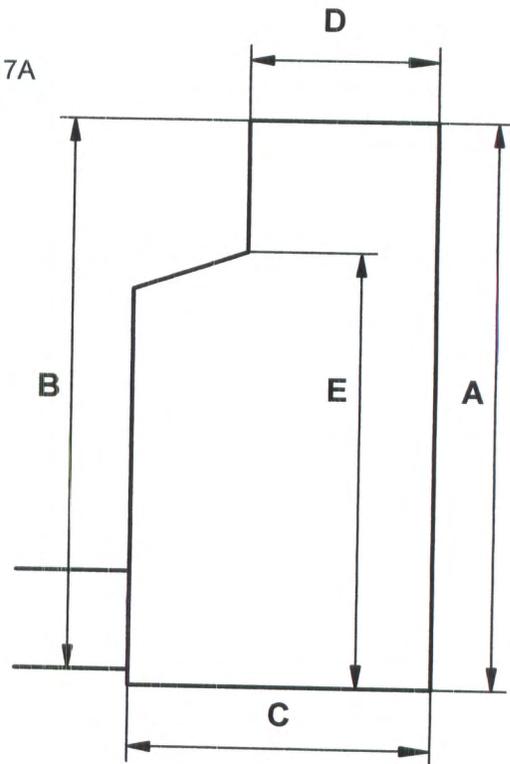
Latitude:

Lid model:

Lid class:

Lid length:

Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 2011
Inspection no.: DM15	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM15	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 63.00 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH17A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM15 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	96 96_b
22.20	22.20	CL	Circumferential cracking (light)	10	2	00:00:00	97
51.70	51.70	GO	General Observation: MH IS NOT ON MAP			00:00:00	98
56.70	56.70	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	99
56.70	56.70	SA	Survey abandoned. AT ENCRUSTATION, NO ACCESS TO UP STEAM MH, CONSTRUCTION			00:00:00	100

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: MAY/2011
Inspection no.: DM15	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM15	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 63.00 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH17A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 325

Sewer: DM15 Score: 0

Start	End Code	Description	Score	DC Video	Photo
1.30	1.30 ST	Start of survey		00:00:00	96 96_b
22.20	22.20 CL	Circumferential cracking (light)	10 2	00:00:00	97
51.70	51.70 GO	General Observation.: MH IS NOT ON MAP		00:00:00	98
56.70	56.70 EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2 1	00:00:00	99
56.70	56.70 SA	Survey abandoned. AT ENCRUSTATION, NO ACCESS TO UP STEAM MH, CONSTRUCTION		00:00:00	100

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 2011
Inspection no.: DM15	Address: KING BLVD/ 1ST MH W OF MH17A	Sewer: DM15	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH16A	Total length: 63.00 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH17A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 96 Distance: 1.30 m
Code : ST

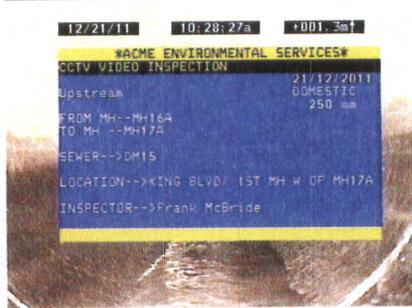


Photo : 96_b Distance: 1.30 m
Code : ST



Photo : 97 Distance: 22.20 m
Code : CL



Photo : 98 Distance: 51.70 m
Code : GO



Photo : 99 Distance: 56.70 m
Code : EM



Photo : 100 Distance: 56.70 m
Code : SA

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 2011
Inspection no.: DM16	Address: ARNOLD MEWS/IN FRONT OF TBU49	Sewer: DM16	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH18A	Total length: 34.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH17A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

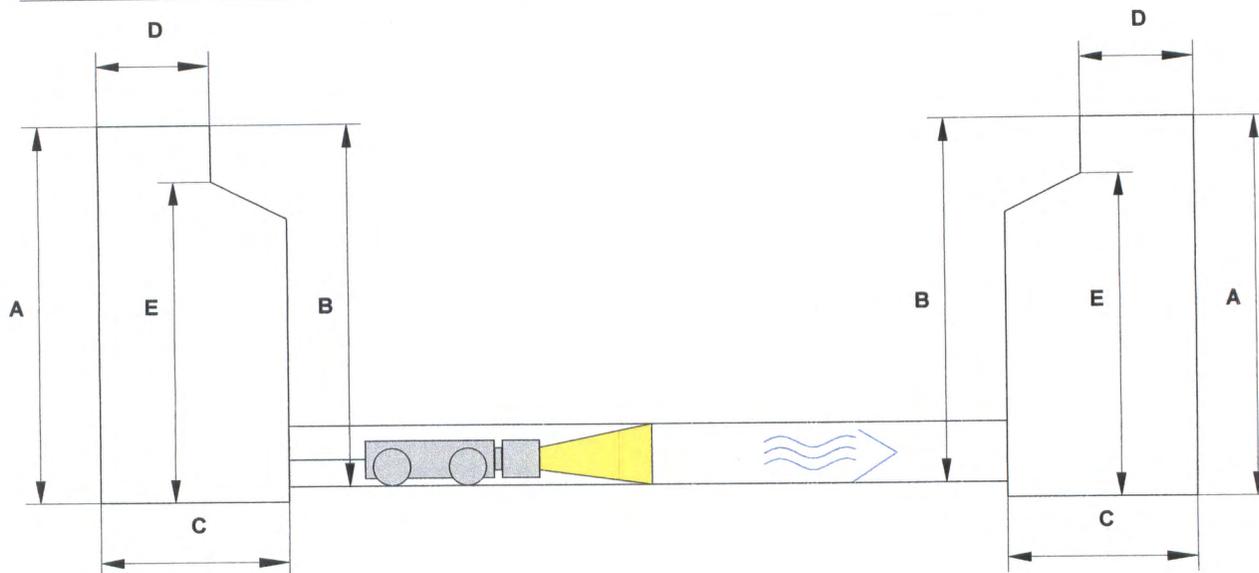
Manhole no.: MH18A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM16
Total length: 34.50 m
Insp. length: 33.20 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH17A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 33.20 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM16	Address: ARNOLD MEWS/IN FRONT OF TBU49	Sewer: DM16	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH18A	Total length: 34.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH17A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM16	Address: ARNOLD MEWS/IN FRONT OF TBU49	Sewer: DM16	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH18A	Total length: 34.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH17A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH18A
Address: ARNOLD MEWS/IN FRONT OF TBU49
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH17A
Address: ARNOLD MEWS/S W CORNER OF TBU58
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM16
Plan DWG no.:
Location:
Address: ARNOLD MEWS/IN FRONT OF TBU49
City: REGINA
Total length: 34.50 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

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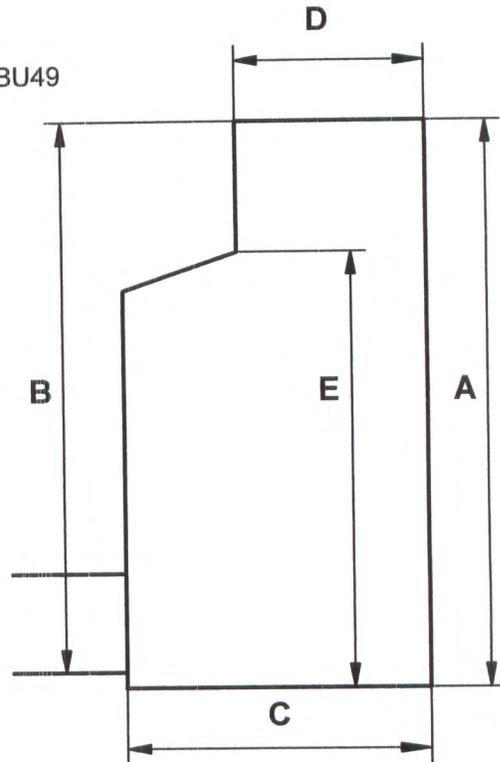


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM16	Address: ARNOLD MEWS/IN FRONT OF TBU49	Sewer: DM16	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH18A	Total length: 34.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH17A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH18A
Address: ARNOLD MEWS/IN FRONT OF TBU49
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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PH# 1-800-914-1121

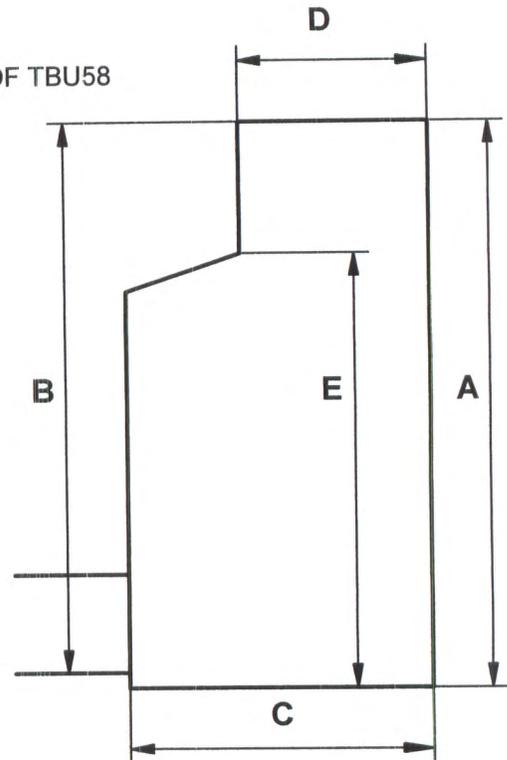


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM16	Address: ARNOLD MEWS/IN FRONT OF TBU49	Sewer: DM16	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH18A	Total length: 34.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH17A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH17A
Address: ARNOLD MEWS/S W CORNER OF TBU58
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 20/2011
Inspection no.: DM16	Address: ARNOLD MEWS/IN FRONT OF TBU49	Sewer: DM16	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH18A	Total length: 34.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH17A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM16 Score: 0

Start	End Code	Description	Score	DC Video	Photo
1.30	1.30 ST	Start of survey. NO ACCESS TO MH HOLE TO JET LINE, CONSTRUCTION		00:00:00	93 93_b
8.30	8.30 DEG	S1 Debris grease, % cross-sectional area loss	2 1	00:00:00	94
34.50	34.50 FH	F1 End of survey. DEFECT ENDS		00:00:00	95

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: MAY/2011
Inspection no.: DM16	Address: ARNOLD MEWS/IN FRONT OF TBU49	Sewer: DM16	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH18A	Total length: 34.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH17A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 200

Sewer: DM16 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey. NO ACCESS TO MH HOLE TO JET LINE, CONSTRUCTION			00:00:00	93 93_b
8.30	8.30	DEG	S1 Debris grease, % cross-sectional area loss	2	1	00:00:00	94
34.50	34.50	FH	F1 End of survey. DEFECT ENDS			00:00:00	95

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM16	Address: ARNOLD MEWS/IN FRONT OF TBU49	Sewer: DM16	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH18A	Total length: 34.50 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH17A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

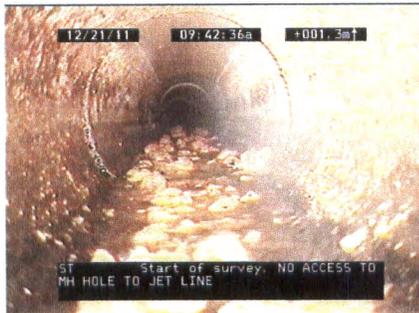


Photo : 93 Distance: 1.30 m
Code : ST

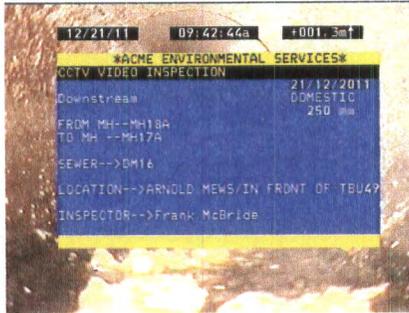


Photo : 93_b Distance: 1.30 m
Code : ST

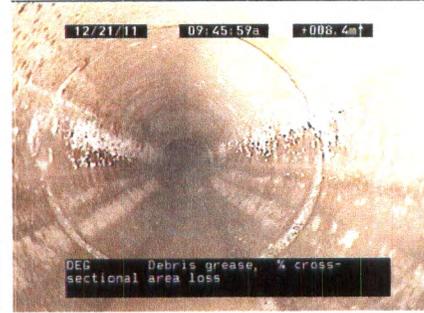


Photo : 94 Distance: 8.30 m
Code : DEG



Photo : 95 Distance: 34.50 m
Code : FH

Range 10 54"

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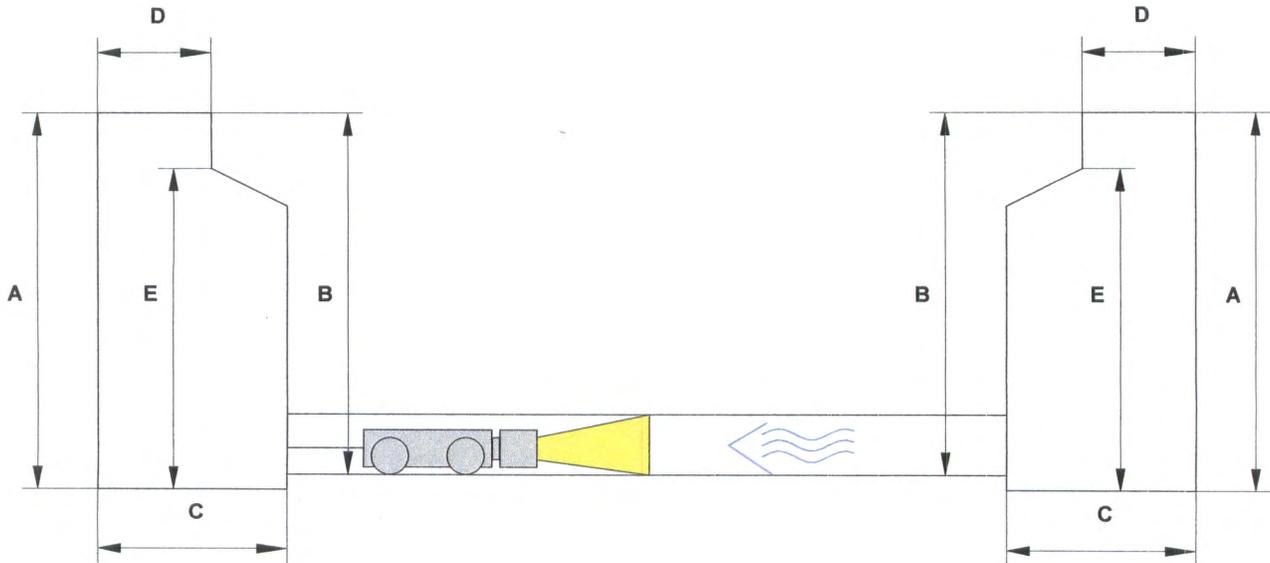


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV/2011
Inspection no.: DM2	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 27.10 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH4A	Page: 1
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:	Sewer:	End Manhole:
Manhole no.: MH3A	Sewer: DM2	Manhole no.: MH4A
Material:	Total length: 27.10 m	Material:
Profile:	Insp. length: 25.80 m	Profile:
A:	Profile: Circle	A:
B:	Pipe size: 150 mm / 150 mm	B:
C:	Segment length:	C:
D:	Material: PVC Polyvinylchloride Pipe	D:
E:	Sewer type: DOMESTIC	E:
Elevation above s.l.:	Year of const.:	Elevation above s.l.:
Longitude:		Longitude:
Latitude:		Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 25.80 m
Present:
Reason of insp.:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM2	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 27.10 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH4A	Page: 2
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM2	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 27.10 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH4A	Page: 3
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH4A
Address: BARKER AVE/S E SIDE OF TBU51
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH3A
Address: BARKER AVE/S SIDE OF TBU51
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM2
Plan DWG no.:
Location:
Address: BARKER AVE/S SIDE OF TBU51
City: REGINA
Total length: 27.10 m
Sewer type: DOMESTIC
Material: PVC Polyvinylchloride Pipe
Int. protection:
Profile: Circle 150 / 150 mm
Segment length:
Year of const.:
Remark:

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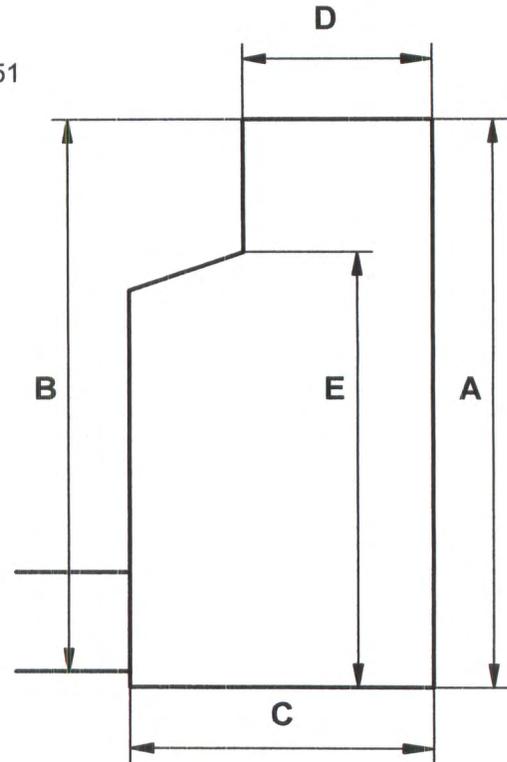
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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 16 FEB/2011
Inspection no.: DM2	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 27.10 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH4A	Page: 4
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Manhole data:

