










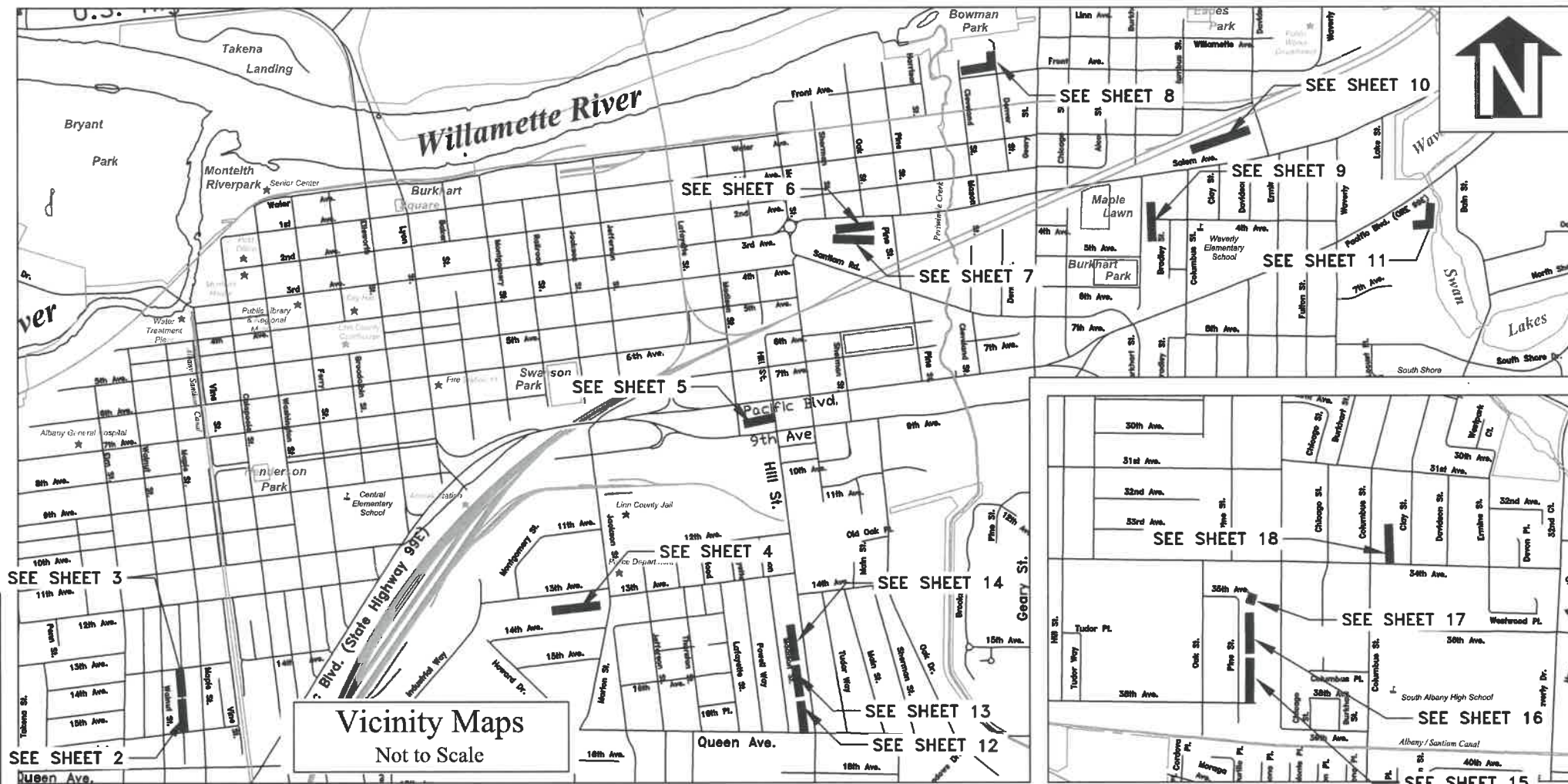
# CITY OF ALBANY

## SS-19-01-A, 2019 PIPE BURSTING PROJECTS

SHEET INDEX	
Sheet Number	Sheet Title
1	COVER
2	PIPE ID 7250
3	PIPE ID 7248
4	PIPE ID 6185
5	PIPE ID 5970
6	PIPE ID 5854
7	PIPE ID 5901
8	PIPE ID 5603
9	PIPE ID 5621
10	PIPE ID 5917 & 5717
11	PIPE ID 5677 & 5679
12	PIPE ID 6215
13	PIPE ID 6214
14	PIPE ID 6868
15	PIPE ID 6973
16	PIPE ID 4837
17	PIPE ID 4879
18	PIPE ID 4946

### LEGEND

	EXISTING SEWER MANHOLE, DEAD END OR MAINLINE CLEANOUT CONNECTED TO SEGMENT BEING REHABILITATED
	EXISTING SEWER MANHOLE, DEAD END OR MAINLINE CLEANOUT
	EXISTING SEWER LINE
	EXISTING PRIVATE CLEANOUT
	NEW PRIVATE CLEANOUT
	NEW PROPERTY LINE CLEANOUT
	PIPE BURST SEWER MAINLINE
	NEW PRIVATE SEWER LATERAL
	SEWER LATERAL CONNECTION TO BE ABANDONED




### GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS AND ASSOCIATED STANDARD DRAWINGS. THE CURRENT VERSION OF THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS CAN BE FOUND ON THE CITY'S WEBSITE AT [WWW.CITYOFALBANY.NET](http://WWW.CITYOFALBANY.NET).
2. UTILITIES SHOWN ARE FOR REFERENCE ONLY. FOR A FIELD LOCATE, CALL THE UTILITIES NOTIFICATIONS CENTER AT 1-800-332-2344.
3. OPERATING ACCESS FOR CITY MAINTENANCE PERSONNEL TO EXISTING AND NEW WATER VALVES AND MANHOLES SHALL BE CONTINUOUSLY MAINTAINED BY THE CONTRACTOR DURING ALL CONSTRUCTION ACTIVITIES.
4. CONTRACTOR SHALL VERIFY ALL EXISTING PIPE ELEVATIONS, PIPE DIAMETERS, AND PIPE MATERIALS AT CONNECTION AND ABANDONMENT LOCATIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER PRIOR TO BEGINNING WORK.
5. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987).
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION PREVENTION SEDIMENT CONTROL (EPSC) MEASURES IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE CITY OF ALBANY, AND VEGETATION/LANDSCAPING IS ESTABLISHED. FOR GUIDANCE, REFER TO THE CITY OF ALBANY EPSC MANUAL WHICH CAN BE FOUND AT [WWW.CITYOFALBANY.NET](http://WWW.CITYOFALBANY.NET).
7. CONTRACTOR SHALL VERIFY AND EXPOSE ALL PRIVATE LATERAL CONNECTIONS AT THE MAIN PRIOR TO CONSTRUCTION. ANY DISCREPANCIES REGARDING PIPE DIAMETER AND MATERIAL SHALL BE REPORTED TO THE ENGINEER PRIOR TO BEGINNING MAINLINE CONSTRUCTION.
8. PIPE AND MATERIALS INSTALLED ON PRIVATE PROPERTY SHALL BE IN ACCORDANCE WITH THE CURRENT OREGON PLUMBING SPECIALTY CODE.
9. CONTRACTOR SHALL OBTAIN PLUMBING PERMITS FROM THE CITY OF ALBANY BUILDING DEPARTMENT WHEN WORK EXTENDS ONTO PRIVATE PROPERTY FROM THE SEWER MAIN.
10. ALL PRIVATE SERVICE LATERALS SHOWN TO BE REPLACED SHALL BE PIPE BURST UNLESS OTHERWISE NOTED ON THE PLANS OR AS SPECIFIED BY THE ENGINEER.
11. ALL SEWER MAINS SHALL BE REHABILITATED USING PIPE BURSTING. SEE SPECIAL PROVISIONS.

SCALE VARIES ON  
INDIVIDUAL SHEETS

DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO: _____
CHECKED: C. CERKLEWSKI	BY: _____
DATE: 4/25/2019	DATE: _____

**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING SERVICES**

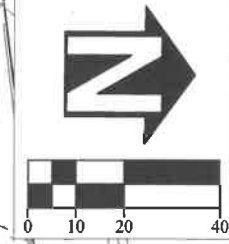
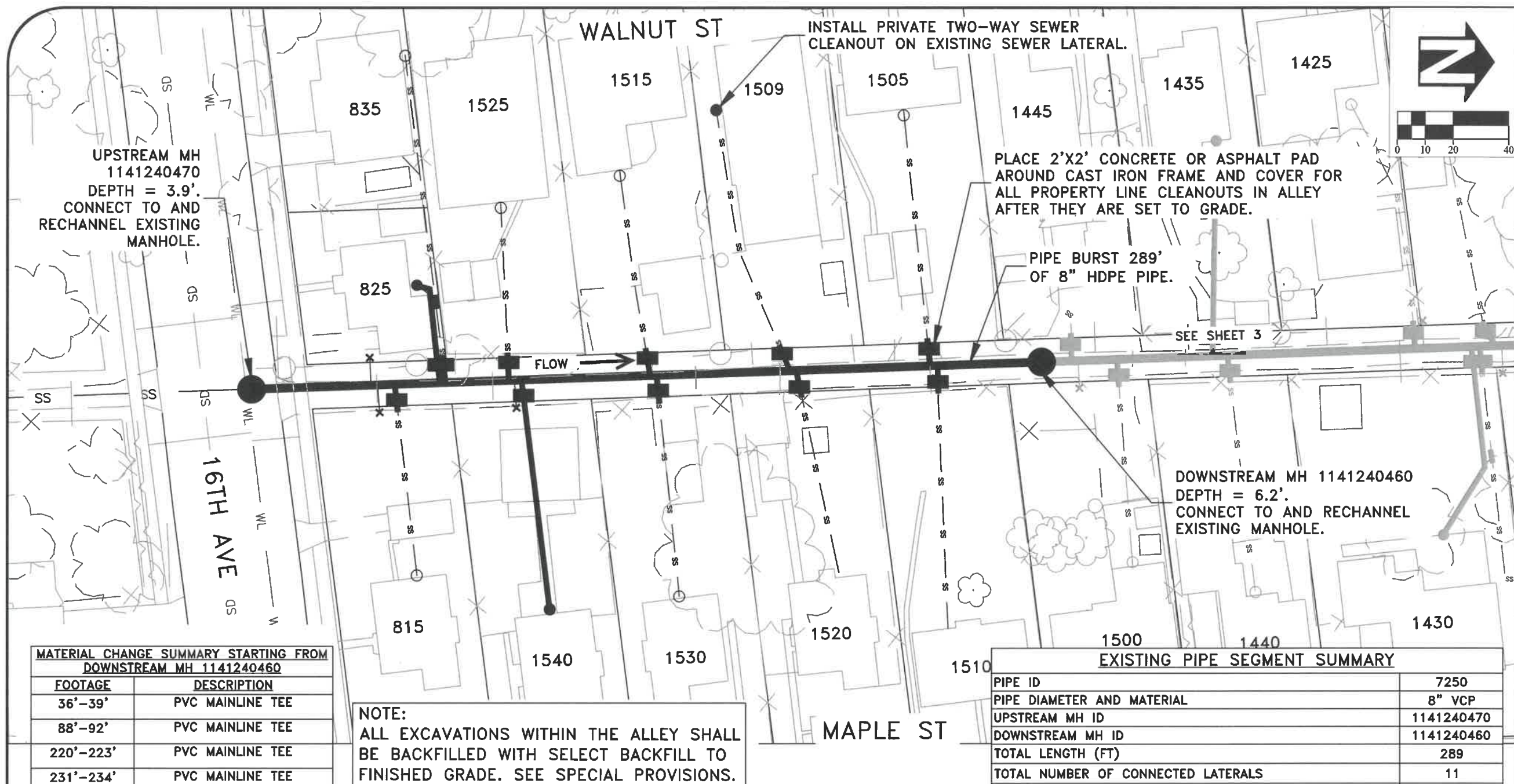


**SS-19-01-A, 2019 PIPE BURSTING PROJECTS**

REGISTERED PROFESSIONAL  
ENGINEER  
85930PE  
*Lori L. Schumacher*  
OREGON  
MARCH 13, 2018  
LORI L. SCHUMACHER

EXPIRES: 06/30/2020

SHEET NO. 1 OF 18
PROJECT NO: SS-19-01-A
FILE: FILENAME.DWG

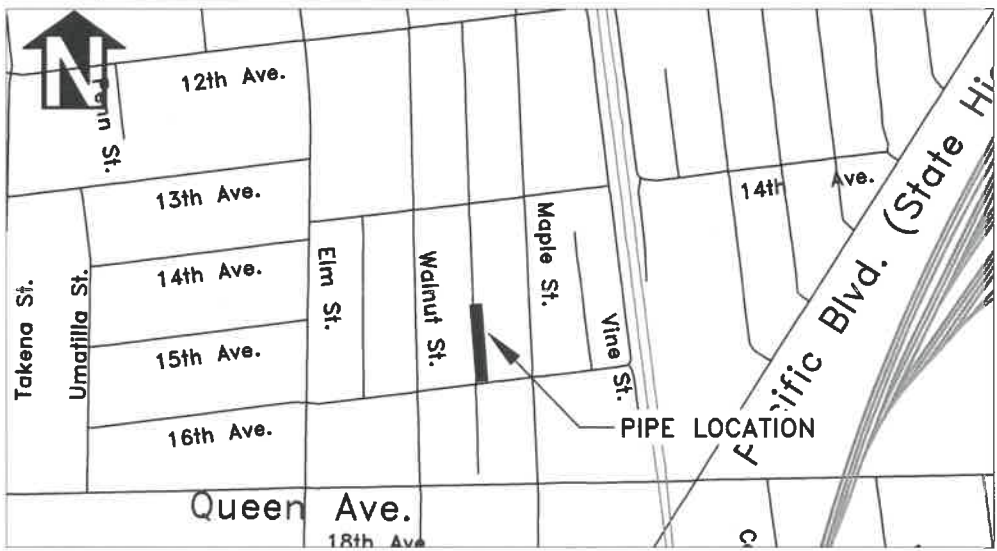


MATERIAL CHANGE SUMMARY STARTING FROM DOWNSTREAM MH 1141240460	
FOOTAGE	DESCRIPTION
36'-39'	PVC MAINLINE TEE
88'-92'	PVC MAINLINE TEE
220'-223'	PVC MAINLINE TEE
231'-234'	PVC MAINLINE TEE

**NOTE:**  
ALL EXCAVATIONS WITHIN THE ALLEY SHALL BE BACKFILLED WITH SELECT BACKFILL TO FINISHED GRADE. SEE SPECIAL PROVISIONS.

