

2024 SANITARY SEWER LINING

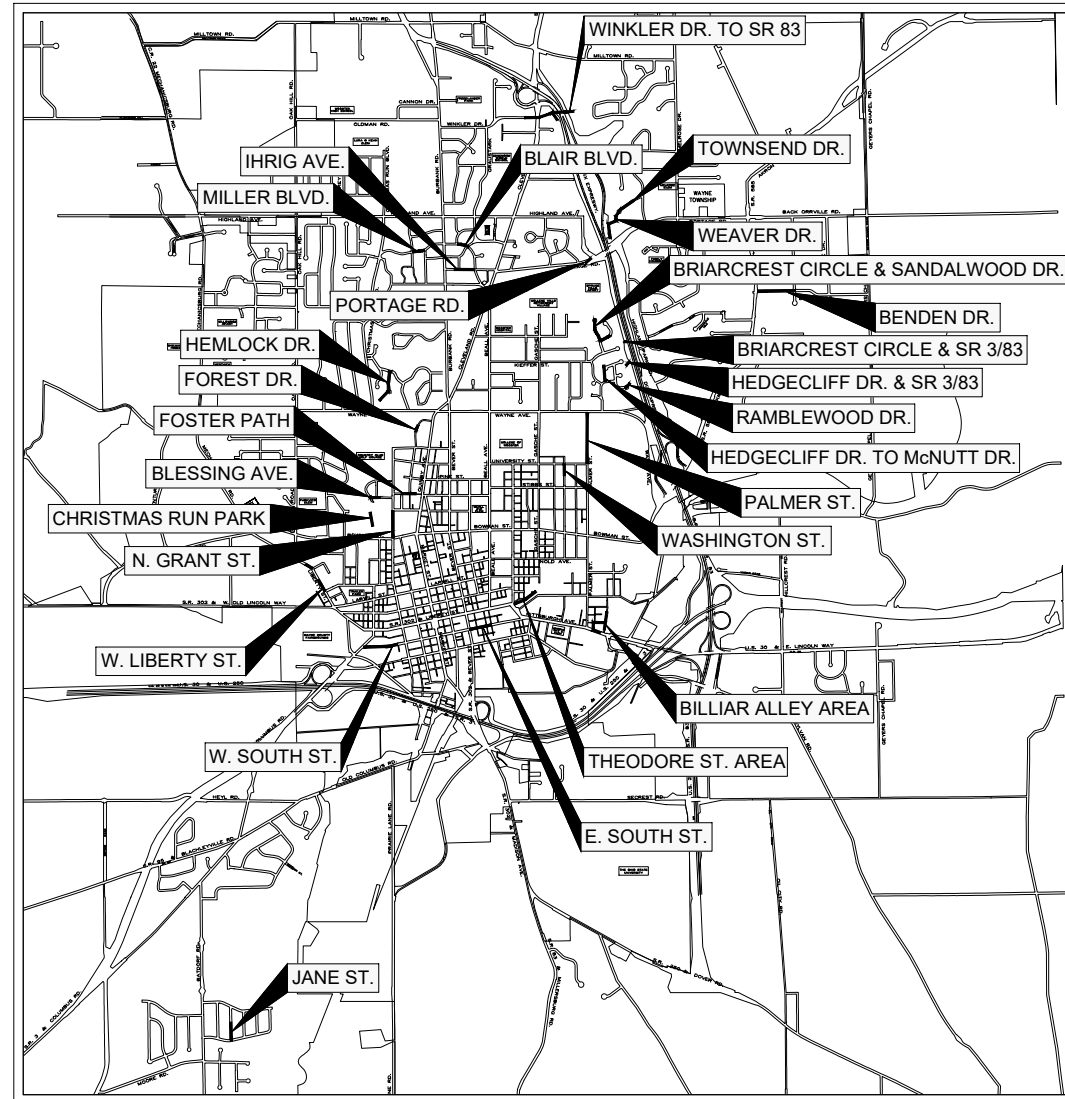
CITY OF WOOSTER, OHIO

2024

ESTIMATED CONSTRUCTION COST = \$650,000

INDEX OF SHEETS

TITLE	SHEET
TITLE SHEET.....	1
GENERAL NOTES.....	2
GENERAL SUMMARY & SUBSUMMARY.....	3
PLAN SHEETS	
BENDEN DR.....	4-5
BILLIAR ALLEY AREA.....	6-7
BLAIR BLVD.....	8
BRIARCREST CIRCLE AND S.R. 3/83.....	9
BRIARCREST CIRCLE AND SANDALWOOD DR.....	10
CHRISTMAS RUN PARK.....	11
FOREST DR.....	12
FOSTER PATH.....	13
N. GRANT ST.....	14
HEDGECLIFF DR. TO McNUTT DR.....	15
HEDGECLIFF DR. TO S.R. 3/83.....	16
HEMLOCK DR.....	17
IHRIG AVE.....	18
JANE ST.....	19
W. LIBERTY ST.....	20
MILLER BLVD.....	21
PALMER ST.....	22-24
PORTAGE RD.....	25
RAMBLEWOOD DR.....	26
E. SOUTH ST.....	27
W. SOUTH ST.....	28
THEODORE ST. AREA.....	29
TOWNSEND DR.....	30
WASHINGTON ST.....	31
WEAVER DR.....	32
WINKLER DR. TO S.R. 83.....	33-34