Manhole no.: MH4A
Address: BARKER AVE/S E SIDE OF TBU51
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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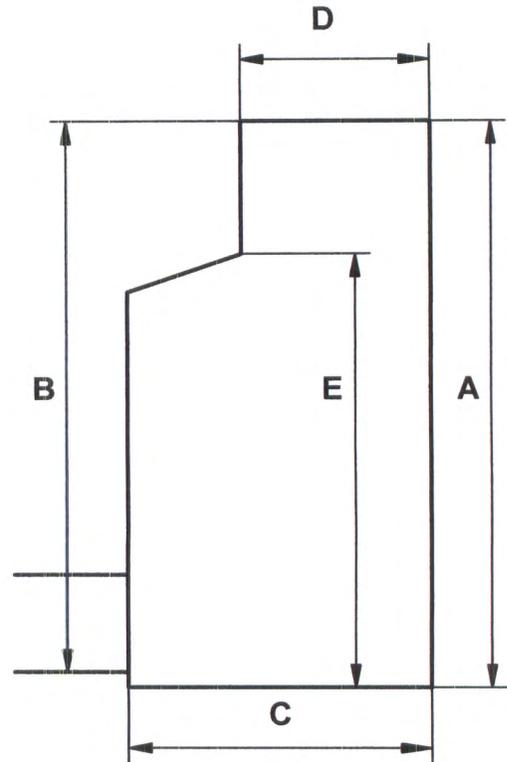


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM2	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 27.10 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH4A	Page: 5
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Manhole data:

Manhole no.: MH3A
Address: BARKER AVE/S SIDE OF TBU51
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM2	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 27.10 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH4A	Page: 6
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

Sewer: DM2 Score: 0

Start	End Code	Description	Score	DC Video	Photo
1.30	1.30 ST	Start of survey		00:00:00	59 59_b
27.10	27.10 FH	End of survey		00:00:00	60

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV/2011
Inspection no.: DM2	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 27.10 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH4A	Page: 7
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

1 : 150

Sewer: DM2 Score: 0

Start	End Code	Description	Score	DC	Video	Photo
1.30	1.30 ST	Start of survey			00:00:00	59 59_b
						
27.10	27.10 FH	End of survey			00:00:00	60

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM2	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 27.10 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH4A	Page: 8
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection



Photo : 59 Distance: 1.30 m
Code : ST

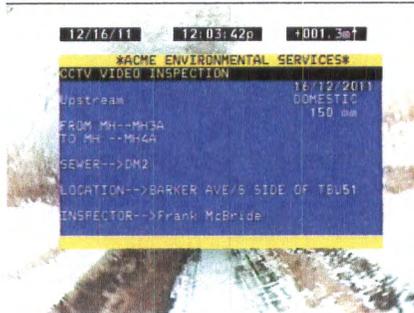


Photo : 59_b Distance: 1.30 m
Code : ST



Photo : 60 Distance: 27.10 m
Code : FH

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 05/22/2011
Inspection no.: DM3	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 50.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5A	Page: 1
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

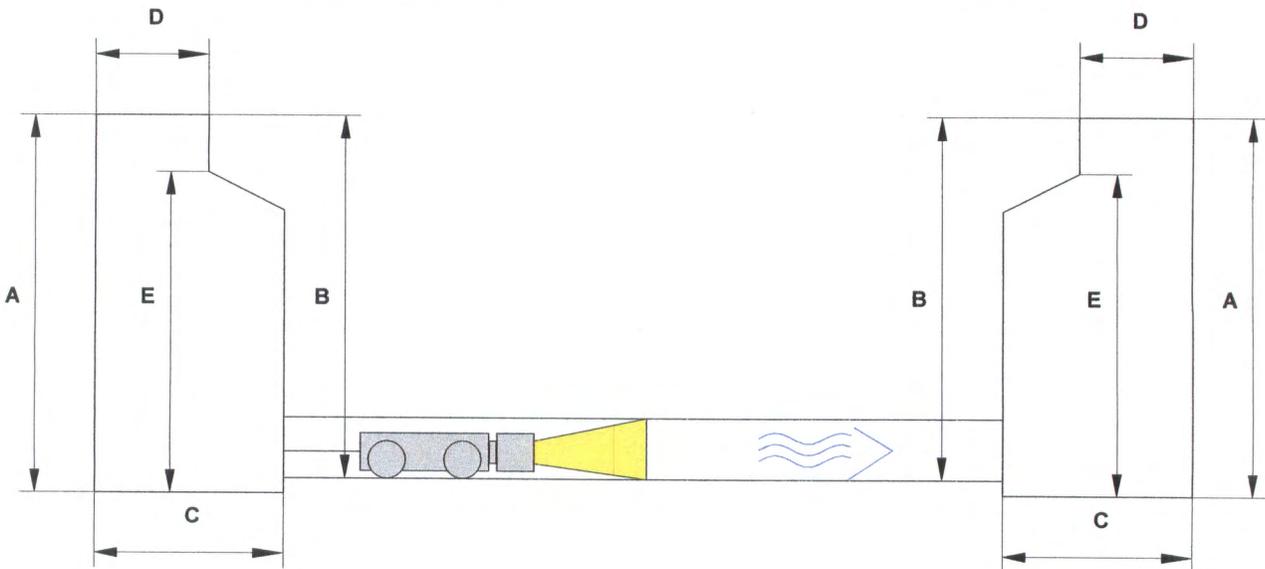
Manhole no.: MH3A
Material:
Profile:
A:
B:
C:
D:
E
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM3
Total length: 50.80 m
Insp. length: 49.50 m
Profile: Circle
Pipe size: 150 mm / 150 mm
Segment length:
Material: PVC Polyvinylchloride Pipe
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH5A
Material:
Profile:
A:
B:
C:
D:
E
Elevation above :
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 49.50 m
Present:
Reason of insp.:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM3	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 50.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5A	Page: 2
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM3	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 50.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5A	Page: 3
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH3A
Address: BARKER AVE/S SIDE OF TBU51
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH5A
Address: BARKER AVE/N E SIDE OF TBU51
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM3
Plan DWG no.:
Location:
Address: BARKER AVE/S SIDE OF TBU51
City: REGINA
Total length: 50.80 m
Sewer type: DOMESTIC
Material: PVC Polyvinylchloride Pipe
Int. protection:
Profile: Circle 150 / 150 mm
Segment length:
Year of const.:
Remark:

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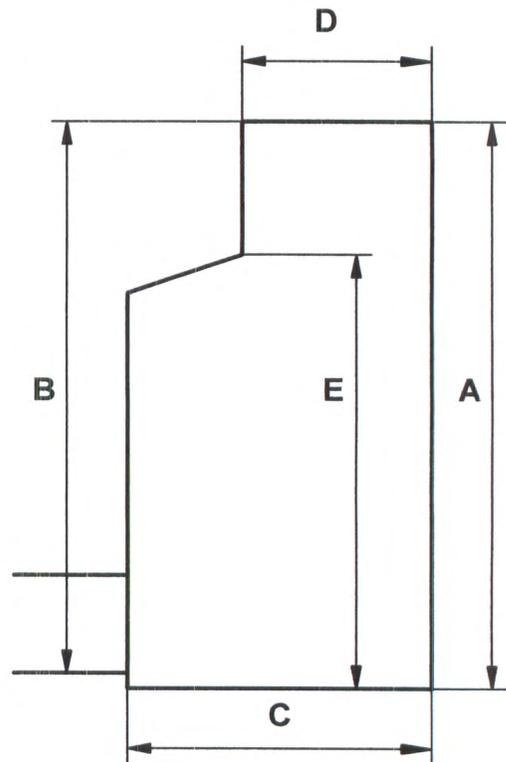


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM3	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 50.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5A	Page: 4
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Manhole data:

Manhole no.: MH3A
Address: BARKER AVE/S SIDE OF TBU51
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



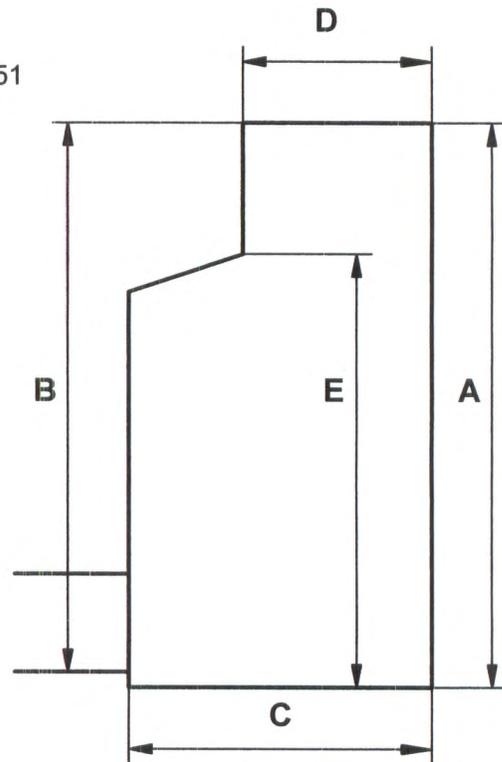


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM3	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 50.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5A	Page: 5
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection

Manhole data:

Manhole no.: MH5A
Address: BARKER AVE/N E SIDE OF TBU51
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM3	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 50.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5A	Page: 6
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

Sewer: DM3 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	61 61_b
50.80	50.80	FH	End of survey			00:00:00	62

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 16/12/2011
Inspection no.: DM3	Address: BARKER AVE/S SIDE OF TBU51	Sewer: DM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH3A	Total length: 50.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5A	Page: 8
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: PVC Polyvinylchlor	Condition:

sewer inspection



Photo : 61
Code : ST

Distance: 1.30 m

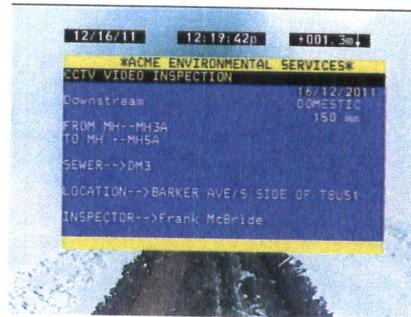


Photo : 61_b
Code : ST

Distance: 1.30 m



Photo : 62
Code : FH

Distance: 50.80 m

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Client: RCMP		City: REGINA		Project: RCMP TRAINING CENTER	
Inspection no.: DM4		Address: BARKER AVE/N E SIDE OF TBU51		Sewer: DM4	
Contract no.:		Reason of insp.:		Start Manhole: MH5A	
Operator: Frank McBride		Direction: Downstream		End Manhole: MH6A	
Profile: Circle 150 / 150 mm		Sewer type: DOMESTIC		Material: PVC Polyvinylchlor	
				Date: 15/12/2011	
				Video Tape no.: 0	
				Total length:	
				Page: 2	
				Condition:	

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

UM4
 Contract no.:
 Operator:
 Frank McBride
 Profile:
 Circle 150 / 150 mm

BARKER AVE/NE SIDE OF 18051
 Reason of insp.:
 Direction:
 Downstream
 Sewer type:
 DOMESTIC

UM4
 Start Manhole:
 MH5A
 End Manhole:
 MH6A
 Material:
 PVC Polyvinylchlor

U
 Total length:
 Page:
 3
 Condition:

sewer inspection

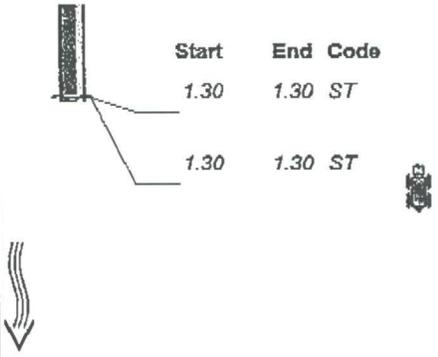
Start	End Code	Description	DC Video	Photo
1.30	1.30 ST	Start of survey. PIPE TURNS AT MH AT EACH END CAN NOT GET CAMERA IN LINE	00:00:00	64 64_b
1.30	1.30 ST	Start of survey. PIPE TURNS AT MH AT EACH END CAN NOT GET CAMERA IN LINE	00:00:00	65

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Client: RCMP		City: REGINA		Project: RCMP TRAINING CENTRE	
Date: NOV 22/2011		Address: BARKER AVE/N E SIDE OF TBU51		Sewer: DM4	
Inspection no.: DM4		Reason of insp.:		Start Manhole: MH5A	
Contract no.:		Direction: Downstream		End Manhole: MH6A	
Operator: Frank McBride		Sewer type: DOMESTIC		Material: PVC Polyvinylchlor	
Profile: Circle 150 / 150 mm				Condition:	
				Video Tape no.: 0	
				Total length:	
				Page: 4	

sewer inspection

1:0

Start	End	Code	Description	DC Video	Photo
1.30	1.30	ST	Start of survey. PIPE TURNS AT MH AT EACH END CAN NOT GET CAMERA IN LINE	00:00:00	64 64_b
1.30	1.30	ST	Start of survey. PIPE TURNS AT MH AT EACH END CAN NOT GET CAMERA IN LINE	00:00:00	65



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 1
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

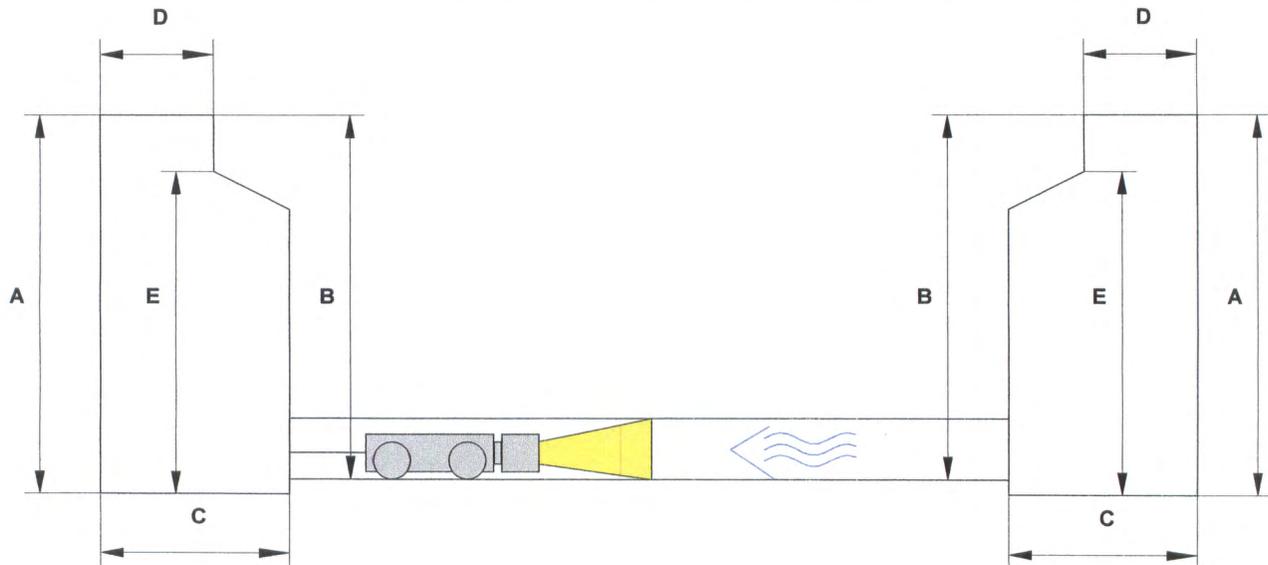
Manhole no.: MH7A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM5
Total length: 66.40 m
Insp. length: 65.10 m
Profile: Circle
Pipe size: 150 mm / 150 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH6A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above :
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 65.10 m
Present:
Reason of insp.:

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S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 2
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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REGINA, SASK
S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 3
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH6A
Address: BARKER AVE/S E SIDE OF TBU51 E SIDE RD
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH7A
Address: BARKER AVE/1ST MH E OF MH6A
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM5
Plan DWG no.:
Location:
Address: BARKER AVE/1ST MH E OF MH6A
City: REGINA
Total length: 66.40 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 150 / 150 mm
Segment length:
Year of const.:
Remark: PIPE TURNS AT MH6A CAN NOT GET CAMERA IN LINE