EXISTING PIPE SEGMENT SUMMARY	
PIPE ID	7250
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	1141240470
DOWNSTREAM MH ID	1141240460
TOTAL LENGTH (FT)	289
TOTAL NUMBER OF CONNECTED LATERALS	11
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	1
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	1

LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1141240460			
FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
37.8'L	RECONNECT	1510 MAPLE ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
40.4'R	RECONNECT	1505 WALNUT ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
88.4'L	RECONNECT	1520 MAPLE ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
90.7'R	RECONNECT	1509 WALNUT ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
139.0'L	RECONNECT	1530 MAPLE ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
141.3'R	RECONNECT	1515 WALNUT ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
187.5'L	RECONNECT	1540 MAPLE ST SW	PIPE BURST LATERAL. VERIFY LATERAL ALIGNMENT PRIOR TO BURSTING ACTIVITIES.
190.1'L	ABANDON	-	-
192.1'R	RECONNECT	1525 WALNUT ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
222.9'R	RECONNECT	825 & 835 16TH AVE SW	RECONNECT LATERAL TO MAIN AS SPECIFIED. INSTALL NEW LATERAL FOR 825 16TH AVE SW. ABANDON 825 16TH AVE CONNECTION ON EXISTING 835 16TH AVE LATERAL.
233.3'L	RECONNECT	815 16TH AVE SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
239.5'L	ABANDON	-	-
241.9'R	ABANDON	-	-



VICINITY MAP

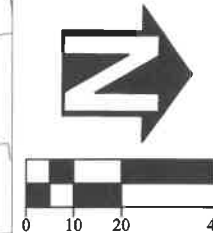
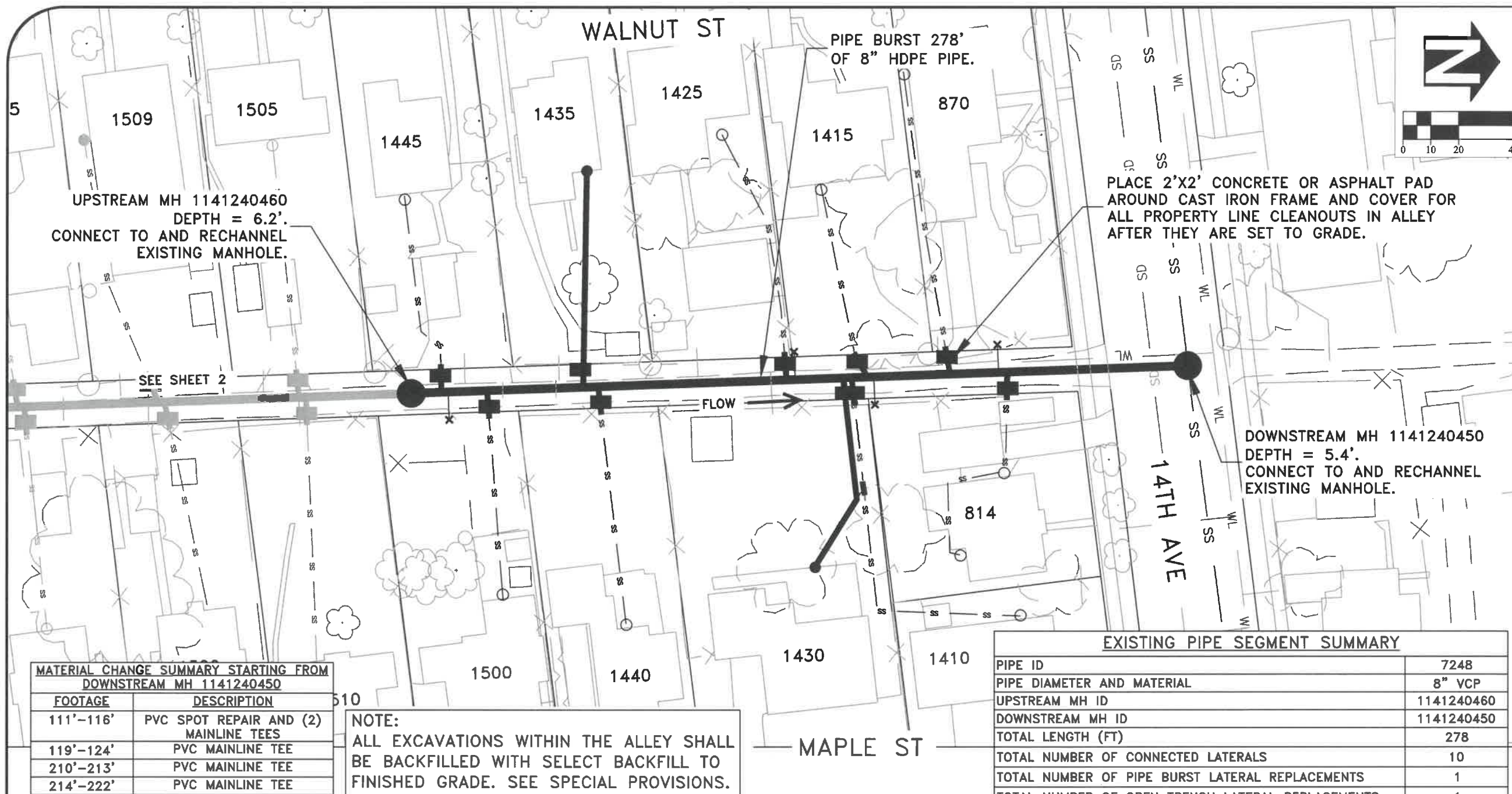
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DATE: 4/25/2019	DATE: -

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 7250**



SHEET NO.	2 OF 18
PROJECT NO:	SS-19-01-A
FILE:	BASE.DWG

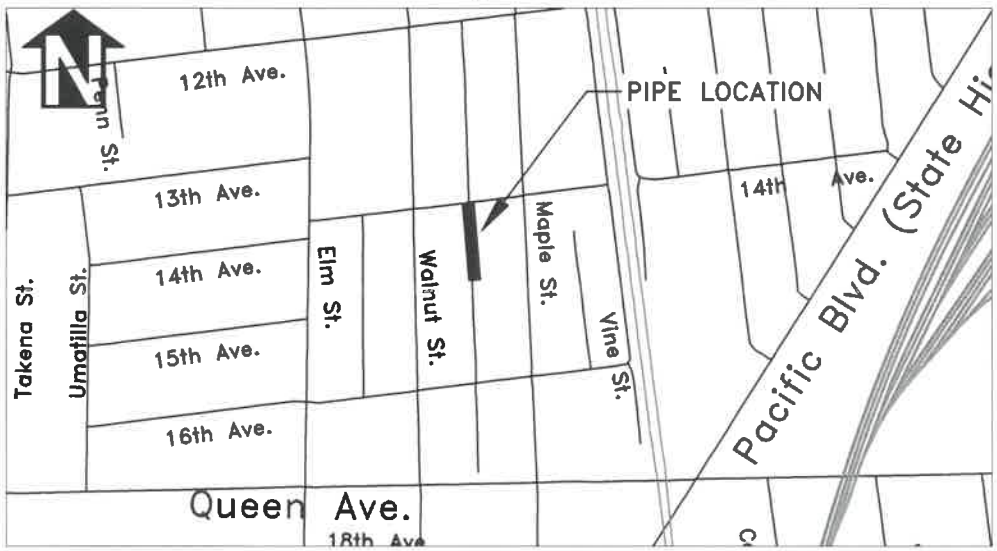


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DATE: 4/25/2019	DATE: -

FOOTAGE	DESCRIPTION
111'-116'	PVC SPOT REPAIR AND (2) MAINLINE TEES
119'-124'	PVC MAINLINE TEE
210'-213'	PVC MAINLINE TEE
214'-222'	PVC MAINLINE TEE

NOTE:  
ALL EXCAVATIONS WITHIN THE ALLEY SHALL BE BACKFILLED WITH SELECT BACKFILL TO FINISHED GRADE. SEE SPECIAL PROVISIONS.

PIPE ID	7248
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	1141240460
DOWNSTREAM MH ID	1141240450
TOTAL LENGTH (FT)	278
TOTAL NUMBER OF CONNECTED LATERALS	10
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	1
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	1

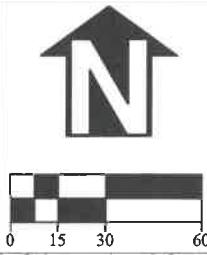
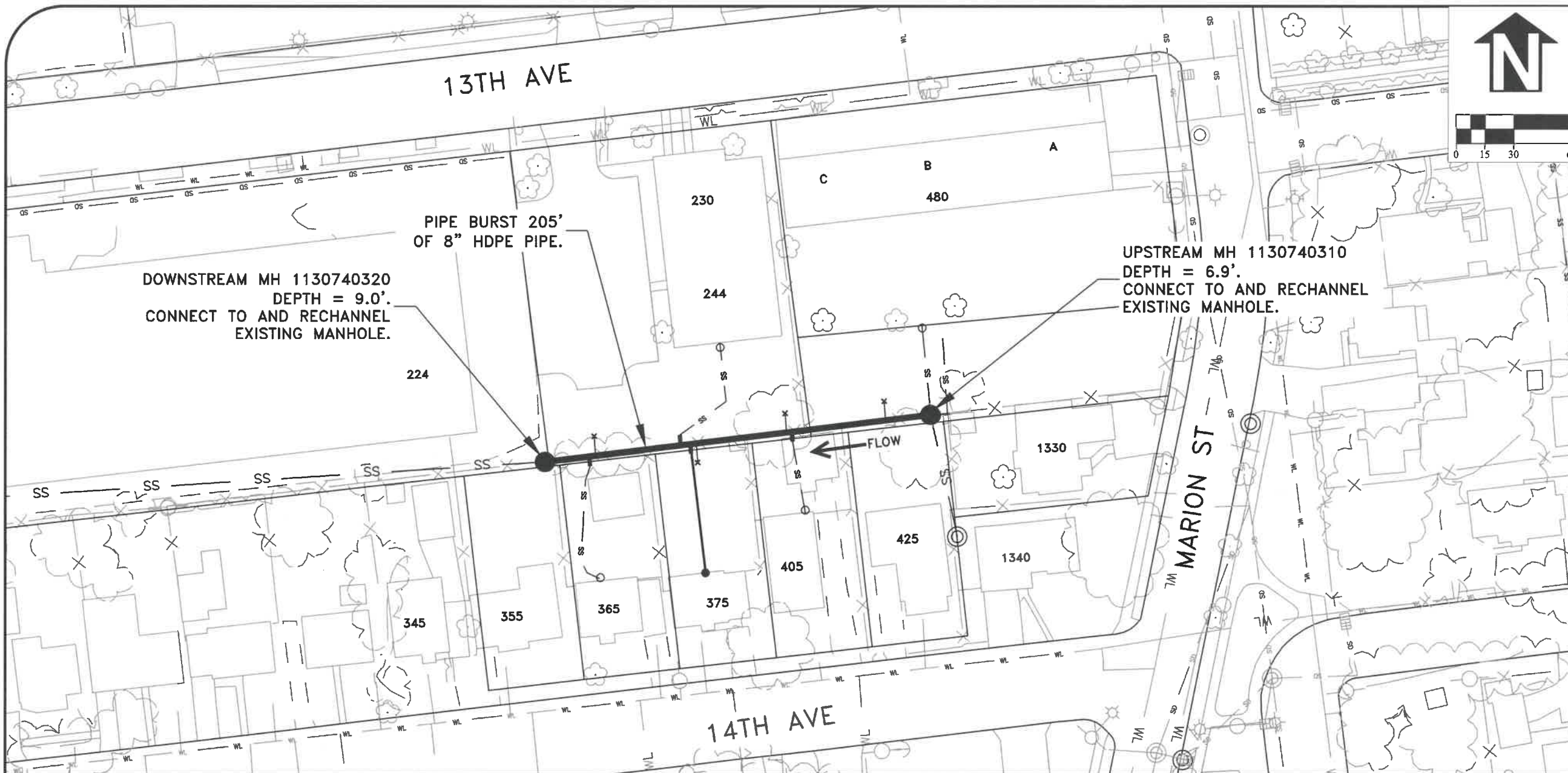


FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
64.7'L	RECONNECT	814 14TH AVE SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
67.8'R	ABANDON	-	-
85.3'R	RECONNECT	870 14TH AVE SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
112.8'L	ABANDON	-	-
115.1'R	RECONNECT	1415 WALNUT ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
120.8'L	RECONNECT	1430 & 1410 MAPLE ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED. INSTALL OPEN TRENCH LATERAL FOR 1430 MAPLE ST SW. ABANDON 1430 MAPLE ST CONNECTION ON EXISTING 1410 MAPLE ST LATERAL.
164.0'L	ABANDON	-	-
167.1'R	RECONNECT	1425 WALNUT ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
211.7'L	RECONNECT	1440 MAPLE ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED
217.1'R	RECONNECT	1435 WALNUT ST SW	PIPE BURST LATERAL. VERIFY LATERAL ALIGNMENT PRIOR TO BURSTING ACTIVITIES.
251.5'L	RECONNECT	1500 MAPLE ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED. VERIFY LATERAL ALIGNMENT PRIOR TO CONSTRUCTION.
265.4'L	ABANDON	-	-
267.8'R	RECONNECT	1445 WALNUT ST SW	RECONNECT LATERAL TO MAIN AS SPECIFIED

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ENGINEERING SERVICES



SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 7248



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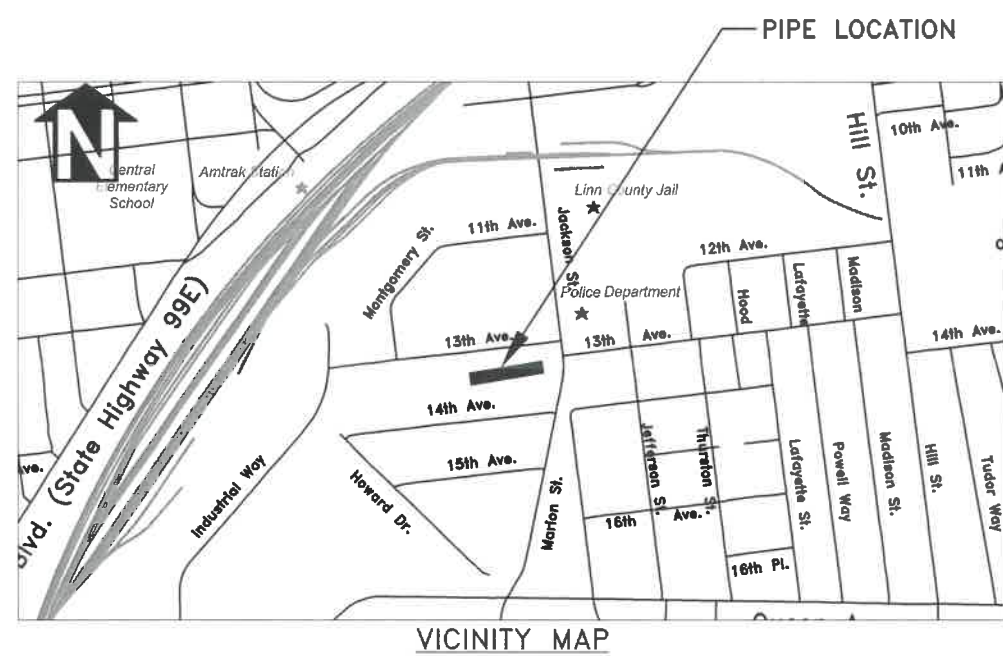
DOWNSTREAM MH 1130740320  
DEPTH = 9.0'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE.

PIPE BURST 205'  
OF 8" HDPE PIPE.

UPSTREAM MH 1130740310  
DEPTH = 6.9'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE.

PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 6185



**MATERIAL CHANGE SUMMARY STARTING FROM DOWNSTREAM MH 1130740320**

FOOTAGE	DESCRIPTION
37'-50'	PVC SPOT REPAIR

**EXISTING PIPE SEGMENT SUMMARY**

PIPE ID	6185
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	1130740310
DOWNSTREAM MH ID	1130740320
TOTAL LENGTH (FT)	205
TOTAL NUMBER OF CONNECTED LATERALS	4
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	1

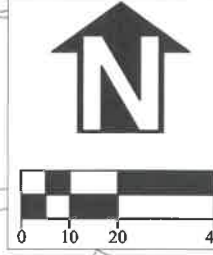
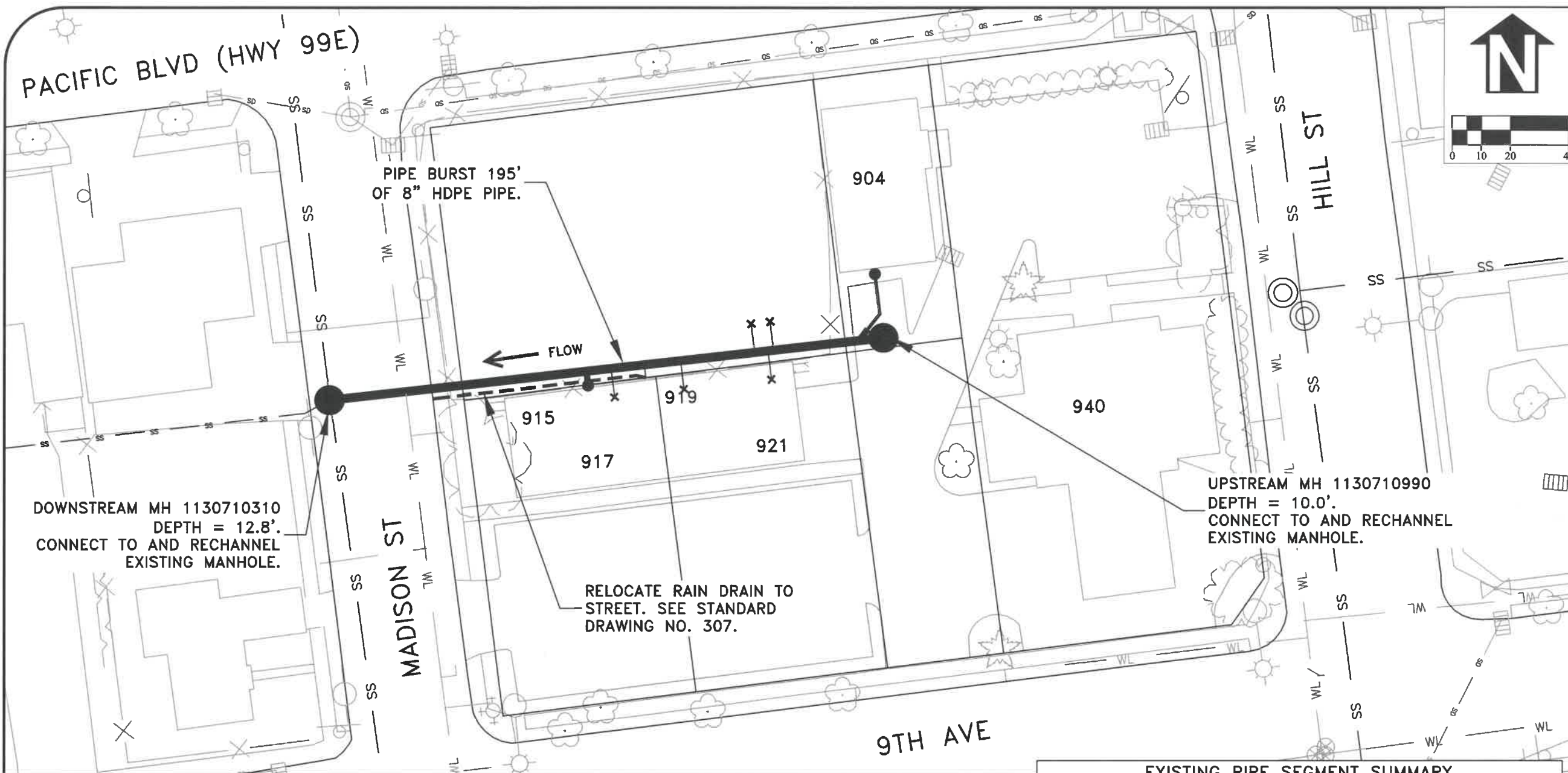
**LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1130740320**

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
22.8'R	RECONNECT	365 14TH AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
26.1'L	ABANDON	-	-
70.5'L	RECONNECT	244 13TH AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
75.5'R	RECONNECT	375 14TH AVE SE	PIPE BURST LATERAL
79.0'R	ABANDON	-	-
125.4'L	ABANDON	-	-
128.3'R	RECONNECT	405 14TH AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
177.6'L	ABANDON	-	-



SHEET NO. 4 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG

PACIFIC BLVD (HWY 99E)



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DOWNSTREAM MH 1130710310  
DEPTH = 12.8'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE.