LOCATION MAP



DESIGNED _____

JOHN RICE
JOHN RICE, STAFF ENGINEER

DATE _____

March 15, 2024



PLAN PREPARED BY
CITY OF WOOSTER
DIVISION OF ENGINEERING
538 N. MARKET ST. WOOSTER, OHIO 44691
PH: (330) 263-5251 FAX: (330) 263-5283



REVISED
1 01/09/2011
2
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SHEET
1 OF 34

GENERAL NOTES

PROJECT NOTES

1. UTILITY COMPANIES SHALL BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION SO THAT EACH CAN LOCATE AND/OR PROTECT THEIR UTILITIES. UTILITY COMPANIES FOR THE PROJECT AREA ARE AS FOLLOWS:

ELECTRIC:	AEP OHIO 3755 LONG RD. WOOSTER, OHIO 44691 (330) 202-3078	AEP OHIO 301 CLEVELAND AVE. P.O. BOX 24400 CANTON, OHIO 44701 (330) 438-7061
	COMMUNICATIONS:	
	BRIGHTSPEED 2025 AKRON ROAD WOOSTER, OHIO 44691 (330) 262-1128	OMNI FIBER 4680 PARKWAY DRIVE, SUITE 450 MASON, OHIO 45040 1-844-844-6664
	MCTV 444 WEST MILLTOWN ROAD WOOSTER, OHIO 44691 (330) 345-8114	ZAYO GROUP 1 W. FEDERAL STREET, SUITE 1304 YOUNGSTOWN, OHIO 44503 (330) 237-4987
NATURAL GAS:	ENBRIDGE GAS OHIO 1049 HEYL ROAD WOOSTER, OHIO 44691 (330) 262-4801	ENBRIDGE GAS OHIO 320 SPRINGSIDE DRIVE, SUITE 320 AKRON, OHIO 44333 (330) 664-2409
WATER AND SEWER:	CITY OF WOOSTER 538 NORTH MARKET ST. WOOSTER, OHIO 44691 (330) 263-5200	

