GRAPHIC SCALES
0 100 200
1 inch = 200 ft.

Point Repair #	Start MH	End MH	Start MH Depth (ft)	End MH Depth (ft)	Total Length of Pipe (ft)	Pipe Diameter (in)	Location from Start MH (ft)	Pipe Material	Problem Summary	Service Position	Pre-CIPP	Repair	Repair Detail	Patch Detail
4	514-14	SERV 2	8.1	-	41.8	6	5.0	VCP	Roots at 5 Joints	2		Replace to ROW	15	10
5	514-15	514-14	7.3	8.1	309.3	8	264.8	VCP	Service - Roots in Lateral	9	*	Pt. Repair (259.8 FT to 269.8 FT) - Install Tee and Lateral	2,3, & 7	
6	514-15	514-14	7.3	8.1	309.3	8	193.1	VCP	Service - No Visible Defects	9	*	Pt. Repair (188.1 FT to 198.1 FT) - Install Tee and Lateral	2,3, & 7	
7	514-15	514-14	7.3	8.1	309.3	8	82.2	VCP	Service - No Visible Defects	9	*	Pt. Repair (77.2 FT to 87.2 FT) - Install Tee and Lateral	2,3, & 7	10
8	514-09	SERV 11	4.7	-	24.0	3	6.0	VCP	Roots at 5 Joints	11		Replace to ROW	15	10
9	514-09	514-08	4.7	8.1	196.2	8	97.3	VCP	Service - Holding Water	3	*	Pt. Repair (92.3 FT to 102.3 FT) - Install Tee and Lateral	2,3, & 7	10
10	514-08	SERV 10	8.1	-	18.5	4	5.0	VCP	Roots at 2 Joints	10		Replace to ROW	15	10
11	514-13	514-12	4.5	13.0	354.0	8	132.4	VCP	Pipe Sag - 50%		*	Pt. Repair (127.4 FT to 147.7 FT)	5	
12	514-13	514-12	4.5	13.0	354.0	8	155.9	VCP	Service - No Visible Defects	2	*	Pt. Repair (160.9 FT to 170.9 FT) - Install Tee	3	
13	514-13	514-12	4.5	13.0	354.0	8	334.3	VCP	Service - No Visible Defects	2	*	Pt. Repair (334.3 FT to 344.3 FT) - Install Tee	3	
14	514-11	514-10	14.3	4.3	193.3	8	93.6	VCP	Service - Roots at Tee and Lateral	2	*	Pt. Repair (88.6 FT to 98.6 FT) - Install Tee and Lateral	2,3, & 7	
14.1	514-11	514-10	14.3	4.3	193.3	8	169.3	VCP	Roots in Drop		*	Install New Exterior Drop (164.3 FT to MH 2)	9	
15	514-10	514-06	7.0	4.7	292.5	8	99.4	VCP	Service - Roots at Tee and Offset Lateral	2		Pt. Repair (94.4 FT to 104.4 FT) - Install Tee	3	
16	514-10	514-06	7.0	4.7	292.5	8	244.4	VCP	Infiltration - Dripper			Pt. Repair (239.4 FT to 249.4 FT) - Install Tee	3	
17	514-01	514-02	5.9	4.3	371.9	8	230.8	VCP	Service- Offset at Connection	2		Pt. Repair (225.8 FT to 235.8 FT) - Install Tee	3	
19	514-03	514-02	7.0	6.3	301.0	8	122.7	VCP	Offset Joint - Medium		*	Pt. Repair (117.7 FT to 130.9 FT)	5	
19	514-03	514-02	7.0	6.3	301.0	8	122.7	VCP	Pipe Sag - 30%		*	Pt. Repair (117.7 FT to 130.9 FT)	5	
19	514-03	514-02	7.0	6.3	301.0	8	125.9	VCP	Offset Joint - Medium		*	Pt. Repair (117.7 FT to 130.9 FT)	5	

NOTE:
SERVICE LATERALS ARE SHOWN FOR INFORMATION PURPOSES ARE APPROXIMATELY BASED ON CCTV DATA AND MANHOLE INSPECTIONS. NOT ALL EXISTING SERVICES ARE SHOWN. ALL SERVICES TO BE REPAIRED ARE SHOWN.

LEGEND

- 699–100 — MSSD SANITARY SEWER MANHOLE
- MSSD SANITARY SEWER
- SERVICE LATERALS
- REWA SANITARY SEWER MANHOLE
- REWA SANITARY SEWER
- PROPERTY LINE
- EDGE-OF-PAVEMENT
- BUILDING FOOTPRINT
- STREAM/EDGE-OF-WATER
- NEW SERVICE LATERAL

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 20586 JASON LIAM DORN
01/29/2018

SOUTH CAROLINA GAVEL & DORN ENGINEERING, PLLC C03734 CERTIFICATE OF AUTHORIZATION

METROPOLITAN SEWER SUBDISTRICT
120 Augusta Arbor Way
Greenville, SC 29605
864-277-4441

PREPARED BY
Gavel & Dorn Engineering, PLLC
License No. C-3734
6750 Freedom Dr.
Charlotte, NC 28214

PROJECT: SOUTH GREENVILLE POINT REPAIR PROJECT

SHEET TITLE: POINT REPAIR 4 - 19

MARK	DATE	DESCRIPTION

Apprvd:
Date: 1-29-2017
Chkd: JLD
Drwn:
Scale: 1"=200'
Project Number: 16-4005
Sheet: C-4

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