MADISON ST

RELOCATE RAIN DRAIN TO  
STREET. SEE STANDARD  
DRAWING NO. 307.

UPSTREAM MH 1130710990  
DEPTH = 10.0'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE.

9TH AVE

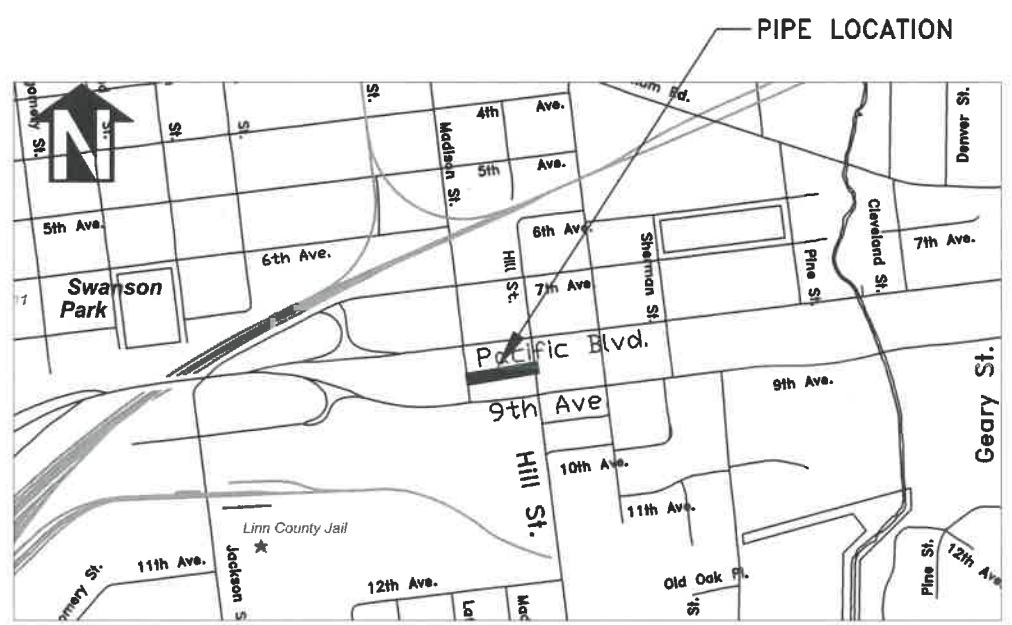
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 5970



EXISTING PIPE SEGMENT SUMMARY

PIPE ID	5970
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	1130710990
DOWNSTREAM MH ID	1130710310
TOTAL LENGTH (FT)	195
TOTAL NUMBER OF CONNECTED LATERALS	2
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	1
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	1



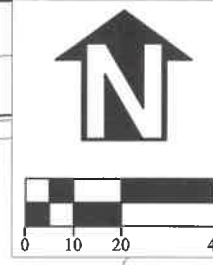
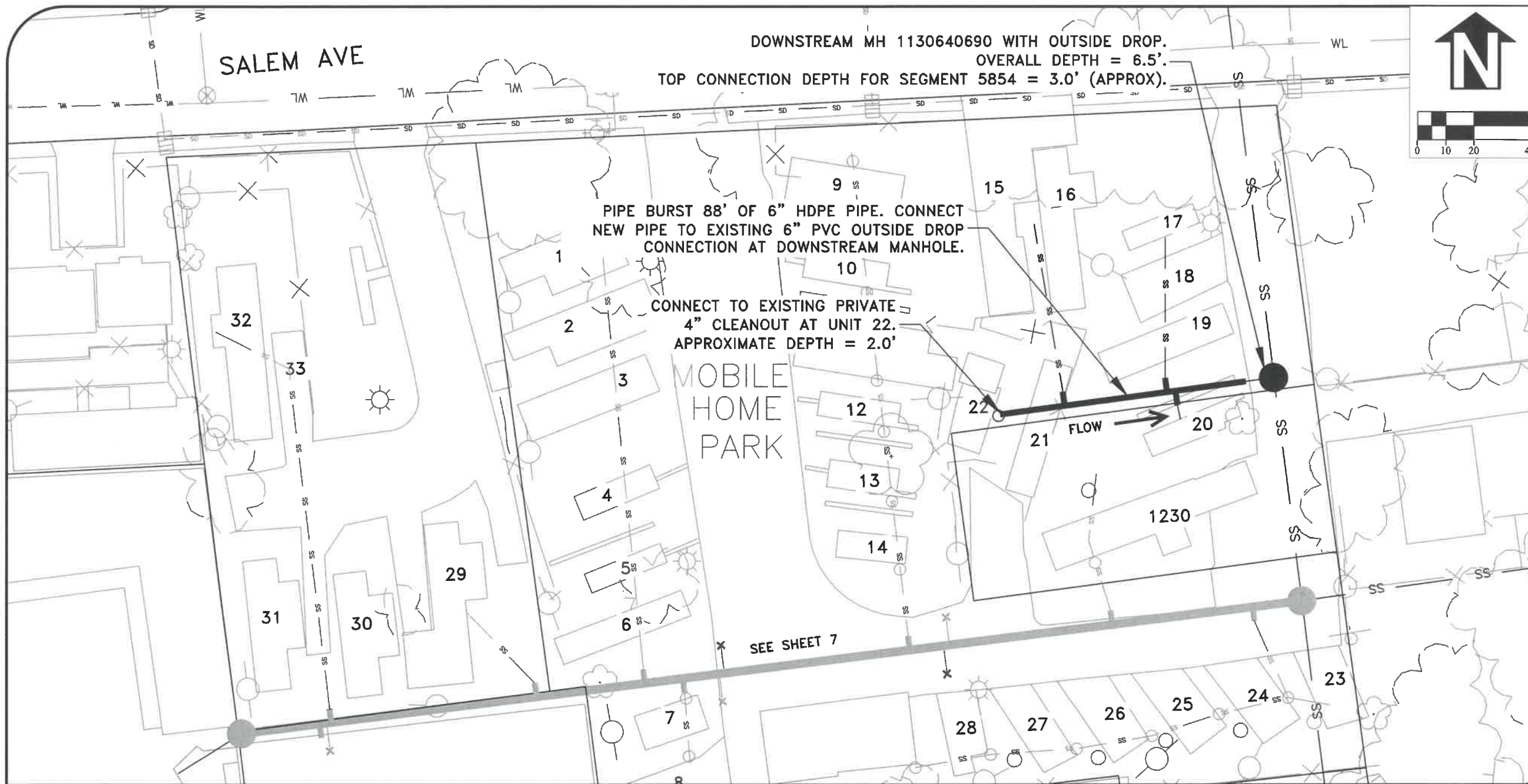
VICINITY MAP

LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1130710310

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
91.2'R	RECONNECT	921/917 9TH AVE SE	OPEN TRENCH LATERAL IN PLACE
99.6'L	ABANDON	-	-
110.4'R	DISCONNECT	921/917 9TH AVE SE	DISCONNECT RAIN DRAIN FROM SEWER AND RELOCATE TO STREET AS SHOWN.
123.0'T	ABANDON	-	-
148.7'L	ABANDON	-	-
153.8'R	ABANDON	-	-
155.9'L	ABANDON	-	-
193.3'L	RECONNECT	904 PACIFIC BLVD SE	PIPE BURST LATERAL AND RELOCATE DOWNSTREAM SECTION TO CONNECT TO NEW MAIN AS SHOWN.



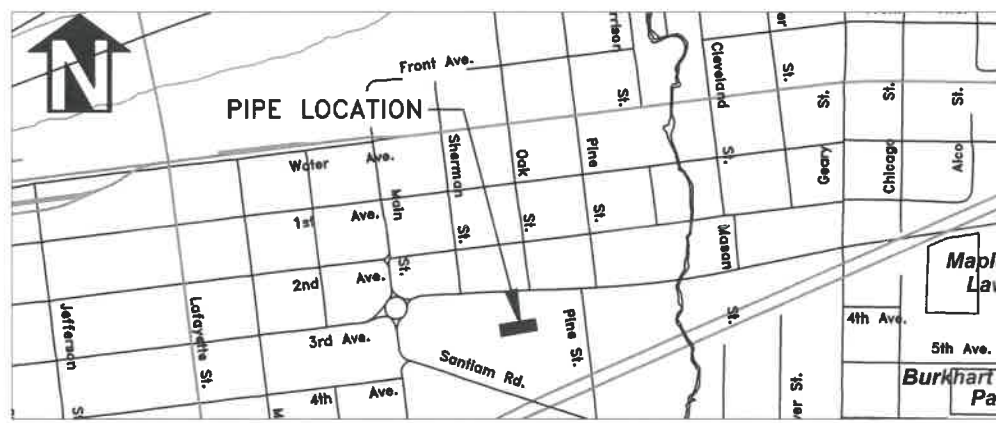
SHEET NO. 5 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG



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CHECKED: C. CERKLEWSKI			
DATE: 4/25/2019			

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 5854**



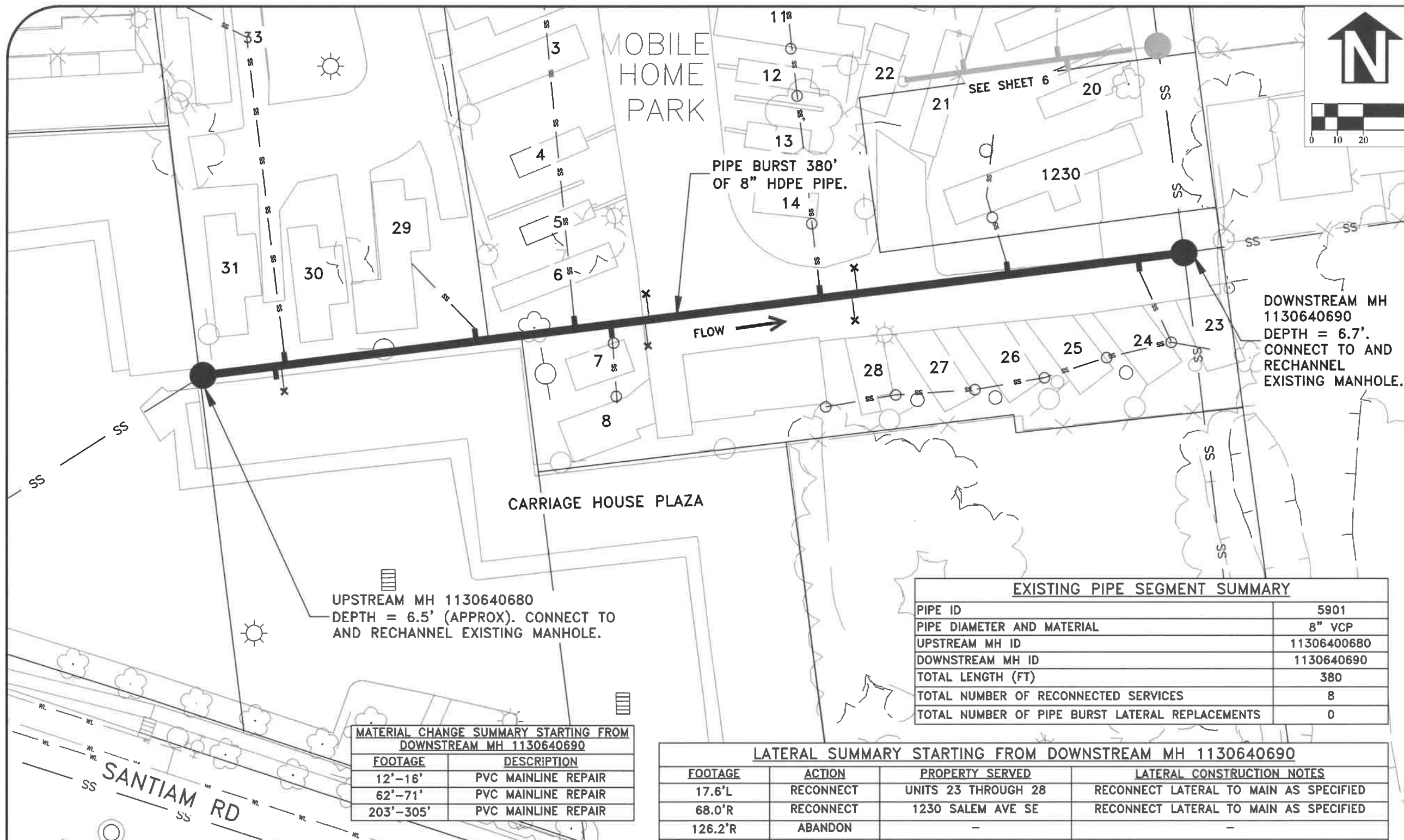
VICINITY MAP

PIPE SIZE CHANGE SUMMARY STARTING FROM UPSTREAM PRIVATE CLEANOUT	
FOOTAGE	DESCRIPTION
0'-60'	4" CONCRETE
60'-88'	6" CONCRETE
88'-98'	6" PVC MAIN AND OUTSIDE DROP

EXISTING PIPE SEGMENT SUMMARY	
PIPE ID	5854
PIPE DIAMETER AND MATERIAL	4" AND 6" CONC.
UPSTREAM PRIVATE CLEANOUT	-
DOWNSTREAM MH ID	1130640690
TOTAL LENGTH (FT)	98
TOTAL NUMBER OF RECONNECTED SERVICES	3

LATERAL SUMMARY STARTING FROM UPSTREAM PRIVATE CLEANOUT			
FOOTAGE	ACTION	PROPERTY SERVED	LATERAL CONSTRUCTION NOTES
22'L	RECONNECT	UNITS 15, 16, 21	RECONNECT LATERAL TO MAIN AS SPECIFIED
59'L	RECONNECT	UNITS 17, 18, 19	RECONNECT LATERAL TO MAIN AS SPECIFIED
62'R	RECONNECT	UNIT 20	RECONNECT LATERAL TO MAIN AS SPECIFIED





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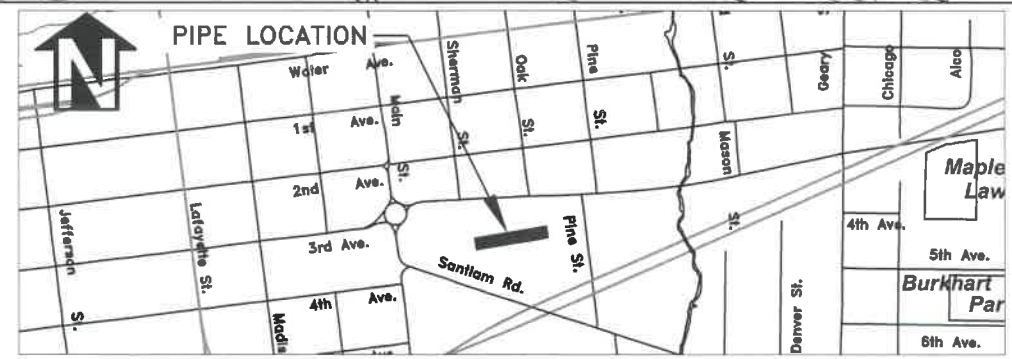
UPSTREAM MH 1130640680  
DEPTH = 6.5' (APPROX). CONNECT TO  
AND RECHANNEL EXISTING MANHOLE.

DOWNSTREAM MH 1130640690  
DEPTH = 6.7'.  
CONNECT TO AND  
RECHANNEL  
EXISTING MANHOLE.