- ALL WORK AND MATERIALS FURNISHED SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS, THE MOST CURRENT EDITION OF THE "STATE OF OHIO DEPARTMENT OF TRANSPORTATION MATERIALS AND SPECIFICATIONS", THE "CITY OF WOOSTER ENGINEERING CONSTRUCTION STANDARDS", SHALL MEET AASHTO M306 STANDARDS AND SHALL BE MANUFACTURED IN THE USA.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF WOOSTER ENGINEERING DIVISION AT LEAST 48 HOURS IN ADVANCE (TWO WORKING DAYS) OF INITIATION OR STOPPAGE OF WORK. THE ENGINEERING DIVISION WILL BE RESPONSIBLE FOR NOTIFYING PROPERTY OWNERS OF CONSTRUCTION OPERATIONS.
- WORK UNDER THIS CONTRACT SHALL BE LIMITED TO PUBLIC RIGHT-OF-WAY AND EASEMENTS OBTAINED BY THE OWNER AS SHOWN ON THE DRAWINGS. ANY ADDITIONAL CONSTRUCTION EASEMENTS REQUIRED FOR COMPLETION OF WORK UNDER THIS CONTRACT SHALL BE OBTAINED BY THE CONTRACTOR, WHOM SHALL PROVIDE A COPY TO THE CITY.
- THE CONTRACTOR SHALL NOT CUT DOWN, DISTURB OR DAMAGE ANY TREES NOT DESIGNATED FOR REMOVAL DURING THE PROSECUTION OF WORK UNDER THIS CONTRACT. ANY TREES TO REMAIN WHICH DIE WITHIN ONE YEAR OF FINAL ACCEPTANCE OF AND AS A RESULT OF WORK UNDER THIS CONTRACT SHALL BE TOTALLY REMOVED AND REPLACED WITH A 10 FOOT HIGH TREE OF THE SAME TYPE AS THAT BEING REMOVED. THE REPLACEMENT TREE SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF PLANTING.
- WHERE IT IS NECESSARY TO DISTURB LAWNS, DRIVEWAYS, LANDSCAPING, FENCES, SHRUBS, SIGNS, MAILBOXES, ETC., IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE THE AREA TO A CONDITION AT LEAST AS GOOD AS IT WAS PRIOR TO THE ONSET OF CONSTRUCTION. ROAD SIGNS SHALL BE REMOVED AND REPLACED PER TYPICAL DETAIL WITH NEW HARDWARE SUPPLIED BY THE CITY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROPRIATE ITEM(S) NECESSITATING THIS WORK.
- MOBILIZATION AND CONTRACT BOND COSTS SHALL BE CONSIDERED A SUBSIDIARY OBLIGATION OF THE CONTRACTOR AND NO DIRECT PAYMENT OF SUCH COSTS WILL BE MADE UNLESS ITEMIZED.
- LININGS OF ALL UTILITY PIPING AND STRUCTURES SHALL BE KEPT CLEAN AND FREE OF DEBRIS PRIOR TO AND DURING INSTALLATIONS. THE CONTRACTOR SHALL PROTECT FLOW LINES AND STRUCTURES FROM DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL FINAL APPROVAL IS GRANTED BY THE CITY OF WOOSTER ENGINEERING DIVISION.
- IN ORDER TO MINIMIZE ADVERSE CONSTRUCTION NOISE IMPACTS, NO POWER OPERATED CONSTRUCTION TYPE DEVICE SHALL BE OPERATED BETWEEN THE HOURS OF 7:00 P.M. TO 7:00 A.M. IN ADDITION, NO POWER-OPERATED CONSTRUCTION TYPE DEVICE SHALL BE OPERATED IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY REQUIRED FOR THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.
- ALL PROPERTY PINS OR MONUMENTS WHICH ARE REMOVED OR DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN THE SAME LOCATION THEY OCCUPIED PRIOR TO CONSTRUCTION. THE COST OF REPLACING PROPERTY PINS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROPRIATE ITEM(S) NECESSITATING THIS WORK. THIS WORK SHALL BE COMPLETED BY A PROFESSIONAL SURVEYOR REGISTERED IN THE STATE OF OHIO.
- WHEREVER IN THE CONTRACT DOCUMENTS REFERENCE IS MADE TO THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) CURRENT EDITION, THE PROVISIONS OF THE REFERENCED ITEM SHALL HAVE THE FULL FORCE AND EFFECT AS IF REPRODUCED HEREIN IN THEIR ENTIRETY. HOWEVER, THE METHOD OF MEASUREMENT, BASIS OF PAYMENT AND PAY ITEMS SHALL BE AS DIRECTED IN THE MATERIAL SPECIFICATIONS OR BID PROPOSAL FORMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THEIR OWN COPY OF THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS. WHERE THE CITY SPECIFICATIONS ARE IN CONFLICT WITH THOSE OF ODOT, THE CITY'S SHALL GOVERN.