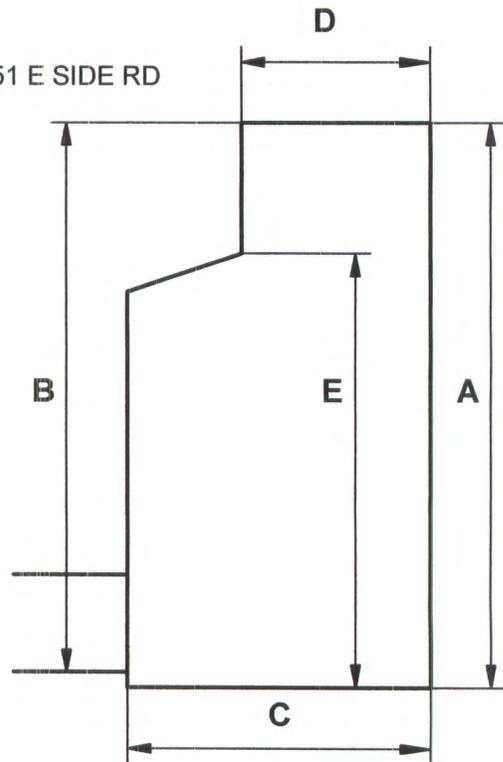


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 4
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH6A
Address: BARKER AVE/S E SIDE OF TBU51 E SIDE RD
District: REGINA
Manhole type: Sanitary
Position: Ditch
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



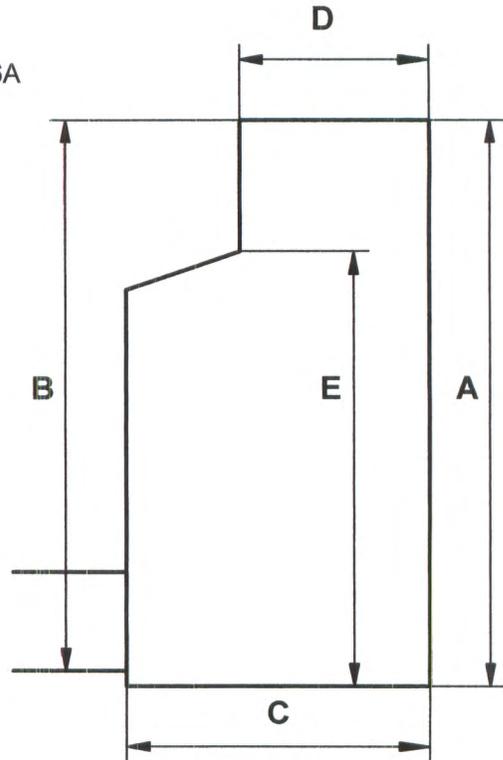


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 5
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH7A
Address: BARKER AVE/1ST MH E OF MH6A
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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REGINA, SASK
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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 6
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM5 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	66 66_b
1.30	1.30	LR	Line of sewer deviates right % height/diameter			00:00:00	67
24.20	24.20	RF	Roots fine	1	1	00:00:00	68
31.90	31.90	CM	Longitudinal cracking (moderate)	10	2	00:00:00	69
36.60	36.60	RF	Roots fine	1	1	00:00:00	70
40.40	40.40	RF	Roots fine	1	1	00:00:00	71
51.80	51.80	EL	Encrustation light, (position), < 5% cross-sectional area loss	5	1	00:00:00	72
53.20	53.20	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	73
54.50	54.50	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	74
57.30	57.30	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	75
58.60	58.60	EL	S1 Encrustation light, (position), < 5% cross-sectional area loss. AT JOINTS	1	1	00:00:00	76
65.70	65.70	EL	F1 Encrustation light, (position), < 5% cross-sectional area loss. END OF DEFECT	1	1	00:00:00	77
65.80	65.80	MC	Pipe material changes to PVC Polyvinylchloride Pipe			00:00:00	78
66.40	66.40	SA	Survey abandoned. MH CAN BE SEEN			00:00:00	79



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 7
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 375

Sewer: DM5 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	66 66_b
1.30	1.30	LR	Line of sewer deviates right % height/diameter			00:00:00	67
24.20	24.20	RF	Roots fine	1	1	00:00:00	68
31.90	31.90	CM	Longitudinal cracking (moderate)	10	2	00:00:00	69
36.60	36.60	RF	Roots fine	1	1	00:00:00	70
40.40	40.40	RF	Roots fine	1	1	00:00:00	71
51.80	51.80	EL	Encrustation light, (position), < 5% cross-sectional area loss	5	1	00:00:00	72
53.20	53.20	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	73
54.50	54.50	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	74
57.30	57.30	EL	Encrustation light, (position), < 5% cross-sectional area loss	1	1	00:00:00	75
58.60	58.60	EL	S1 Encrustation light, (position), < 5% cross-sectional area loss. AT JOINTS	1	1	00:00:00	76
65.70	65.70	EL	F1 Encrustation light, (position), < 5% cross-sectional area loss. END OF DEFECT	1	1	00:00:00	77
65.80	65.80	MC	Pipe material changes to PVC Polyvinylchloride Pipe			00:00:00	78
66.40	66.40	SA	Survey abandoned. MH CAN BE SEEN			00:00:00	79

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: NOV 16/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 8
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

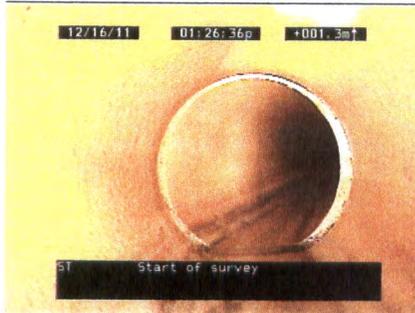


Photo : 66 Distance: 1.30 m
Code : ST

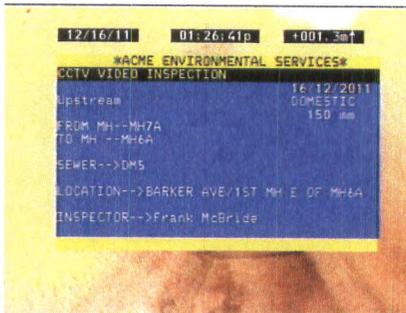


Photo : 66_b Distance: 1.30 m
Code : ST

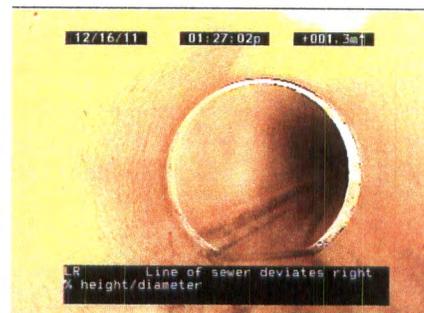


Photo : 67 Distance: 1.30 m
Code : LR

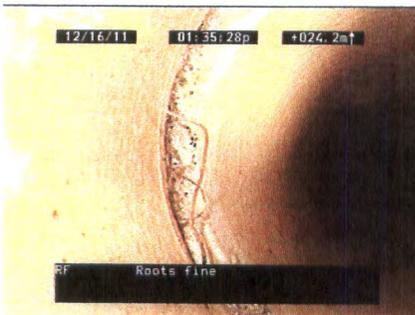


Photo : 68 Distance: 24.20 m
Code : RF



Photo : 69 Distance: 31.90 m
Code : CM



Photo : 70 Distance: 36.60 m
Code : RF



Photo : 71 Distance: 40.40 m
Code : RF



Photo : 72 Distance: 51.80 m
Code : EL



Photo : 73 Distance: 53.20 m
Code : EL

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/16/2011
Inspection no.: DM5	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM5	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 66.40 m
Operator: Frank McBride	Direction: Upstream	End Manhole: MH6A	Page: 9
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 74 Distance: 54.50 m
Code : EL

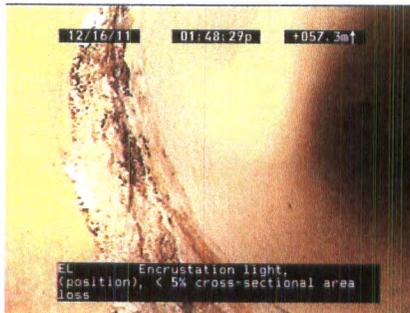


Photo : 75 Distance: 57.30 m
Code : EL



Photo : 76 Distance: 58.60 m
Code : EL

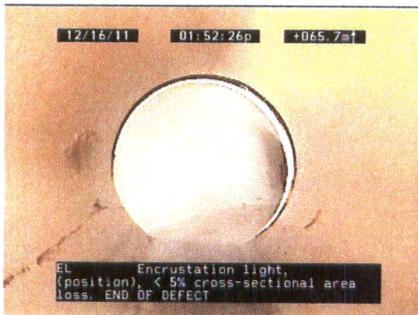


Photo : 77 Distance: 65.70 m
Code : EL

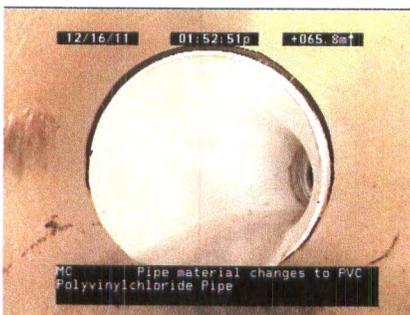


Photo : 78 Distance: 65.80 m
Code : MC



Photo : 79 Distance: 66.40 m
Code : SA

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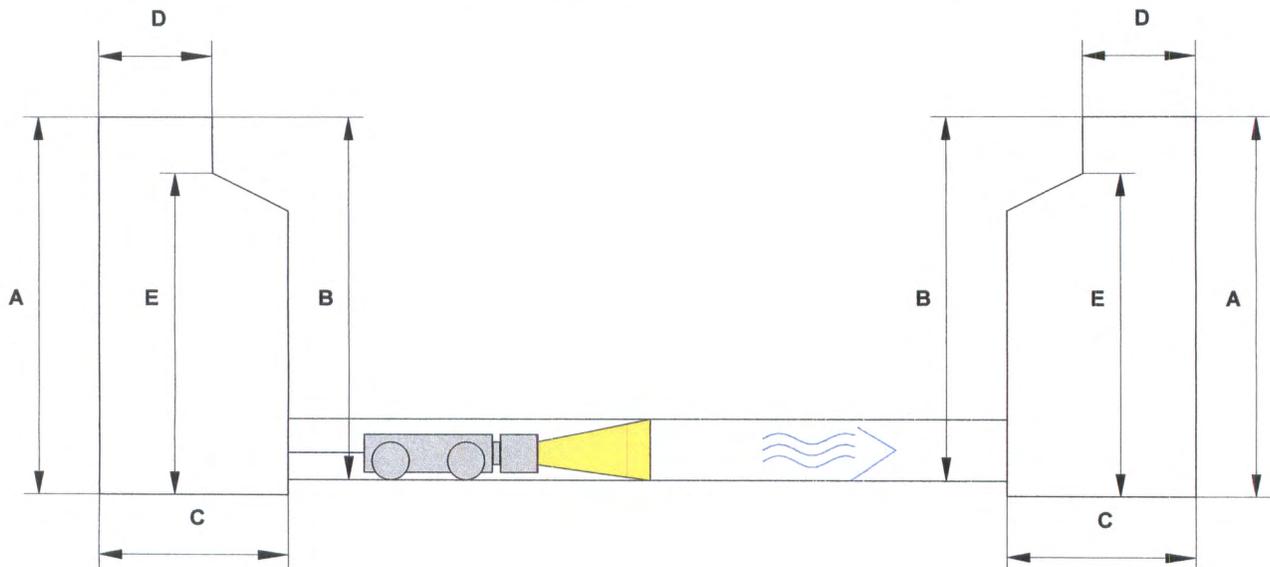


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 1
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:	Sewer:	End Manhole:
Manhole no.: MH7A	Sewer: DM6	Manhole no.: MH8A
Material:	Total length: 103.70 m	Material:
Profile:	Insp. length: 102.40 m	Profile:
A:	Profile: Circle	A:
B:	Pipe size: 150 mm / 150 mm	B:
C:	Segment length:	C:
D:	Material: VCT Vitrified Clay Tile	D:
E:	Sewer type: DOMESTIC	E:
Elevation above s.l.:	Year of const.:	Elevation above s.l.:
Longitude:		Longitude:
Latitude:		Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 102.40 m
Present:
Reason of insp.:

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REGINA, SASK
S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 2
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 3
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH7A
Address: BARKER AVE/1ST MH E OF MH6A
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH8A
Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM6
Plan DWG no.:
Location:
Address: BARKER AVE/1ST MH E OF MH6A
City: REGINA
Total length: 103.70 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 150 / 150 mm
Segment length:
Year of const.:
Remark:

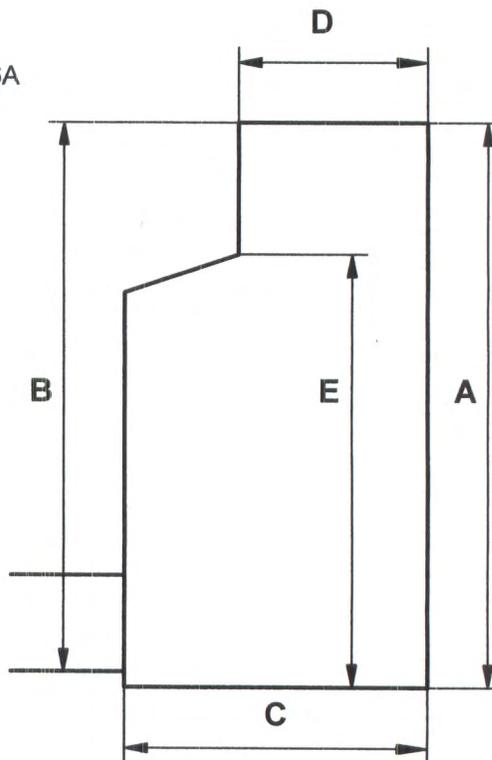


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 4
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH7A
Address: BARKER AVE/1ST MH E OF MH6A
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



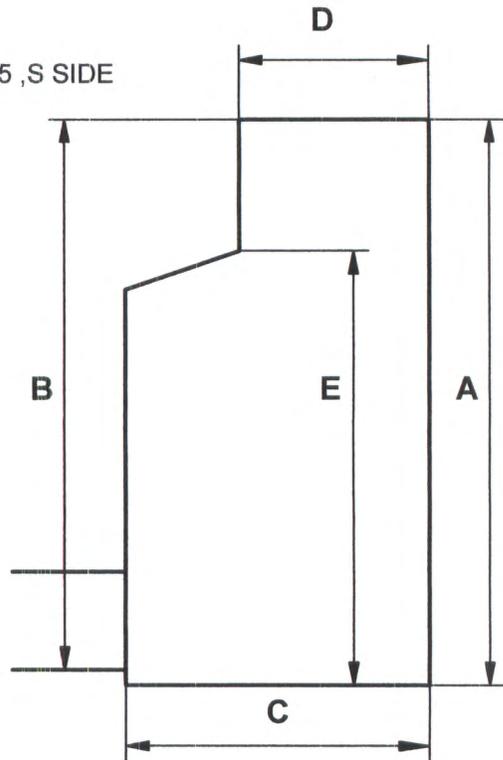


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 5
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH8A
Address: BARKER AVE/IN BACK OF TBU85 , S SIDE
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 6
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM6 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	80 80_b
46.30	46.30	OL	Open joint (light), <1* pipe thickness	1	1	00:00:00	81
71.20	71.20	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	82
77.00	77.00	FX	Broken Pipe	80	4	00:00:00	83
86.50	86.50	RF	Roots fine	1	1	00:00:00	84
89.20	89.20	RF	Roots fine	1	1	00:00:00	85
102.60	102.60	LL	Line of sewer deviates left % height/diameter			00:00:00	86
103.10	103.10	OL	Open joint (light), <1* pipe thickness	1	1	00:00:00	87
103.70	103.70	JM	Joint displaced (moderate), > 1* pipe wall thickness . AT MH	2	1	00:00:00	88
103.70	103.70	SA	Survey abandoned. MH CAN BE SEEN			00:00:00	89

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ACME ENVIRONMENTAL SERVICES
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REGINA, SASK
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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: NOV/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 7
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1: 575

Sewer: DM6 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	80 80_b
46.30	46.30	OL	Open joint (light), <1* pipe thickness	1	1	00:00:00	81
71.20	71.20	JL	Joint displaced (light), <1* pipe wall thickness	1	1	00:00:00	82
77.00	77.00	FX	Broken Pipe	80	4	00:00:00	83
86.50	86.50	RF	Roots fine	1	1	00:00:00	84
89.20	89.20	RF	Roots fine	1	1	00:00:00	85
102.60	102.60	LL	Line of sewer deviates left % height/diameter			00:00:00	86
103.10	103.10	OL	Open joint (light), <1* pipe thickness	1	1	00:00:00	87
103.70	103.70	JM	Joint displaced (moderate), >1* pipe wall thickness AT MH	2	1	00:00:00	88
103.70	103.70	SA	Survey abandoned. MH CAN BE SEEN			00:00:00	89

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S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 8
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