EXISTING PIPE SEGMENT SUMMARY	
PIPE ID	5901
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	11306400680
DOWNSTREAM MH ID	1130640690
TOTAL LENGTH (FT)	380
TOTAL NUMBER OF RECONNECTED SERVICES	8
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	0

MATERIAL CHANGE SUMMARY STARTING FROM DOWNSTREAM MH 1130640690	
FOOTAGE	DESCRIPTION
12'-16'	PVC MAINLINE REPAIR
62'-71'	PVC MAINLINE REPAIR
203'-305'	PVC MAINLINE REPAIR

LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1130640690			
FOOTAGE	ACTION	PROPERTY SERVED	LATERAL CONSTRUCTION NOTES
17.6'L	RECONNECT	UNITS 23 THROUGH 28	RECONNECT LATERAL TO MAIN AS SPECIFIED
68.0'R	RECONNECT	1230 SALEM AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
126.2'R	ABANDON	-	-
128.4'L	ABANDON	-	-
140.4'R	RECONNECT	UNITS 9 THROUGH 14	RECONNECT LATERAL TO MAIN AS SPECIFIED
206.7'R	ABANDON	-	-
208.4'T	ABANDON	-	-
221.5'L	RECONNECT	UNITS 7 AND 8	RECONNECT LATERAL TO MAIN AS SPECIFIED
235.2'R	RECONNECT	UNITS 1 THROUGH 6	RECONNECT LATERAL TO MAIN AS SPECIFIED
257.4'T	RECONNECT	UNIT 29	RECONNECT LATERAL TO MAIN AS SPECIFIED
330.9'R	RECONNECT	UNITS 30 THROUGH 32	RECONNECT LATERAL TO MAIN AS SPECIFIED
332.6'L	ABANDON	-	-
335.0'T	RECONNECT	CARRIAGE HOUSE PLAZA	WORK WITH ENGINEER TO DETERMINE IF LATERAL IS ACTIVE. RECONNECT LATERAL TO MAIN AS SPECIFIED OR ABANDON LATERAL AS DIRECTED BY THE ENGINEER.



VICINITY MAP

PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES



SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 5901



EXPIRES: 06/30/2020  
SHEET NO. 7 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG

OPEN TRENCH NEW 4" SEWER LATERAL. VERIFY PROPOSED ALIGNMENT IS CONSTRUCTABLE AT 2% MIN SLOPE PRIOR TO CONSTRUCTION ACTIVITIES. POT HOLE WATER LINE PRIOR TO CONSTRUCTION. ENSURE A MINIMUM 1.5' SEPARATION BETWEEN NEW SEWER LINE AND EXISTING WATER SERVICES. (2) TYPICAL THIS SHEET.

INSTALL MAINLINE CLEANOUT 5' NORTH OF NEW LATERAL CONNECTION TO 330 DENVER ST NE. SEE STANDARD DRAWING NO 416. VERIFY DEPTHS PRIOR TO ORDERING MATERIALS.  
RIM = 212.00 (APPROX)  
IE 6" PVC (S) = 205.66 (APPROX)

PIPE BURST 358' OF 8" HDPE PIPE.

UPSTREAM MH 1130530540 DEPTH = 5.8'. CONNECT TO AND RECHANNEL EXISTING MANHOLE.

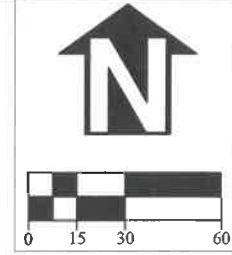
PLUG EXISTING 8" SEWER STUB WITH CONCRETE.

INSTALL PRIVATE TWO-WAY SEWER CLEANOUT ON EXISTING SEWER LATERAL.

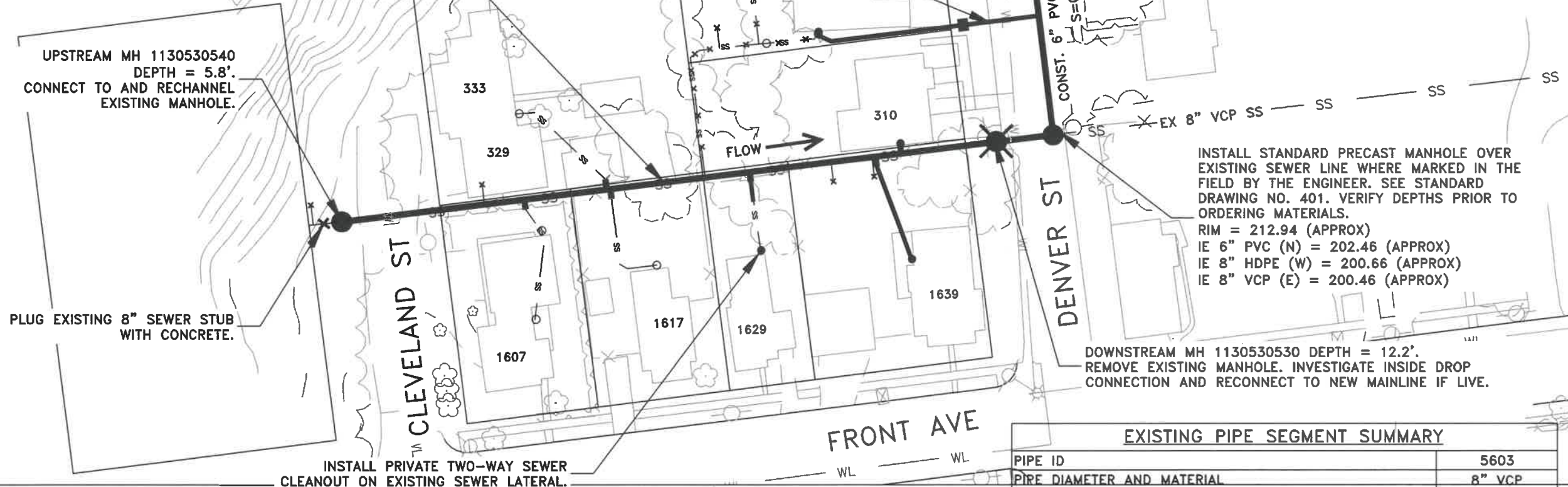
INSTALL FUTURE SEWER LATERAL CONNECTION FOR 405 DENVER ST NE. SEE STANDARD DRAWING NO. 411.

INSTALL STANDARD PRECAST MANHOLE OVER EXISTING SEWER LINE WHERE MARKED IN THE FIELD BY THE ENGINEER. SEE STANDARD DRAWING NO. 401. VERIFY DEPTHS PRIOR TO ORDERING MATERIALS.  
RIM = 212.94 (APPROX)  
IE 6" PVC (N) = 202.46 (APPROX)  
IE 8" HDPE (W) = 200.66 (APPROX)  
IE 8" VCP (E) = 200.46 (APPROX)

DOWNSTREAM MH 1130530530 DEPTH = 12.2'. REMOVE EXISTING MANHOLE. INVESTIGATE INSIDE DROP CONNECTION AND RECONNECT TO NEW MAINLINE IF LIVE.



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DRAWN: L. SCHUMACHER			
CHECKED: C. CERKLEWSKI			
DATE: 4/25/2019			

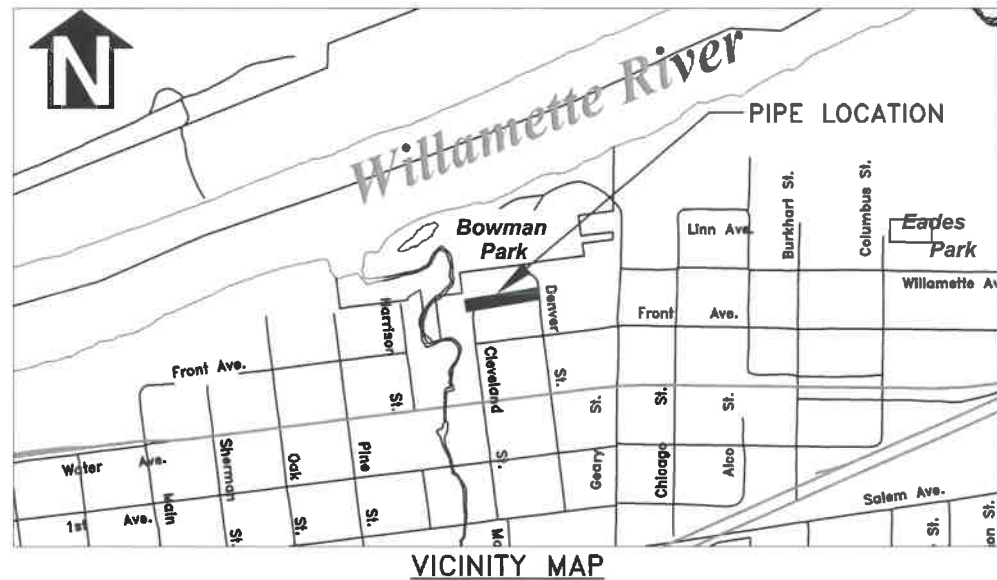


EXISTING PIPE SEGMENT SUMMARY

PIPE ID	5603
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	1130530540
DOWNSTREAM MH ID	1130530530
TOTAL LENGTH (FT)	358
TOTAL NUMBER OF CONNECTED LATERALS	9
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	1
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	3

LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1130530530

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
48.0'R	RECONNECT	310 DENVER ST NE	OPEN TRENCH LATERAL IN PLACE
60.7'L	RECONNECT	1639 FRONT AVE NE	PIPE BURST LATERAL. VERIFY LOCATION OF LATERAL PRIOR TO BURSTING.
62.6'R	ABANDON	-	-
83.1'R	ABANDON	-	-
124.3'L	RECONNECT	1629 FRONT AVE NE	REPLACE CLAY SECTION AS SHOWN AND CONNECT TO EXISTING 4" CAST IRON PIPE.
146.8'R	RECONNECT	320 & 330 DENVER ST NE	RELOCATE LATERALS AS SHOWN AND CONNECT THEM TO NEW 6" PVC SEWER MAIN.
194.2'L	RECONNECT	1617 FRONT AVE NE	RECONNECT LATERAL TO MAIN AS SPECIFIED
196.0'R	RECONNECT	329 CLEVELAND ST NE	RECONNECT LATERAL TO MAIN AS SPECIFIED
237.3'L	RECONNECT	1607 FRONT AVE NE	RECONNECT LATERAL TO MAIN AS SPECIFIED
257.7'R	ABANDON	-	-

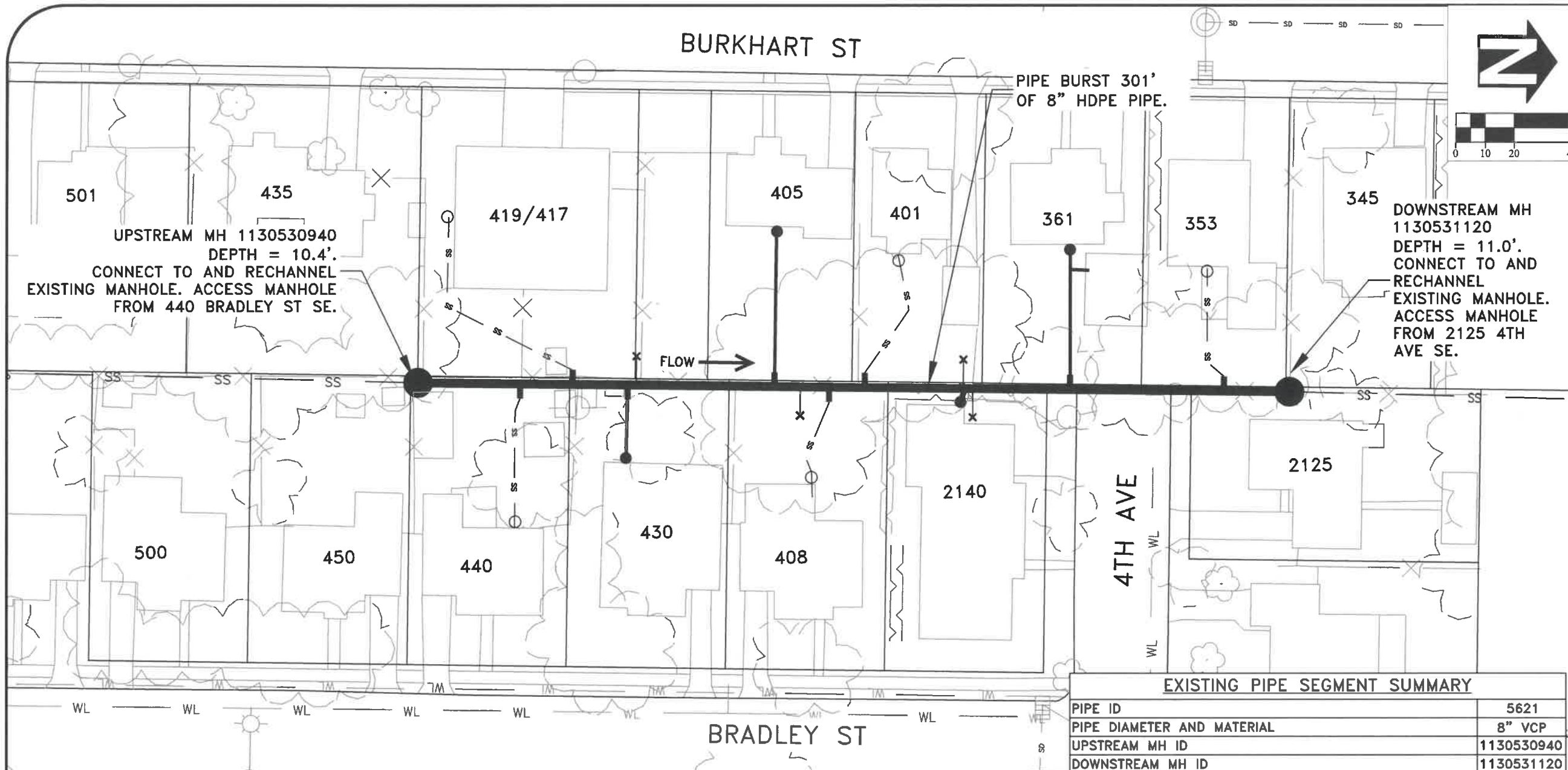


EXPIRES: 06/30/2020  
SHEET NO. 8 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG

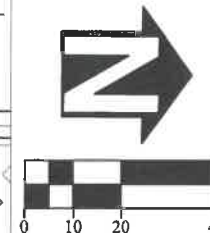
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES

SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 5603



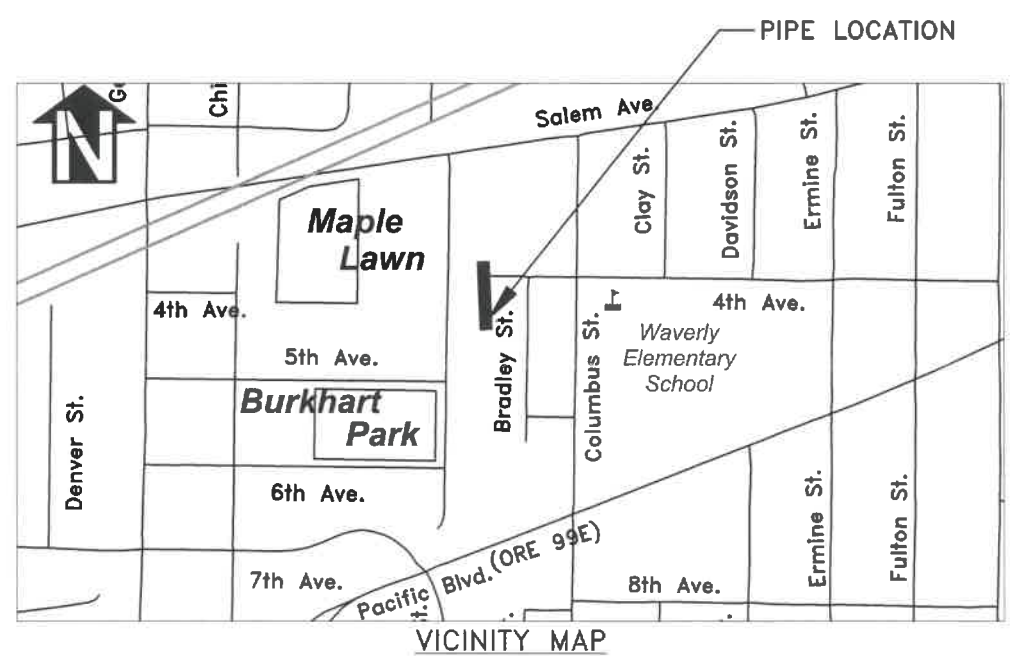


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CHECKED: C. CERKLEWSKI			
DATE: 4/25/2019			




EXISTING PIPE SEGMENT SUMMARY	
PIPE ID	5621
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	1130530940
DOWNSTREAM MH ID	1130531120
TOTAL LENGTH (FT)	301
TOTAL NUMBER OF CONNECTED LATERALS	9
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	3
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	1


LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1130531120			
FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
22.7'R	RECONNECT	353 BURKHART ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
75.7'R	RECONNECT	361 BURKHART ST SE	PIPE BURST LATERAL
109.4'L	ABANDON	-	-
112.0'T	RECONNECT	2140 4TH AVE SE	OPEN TRENCH LATERAL IN PLACE
112.7'R	ABANDON	-	-
146.7'R	RECONNECT	401 BURKHART ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
159.0'L	RECONNECT	408 BRADLEY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
168.8'L	ABANDON	-	-
177.8'R	RECONNECT	405 BURKHART ST SE	PIPE BURST LATERAL. VERIFY LOCATION OF LATERAL PRIOR TO BURSTING.
225.7'R	ABANDON	-	-
228.7'L	RECONNECT	430 BRADLEY ST SE	PIPE BURST LATERAL
247.6'R	RECONNECT	419 BURKHART ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
265.6'L	RECONNECT	440 BRADLEY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED



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**SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 5621**



EXPIRES: 06/30/2020

SHEET NO. 9 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG

MH 1130540510  
DEPTH = 9.1'.  
PIPE BURST THROUGH EXISTING MANHOLE.  
ABANDON MANHOLE BY REMOVING CONE  
SECTION AND FILLING BARREL SECTION WITH  
1-INCH MINUS SELECT BACKFILL TO WITHIN  
18" OF FINISHED GRADE. BACKFILL REMAINING  
EXCAVATION WITH TOPSOIL.