- THE CONTRACTOR SHALL SUBMIT A TENTATIVE SCHEDULE OF THE VARIOUS PHASES OF THE WORK TO THE CITY ENGINEER BEFORE COMMENCEMENT OF CONSTRUCTION. SAID SCHEDULE SHALL BE BROUGHT UP TO DATE WEEKLY.
- THE CONTRACTOR SHALL VIDEO THE ENTIRE WORK AREA PRIOR TO CONSTRUCTION. THE VIDEO SHALL BE A DIGITAL COLOR AUDIO-VIDEO CD FOR THE PURPOSE OF PROPER SURFACE RESTORATION OF THE FEATURES ALONG THE ENTIRE LENGTH OF THE PROJECT. ALL WORK AND STORAGE AREAS AND ALL ACCESS ROUTES AND ROADS SHALL ALSO BE VIDEOED. ONE COPY OF THE PRECONSTRUCTION VIDEO CD SHALL BE SUPPLIED TO THE CITY. THE DIGITAL VIDEO SHALL BE PROVIDED ON A CD OR DVD, AND SHALL BE COMPATIBLE WITH STANDARD WINDOWS MEDIA PLAYERS. THE CONSTRUCTION VIDEO SHALL BE CONSIDERED A SUBSIDIARY OBLIGATION OF THE CONTRACTOR AND NO DIRECT PAYMENT OF SUCH COSTS WILL BE MADE.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND REINSTATING ALL SANITARY SEWER LATERALS ON THE SEWERS TO BE LINED. ANY ADDITIONAL LATERALS THAT ARE IDENTIFIED AND REINSTATED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE BID ITEM REINSTATE LATERAL.
- THE MINIMUM THICKNESS FOR CURED-IN-PLACE PIPE SHALL BE 6 MILLIMETERS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED TV INSPECTIONS PER THE SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BYPASS PUMPING NECESSARY TO PERFORM THE WORK REQUIRED UNDER THIS CONTRACT.
- PRIOR TO LINING THE ENTIRE PIPE SECTION, PART (SHORT) LINERS SHALL BE INSTALLED BY THE CONTRACTOR AT THE LOCATIONS NOTED IN THE SUBSUMMARY AND ON THE PLANS.
- LATERALS THAT WERE OBSERVED FROM THE VIDEOS TO BE CAPPED OR PLUGGED AND ARE THEREFORE ABANDONED ARE NOTED ON THE PIPE REPORTS. ABANDONED LATERALS SHALL NOT BE REINSTATED.
- THERE ARE LATERALS THAT ARE PROTRUDING INTO THE SEWER MAINS WHICH ARE SHOWN ON THE VIDEOS, NOTED IN THE PIPE REPORTS, AND/OR NOTED IN THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO GRIND OR OTHERWISE MODIFY THESE LATERALS IN ORDER TO PROPERLY INSTALL THE CURED-IN-PLACE LINER.
- THE CONTRACTOR IS MADE AWARE OF CITY-SPONSORED PROJECTS THAT WILL TAKE PLACE IN AREAS WHERE LINING WORK IS BEING PERFORMED. ONE PROJECT IS A PAVING PROJECT ON PALMER STREET. THE CONTRACTOR IS MELWAY PAVING AND THE CONTACT PERSON IS TERRY TRINER (330) 601-6182 OR TERRY.TRINER@MELWAYPAVING.COM. THE OTHER PROJECT IS A WATERLINE REPLACEMENT ON BILLIAR ALLEY. THE CONTRACTOR IS TBD. COOPERATION BETWEEN CONTRACTORS IS REQUIRED PER ODOT CMS 105.08.
- ITEM 614, MAINTAINING TRAFFIC, INCLUDES THE COST FOR ALL WORK SIGNAGE AND MAINTENANCE OF TRAFFIC OPERATIONS REQUIRED BY THE WORK UNDER THIS CONTRACT. THE CONTRACTOR WILL BE ALLOWED TO CLOSE PORTIONS OF MOST OF THE PUBLIC STREETS WHERE WORK IS TAKING PLACE TO THRU TRAFFIC (MAINTAINING LOCAL TRAFFIC AND EMERGENCY VEHICLE ACCESS), PROVIDED AT LEAST A TWO (2) DAY NOTICE IS GIVEN TO THE ENGINEER. THE DURATION AND TIMES OF THE CLOSURES SHALL BE AGREED UPON BETWEEN THE CONTRACTOR AND THE ENGINEER, AND NO DETOUR SIGNAGE WILL BE REQUIRED. STREETS THAT WILL NOT BE ALLOWED TO BE CLOSED TO THRU TRAFFIC ARE AS FOLLOWS:

CLEVELAND ROAD
PITTSBURGH AVENUE
PORTAGE ROAD
W. LIBERTY STREET

- FOR THESE STREETS, THE CONTRACTOR SHALL EITHER PERFORM WORK IN SUCH A WAY THAT IT IS DONE OUTSIDE OF THE STREET OR MAINTAIN TRAFFIC WITH FLAGGERS (IF TWO LANES) OR CHANNELIZING DEVICES (MORE THAN TWO LANES). ALL SIGNAGE AND WORK SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES."
- THE PORTION OF N. GRANT STREET BEING LINED IS ALONG CORNERSTONE ELEMENTARY SCHOOL. THE CONTRACTOR SHALL EITHER PERFORM THE WORK WHEN SCHOOL IS NOT IN SESSION OR DO IT IN SUCH A WAY THAT SCHOOL TRAFFIC IS MAINTAINED.
 - NO WORK MAY BE DONE ON W. LIBERTY STREET OR W. SOUTH STREET BETWEEN SEPTEMBER 4, 2024 AND SEPTEMBER 15, 2024 DUE TO THE WAYNE COUNTY FAIR.
 - THE CITY HAS OBTAINED THE FOLLOWING PERMIT FOR WORK ALONG THE LIMITED ACCESS RIGHT-OF-WAY ON STATE ROUTES 3/83; ALL AND WORK SHALL BE SUBJECT TO THE TERMS AND CONDITIONS OF THIS PERMIT: ODOT RIGHT-OF-WAY PERMIT 24-14727. A COPY OF THE PERMIT IS AVAILABLE UPON REQUEST.
 - JANE STREET IS LOCATED OUTSIDE OF THE CITY LIMITS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE DAYS WHEN WORK WILL BE TAKING PLACE SO THAT THE TOWNSHIP AND COUNTY CAN BE NOTIFIED.
 - NOT ALL OF THE SEWERS SHOWN ON THESE PLANS TO BE LINED ARE PART OF THE CONTRACT. THESE ARE BOTH NOTED ON THE SUBSUMMARY ON SHEET 3 AND DO NOT HAVE QUANTITIES WITH THEM. THEY MAY BE INCORPORATED INTO THE CONTRACT BY CHANGE ORDER DEPENDING UPON THE CONTRACT PRICE AND FUNDS AVAILABLE.
 - PIPE REPORTS FROM THE CITY'S CCTV INSPECTIONS WILL BE EMAILED TO BIDDERS UPON REQUEST. THE CCTV INSPECTION VIDEOS WILL BE MAILED TO BIDDERS ON A USB DRIVE UPON REQUEST, USING THE BIDDER'S UPS OR FEDEX ACCOUNT; ALLOW SEVERAL DAYS FOR THE VIDEOS TO BE TRANSFERRED AND SENT OUT.