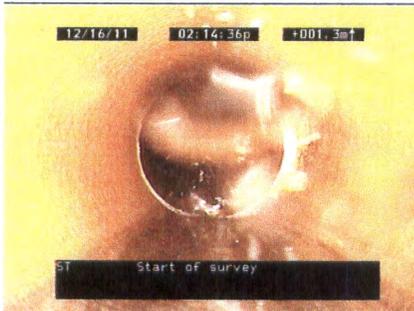


Photo : 80 Distance: 1.30 m
Code : ST

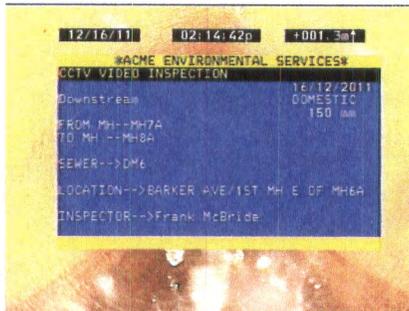


Photo : 80_b Distance: 1.30 m
Code : ST

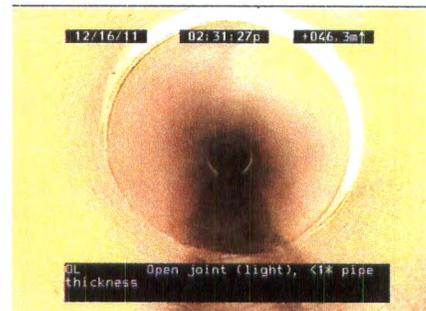


Photo : 81 Distance: 46.30 m
Code : OL

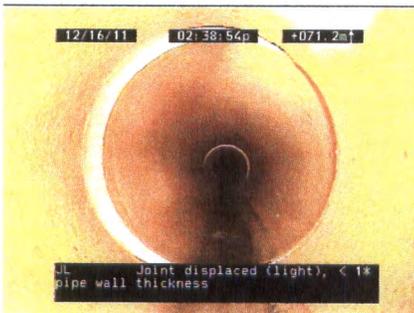


Photo : 82 Distance: 71.20 m
Code : JL



Photo : 83 Distance: 77.00 m
Code : FX



Photo : 84 Distance: 86.50 m
Code : RF

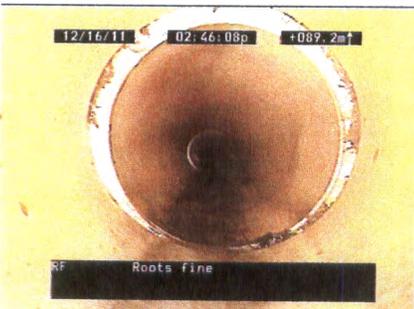


Photo : 85 Distance: 89.20 m
Code : RF



Photo : 86 Distance: 102.60 m
Code : LL



Photo : 87 Distance: 103.10 m
Code : OL

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM6	Address: BARKER AVE/1ST MH E OF MH6A	Sewer: DM6	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH7A	Total length: 103.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH8A	Page: 9
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 88
Code : JM

Distance: 103.70 m



Photo : 89
Code : SA

Distance: 103.70 m

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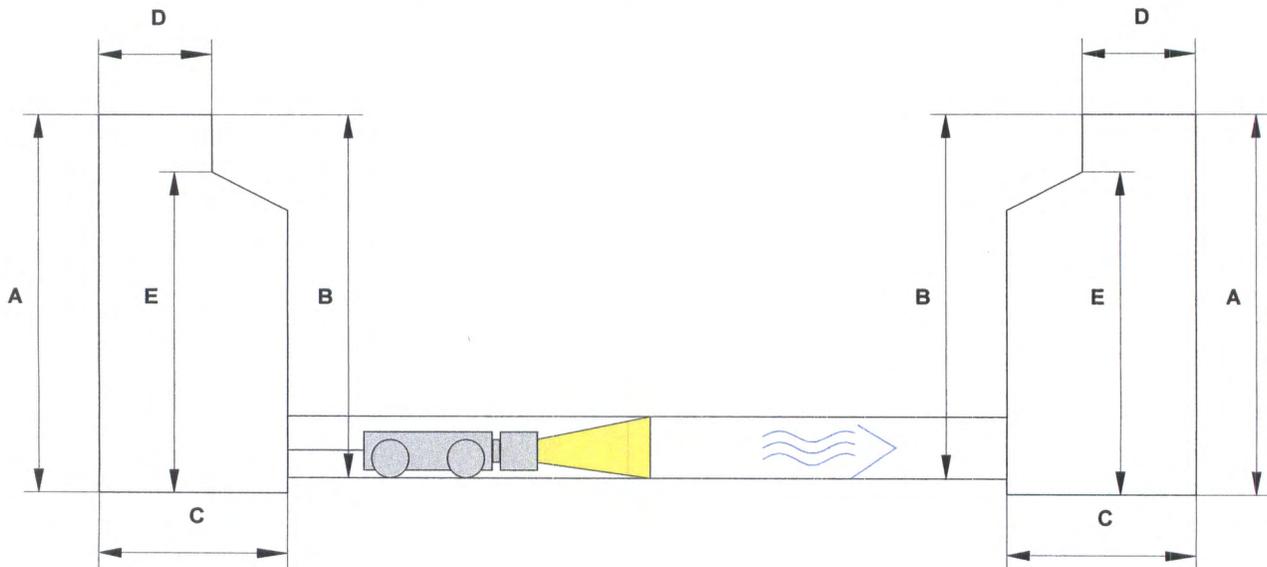


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV 22/2011
Inspection no.: DM7	Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE	Sewer: DM7	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH8A	Total length: 110.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 1
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:	Sewer:	End Manhole:
Manhole no.: MH8A	Sewer: DM7	Manhole no.: MH9A
Material:	Total length: 110.80 m	Material:
Profile:	Insp. length: 99.50 m	Profile:
A:	Profile: Circle	A:
B:	Pipe size: 150 mm / 150 mm	B:
C:	Segment length:	C:
D:	Material: VCT Vitrified Clay Tile	D:
E:	Sewer type: DOMESTIC	E:
Elevation above s.l.:	Year of const.:	Elevation above :
Longitude:		Longitude:
Latitude:		Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 99.50 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM7	Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE	Sewer: DM7	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH8A	Total length: 110.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 2
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV/2011
Inspection no.: DM7	Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE	Sewer: DM7	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH8A	Total length: 110.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 3
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH8A
Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH9A
Address: WALLACE DR/ W SIDE OF RD, E OF TBU14
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM7
Plan DWG no.:
Location:
Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE
City: REGINA
Total length: 110.80 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 150 / 150 mm
Segment length:
Year of const.:
Remark:

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PH# 1-800-914-1121

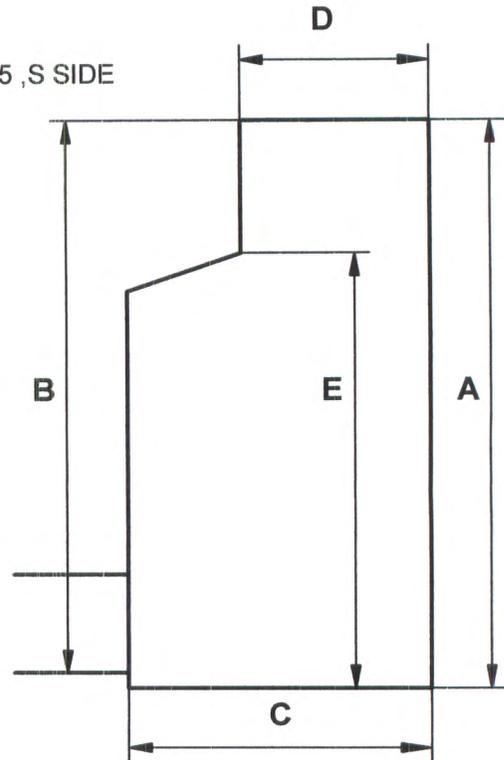


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15 FEB/2011
Inspection no.: DM7	Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE	Sewer: DM7	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH8A	Total length: 110.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 4
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH8A
Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE
District: REGINA
Manhole type: Sanitary
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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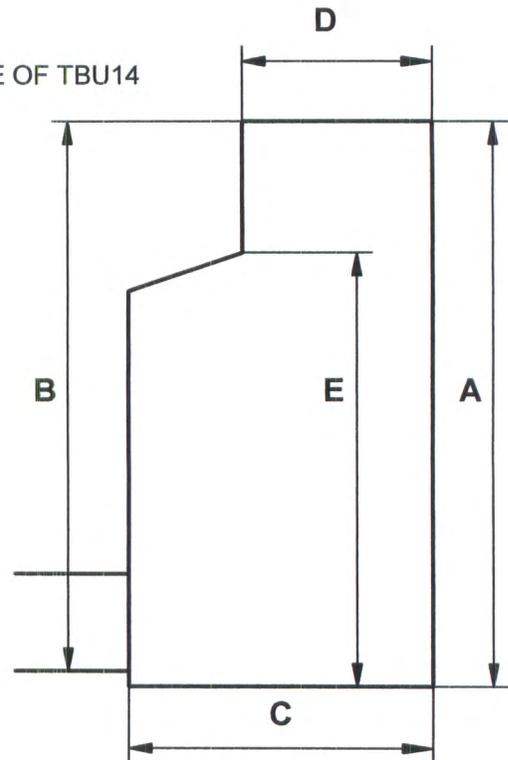


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV/2011
Inspection no.: DM7	Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE	Sewer: DM7	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH8A	Total length: 110.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 5
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH9A
Address: WALLACE DR/ W SIDE OF RD, E OF TBU14
District: REGINA
Manhole type: Sanitary
Position: Ditch
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: DM7	Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE	Sewer: DM7	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH8A	Total length: 110.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 6
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM7 Score: 0

Start	End Code	Description	Score	DC	Video	Photo
1.30	1.30 ST	Start of survey			00:00:00	90 90_b
30.80	30.80 CN	Service connection diameter mm at 10 o'clock material			00:00:00	91 91_b
100.80	100.80 FH	End of survey			00:00:00	92

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: NOV/2011
Inspection no.: DM7	Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE	Sewer: DM7	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH8A	Total length: 110.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 7
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 575

Sewer: DM7 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	90 90_b
30.80	30.80	CN	Service connection diameter mm at 10 o'clock material			00:00:00	91 91_b
100.80	100.80	FH	End of survey			00:00:00	92

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM7	Address: BARKER AVE/IN BACK OF TBU85 ,S SIDE	Sewer: DM7	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH8A	Total length: 110.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 8
Profile: Circle 150 / 150 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 90 Distance: 1.30 m
Code : ST

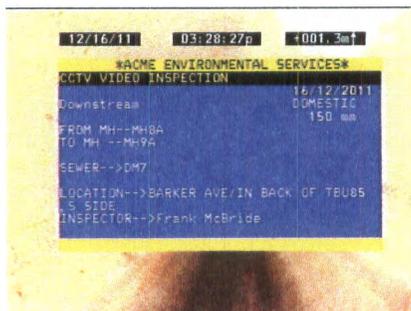


Photo : 90_b Distance: 1.30 m
Code : ST



Photo : 91 Distance: 30.80 m
Code : CN



Photo : 91_b Distance: 30.80 m
Code : CN



Photo : 92 Distance: 100.80 m
Code : FH



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 07/22/2011
Inspection no.: DM8	Address: PIERLET AVE/WALLACE DR, E SIDE OF RD	Sewer: DM8	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH10A	Total length: 31.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

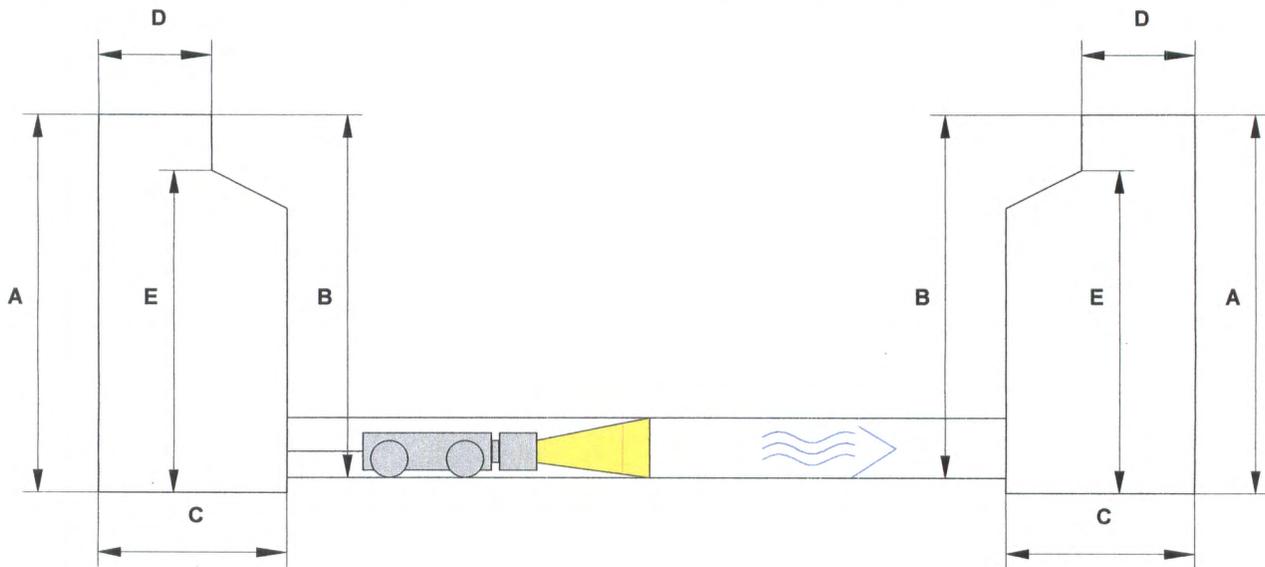
Manhole no.: MH10A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM8
Total length: 31.30 m
Insp. length: 30.00 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH9A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 30.00 m
Present:
Reason of insp.:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM8	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM8	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH10A	Total length: 31.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:

Contact:

P.O.B.:

Phone:

Fax:

e-mail:

Remark:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 07/22/2011
Inspection no.: DM8	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM8	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH10A	Total length: 31.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH10A
Address: PIERLET AVE/WALLACE DR,E SIDE OF RD
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH9A
Address: WALLACE DR/ W SIDE OF RD, E OF TBU14
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM8
Plan DWG no.:
Location:
Address: PIERLET AVE/WALLACE DR,E SIDE OF RD
City: REGINA
Total length: 31.30 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

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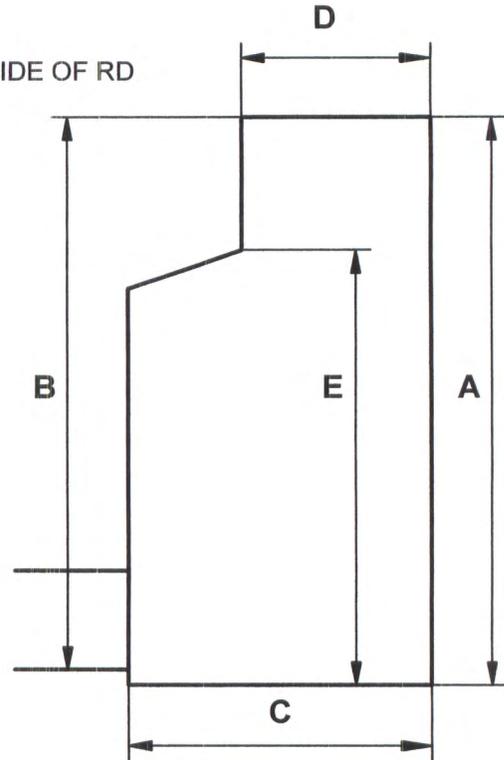


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM8	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM8	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH10A	Total length: 31.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH10A
Address: PIERLET AVE/WALLACE DR,E SIDE OF RD
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



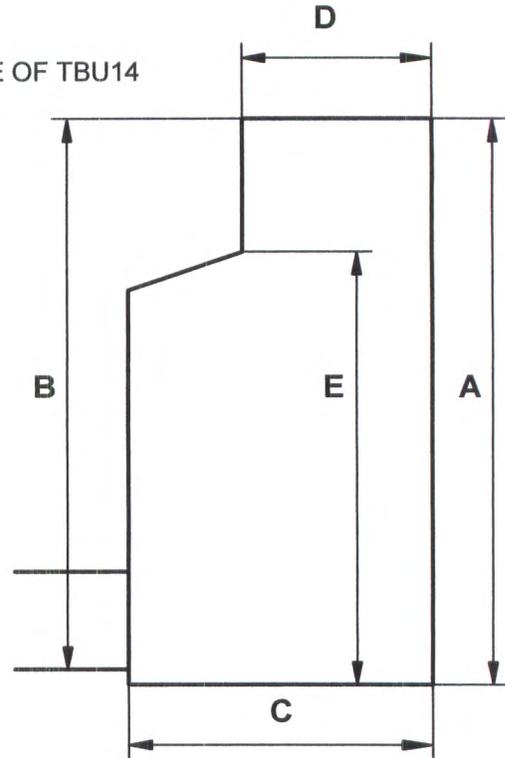


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM8	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM8	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH10A	Total length: 31.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH9A
Address: WALLACE DR/ W SIDE OF RD, E OF TBU14
District: REGINA
Manhole type: Sanitary
Position: Ditch
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/12/2011
Inspection no.: DM8	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM8	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH10A	Total length: 31.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM8 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	164 164_b
26.60	26.60	CM	Longitudinal cracking (moderate) at 7 o'clock	10	2	00:00:00	165
29.20	29.20	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	166
31.00	31.00	CM	Longitudinal cracking (moderate) at 3 o'clock	10	2	00:00:00	167
31.30	31.30	FH	End of survey			00:00:00	168