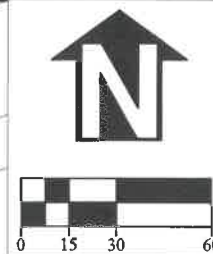
PIPE BURST 473' OF  
8" HDPE PIPE.

DOWNSTREAM MH 1130530840  
DEPTH = 12.0'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE.

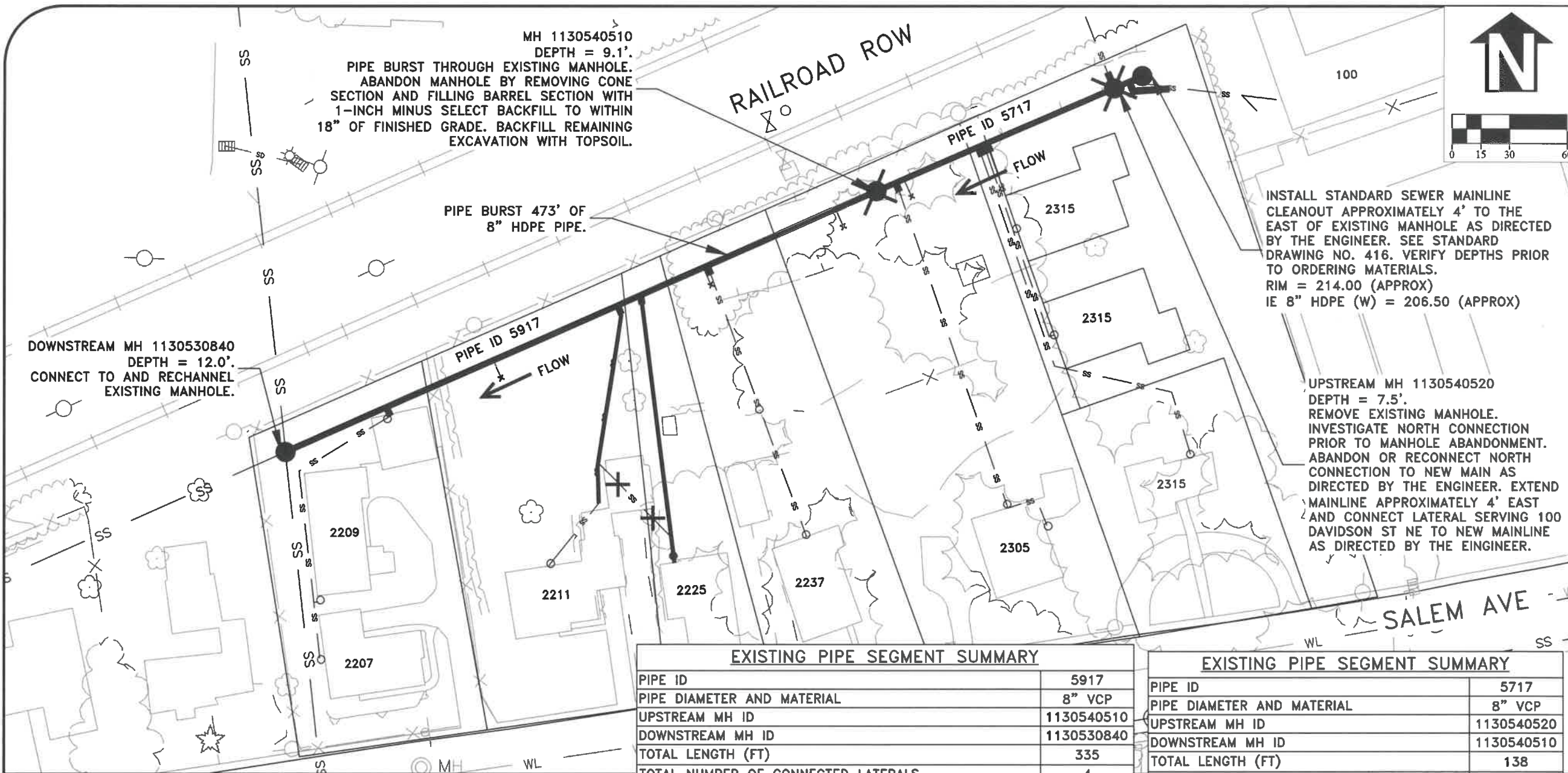
INSTALL STANDARD SEWER MAINLINE  
CLEANOUT APPROXIMATELY 4' TO THE  
EAST OF EXISTING MANHOLE AS DIRECTED  
BY THE ENGINEER. SEE STANDARD  
DRAWING NO. 416. VERIFY DEPTHS PRIOR  
TO ORDERING MATERIALS.  
RIM = 214.00 (APPROX)  
IE 8" HDPE (W) = 206.50 (APPROX)

UPSTREAM MH 1130540520  
DEPTH = 7.5'.  
REMOVE EXISTING MANHOLE.  
INVESTIGATE NORTH CONNECTION  
PRIOR TO MANHOLE ABANDONMENT.  
ABANDON OR RECONNECT NORTH  
CONNECTION TO NEW MAIN AS  
DIRECTED BY THE ENGINEER. EXTEND  
MAINLINE APPROXIMATELY 4' EAST  
AND CONNECT LATERAL SERVING 100  
DAVIDSON ST NE TO NEW MAINLINE  
AS DIRECTED BY THE ENGINEER.

RAILROAD ROW



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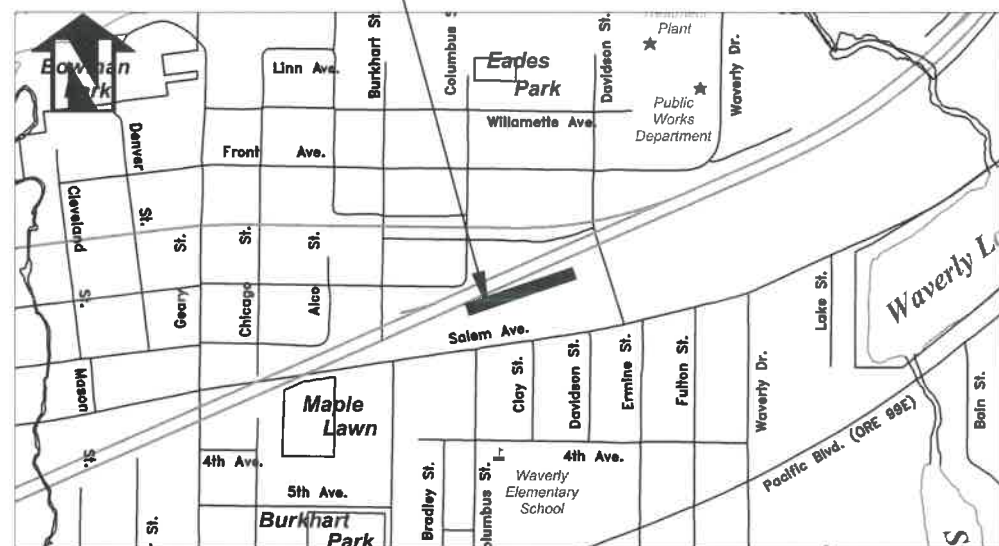
EXISTING PIPE SEGMENT SUMMARY

PIPE ID	5917
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	1130540510
DOWNSTREAM MH ID	1130530840
TOTAL LENGTH (FT)	335
TOTAL NUMBER OF CONNECTED LATERALS	4
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	1
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	1

EXISTING PIPE SEGMENT SUMMARY

PIPE ID	5717
PIPE DIAMETER AND MATERIAL	8" VCP
UPSTREAM MH ID	1130540520
DOWNSTREAM MH ID	1130540510
TOTAL LENGTH (FT)	138
TOTAL NUMBER OF CONNECTED LATERALS	6
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	0

PIPE LOCATION



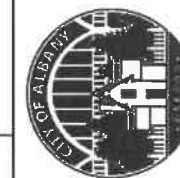
VICINITY MAP

5917 LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1130530840

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
57.5'R	RECONNECT	2209 AND 2207 SALEM AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
11.7'R	ABANDON	-	-
188.1'R	RECONNECT	2211 AND 2225 SALEM AVE SE	PIPE BURST 2211 SALEM AVE LATERAL AS SHOWN. OPEN TRENCH NEW LATERAL FOR 2225 SALEM AVE AS SHOWN. VERIFY WHERE SEWER LATERAL EXITS HOUSE AT 2225 SALEM AVE PRIOR TO CONSTRUCTION.
237.0'R	ABANDON	-	-
237.1'R	RECONNECT	2237 SALEM AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
311.6'R	ABANDON	-	-

5717 LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1130540510

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
10.8'R	RECONNECT	2305 SALEM AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
15.5'R	ABANDON	-	-
57.4'R	RECONNECT	2315 SALEM AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
60.7'R	RECONNECT	2317 SALEM AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
62.4'R	RECONNECT	2319 SALEM AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED



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PIPE ID 5917 & 5717

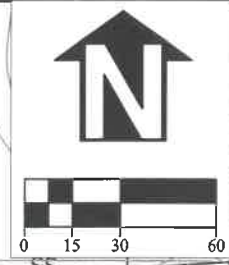


EXPIRES: 06/30/2020

SHEET NO. 10 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG

PACIFIC BLVD  
HWY 99E

INSTALL PRIVATE TWO-WAY SEWER  
CLEANOUT ON EXISTING 6" CONCRETE  
SEWER LATERAL AND REPAIR DAMAGED  
SECTION AS DIRECTED BY THE ENGINEER.



CONNECT TO EXISTING 8" PVC SEWER MAIN  
APPROXIMATELY 40' DOWNSTREAM OF UPSTREAM  
MANHOLE. CONNECT NEW AND EXISTING PIPES WITH  
SOLID SLEEVE PVC TO HDPE TRANSITION COUPLER.

PAVED  
PARKING

2736

UPSTREAM MH 1130540910  
DEPTH = 7.0'.

PAVED  
PARKING

PIPE BURST 230'  
OF 8" HDPE PIPE.

2730

DOWNSTREAM MH 1130540890  
DEPTH = 7.0'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE.

PIPE BURST 162'  
OF 8" HDPE PIPE.

PIPE ID 5677

FLOW →

MH 1130540900  
DEPTH = 7.58'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE.

2730

**EXISTING PIPE SEGMENT SUMMARY**

PIPE ID	5677
PIPE DIAMETER AND MATERIAL	8" CONC. & PVC
UPSTREAM MH ID	1130540910
DOWNSTREAM MH ID	1130540900
TOTAL LENGTH (FT)	263

**SEGMENT 5677 MATERIAL CHANGE SUMMARY  
STARTING FROM UPSTREAM MH 1130540910**

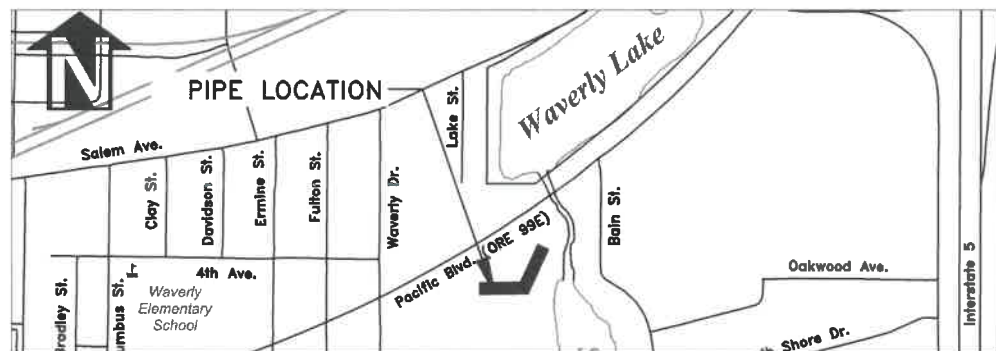
FOOTAGE	DESCRIPTION
0'-40'	PVC MAINLINE

**EXISTING PIPE SEGMENT SUMMARY**

PIPE ID	5679
PIPE DIAMETER AND MATERIAL	8" CONC.
UPSTREAM MH ID	1130540900
DOWNSTREAM MH ID	1130540890
TOTAL LENGTH (FT)	162
TOTAL NUMBER OF RECONNECTED SERVICES	1

**5679 LATERAL SUMMARY STARTING FROM UPSTREAM MH 1130540900**

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
57.3'L	RECONNECT	2730 PACIFIC BLVD	RECONNECT 6" LATERAL TO MAIN AS SPECIFIED



VICINITY MAP

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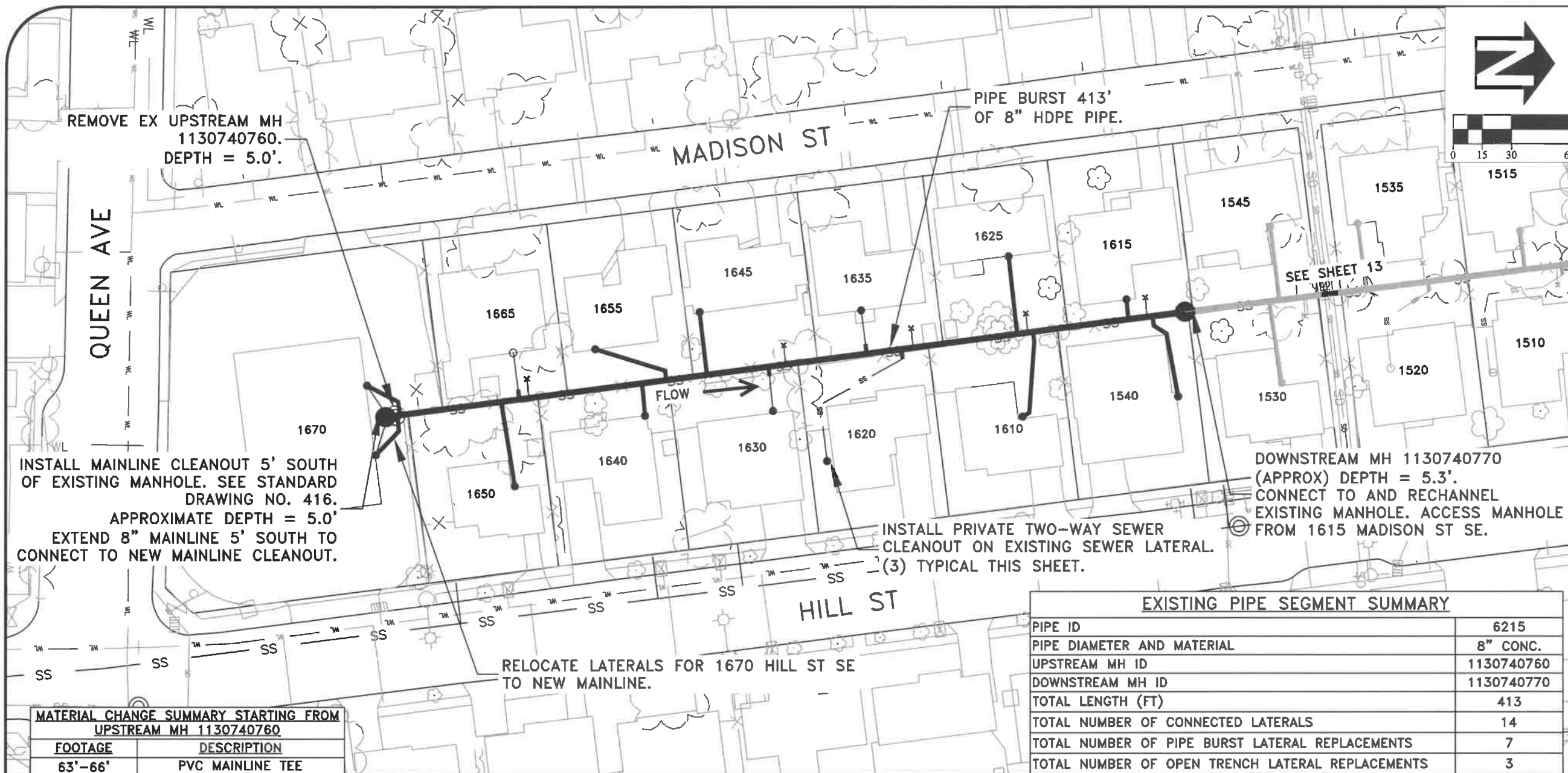


SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 5677 & 5679



EXPIRES: 06/30/2020

SHEET NO. 11 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG



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DATE: 4/25/2019	BY: - - -

REMOVE EX UPSTREAM MH 1130740760.  
DEPTH = 5.0'.  
INSTALL MAINLINE CLEANOUT 5' SOUTH OF EXISTING MANHOLE. SEE STANDARD DRAWING NO. 416.  
APPROXIMATE DEPTH = 5.0'  
EXTEND 8" MAINLINE 5' SOUTH TO CONNECT TO NEW MAINLINE CLEANOUT.