M:\Engineering\ENGINEERING PROJECTS\2023 Projects\2024 Sanitary Sewer Lining #232030\Civil3D\GN01-Gen Notes.dwg - GN01 ~ Apr 23, 2024 - 12:58pm

APPROVED BY	DATE	SCALE
SLG	04/24	N/A
SLG		
JAR		
JAR		



2024 SANITARY SEWER LINING

GENERAL NOTES

CITY OF WOOSTER
DIVISION OF ENGINEERING

ROBERT V. KOBLANCK
CITY ENGINEER
rkoblanck@wooster.com

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2 of 34

SUBSUMMARY

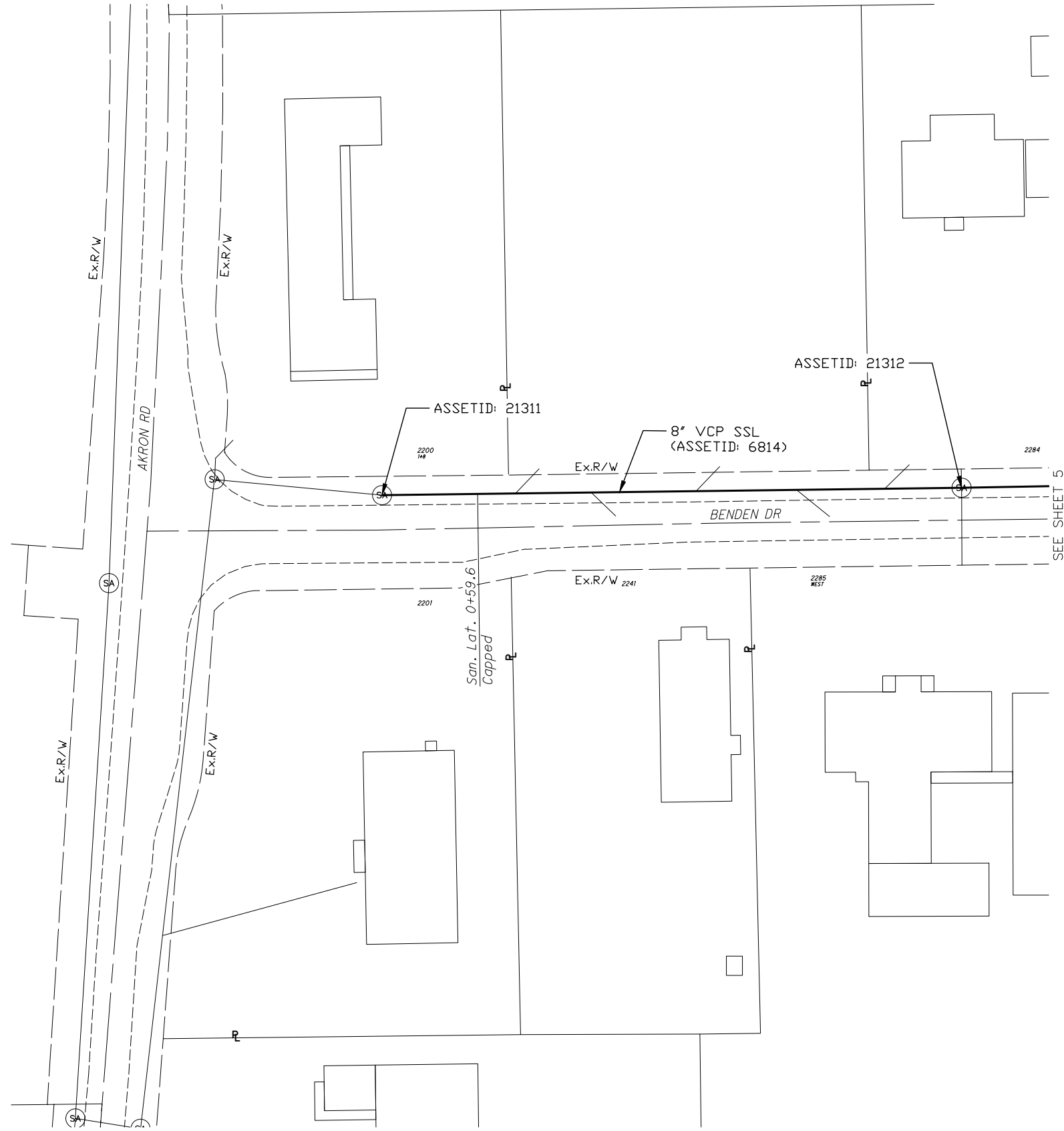
Sheet	Asset ID	Street Name	Length (ft)	Size (in)	Material	Laterals
4	6814	BENDEN DR	362	8	Vitrified Clay	5
5	6819	BENDEN DR	391	8	Vitrified Clay	7
5	6820	BENDEN DR	189	8	Vitrified Clay	2
6	8820	BILLIAR ALY	151	8	Vitrified Clay	2
6	8878	BILLIAR ALY	171	8	Vitrified Clay	0
6	8808	BILLIAR ST	202	8	Vitrified Clay	5
6	8830	BILLIAR ST	144	8	Vitrified Clay	5
6	8843	BILLIAR ST	151	8	Vitrified Clay	5
8	6420	BLAIR BLVD	91	8	Vitrified Clay	0
8	6434	BLAIR BLVD	201	8	Vitrified Clay	3
9	7044	BRIARCREST CIR	83	8	Vitrified Clay	2
9	7048	BRIARCREST CIR	93	8	Vitrified Clay	0
10	7050	BRIARCREST CIR	288	8	Vitrified Clay	3
7	9101	CAMPBELL AVE	163	8	Vitrified Clay	2
33	6718	CLEVELAND RD	336	8	Vitrified Clay	4
33	6720	CLEVELAND RD	54	8	Vitrified Clay	0
27	8853	E SOUTH ST	352	15	Vitrified Clay	9
27	8854	E SOUTH ST	271	15	Vitrified Clay	6
12	8332	FOREST DR	198	8	Vitrified Clay	2
13	8337	FOSTER PATH	221	8	Vitrified Clay	3
13	9407	FOSTER PATH	100	8	Vitrified Clay	3
15	6993	HEDGECLIFF DR	473	8	Vitrified Clay	8
17	8633	HEMLOCK DR	218	8	Vitrified Clay	4
17	8642	HEMLOCK DR	217	8	Vitrified Clay	3
17	8644	HEMLOCK DR	358	8	Vitrified Clay	3
17	8778	HEMLOCK DR	79	12	Vitrified Clay	0
17	8779	HEMLOCK DR	73	12	Vitrified Clay	0
18	6348	IHRIG AVE		8	Vitrified Clay	
18	6350	IHRIG AVE		8	Vitrified Clay	
19	8100	JANE ST		8	Vitrified Clay	
21	6400	MILLER BLVD	340	8	Vitrified Clay	4
14	8369	N GRANT ST		12	Vitrified Clay	
14	8370	N GRANT ST		8	Vitrified Clay	
22	8733	PALMER ST	450	8	Vitrified Clay	4
23	8734	PALMER ST	498	8	Vitrified Clay	0
24	8735	PALMER ST	486	8	Vitrified Clay	4
7	8758	PITTSBURGH AVE	47	8	Vitrified Clay	0
7	8760	PITTSBURGH AVE	197	8	Vitrified Clay	2
7	8855	PITTSBURGH AVE	154	8	Vitrified Clay	3
7	9100	PITTSBURGH AVE	441	8	Vitrified Clay	2
7	8867	PITTSBURGH AVE - Alley	187	8	Vitrified Clay	0
25	6607	PORTAGE RD	162	8	Vitrified Clay	0
26	6996	RAMBLEWOOD DR	222	8	Vitrified Clay	6
11	7243	ROSA PARKS WAY	386	24	Vitrified Clay	0
10	7051	SANDALWOOD DR	197	8	Vitrified Clay	2
16	7032	SR 3	140	8	Vitrified Clay	0
9	7041	SR 3	56	8	Vitrified Clay	0
9	7043	SR 3	246	8	Vitrified Clay	0
34	6732	SR 83	369	8	Vitrified Clay	0
34	6733	SR 83	86	8	Vitrified Clay	0
34	6734	SR 83	182	8	Vitrified Clay	0
29	8553	THEODORE ST	457	15	Vitrified Clay	0
29	8980	THEODORE ST	336	15	Vitrified Clay	0
29	8981	THEODORE ST	345	15	Vitrified Clay	3
30	6891	TOWNSEND DR		8	Vitrified Clay	
30	6905	TOWNSEND DR		8	Vitrified Clay	
20	8478	W LIBERTY ST	347	8	Vitrified Clay	9
28	7982	W SOUTH ST		10	Vitrified Clay	
28	8856	W SOUTH ST		8	Vitrified Clay	
28	8858	W SOUTH ST		8	Vitrified Clay	
28	8859	W SOUTH ST		8	Vitrified Clay	
31	8939	WASHINGTON ST		10	Vitrified Clay	
32	6892	WEAVER DR	129	8	Vitrified Clay	0
32	6893	WEAVER DR	229	8	Vitrified Clay	3
32	6894	WEAVER DR	240	8	Vitrified Clay	4
32	6895	WEAVER DR	64	8	Vitrified Clay	1
33	6719	WINKLER DR	346	8	Vitrified Clay	2

