



Manhole Inspection Form

M1-16-31



Manhole Number	M1-16-31	Historic Manhole Number	Gratiot 32
Year Installed	1978	Structure Type	Sanitary Manhole
Street	Gratiot	Address	48475
Elevation	<null>	Weather	Sunny
Temperature	80°	Ground Condition	Dry
Status	At Surface Grade	Location	Yard Side
Pavment Condition	N/A	Traffic	No Traffic at Location
Inspector 1	Rbc	Inspector 2	AC
Cover Type	EJ 1040	Number of Cover Holes	3 - 5
Catch Basin Cover	N/A	Cover Insert	No
Cover Gasket	Yes	Cover Grade	Cover is Below Grade
Grade Dist	1	Cover Fit	Good Fit
Cover Condition	Corroded	Frame Condition	Poor
Frame Offset	<null>	Frame Seal Condition	Fair
Frame Seal Inflow	None	Frame Riser	No
Frame Riser Height	<null>	Frame Riser Material	<null>
Manhole Diameter	48	Manhole Depth	8.25
Chimney Depth	0.8	Chimney Construction	Precast
Chimney Condition	Good	Chimney Inflow	None
Cone Shape	<null>	Cone Depth	30
Cone Construction	Precast	Cone Condition	Fair
Cone Inflow	Low	Cone Defect Location	<null>
Wall Construction	Precast	Wall Condition	Fair
Wall Inflow	Moderate	Wall Defect Location	Wall Joint
Wall Defect Location 2	<null>	Wall Defect Location 3	<null>
Wall Defect Location 4	<null>	Wall Defect Location 5	<null>
Bench Construction	Poured	Bench Condition	Fair
Bench Inflow	Low	Channel Construction	Poured
Channel Condition	Fair	Channel Inflow	None
Channel Hydraulics	Poor	Channel Exposure	Fully



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Step Construction	Iron	Step Condition	Poor
Surcharge Evidence	<null>		
Pipe 1 Flow	Inward Flow	Pipe 1 Diameter	12
Pipe 1 Direction	SE	Pipe 1 Depth	8.1
Pipe 1 Material	Concrete	Pipe 1 Seal Condition	Fair
Pipe 1 Drop	<null>	Pipe 1 Comments	<null>
Pipe 2 Flow	Outward Flow	Pipe 2 Diameter	12
Pipe 2 Direction	NW	Pipe 2 Depth	8.25
Pipe 2 Material	Concrete	Pipe 2 Seal Condition	Good
Pipe 2 Drop	<null>	Pipe 2 Comments	<null>
Pipe 3 Flow	<null>	Pipe 3 Diameter	<null>
Pipe 3 Direction	<null>	Pipe 3 Depth	<null>
Pipe 3 Material	<null>	Pipe 3 Seal Condition	<null>
Pipe 3 Drop	<null>	Pipe 3 Comments	<null>
Pipe 4 Flow	<null>	Pipe 4 Diameter	<null>
Pipe 4 Direction	<null>	Pipe 4 Depth	<null>
Pipe 4 Material	<null>	Pipe 4 Seal Condition	<null>
Pipe 4 Drop	<null>	Pipe 4 Comments	<null>
Pipe 5 Flow	<null>	Pipe 5 Diameter	<null>
Pipe 5 Direction	<null>	Pipe 5 Depth	<null>
Pipe 5 Material	<null>	Pipe 5 Seal Condition	<null>
Pipe 5 Drop	<null>	Pipe 5 Comments	<null>
Pipe 6 Flow	<null>	Pipe 6 Diameter	<null>
Pipe 6 Direction	<null>	Pipe 6 Depth	<null>
Pipe 6 Material	<null>	Pipe 6 Seal Condition	<null>
Pipe 6 Drop	<null>	Pipe 6 Comments	<null>
Recommendation 1	Vactor Clean	Recommendation 2	Reset F&C w/Ext. Seal
Recommendation 3	Seal Wall Joints	Recommendation 4	Point Pipes
Recommendation 5	Raise	Recommendation 6	<null>



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Recommendation 7	<null>	Recommendation 8	<null>
Manhole Rating	4 – Failure likely in 5 to 10 years (Poor)	Comments	<null>



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ANDERSON, ECKSTEIN AND WESTRICK, INC.
51301 Schoenherr Road, Shelby Township, Michigan 48315
Civil Engineers • Surveyors • Architects 586-726-1234

Page: 7

Date: 8/3/17
Address: 48475 Grandot
R.T. = 8.25
D = 48
Map: 67

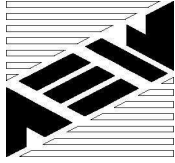
Manhole Number: M1-16-31
Community: Chesterfield
Inspector Initials: AC / ABC

FJ1640APT

18
30
48

NW
12" CONC
8.25
SE
12" CONC
8.10
F

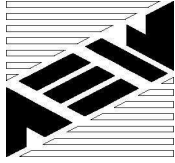
Photograph This Document!
Engineering Strong Communities
www.aewinc.com
Fax 586-726-8780



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