PIPE BURST 413' OF 8" HDPE PIPE.

DOWNSTREAM MH 1130740770 (APPROX) DEPTH = 5.3'.  
CONNECT TO AND RECHANNEL EXISTING MANHOLE. ACCESS MANHOLE FROM 1615 MADISON ST SE.

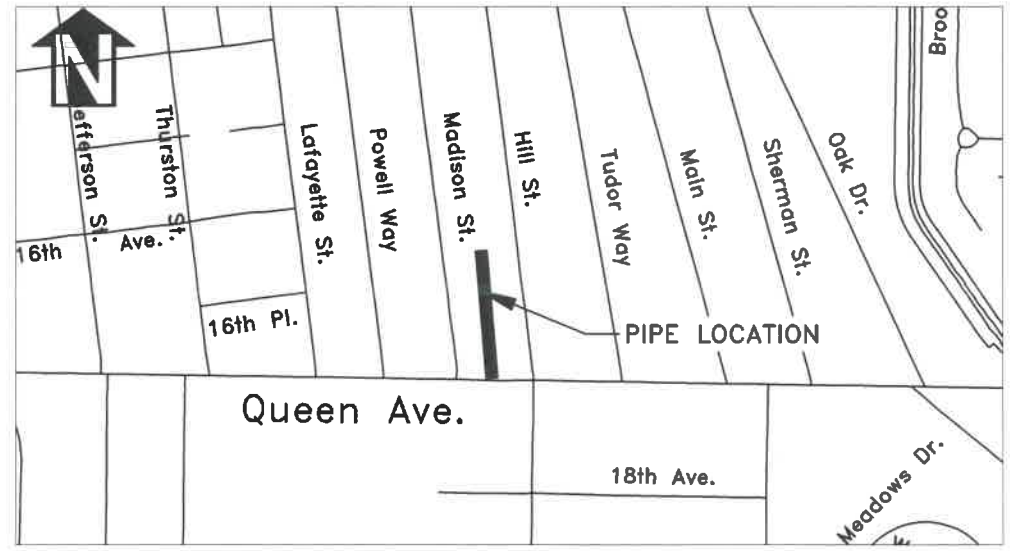
INSTALL PRIVATE TWO-WAY SEWER CLEANOUT ON EXISTING SEWER LATERAL. (3) TYPICAL THIS SHEET.

RELOCATE LATERALS FOR 1670 HILL ST SE TO NEW MAINLINE.

MATERIAL CHANGE SUMMARY STARTING FROM UPSTREAM MH 1130740760	
FOOTAGE	DESCRIPTION
63'-66'	PVC MAINLINE TEE
160'-164'	PVC MAINLINE TEE
195'-198'	PVC MAINLINE TEE

EXISTING PIPE SEGMENT SUMMARY	
PIPE ID	6215
PIPE DIAMETER AND MATERIAL	8" CONC.
UPSTREAM MH ID	1130740760
DOWNSTREAM MH ID	1130740770
TOTAL LENGTH (FT)	413
TOTAL NUMBER OF CONNECTED LATERALS	14
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	7
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	3

LATERAL SUMMARY STARTING FROM UPSTREAM MH 1130740760			
FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
56.1'R	RECONNECT	1650 HILL ST SE	PIPE BURST LATERAL
65.4'L	RECONNECT	1665 MADISON ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
70.4'L	ABANDON	-	-
129.2'R	RECONNECT	1640 HILL ST SE	PIPE BURST LATERAL
141.8'L	RECONNECT	1655 MADISON ST SE	PIPE BURST LATERAL
163.1'L	RECONNECT	1645 MADISON ST SE	PIPE BURST LATERAL
195.4'R	RECONNECT	1630 HILL ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
204.5'L	ABANDON	-	-
246.8'L	RECONNECT	1635 MADISON ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
265.0'R	RECONNECT	1620 HILL ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
271.0'L	ABANDON	-	-
325.6'L	RECONNECT	1625 MADISON ST SE	PIPE BURST LATERAL
331.0'L	ABANDON	-	-
333.8'R	RECONNECT	1610 HILL ST SE	PIPE BURST LATERAL
384.0'L	RECONNECT	1615 MADISON ST SE	OPEN TRENCH LATERAL IN PLACE
393.5'L	ABANDON	-	-
396.3'R	RECONNECT	1540 HILL ST SE	PIPE BURST LATERAL

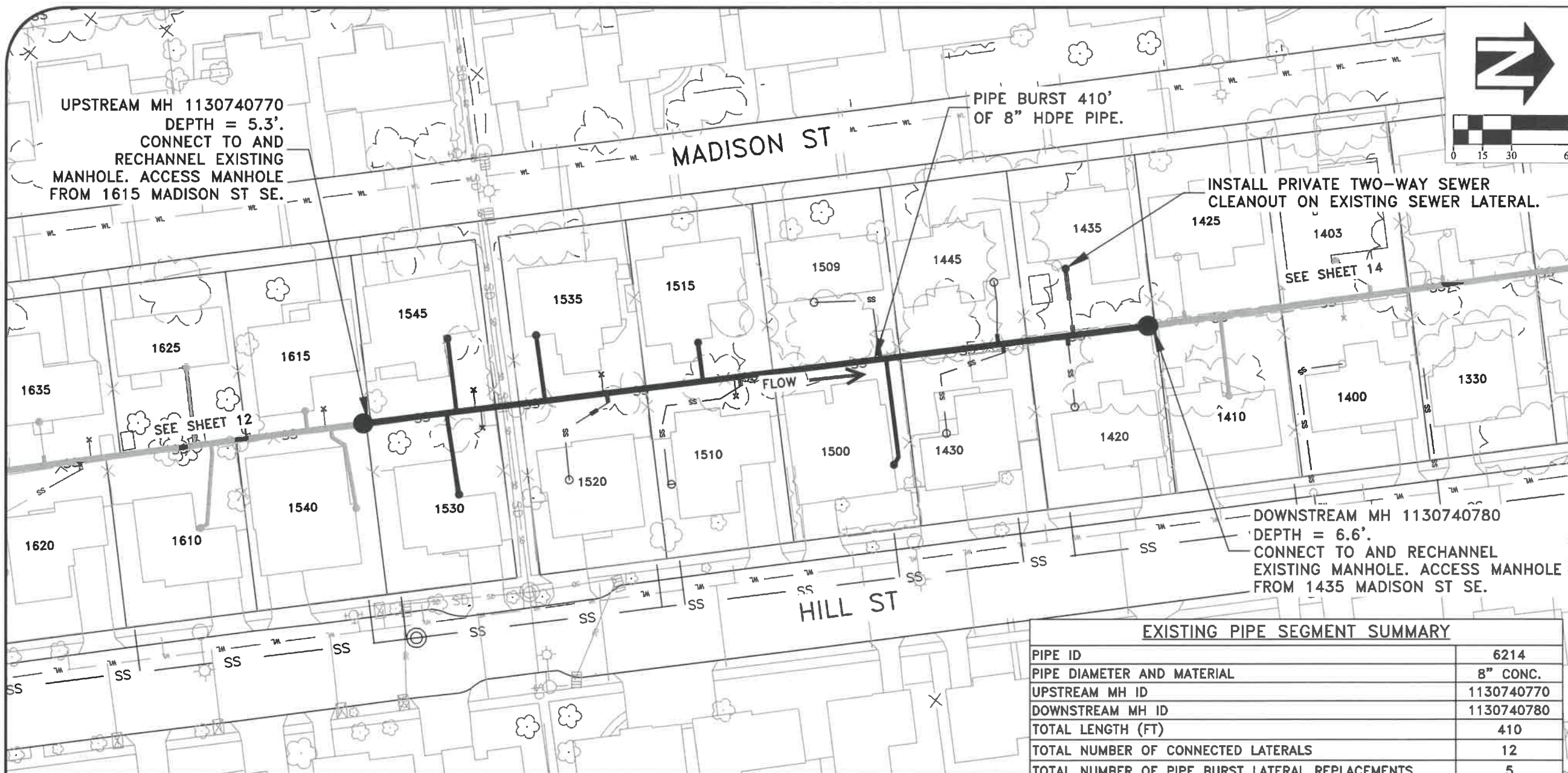


VICINITY MAP

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SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 6215



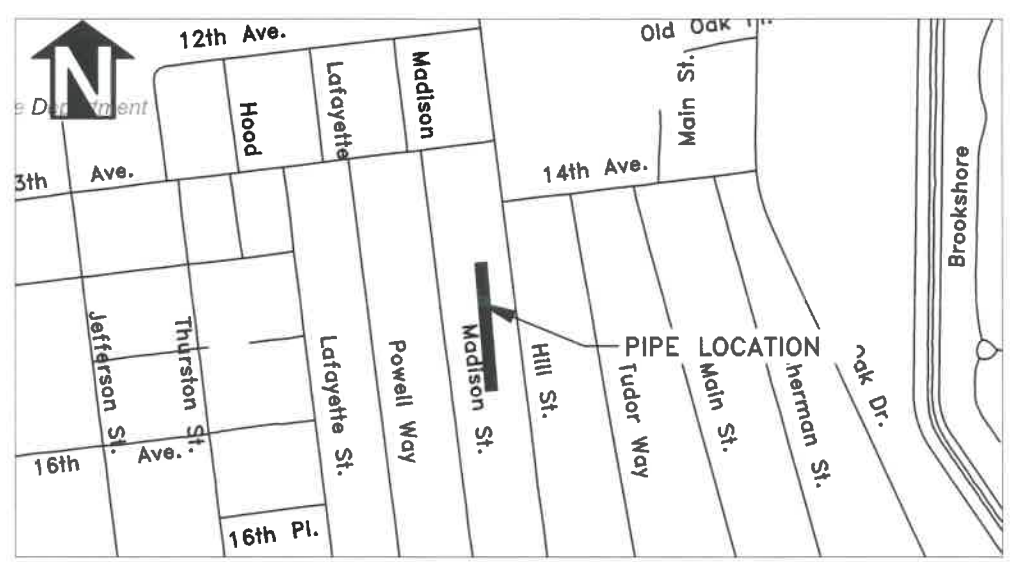
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**SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 6214**

EXISTING PIPE SEGMENT SUMMARY	
PIPE ID	6214
PIPE DIAMETER AND MATERIAL	8" CONC.
UPSTREAM MH ID	1130740770
DOWNSTREAM MH ID	1130740780
TOTAL LENGTH (FT)	410
TOTAL NUMBER OF CONNECTED LATERALS	12
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	5
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	0



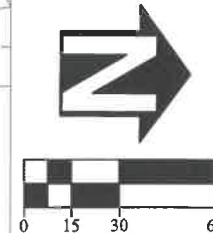
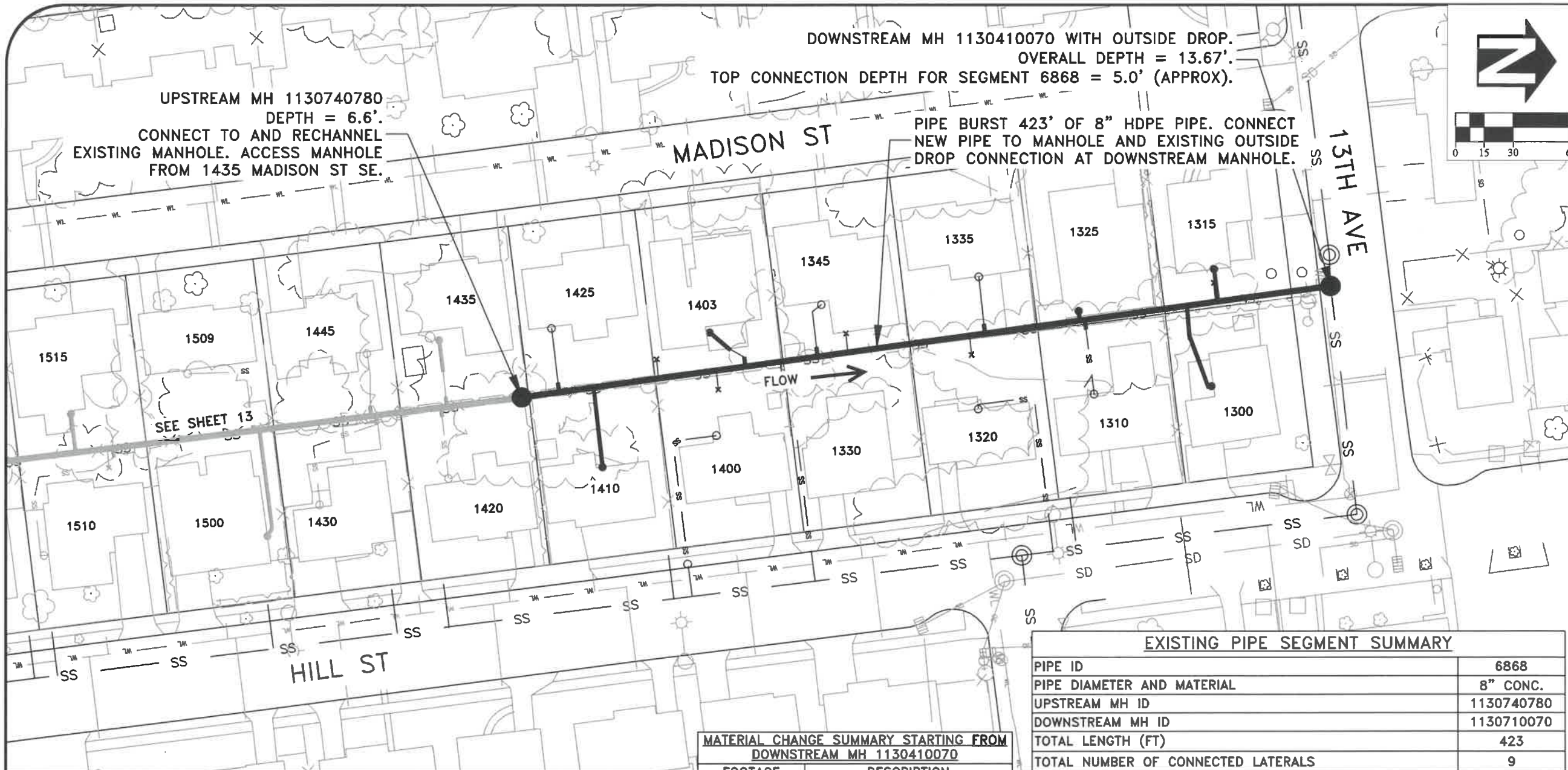
VICINITY MAP

LATERAL SUMMARY STARTING FROM UPSTREAM MH 1130740770			
FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
43.6'R	RECONNECT	1530 HILL ST SE	PIPE BURST LATERAL
45.4'L	RECONNECT	1545 MADISON ST SE	PIPE BURST LATERAL
59.4'L	ABANDON	-	-
62.3'R	ABANDON	-	-
97.8'L	RECONNECT	1535 MADISON ST SE	PIPE BURST LATERAL
129.6'L	ABANDON	-	-
131.6'R	RECONNECT	1520 HILL ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED AND INSTALL SPOT REPAIR AS DIRECTED BY THE ENGINEER.
175.3'L	RECONNECT	1515 MADISON ST SE	PIPE BURST LATERAL
193.9'R	ABANDON	-	-
196.8'L	RECONNECT	1510 HILL ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
268.7'L	RECONNECT	1509 MADISON ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
271.5'R	RECONNECT	1500 HILL ST SE	PIPE BURST LATERAL
332.4'L	RECONNECT	1445 MADISON ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
335.4'R	RECONNECT	1430 HILL ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
368.0'R	RECONNECT	1420 HILL ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
371.2'L	RECONNECT	1435 MADISON ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED AND REPLACE ORANGEBURG PIPE IN PLACE AS SHOWN.



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SHEET NO.	13 OF 18
PROJECT NO:	SS-19-01-A
FILE:	BASE.DWG

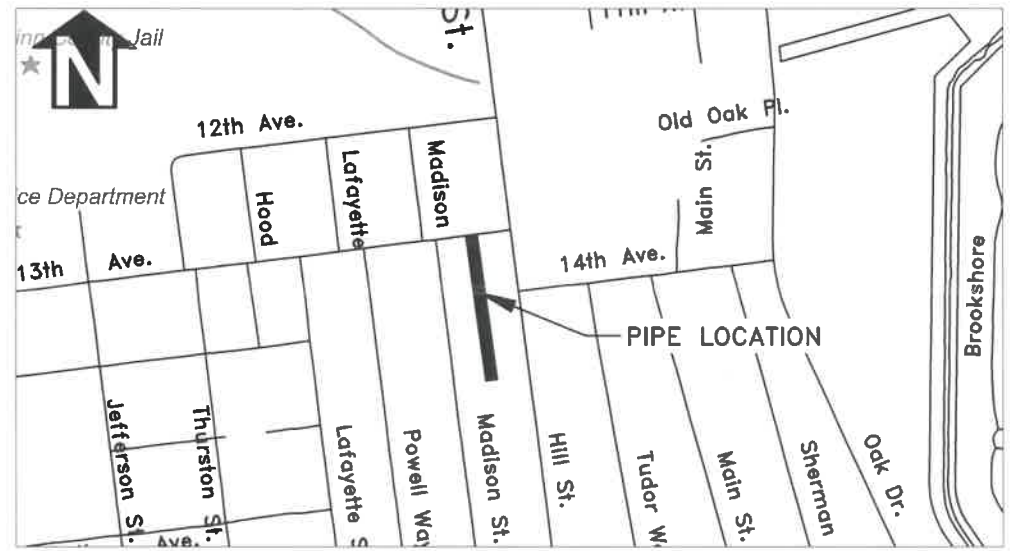


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SEE SHEET 13

MATERIAL CHANGE SUMMARY STARTING FROM DOWNSTREAM MH 1130410070	
FOOTAGE	DESCRIPTION
124'-130'	PVC SPOT REPAIR WITH (2) MAINLINE TEES.