*Strikeout indicates work is not part of the contract.

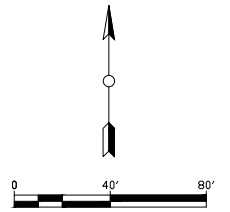
GENERAL SUMMARY

BID ITEM	ODOT ITEM	QUANTITY	UNIT	DESCRIPTION
1	614	1	LS	MAINTAINING TRAFFIC
2	624	1	LS	MOBILIZATION
3	659	1	LS	SEEDING AND MULCHING
4A	SPECIAL	11742	FT	8" CURED-IN-PLACE PIPE REHABILITATION
4B	SPECIAL	152	FT	12" CURED-IN-PLACE PIPE REHABILITATION
4C	SPECIAL	1019	FT	15" CURED-IN-PLACE PIPE REHABILITATION
4D	SPECIAL	56	FT	24" CURED-IN-PLACE PIPE REHABILITATION
5	SPECIAL	135	EACH	REINSTATE LATERAL

DRWN BY	CHKD BY	APPROV BY	SCALE
SLG	JAR	JAR	N/A
DATE	04/24		
			
CITY OF WOOSTER DIVISION OF ENGINEERING <small>200 W. MARKET ST. WOOSTER, OHIO 44691 TEL: (330) 249-2421 FAX: (330) 249-2424 ROGER V. KOBLANOSKI CITY ENGINEER rko@ci.wooster.oh.us</small>			
2024 SANITARY SEWER LINING GENERAL SUMMARY & SUBSUMMARY			
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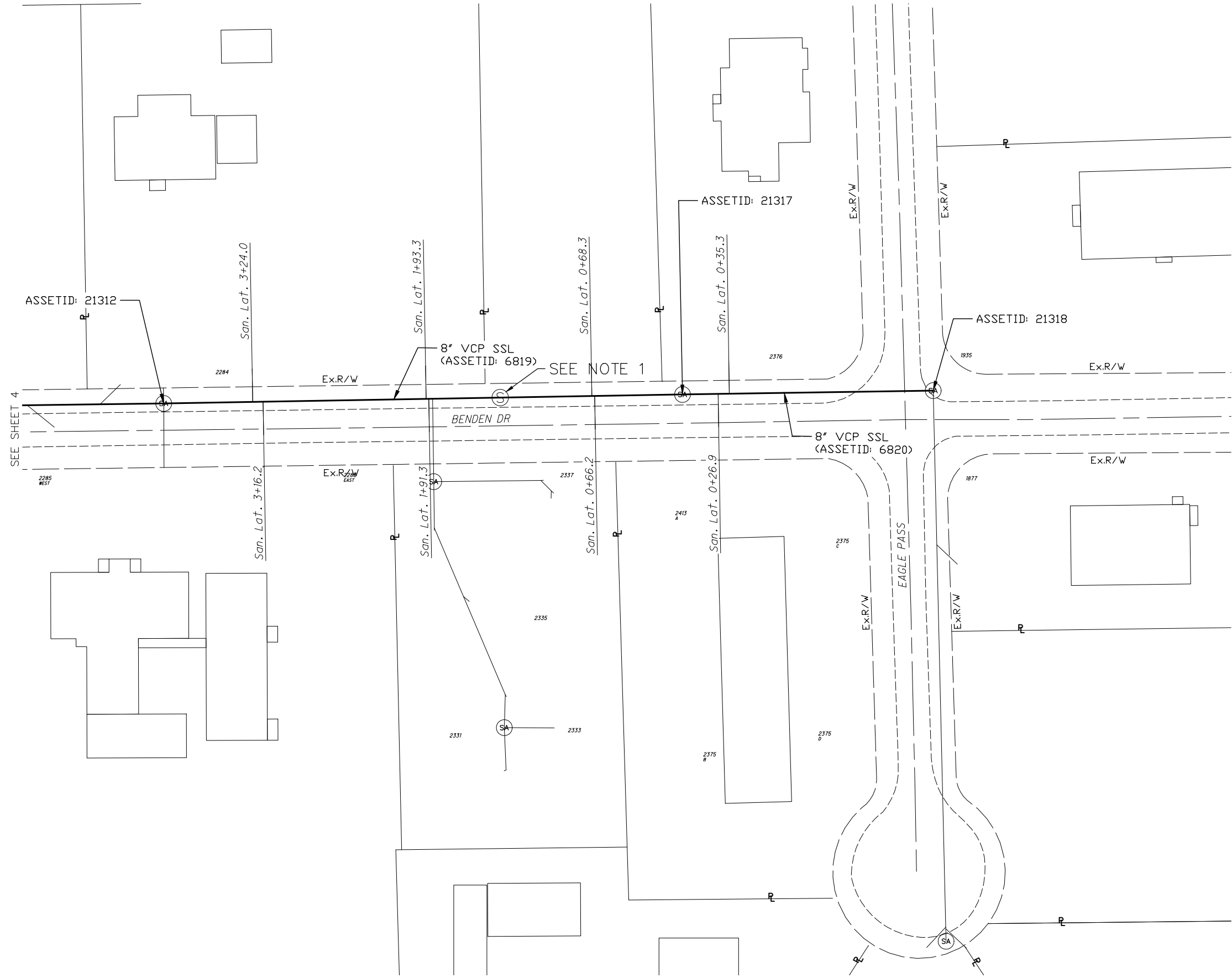


LEGEND

- Sanitary Lateral is Capped (Symbol: circle with a vertical line)
- Sanitary Lateral Protrudes into Sewer Main (Symbol: circle with a vertical line and a star)
- Address (Symbol: circle with the number 5000)
- Ex. Sanitary Manhole (Symbol: circle with 'SM')
- Ex. Sanitary Sewer to be Lined (Symbol: thick solid line)
- Ex. Sanitary Sewer (Symbol: thin solid line)
- Ex. Sanitary Lateral (Symbol: dashed line)
- Property Line (Symbol: long-dashed line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

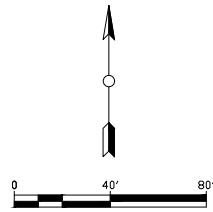
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NOTES:
 1. AS PART OF A DEVELOPMENT PROJECT, A NEW SANITARY MANHOLE WILL BE INSTALLED ALONG THIS SANITARY SEWER.