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM8	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM8	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH10A	Total length: 31.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 175

Sewer: DM8 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	164 164_b
26.60	26.60	CM	Longitudinal cracking (moderate) at 7 o'clock	10	2	00:00:00	165
29.20	29.20	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	166
31.00	31.00	CM	Longitudinal cracking (moderate) at 3 o'clock	10	2	00:00:00	167
31.30	31.30	FH	End of survey			00:00:00	168

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 12/21/2011
Inspection no.: DM8	Address: PIERLET AVE/WALLACE DR, E SIDE OF RD	Sewer: DM8	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH10A	Total length: 31.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH9A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 164 Distance: 1.30 m
Code : ST

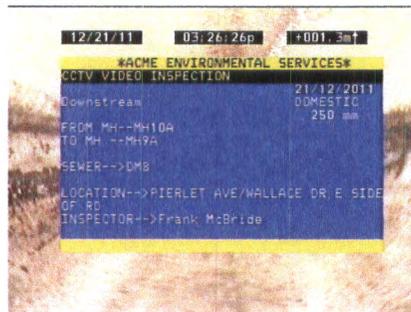


Photo : 164_b Distance: 1.30 m
Code : ST

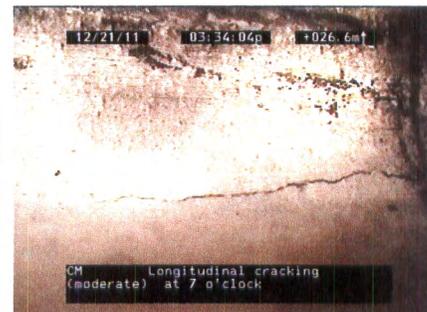


Photo : 165 Distance: 26.60 m
Code : CM



Photo : 166 Distance: 29.20 m
Code : JL



Photo : 167 Distance: 31.00 m
Code : CM



Photo : 168 Distance: 31.30 m
Code : FH



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

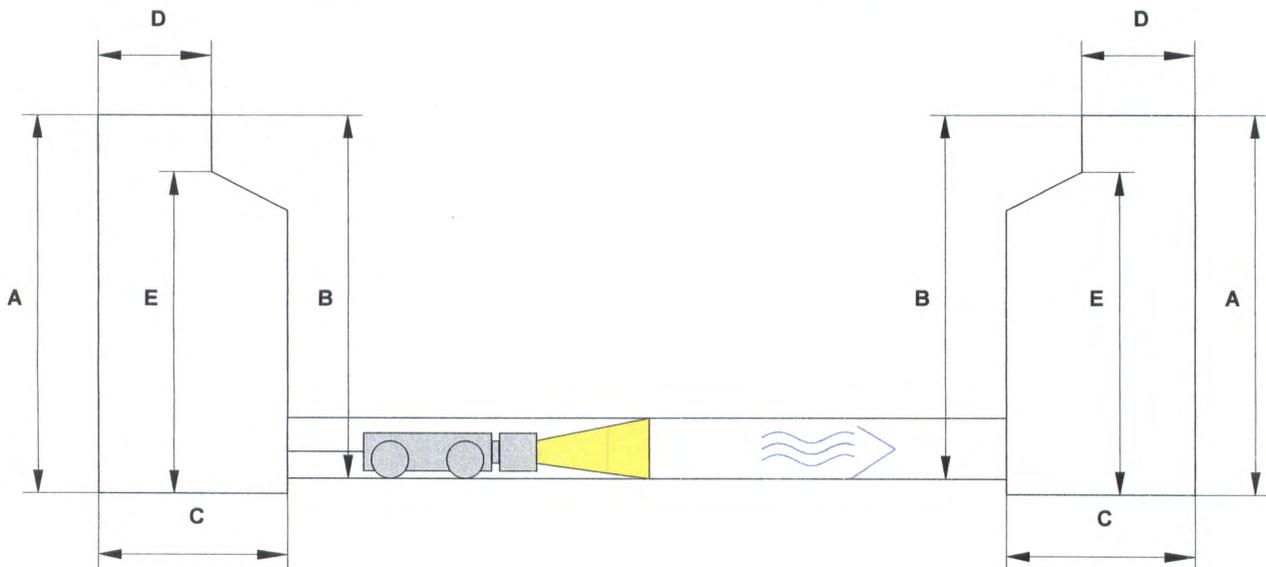
Manhole no.: MH11A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: DM9
Total length: 69.70 m
Insp. length: 69.70 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: DOMESTIC
Year of const.:

End Manhole:

Manhole no.: MH10A
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 69.70 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: MH11A
Address: PIERLET AVE/1ST MH W OF MH12A
City: REGINA
Manhole type: Sanitary

End Manhole:

Manhole no.: MH10A
Address: PIERLET AVE/WALLACE DR,E SIDE OF RD
City: REGINA
Manhole type: Sanitary

Sewer:

Manhole no.: DM9
Plan DWG no.:
Location:
Address: PIERLET AVE/WALLACE DR,E SIDE OF RD
City: REGINA
Total length: 69.70 m
Sewer type: DOMESTIC
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

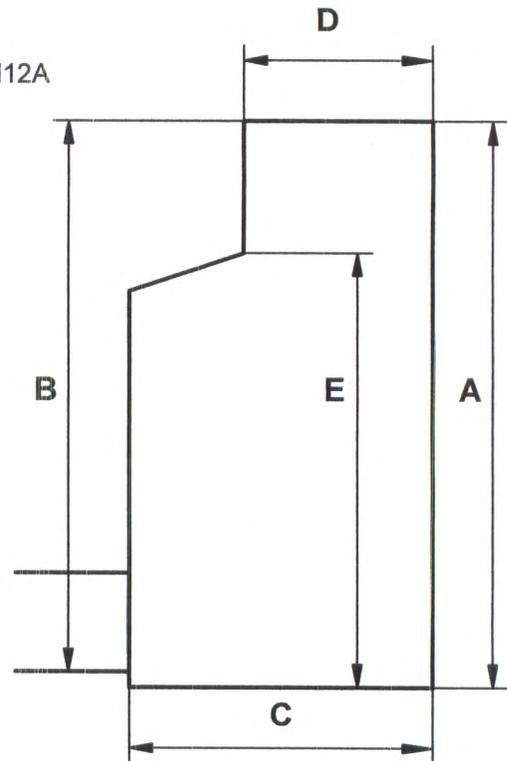


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH11A
Address: PIERLET AVE/1ST MH W OF MH12A
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



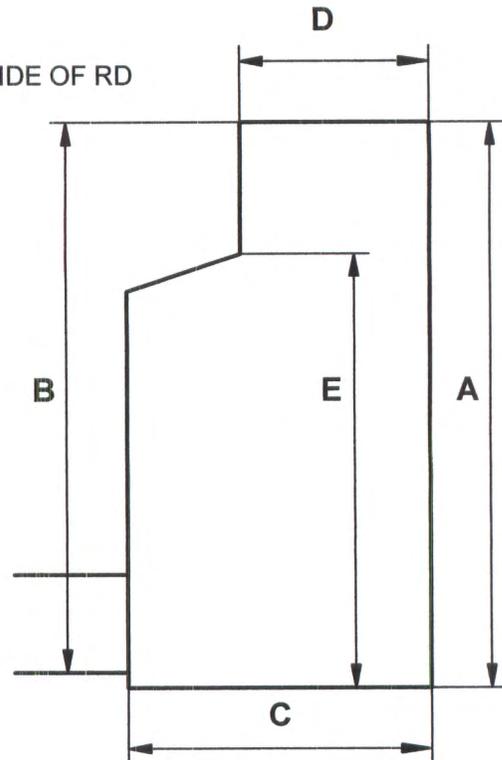


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH10A
Address: PIERLET AVE/WALLACE DR,E SIDE OF RD
District: REGINA
Manhole type: Sanitary
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: OCT 22/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR, E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

Sewer: DM9 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
0.00	0.00	ST	Start of survey			00:00:00	154 154_b
13.10	13.10	DEG	S1 Debris grease, % cross-sectional area loss	2	1	00:00:00	155
17.10	17.10	DEG	F1 Debris grease, % cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	156
18.80	18.80	DEG	S2 Debris grease, % cross-sectional area loss	2	1	00:00:00	157
24.30	24.30	DEG	F2 Debris grease, % cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	158
28.00	28.00	EL	S3 Encrustation light, (position), < 5% cross-sectional area loss	2	1	00:00:00	159
53.90	53.90	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	160
65.60	65.60	EL	F3 Encrustation light, (position), < 5% cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	161
69.30	69.30	CL	Circumferential cracking (light)	10	2	00:00:00	162
69.70	69.70	FH	End of survey			00:00:00	163



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR, E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

1 : 400

Sewer: DM9 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
0.00	0.00	ST	Start of survey			00:00:00	154 154_b
13.10	13.10	DEG	S1 Debris grease, % cross-sectional area loss	2	1	00:00:00	155
17.10	17.10	DEG	F1 Debris grease, % cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	156
18.80	18.80	DEG	S2 Debris grease, % cross-sectional area loss	2	1	00:00:00	157
24.30	24.30	DEG	F2 Debris grease, % cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	158
28.00	28.00	EL	S3 Encrustation light, (position), < 5% cross-sectional area loss	2	1	00:00:00	159
53.90	53.90	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	160
65.60	65.60	EL	F3 Encrustation light, (position), < 5% cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	161
69.30	69.30	CL	Circumferential cracking (light)	10	2	00:00:00	162
69.70	69.70	FH	End of survey			00:00:00	163

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 12/21/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR, E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 154 Distance: 0.00 m
Code : ST

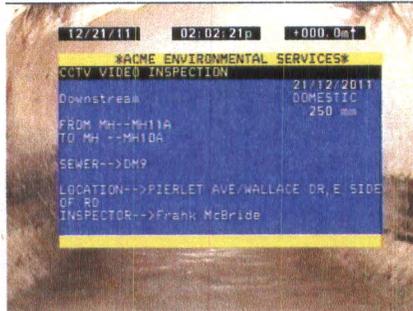


Photo : 154_b Distance: 0.00 m
Code : ST



Photo : 155 Distance: 13.10 m
Code : DEG

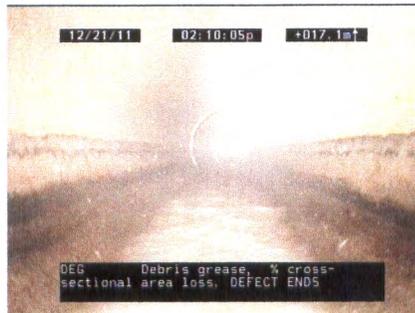


Photo : 156 Distance: 17.10 m
Code : DEG



Photo : 157 Distance: 18.80 m
Code : DEG

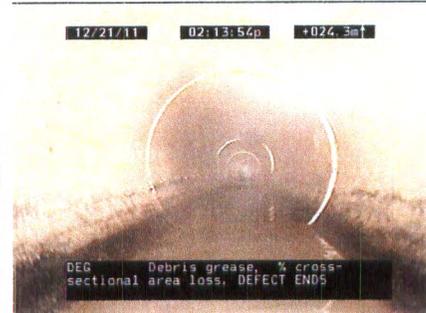


Photo : 158 Distance: 24.30 m
Code : DEG



Photo : 159 Distance: 28.00 m
Code : EL



Photo : 160 Distance: 53.90 m
Code : JM



Photo : 161 Distance: 65.60 m
Code : EL

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/22/2011
Inspection no.: DM9	Address: PIERLET AVE/WALLACE DR,E SIDE OF RD	Sewer: DM9	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: MH11A	Total length: 69.70 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH10A	Page: 9
Profile: Circle 250 / 250 mm	Sewer type: DOMESTIC	Material: VCT Vitrified Clay T	Condition:

sewer inspection

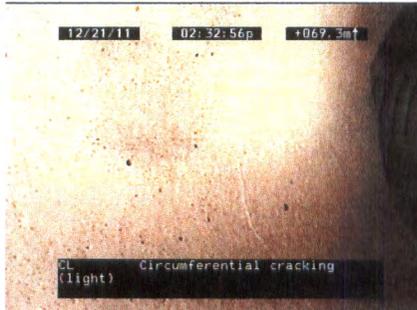


Photo : 162 Distance: 69.30 m
Code : CL

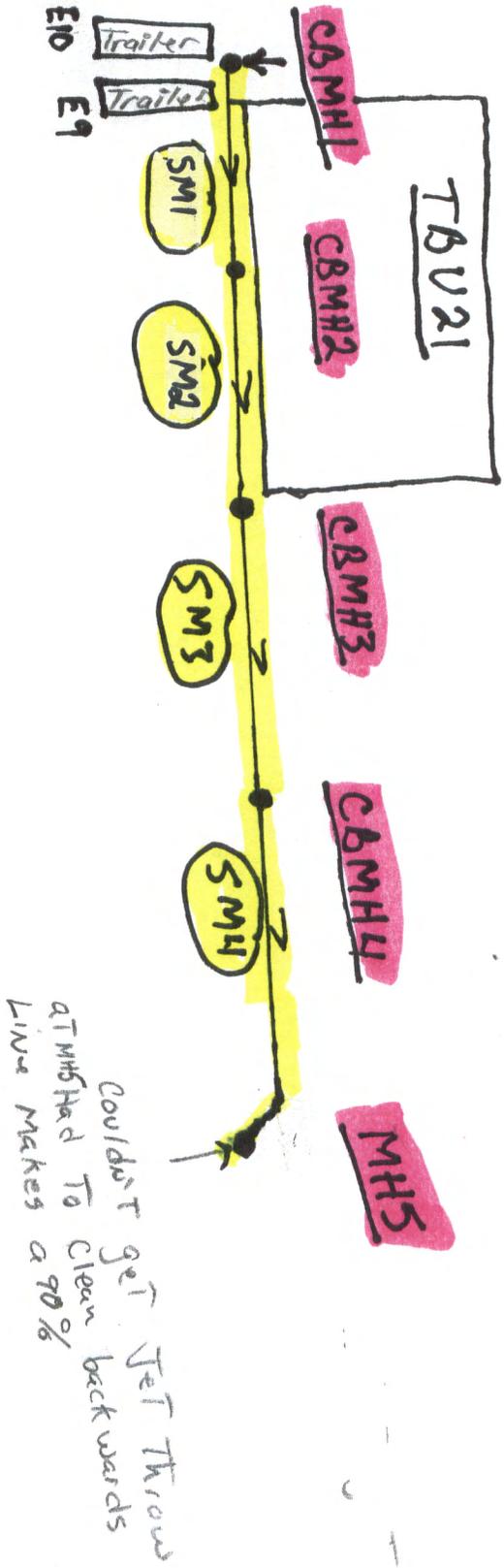


Photo : 163 Distance: 69.70 m
Code : FH

North
①

HAD 1

STORM



CS
710

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM1	Address: N E SIDE OF TRAILER E10	Sewer: SM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH1	Total length: 40.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH2	Page: 1
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

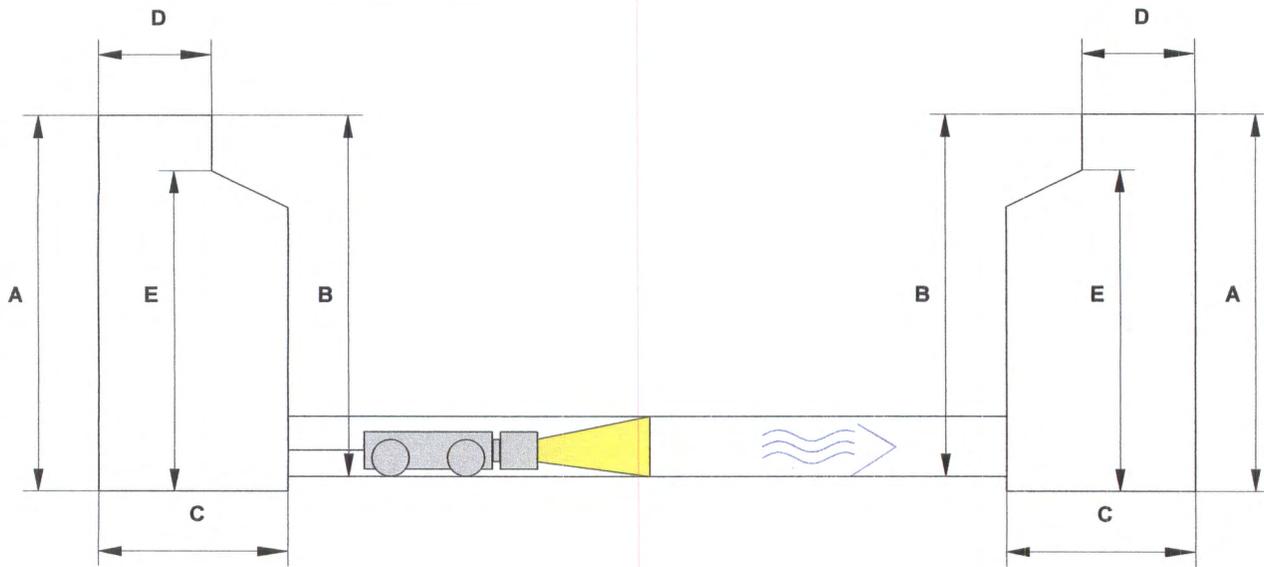
Manhole no.: CBMH1
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: SM1
Total length: 40.10 m
Insp. length: 38.80 m
Profile: Circle
Pipe size: 200 mm / 200 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: STORM
Year of const.:

End Manhole:

Manhole no.: CBMH2
Material:
Profile:
A:
B:
C:
D:
E:
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 38.80 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: SM1	Address: N E SIDE OF TRAILER E10	Sewer: SM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH1	Total length: 40.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH2	Page: 2
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM1	Address: N E SIDE OF TRAILER E10	Sewer: SM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH1	Total length: 40.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH2	Page: 3
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: CBMH1
Address: 1ST CB NORTH SIDE OF TRAILER E10
City: REGINA
Manhole type: Storm

End Manhole:

Manhole no.: CBMH2
Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]
City: REGINA
Manhole type: Storm

Sewer:

Manhole no.: SM1
Plan DWG no.:
Location:
Address: N E SIDE OF TRAILER E10
City: REGINA
Total length: 40.10 m
Sewer type: STORM
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 200 / 200 mm
Segment length:
Year of const.:
Remark:

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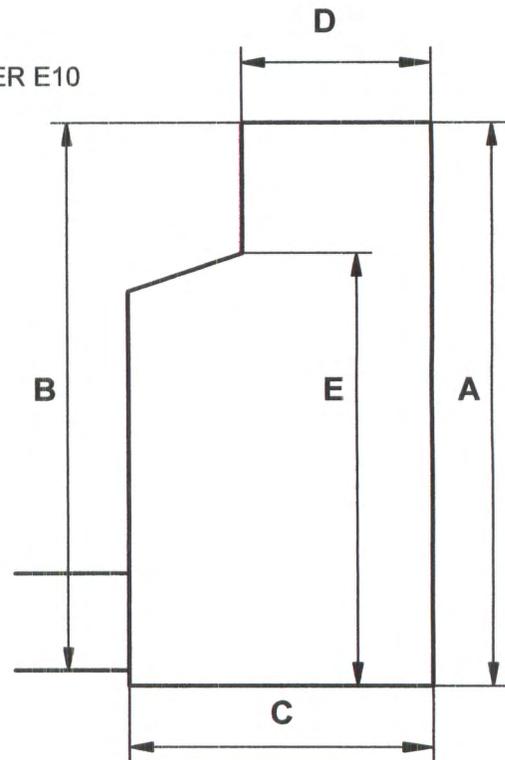


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 5/22/2011
Inspection no.: SM1	Address: N E SIDE OF TRAILER E10	Sewer: SM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH1	Total length: 40.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH2	Page: 4
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: CBMH1
Address: 1ST CB NORTH SIDE OF TRAILER E10
District: REGINA
Manhole type: Storm
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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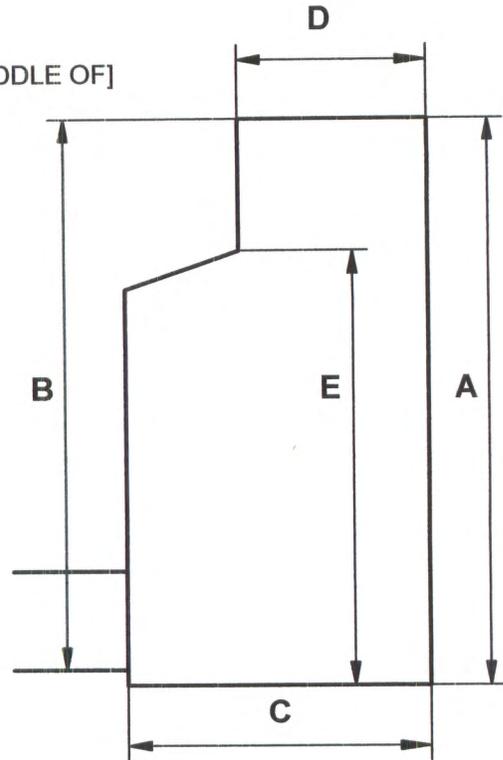


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM1	Address: N E SIDE OF TRAILER E10	Sewer: SM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH1	Total length: 40.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH2	Page: 5
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: CBMH2
Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]
District: REGINA
Manhole type: Storm
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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 PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM1	Address: N E SIDE OF TRAILER E10	Sewer: SM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH1	Total length: 40.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH2	Page: 6
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

Sewer: SM1 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	1 1_b
21.00	21.00	CN	Service connection diameter mm at 9 o'clock material			00:00:00	2 2_b
34.40	34.40	CN	Service connection diameter mm at 9 o'clock material			00:00:00	3 3_b
38.00	38.00	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	4
39.60	39.60	CL	Circumferential cracking (light) . AT MH	10	2	00:00:00	5
40.10	40.10	FH	End of survey			00:00:00	6

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15 FEB/2011
Inspection no.: SM1	Address: N E SIDE OF TRAILER E10	Sewer: SM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH1	Total length: 40.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH2	Page: 7
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

1 : 225

Sewer: SM1 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	1 1_b
21.00	21.00	CN	Service connection diameter mm at 9 o'clock material			00:00:00	2 2_b
34.40	34.40	CN	Service connection diameter mm at 9 o'clock material			00:00:00	3 3_b
38.00	38.00	JL	Joint displaced (light), < 1* pipe wall thickness	1	1	00:00:00	4
39.60	39.60	CL	Circumferential cracking (light) . AT MH	10	2	00:00:00	5
40.10	40.10	FH	End of survey			00:00:00	6

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/12/2011
Inspection no.: SM1	Address: N E SIDE OF TRAILER E10	Sewer: SM1	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH1	Total length: 40.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH2	Page: 8
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

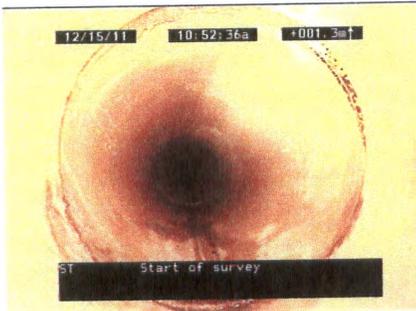


Photo : 1 Distance: 1.30 m
Code : ST

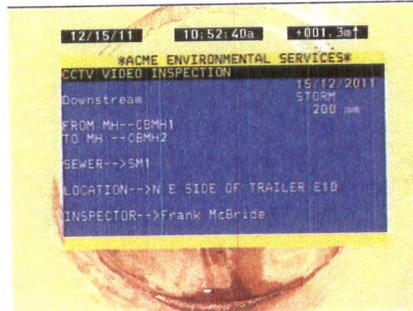


Photo : 1_b Distance: 1.30 m
Code : ST



Photo : 2 Distance: 21.00 m
Code : CN



Photo : 2_b Distance: 21.00 m
Code : CN



Photo : 3 Distance: 34.40 m
Code : CN



Photo : 3_b Distance: 34.40 m
Code : CN

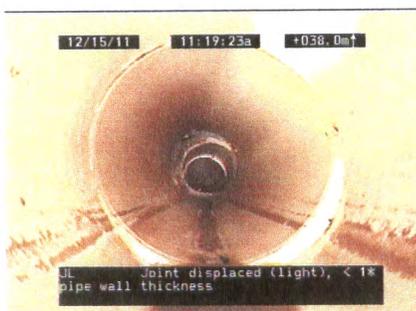


Photo : 4 Distance: 38.00 m
Code : JL

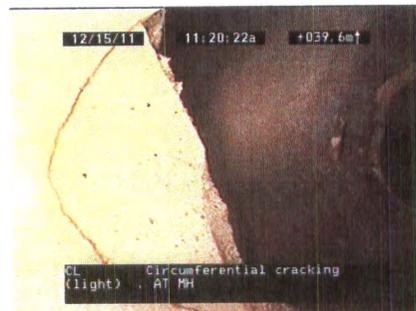


Photo : 5 Distance: 39.60 m
Code : CL



Photo : 6 Distance: 40.10 m
Code : FH

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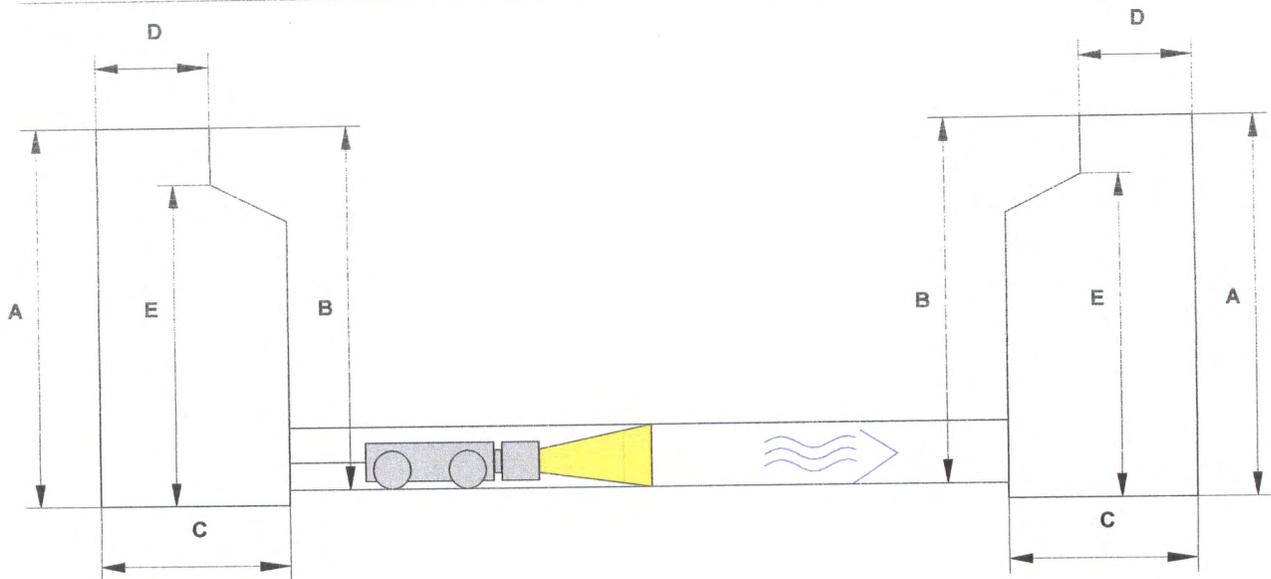


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: MAY/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 1
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:	Sewer:	End Manhole:
Manhole no.: CBMH2	Sewer: SM2	Manhole no.: CBMH3
Material:	Total length: 46.10 m	Material:
Profile:	Insp. length: 46.10 m	Profile:
A:	Profile: Circle	A:
B:	Pipe size: 200 mm / 200 mm	B:
C:	Segment length:	C:
D:	Material: VCT Vitrified Clay Tile	D:
E:	Sewer type: STORM	E:
Elevation above s.l.:	Year of const.:	Elevation above s.l.:
Longitude:		Longitude:
Latitude:		Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 46.10 m
Present:
Reason of insp.:

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S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 2
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 5/22/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 3
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: CBMH2
Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]
City: REGINA
Manhole type: Storm

End Manhole:

Manhole no.: CBMH3
Address: 1ST CB S E CORNER OF BLVD TBU98
City: REGINA
Manhole type: Storm

Sewer:

Manhole no.: SM2
Plan DWG no.:
Location:
Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]
City: REGINA
Total length: 46.10 m
Sewer type: STORM
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 200 / 200 mm
Segment length:
Year of const.:
Remark:

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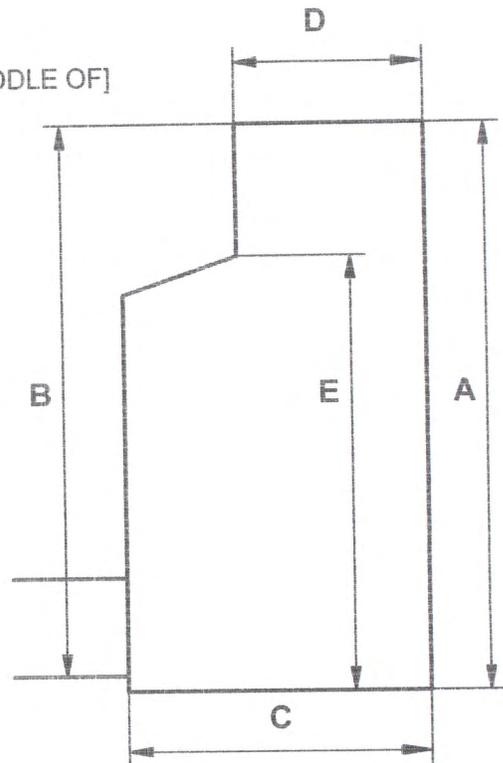
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REGINA, SASK
S4R8G1
PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 5/22/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 4
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: CBMH2
Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]
District: REGINA
Manhole type: Storm
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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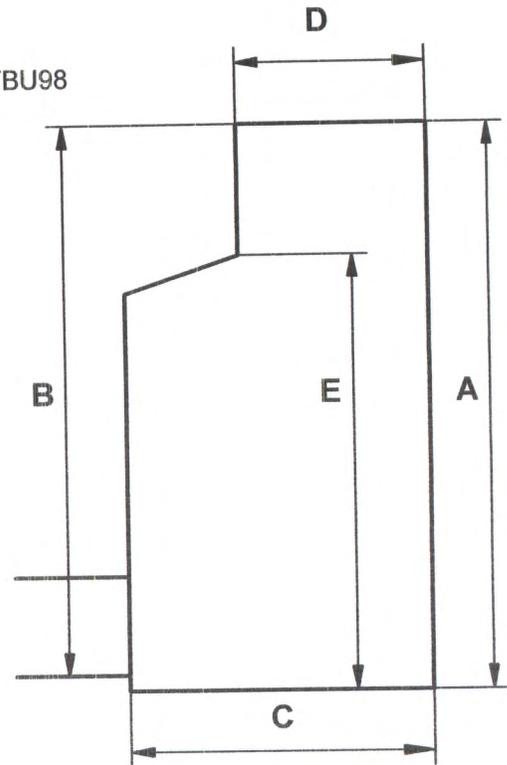


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 5
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: CBMH3
Address: 1ST CB S E CORNER OF BLVD TBU98
District: REGINA
Manhole type: Storm
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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 PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 6
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

Sewer: SM2 Score: 0

Start	End Code	Description	Score	DC	Video	Photo
0.00	0.00 ST	Start of survey			00:00:00	7 7_b
0.00	0.00 CL	Circumferential cracking (light) . AT MH	10	2	00:00:00	8 8_b
0.20	0.20 FL	Circumferential fracture (light)	40	3	00:00:00	9 9_b
2.00	2.00 FL	Circumferential fracture (light)	40	3	00:00:00	10
22.20	22.20 CN	Service connection diameter mm at 9 o'clock material			00:00:00	11 11_b
34.10	34.10 CN	Service connection diameter mm at 9 o'clock material			00:00:00	12 12_b
38.00	38.00 CM	Longitudinal cracking (moderate)	10	2	00:00:00	13
46.10	46.10 FH	End of survey			00:00:00	14

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15 FEB/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 7
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

1 : 275

Sewer: SM2 Score: 0

Start	End	Code	Description	Score	DC	Video	Photo
0.00	0.00	ST	Start of survey			00:00:00	7 7_b
0.00	0.00	CL	Circumferential cracking (light) . AT MH	10	2	00:00:00	8 8_b
0.20	0.20	FL	Circumferential fracture (light)	40	3	00:00:00	9 9_b
2.00	2.00	FL	Circumferential fracture (light)	40	3	00:00:00	10
22.20	22.20	CN	Service connection diameter mm at 9 o'clock material			00:00:00	11 11_b
34.10	34.10	CN	Service connection diameter mm at 9 o'clock material			00:00:00	12 12_b
38.00	38.00	CM	Longitudinal cracking (moderate)	10	2	00:00:00	13
46.10	46.10	FH	End of survey			00:00:00	14

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/12/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 8
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