EXISTING PIPE SEGMENT SUMMARY	
PIPE ID	6868
PIPE DIAMETER AND MATERIAL	8" CONC.
UPSTREAM MH ID	1130740780
DOWNSTREAM MH ID	1130710070
TOTAL LENGTH (FT)	423
TOTAL NUMBER OF CONNECTED LATERALS	9
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	3
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	2



LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1130410070			
FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
58.5'R	RECONNECT	1315 MADISON ST SE	PIPE BURST LATERAL
59.8'R	ABANDON	-	-
75.1'L	RECONNECT	1300 HILL ST SE	PIPE BURST LATERAL
128.7'L	RECONNECT	1310 HILL ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
131.3'R	RECONNECT	1325 MADISON ST SE	OPEN TRENCH LATERAL IN PLACE
180.1'R	RECONNECT	1335 MADISON ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
188.7'L	ABANDON	-	-
252.5'R	ABANDON	-	-
268.3'R	RECONNECT	1345 MADISON ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
287.8'L	ABANDON	-	-
306.1'R	RECONNECT	1403 MADISON ST SE	OPEN TRENCH LATERAL SECTION UNDER PATIO IN PLACE
231.1'L	ABANDON	-	-
351.3'R	ABANDON	-	-
385.3'L	RECONNECT	1410 HILL ST SE	PIPE BURST LATERAL
403.6'R	RECONNECT	1425 HILL ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED

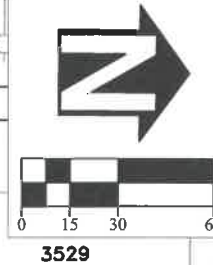
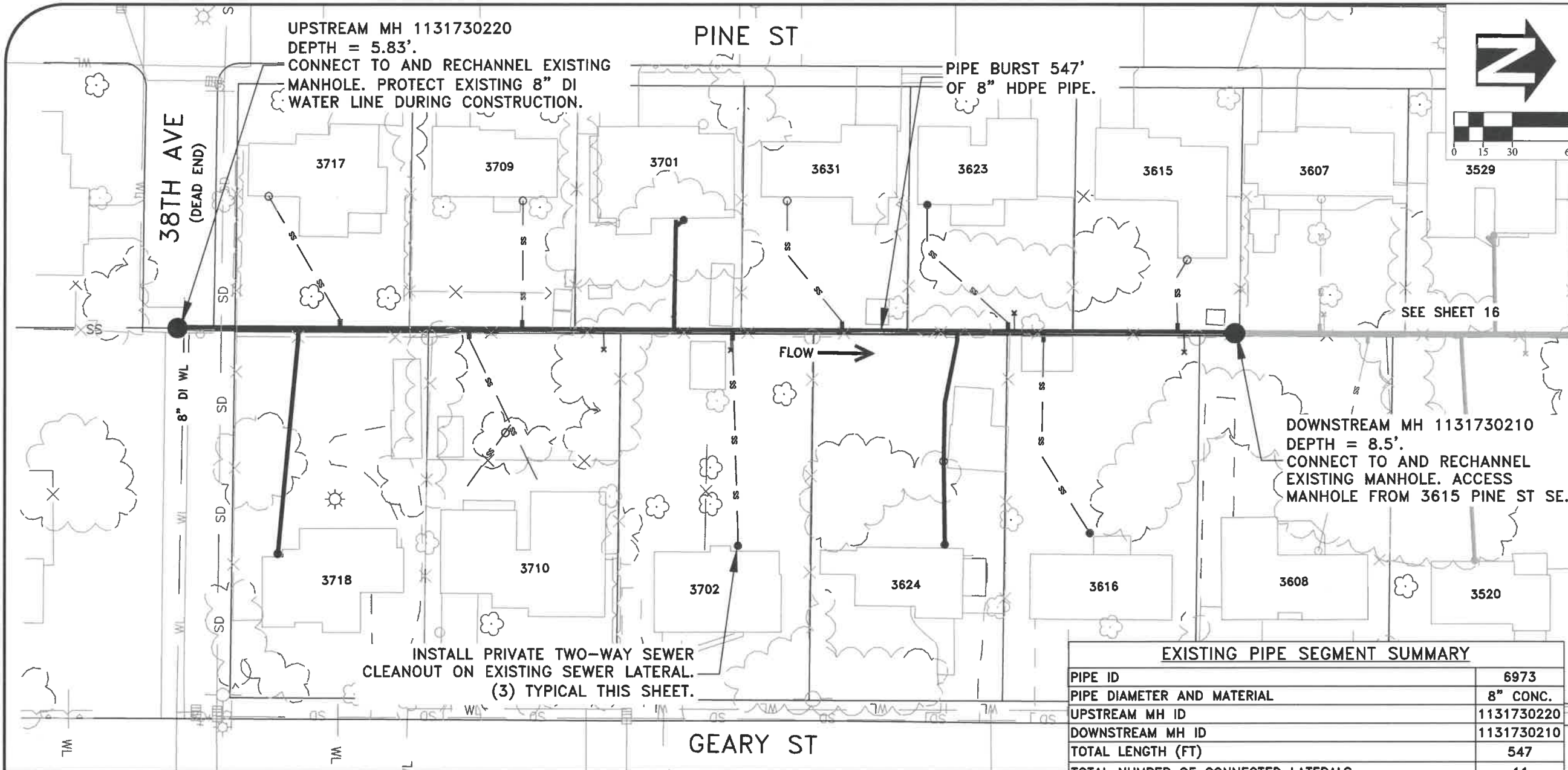
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SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 6868



SHEET NO. 14 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG



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DATE: 4/25/2019	NO: -
DATE: -	BY: -

SEE SHEET 16

INSTALL PRIVATE TWO-WAY SEWER CLEANOUT ON EXISTING SEWER LATERAL. (3) TYPICAL THIS SHEET.

DOWNSTREAM MH 1131730210  
DEPTH = 8.5'.  
CONNECT TO AND RECHANNEL EXISTING MANHOLE. ACCESS MANHOLE FROM 3615 PINE ST SE.

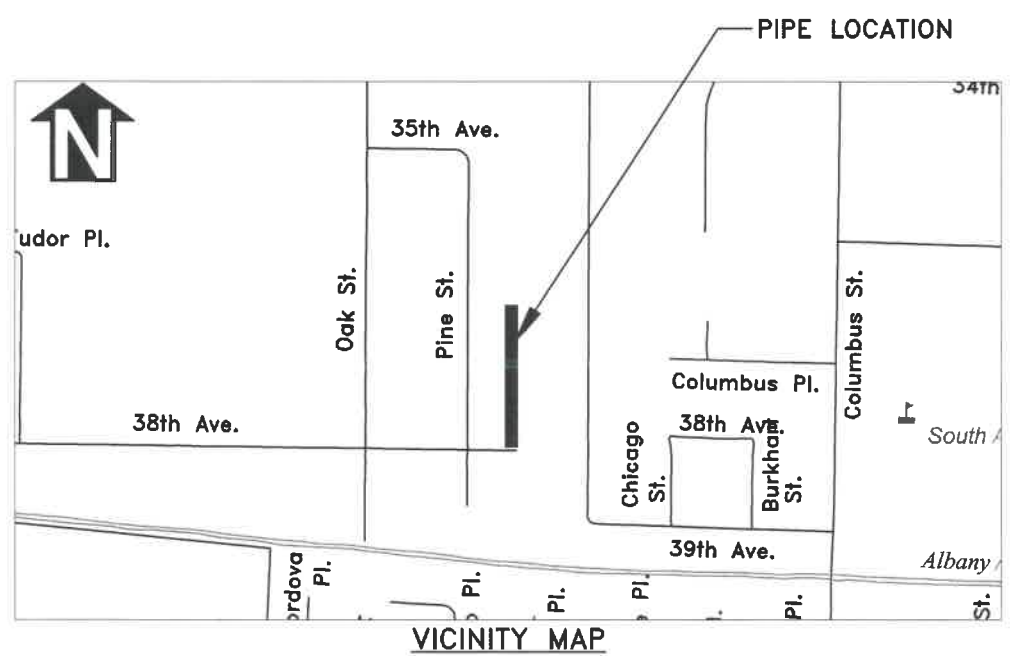
**EXISTING PIPE SEGMENT SUMMARY**

PIPE ID	6973
PIPE DIAMETER AND MATERIAL	8" CONC.
UPSTREAM MH ID	1131730220
DOWNSTREAM MH ID	1131730210
TOTAL LENGTH (FT)	547
TOTAL NUMBER OF CONNECTED LATERALS	11
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	3
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	0

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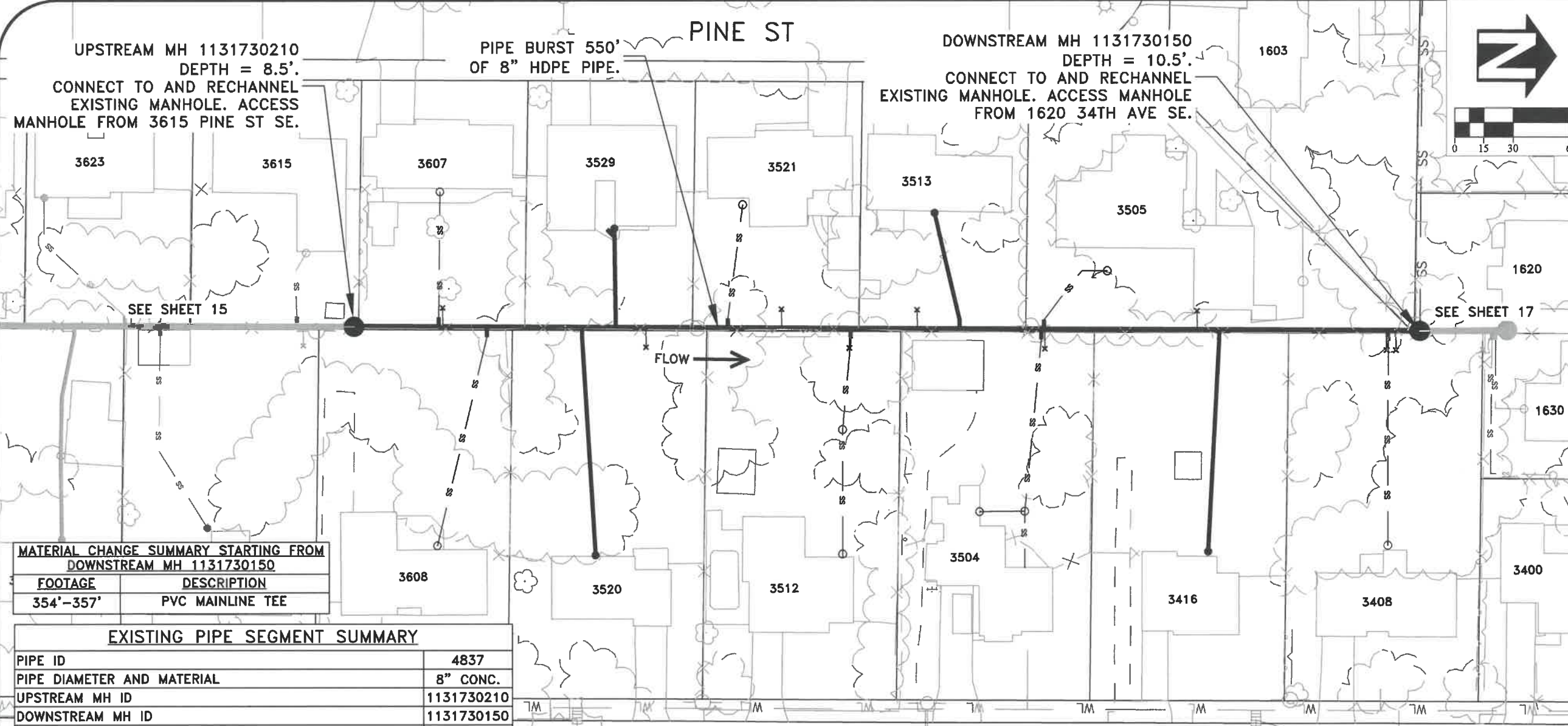
SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 6973



**LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1131730210**

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
26.2'L	ABANDON	-	-
29.5'R	RECONNECT	3615 PINE ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
99.3'L	RECONNECT	3616 GEARY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
114.4'R	ABANDON	-	-
117.8'R	RECONNECT	3623 PINE ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
144.0'L	RECONNECT	3624 GEARY ST SE	PIPE BURST LATERAL
203.5'R	RECONNECT	3631 PINE ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
260.3'L	RECONNECT	3702 GEARY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
261.3'L	ABANDON	-	-
290.6'R	RECONNECT	3701 PINE ST SE	PIPE BURST LATERAL
326.9'L	ABANDON	-	-
377.8'R	RECONNECT	3709 PINE ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
397.1'L	RECONNECT	3710 GEARY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
463.5'R	RECONNECT	3717 PINE ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
485.0'L	RECONNECT	3718 GEARY ST SE	PIPE BURST LATERAL

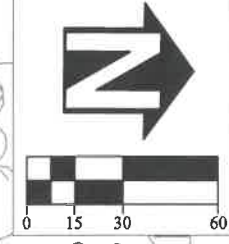




UPSTREAM MH 1131730210  
DEPTH = 8.5'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE. ACCESS  
MANHOLE FROM 3615 PINE ST SE.

PIPE BURST 550'  
OF 8" HDPE PIPE.

DOWNSTREAM MH 1131730150  
DEPTH = 10.5'.  
CONNECT TO AND RECHANNEL  
EXISTING MANHOLE. ACCESS MANHOLE  
FROM 1620 34TH AVE SE.



**MATERIAL CHANGE SUMMARY STARTING FROM  
DOWNSTREAM MH 1131730150**

FOOTAGE	DESCRIPTION
354'-357'	PVC MAINLINE TEE

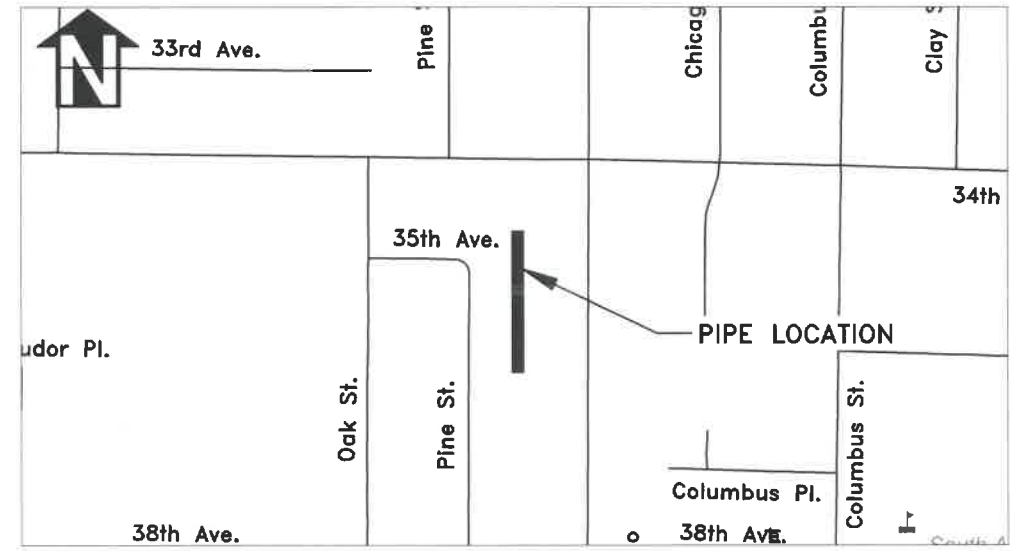
**EXISTING PIPE SEGMENT SUMMARY**

PIPE ID	4837
PIPE DIAMETER AND MATERIAL	8" CONC.
UPSTREAM MH ID	1131730210
DOWNSTREAM MH ID	1131730150
TOTAL LENGTH (FT)	550
TOTAL NUMBER OF CONNECTED LATERALS	11
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	4
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	0

GEARY ST

**LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1131730150**

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
12.6'L	ABANDON	-	-
16.4'L	RECONNECT	3408 GEARY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
17.3'L	ABANDON	-	-
103.7'L	RECONNECT	3416 GEARY ST SE	PIPE BURST LATERAL
115.0'R	ABANDON	-	-
193.2'L	ABANDON	-	-
193.6'R	RECONNECT	3505 PINE ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
195.0'L	RECONNECT	3504 GEARY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
237.3'R	RECONNECT	3513 PINE ST SE	PIPE BURST LATERAL
259.1'R	ABANDON	-	-
293.5'L	RECONNECT	3512 GEARY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
293.7'L	ABANDON	-	-
328.8'R	ABANDON	-	-
356.6'R	RECONNECT	3521 PINE ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
398.9'L	ABANDON	-	-
414.5'R	RECONNECT	3529 PINE ST SE	PIPE BURST LATERAL
431.8'L	RECONNECT	3520 GEARY ST SE	PIPE BURST LATERAL
480.6'L	RECONNECT	3608 GEARY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
503.4'R	ABANDON	-	-
505.6'R	RECONNECT	3607 PINE ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED



DESIGNED: L. SCHUMACHER	REVISIONS	NO:	BY:
DRAWN: L. SCHUMACHER			
CHECKED: C. CERKLEWSKI			
DATE: 4/25/2019			

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

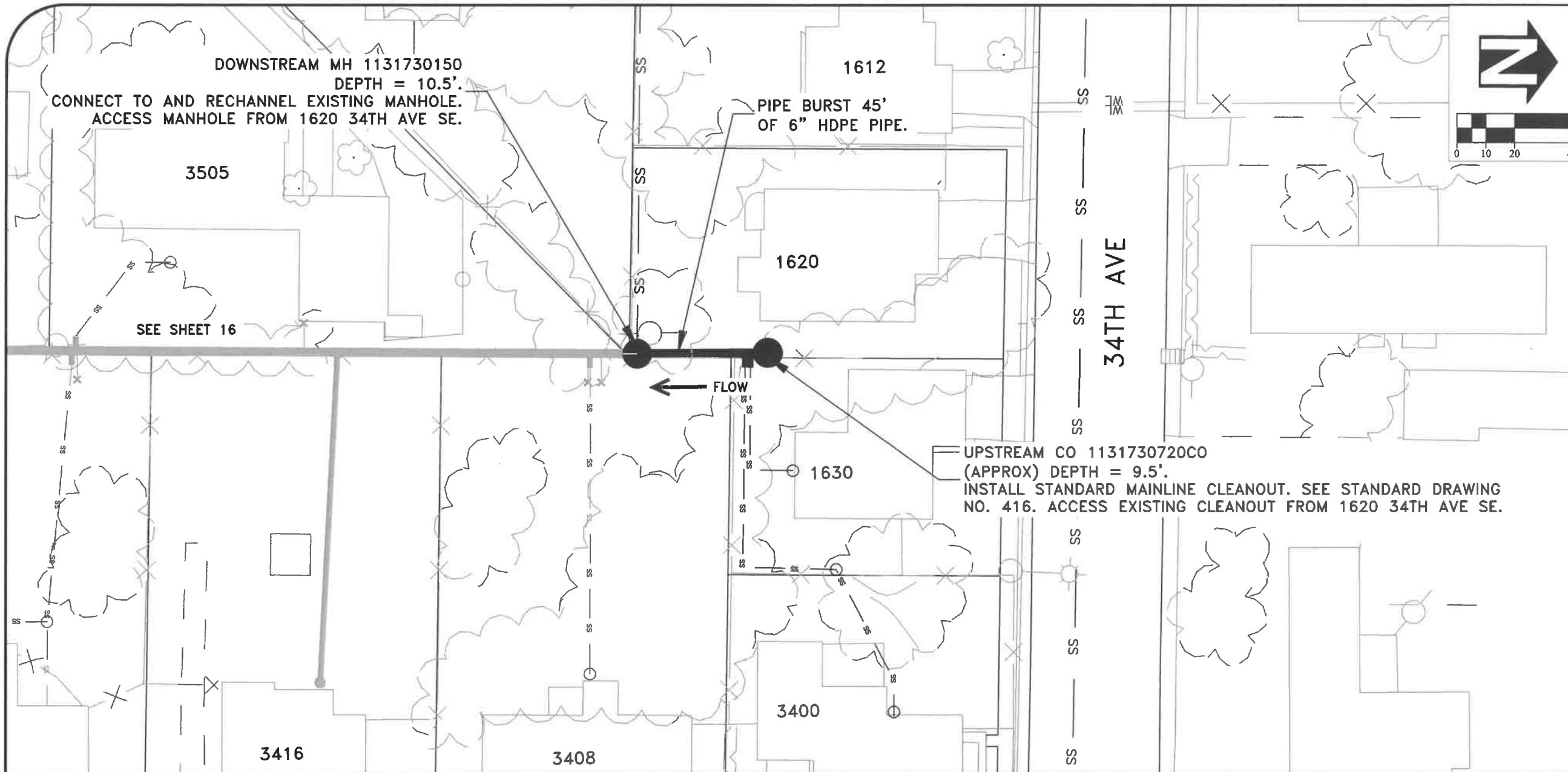


**SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 4837**

REGISTERED PROFESSIONAL ENGINEER  
85930PE  
*Lori L. Schumacher*  
OREGON  
MARCH 13, 2018  
LORI L. SCHUMACHER  
EXPIRES: 06/30/2020

SHEET NO.	16 OF 18
PROJECT NO:	SS-19-01-A
FILE:	BASE.DWG

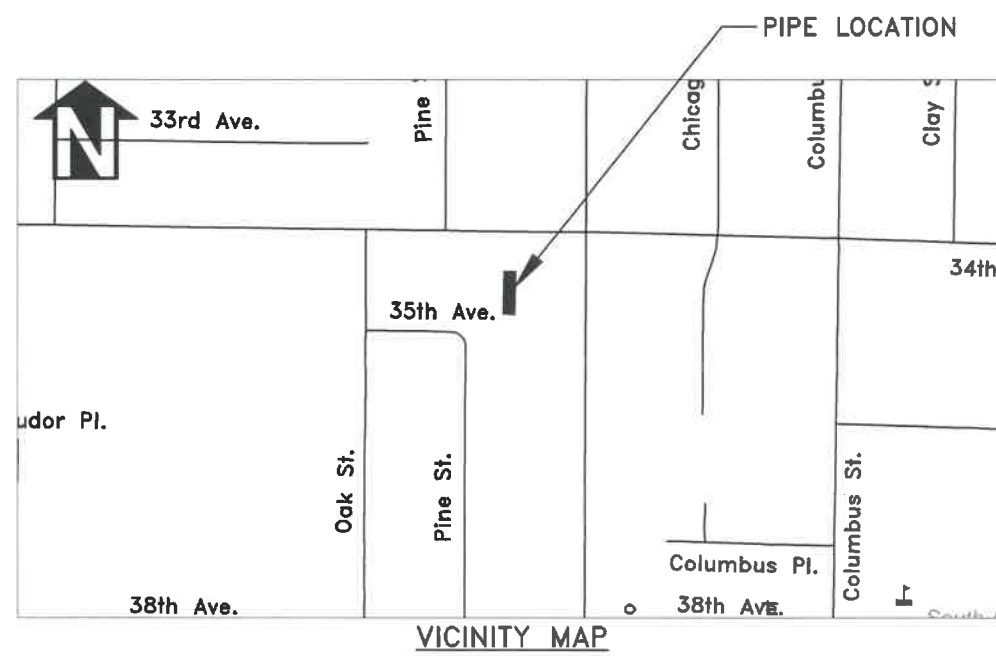




DESIGNED: L. SCHUMACHER	REVISIONS
DRAWN: L. SCHUMACHER	NO:
CHECKED: C. CERKLEWSKI	BY:
DATE: 4/25/2019	DATE:

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 4879**



**MATERIAL CHANGE SUMMARY STARTING FROM DOWNSTREAM MH 1131730150**

FOOTAGE	DESCRIPTION
33'-38'	PVC SPOT REPAIR WITH (2) MAINLINE TEES

**EXISTING PIPE SEGMENT SUMMARY**

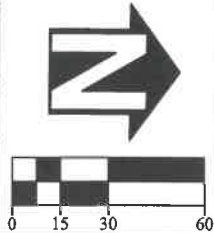
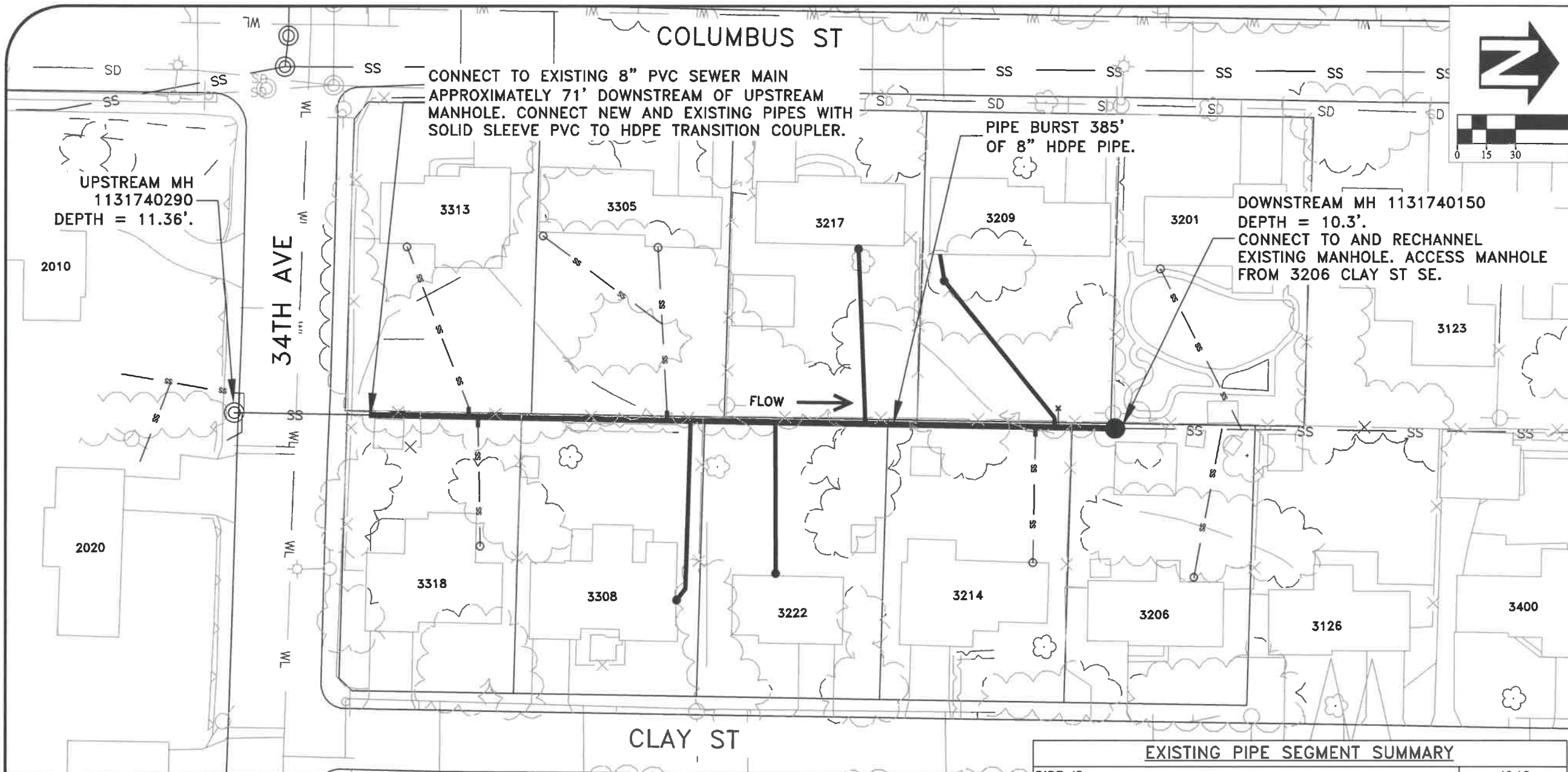
PIPE ID	4879
PIPE DIAMETER AND MATERIAL	8" CONC.
UPSTREAM CLEANOUT ID	1131730720CO
DOWNSTREAM MH ID	1131730150
TOTAL LENGTH (FT)	45
TOTAL NUMBER OF CONNECTED LATERALS	2
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	0
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	0

**LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1131730150**

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
32.3'R	ABANDON	-	-
37.1'R	RECONNECT	3400 GEARY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
37.7'R	RECONNECT	1630 34TH AVE SE	RECONNECT LATERAL TO MAIN AS SPECIFIED

REGISTERED PROFESSIONAL  
ENGINEER  
85930PE  
*Lori L. Schumacher*  
LORI L. SCHUMACHER  
OREGON  
MARCH 13, 2018  
EXPIRES: 06/30/2020

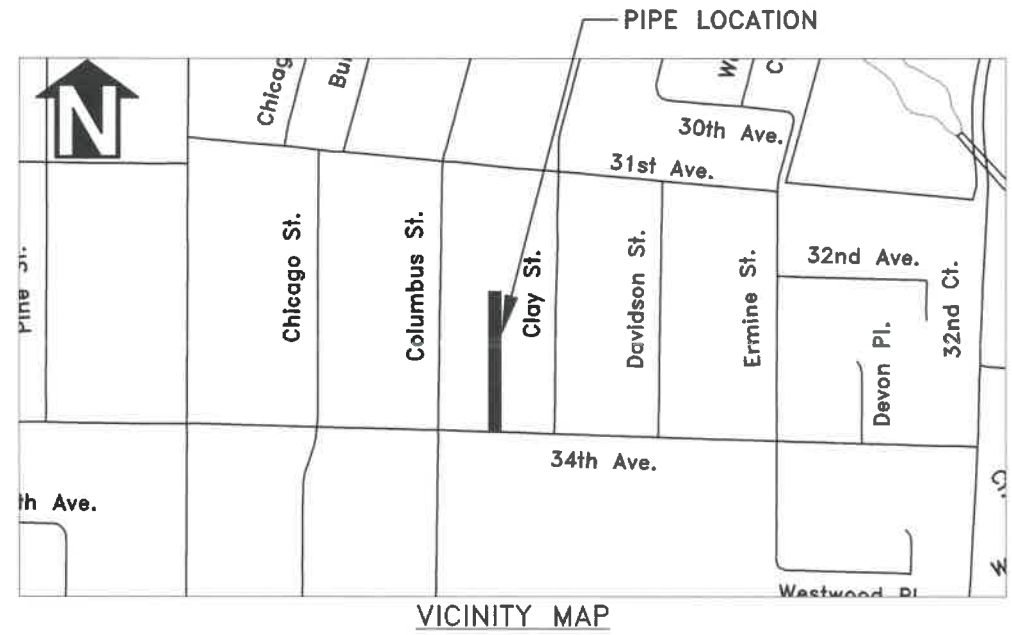
SHEET NO. 17 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG



DESIGNED: L. SCHUMACHER	REVISIONS	NO:	BY:
DRAWN: L. SCHUMACHER			
CHECKED: C. CERKLEWSKI			
DATE: 4/25/2019			

**PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES**

**SS-19-01-A, 2019 PIPE BURSTING PROJECTS  
PIPE ID 4946**



**MATERIAL CHANGE SUMMARY STARTING FROM UPSTREAM MH 1131740290**

FOOTAGE	DESCRIPTION
0'-71'	PVC MAINLINE AND (2) MAINLINE TEES

**EXISTING PIPE SEGMENT SUMMARY**

PIPE ID	4946
PIPE DIAMETER AND MATERIAL	8" CONC.
UPSTREAM MH ID	1131740290
DOWNSTREAM MH ID	1131740150
TOTAL LENGTH (FT)	456
TOTAL NUMBER OF CONNECTED LATERALS	8
TOTAL NUMBER OF PIPE BURST LATERAL REPLACEMENTS	4
TOTAL NUMBER OF OPEN TRENCH LATERAL REPLACEMENTS	0

**LATERAL SUMMARY STARTING FROM DOWNSTREAM MH 1131740150**

FOOTAGE	ACTION	PROPERTY SERVED	PRIVATE SEWER LATERAL CONSTRUCTION NOTES
29.3'R	ABANDON	-	-
31.2'R	RECONNECT	3209 COLUMBUS ST SE	PIPE BURST LATERAL
41.1'L	RECONNECT	3214 CLAY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
128.9'R	RECONNECT	3217 COLUMBUS ST SE	PIPE BURST LATERAL
175.6'L	RECONNECT	3222 CLAY ST SE	PIPE BURST LATERAL
219.5'L	RECONNECT	3308 CLAY ST SE	PIPE BURST LATERAL
231.6'R	RECONNECT	3305 COLUMBUS ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
329.9'R	RECONNECT	3318 CLAY ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
334.8'L	RECONNECT	3313 COLUMBUS ST SE	RECONNECT LATERAL TO MAIN AS SPECIFIED
451.0'R	N/A	2010 & 2020 34TH AVE SE	NO ACTION REQUIRED
452.0'L	N/A	FUTURE CONNECTION	NO ACTION REQUIRED



SHEET NO. 18 OF 18  
PROJECT NO: SS-19-01-A  
FILE: BASE.DWG