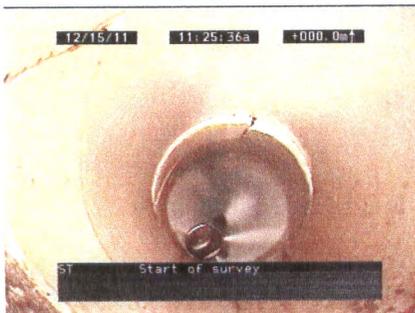


Photo : 7 Distance: 0.00 m
Code : ST

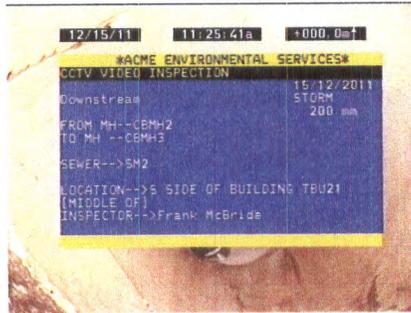


Photo : 7_b Distance: 0.00 m
Code : ST

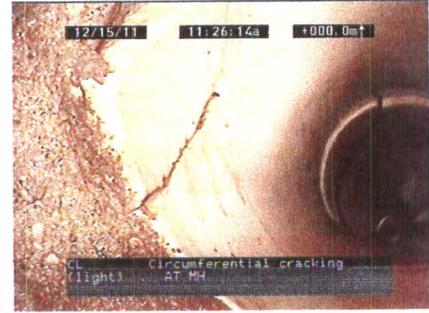


Photo : 8 Distance: 0.00 m
Code : CL

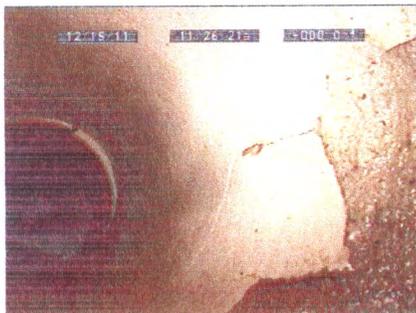


Photo : 8_b Distance: 0.00 m
Code : CL

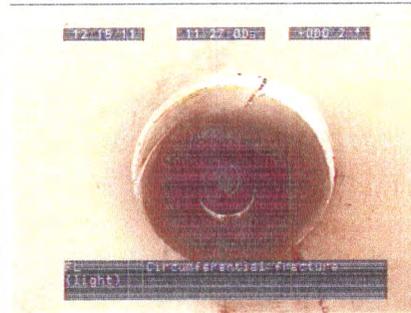


Photo : 9 Distance: 0.20 m
Code : FL

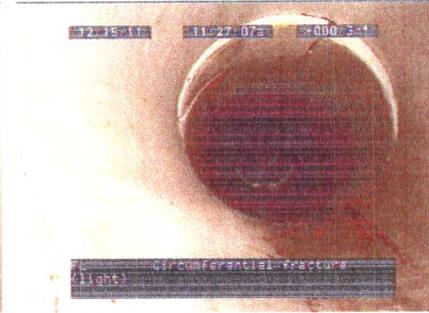


Photo : 9_b Distance: 0.20 m
Code : FL

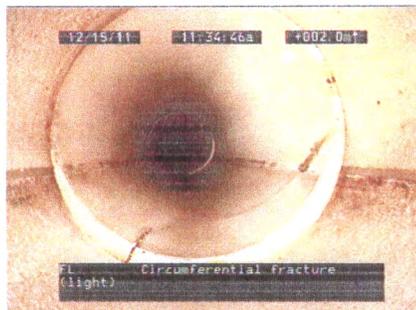


Photo : 10 Distance: 2.00 m
Code : FL



Photo : 11 Distance: 22.20 m
Code : CN



Photo : 11_b Distance: 22.20 m
Code : CN



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM2	Address: S SIDE OF BUILDING TBU21 [MIDDLE OF]	Sewer: SM2	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH2	Total length: 46.10 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH3	Page: 9
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

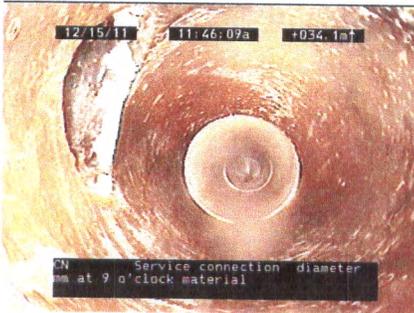


Photo : 12 Distance: 34.10 m
Code : CN



Photo : 12_b Distance: 34.10 m
Code : CN



Photo : 13 Distance: 38.00 m
Code : CM



Photo : 14 Distance: 46.10 m
Code : FH

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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 1
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

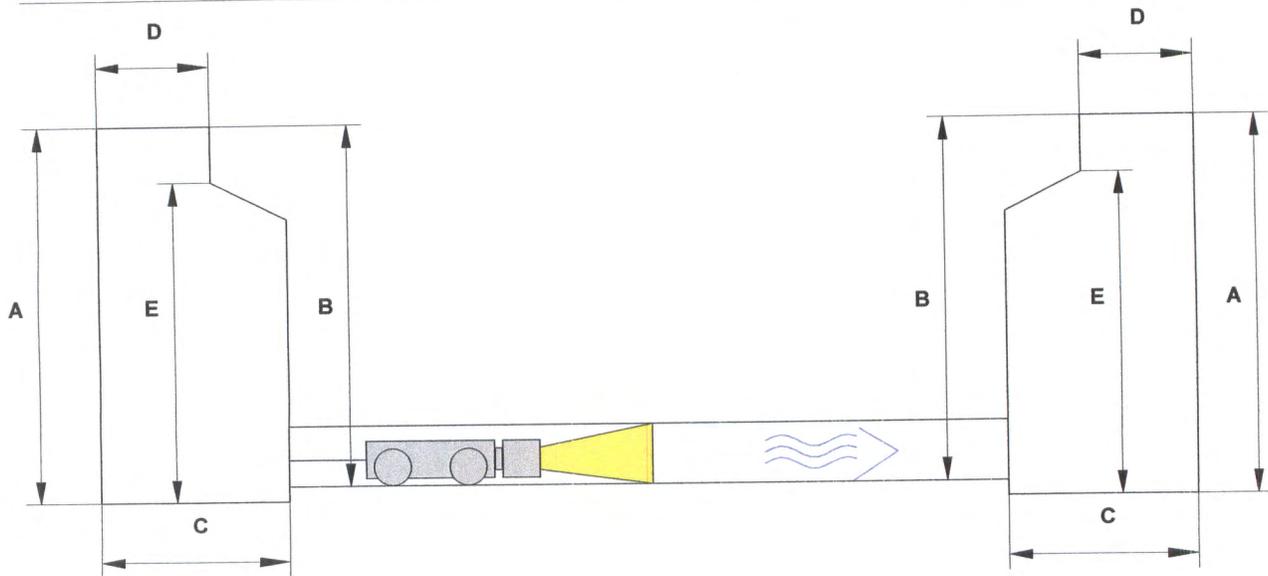
Manhole no.: CBMH3
Material:
Profile:
A:
B:
C:
D:
E
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: SM3
Total length: 43.30 m
Insp. length: 43.30 m
Profile: Circle
Pipe size: 200 mm / 200 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: STORM
Year of const.:

End Manhole:

Manhole no.: CBMH4
Material:
Profile:
A:
B:
C:
D:
E
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 43.30 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 2
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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S4R8G1
PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 3
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: CBMH3
Address: 1ST CB S E CORNER OF BLVD TBU98
City: REGINA
Manhole type: Storm

End Manhole:

Manhole no.: CBMH4
Address: 1ST CB E OF CBMH3, E PARKING LOT
City: REGINA
Manhole type: Storm

Sewer:

Manhole no.: SM3
Plan DWG no.:
Location:
Address: 1ST CB S E CORNER OF BLVD TBU98
City: REGINA
Total length: 43.30 m
Sewer type: STORM
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 200 / 200 mm
Segment length:
Year of const.:
Remark:

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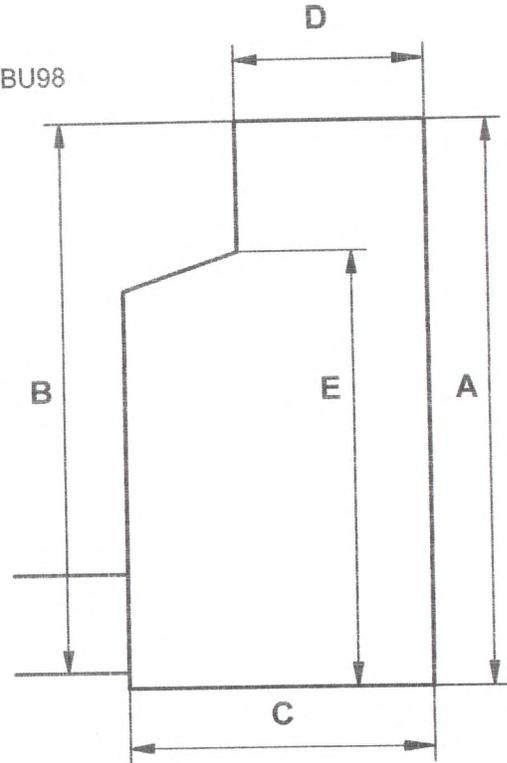


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 4
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: CBMH3
Address: 1ST CB S E CORNER OF BLVD TBU98
District: REGINA
Manhole type: Storm
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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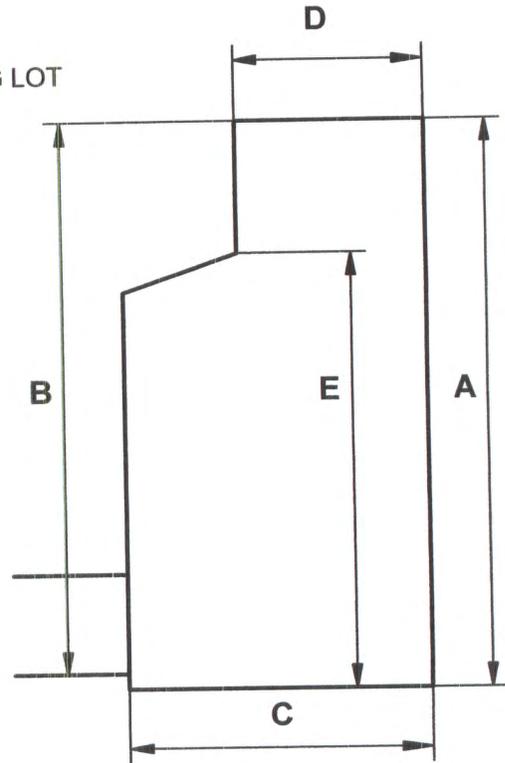
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PH# 1-800-914-1121

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 5
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: CBMH4
Address: 1ST CB E OF CBMH3, E PARKING LOT
District: REGINA
Manhole type: Storm
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 6
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

Sewer: SM3 Score: 0

Start	End Code	Description	Score	DC	Video	Photo
0.00	0.00 ST	Start of survey			00:00:00	15 15_b
1.30	1.30 GO	General Observation: ENCRUSTATION			00:00:00	16
2.00	2.00 GO	General Observation: ENCRUSTATION			00:00:00	17
4.70	4.70 CN	Service connection diameter mm at 3 o'clock material			00:00:00	18 18_b
5.00	5.00 CL	Circumferential cracking (light) . AT SERVICE	10	2	00:00:00	19
5.30	5.30 CL	Circumferential cracking (light)	10	2	00:00:00	20
5.50	5.50 CN	Service connection diameter 25 mm material			00:00:00	21
9.60	9.60 GO	General Observation: ENCRUSTATION			00:00:00	22
12.00	12.00 EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	23 23_b
16.50	16.50 CL	Circumferential cracking (light)	10	2	00:00:00	24
17.30	17.30 JS	Joint displaced (severe), > 10% of diameter or soil is visible around joint	80	4	00:00:00	25
17.80	17.80 FX	Broken Pipe	80	4	00:00:00	26 26_b
18.50	18.50 FX	Broken Pipe	80	4	00:00:00	27
20.90	20.90 EL	S1 Encrustation light, (position), < 5% cross-sectional area loss. AT JOINTS	1	1	00:00:00	28
29.30	29.30 CL	Circumferential cracking (light)	10	2	00:00:00	29 29_b
42.10	42.10 CS	Multiple cracking-Complex or Helical, (severe)	40	3	00:00:00	30
43.30	43.30 EM	F1 Encrustation moderate, (position), 5%-20% cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	31
43.30	43.30 FH	End of survey			00:00:00	32

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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 7
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

Sewer: SM3 Score: 0

1 : 250

Start	End	Code	Description	Score	DC	Video	Photo
0.00	0.00	ST	Start of survey			00:00:00	15 15_b
1.30	1.30	GO	General Observation.: ENCRUSTATION			00:00:00	16
2.00	2.00	GO	General Observation.: ENCRUSTATION			00:00:00	17
4.70	4.70	CN	Service connection diameter mm at 3 o'clock material			00:00:00	18 18_b
5.00	5.00	CL	Circumferential cracking (light) . AT SERVICE	10	2	00:00:00	19
5.30	5.30	CL	Circumferential cracking (light)	10	2	00:00:00	20
5.50	5.50	CN	Service connection diameter 25 mm material			00:00:00	21
9.60	9.60	GO	General Observation.: ENCRUSTATION			00:00:00	22
12.00	12.00	EM	Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	23 23_b
16.50	16.50	CL	Circumferential cracking (light)	10	2	00:00:00	24
17.30	17.30	JS	Joint displaced (severe), > 10% of diameter or soil is visible around joint	80	4	00:00:00	25
17.80	17.80	FX	Broken Pipe	80	4	00:00:00	26 26_b
18.50	18.50	FX	Broken Pipe	80	4	00:00:00	27
20.90	20.90	EL	S1 Encrustation light, (position), < 5% cross-sectional area loss. AT JOINTS	1	1	00:00:00	28
29.30	29.30	CL	Circumferential cracking (light)	10	2	00:00:00	29 29_b
42.10	42.10	CS	Multiple cracking-Complex or Helical, (severe)	40	3	00:00:00	30
43.30	43.30	EM	F1 Encrustation moderate, (position), 5%-20% cross-sectional area loss. DEFECT ENDS	2	1	00:00:00	31
43.30	43.30	FH	End of survey			00:00:00	32

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/12/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 8
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 15 Distance: 0.00 m
Code : ST



Photo : 15_b Distance: 0.00 m
Code : ST



Photo : 16 Distance: 1.30 m
Code : GO



Photo : 17 Distance: 2.00 m
Code : GO



Photo : 18 Distance: 4.70 m
Code : CN



Photo : 18_b Distance: 4.70 m
Code : CN



Photo : 19 Distance: 5.00 m
Code : CL



Photo : 20 Distance: 5.30 m
Code : CL



Photo : 21 Distance: 5.50 m
Code : CN

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 12/15/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 9
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 22 Distance: 9.60 m
Code : GO



Photo : 23 Distance: 12.00 m
Code : EM



Photo : 23_b Distance: 12.00 m
Code : EM



Photo : 24 Distance: 16.50 m
Code : CL

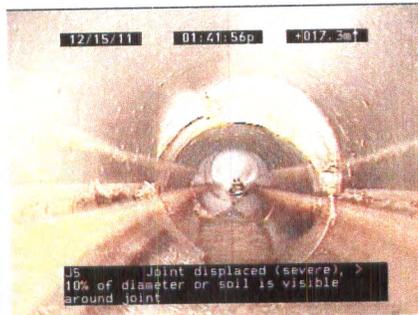


Photo : 25 Distance: 17.30 m
Code : JS



Photo : 26 Distance: 17.80 m
Code : FX



Photo : 26_b Distance: 17.80 m
Code : FX



Photo : 27 Distance: 18.50 m
Code : FX



Photo : 28 Distance: 20.90 m
Code : EL

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM3	Address: 1ST CB S E CORNER OF BLVD TBU98	Sewer: SM3	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH3	Total length: 43.30 m
Operator: Frank McBride	Direction: Downstream	End Manhole: CBMH4	Page: 10
Profile: Circle 200 / 200 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection



Photo : 29 Distance: 29.30 m
Code : CL



Photo : 29_b Distance: 29.30 m
Code : CL



Photo : 30 Distance: 42.10 m
Code : CS



Photo : 31 Distance: 43.30 m
Code : EM

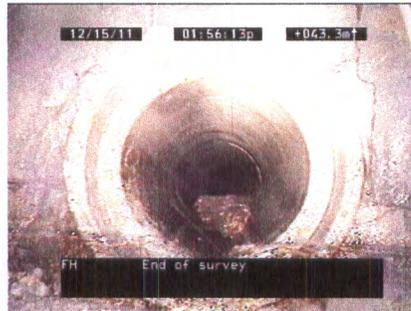


Photo : 32 Distance: 43.30 m
Code : FH

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 1
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Plan DWG no.:

Start Manhole:

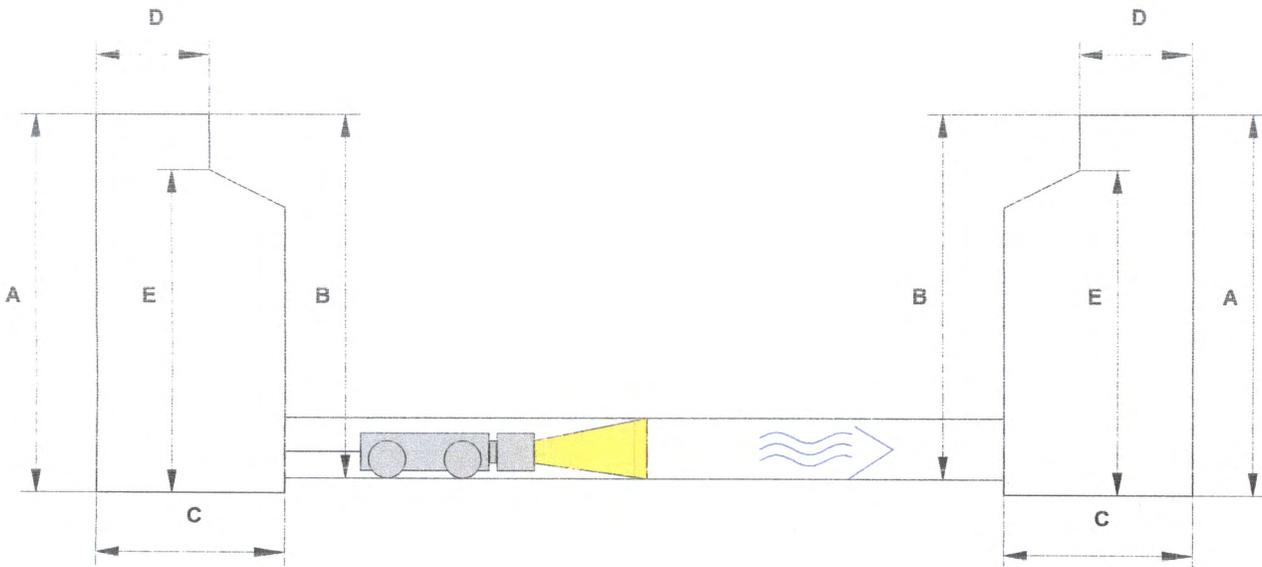
Manhole no.: CBMH4
Material:
Profile:
A:
B:
C:
D:
E
Elevation above s.l.:
Longitude:
Latitude:

Sewer:

Sewer: SM4
Total length: 36.80 m
Insp. length: 35.50 m
Profile: Circle
Pipe size: 250 mm / 250 mm
Segment length:
Material: VCT Vitrified Clay Tile
Sewer type: STORM
Year of const.:

End Manhole:

Manhole no.: MH5
Material:
Profile:
A:
B:
C:
D:
E
Elevation above s.l.:
Longitude:
Latitude:



Short View:

Video Tape: 0
Start Pos.:
End Pos.:
Insp. length: 35.50 m
Present:
Reason of insp.:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 15/12/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 2
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Project:

Project: RCMP TRAINING CENTER
Date: 15/12/2011
Description: CAMERA AND CLEAN SANITARY AND STORM
Remark: 5907 DEWDNEY AVE

Client:

Client: RCMP

Address:

City:
Contact:
P.O.B.:
Phone:
Fax:
e-mail:
Remark:

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15 FEB / 2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 3
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Start Manhole:

Manhole no.: CBMH4
Address: 1ST CB E OF CBMH3,E PARKING LOT
City: REGINA
Manhole type: Storm

End Manhole:

Manhole no.: MH5
Address: SHAW ST/ 1ST MH S OF PIERLET AVE
City: REGINA
Manhole type: Storm

Sewer:

Manhole no.: SM4
Plan DWG no.:
Location:
Address: 1ST CB E OF CBMH3,E PARKING LOT
City: REGINA
Total length: 36.80 m
Sewer type: STORM
Material: VCT Vitrified Clay Tile
Int. protection:
Profile: Circle 250 / 250 mm
Segment length:
Year of const.:
Remark:

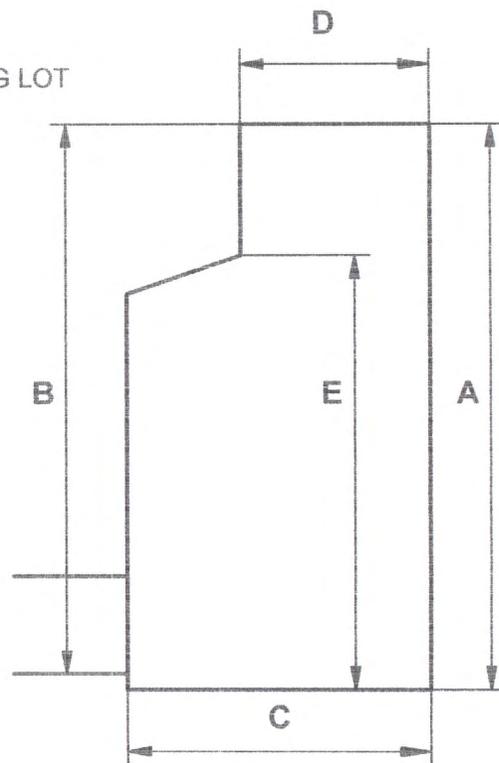


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 11/22/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 4
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: CBMH4
Address: 1ST CB E OF CBMH3,E PARKING LOT
District: REGINA
Manhole type: Storm
Position: Outside building
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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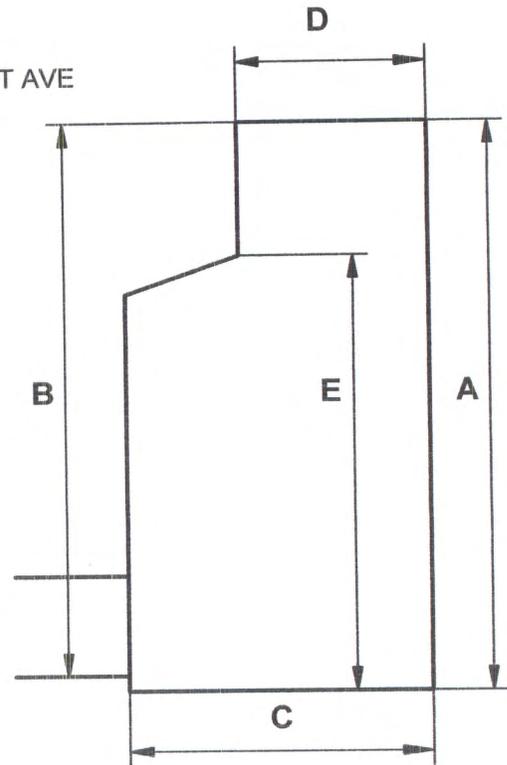


Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15 FEB/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 5
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

Manhole data:

Manhole no.: MH5
Address: SHAW ST/ 1ST MH S OF PIERLET AVE
District: REGINA
Manhole type: Storm
Position: In street
Inspection area: City
Shape chimney:
Shape barrel:
Material chimney:
Material barrel:
Material MH bottom:
Material bench:
Barrel protection:
Chimney protection:
Steps:
Connections:
Rim to MH bottom: (A)
Rim to Invert: (B)
Diam. barrel: (C)
Diam. chimney: (D)
Height barrel: (E)
Chimney height:
Benching:
Elevation above s.l.:
Longitude:
Latitude:
Lid model:
Lid class:
Lid length:
Lid width:



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Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 6
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

Sewer: SM4 Score:

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	36 36_b
1.40	1.40	EM	S1 Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	37
27.00	27.00	CL	Circumferential cracking (light)	10	2	00:00:00	38
27.00	27.00	RMS	Root mass (severe), > 50% cross-sectional area loss, from ... to ... o'clock	20	2	00:00:00	39
27.60	27.60	ST	Start of survey. AFTER ROOT CUTTING			00:00:00	41
28.00	28.00	SA	Survey abandoned. AT ROOT MASS			00:00:00	40
32.40	32.40	RF	Roots fine	1	1	00:00:00	42
32.90	32.90	RF	Roots fine	1	1	00:00:00	43
33.50	33.50	CL	Circumferential cracking (light)	10	2	00:00:00	44
34.00	34.00	RF	Roots fine	1	1	00:00:00	45
34.60	34.60	CN	Service connection diameter 200 mm material			00:00:00	46 46_b
35.20	35.20	CL	Circumferential cracking (light)	10	2	00:00:00	47
35.80	35.80	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	48
36.20	36.20	MC	Pipe material changes to PVC Polyvinylchloride Pipe			00:00:00	49
36.30	36.30	LR	Line of sewer deviates right % height/diameter			00:00:00	50
36.80	36.80	GO	General Observation: MH CAN BE SEEN			00:00:00	51
36.80	36.80	EL	F1 Encrustation light, (position), < 5% cross-sectional area loss. DEFECT ENDS	1	1	00:00:00	52
36.80	36.80	SA	Survey abandoned. AT 45			00:00:00	53



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/02/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 7
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

1 : 200

Sewer: SM4 Score:

Start	End	Code	Description	Score	DC	Video	Photo
1.30	1.30	ST	Start of survey			00:00:00	36 36_b
1.40	1.40	EM	S1 Encrustation moderate, (position), 5%-20% cross-sectional area loss	2	1	00:00:00	37
27.00	27.00	CL	Circumferential cracking (light)	10	2	00:00:00	38
27.00	27.00	RMS	Root mass (severe), > 50% cross-sectional area loss, from ... to ... o'clock	20	2	00:00:00	39
27.60	27.60	ST	Start of survey. AFTER ROOT CUTTING			00:00:00	41
28.00	28.00	SA	Survey abandoned. AT ROOT MASS			00:00:00	40
32.40	32.40	RF	Roots fine	1	1	00:00:00	42
32.90	32.90	RF	Roots fine	1	1	00:00:00	43
33.50	33.50	CL	Circumferential cracking (light)	10	2	00:00:00	44
34.00	34.00	RF	Roots fine	1	1	00:00:00	45
34.60	34.60	CN	Service connection diameter 200 mm material			00:00:00	46 46_b
35.20	35.20	CL	Circumferential cracking (light)	10	2	00:00:00	47
35.80	35.80	JM	Joint displaced (moderate), > 1* pipe wall thickness	2	1	00:00:00	48
36.20	36.20	MC	Pipe material changes to PVC Polyvinylchloride Pipe			00:00:00	49
36.30	36.30	LR	Line of sewer deviates right % height/diameter			00:00:00	50
36.80	36.80	GO	General Observation: MH CAN BE SEEN			00:00:00	51
36.80	36.80	EL	F1 Encrustation light, (position), < 5% cross-sectional area loss. DEFECT ENDS	1	1	00:00:00	52
36.80	36.80	SA	Survey abandoned. AT 45			00:00:00	53

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 15/12/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 8
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

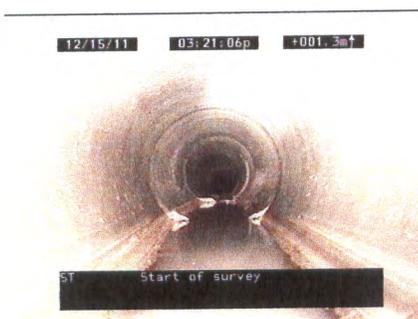


Photo : 36 Distance: 1.30 m
Code : ST

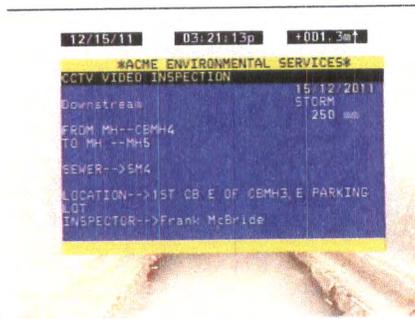


Photo : 36_b Distance: 1.30 m
Code : ST

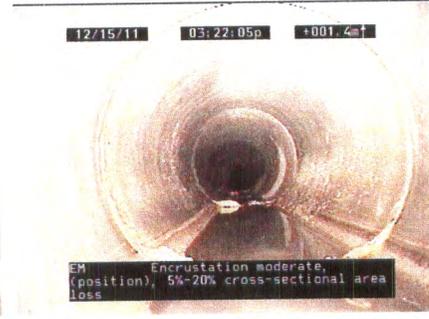


Photo : 37 Distance: 1.40 m
Code : EM



Photo : 38 Distance: 27.00 m
Code : CL

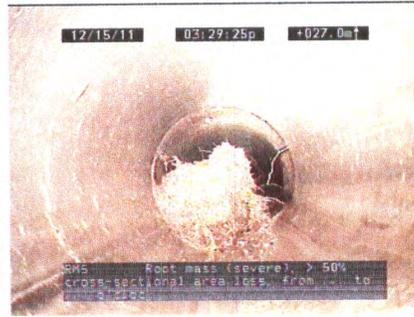


Photo : 39 Distance: 27.00 m
Code : RMS

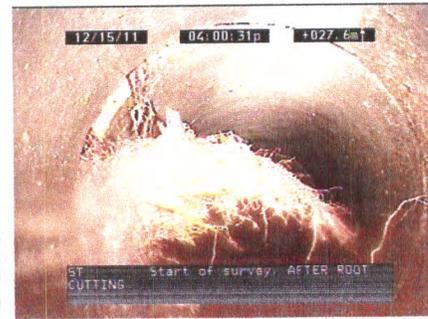


Photo : 41 Distance: 27.60 m
Code : ST



Photo : 40 Distance: 28.00 m
Code : SA

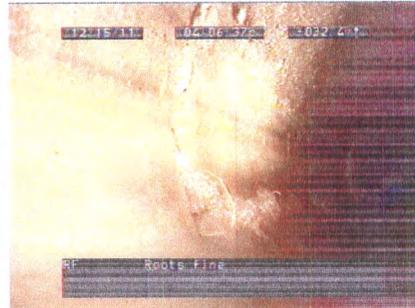


Photo : 42 Distance: 32.40 m
Code : RF

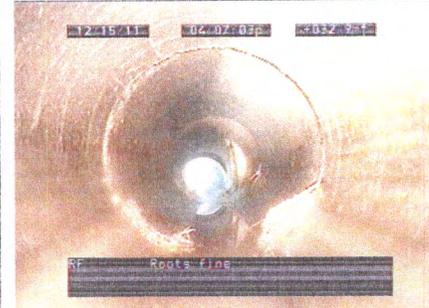


Photo : 43 Distance: 32.90 m
Code : RF

Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTER	Date: 12/15/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 9
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitriified Clay T	Condition:

sewer inspection



Photo : 44 Distance: 33.50 m
Code : CL



Photo : 45 Distance: 34.00 m
Code : RF



Photo : 46 Distance: 34.60 m
Code : CN



Photo : 46_b Distance: 34.60 m
Code : CN

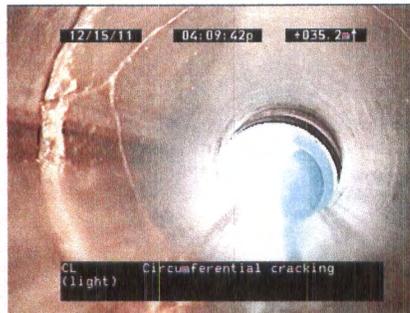


Photo : 47 Distance: 35.20 m
Code : CL



Photo : 48 Distance: 35.80 m
Code : JM

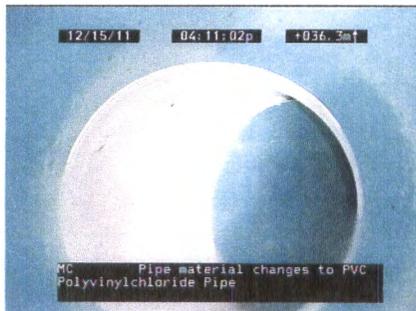


Photo : 49 Distance: 36.20 m
Code : MC



Photo : 50 Distance: 36.30 m
Code : LR



Photo : 51 Distance: 36.80 m
Code : GO

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PH# 1-800-914-1121



Client: RCMP	City: REGINA	Project: RCMP TRAINING CENTRE	Date: 12/15/2011
Inspection no.: SM4	Address: 1ST CB E OF CBMH3,E PARKING LOT	Sewer: SM4	Video Tape no.: 0
Contract no.:	Reason of insp.:	Start Manhole: CBMH4	Total length: 36.80 m
Operator: Frank McBride	Direction: Downstream	End Manhole: MH5	Page: 10
Profile: Circle 250 / 250 mm	Sewer type: STORM	Material: VCT Vitrified Clay T	Condition:

sewer inspection

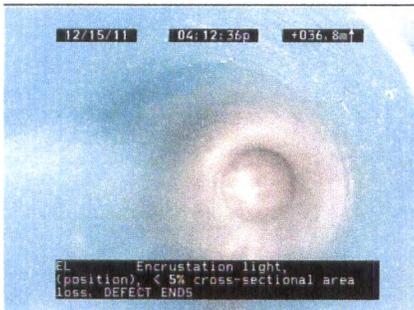


Photo : 52
Code : EL

Distance: 36.80 m



Photo : 53
Code : SA

Distance: 36.80 m