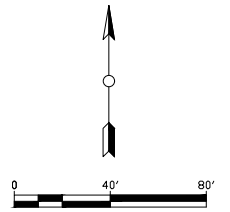
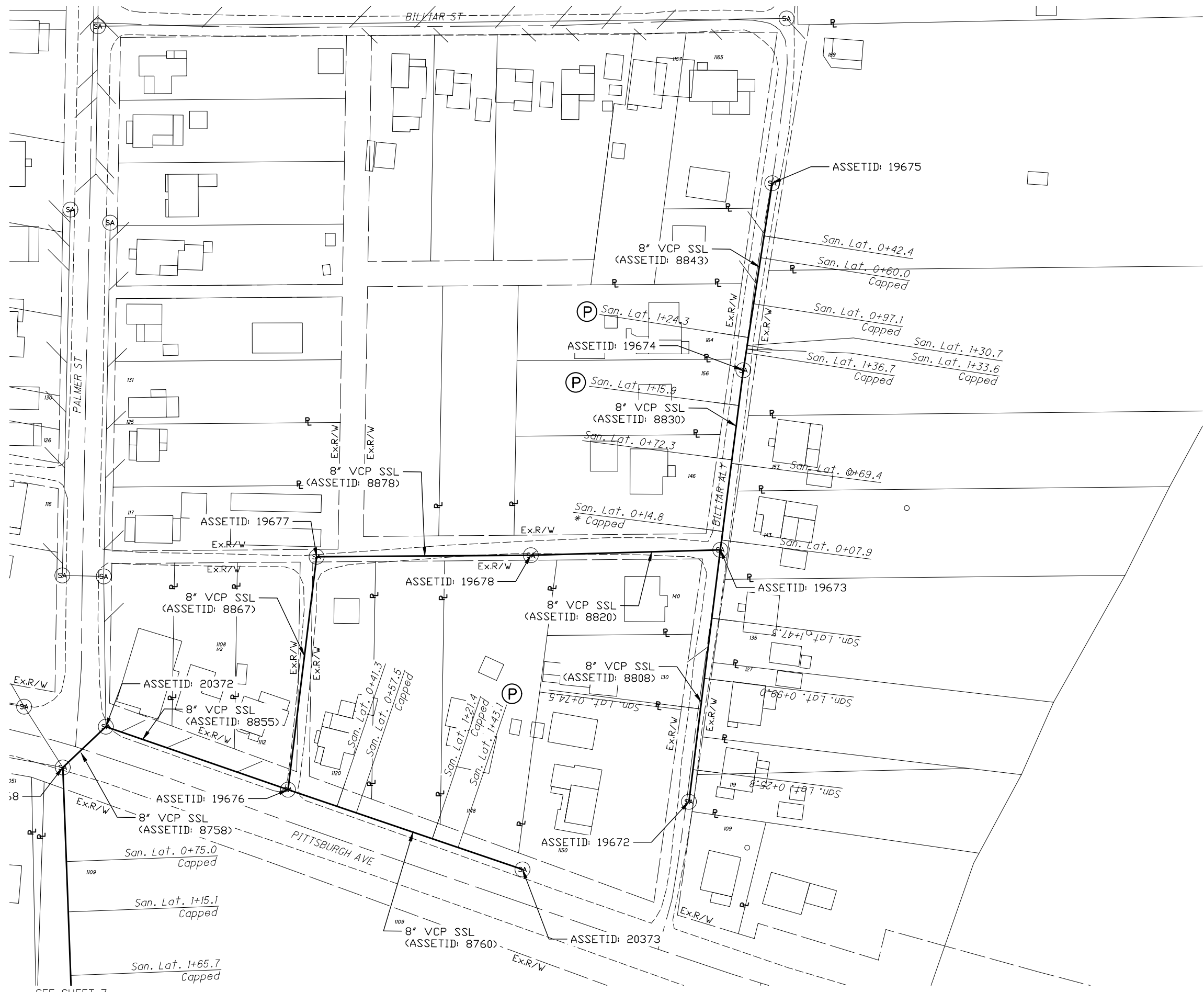
LEGEND

Sanitary Lateral is Capped *
 Sanitary Lateral Protrudes into Sewer Main (P)
 Address 5000 (SA)
 Ex. Sanitary Manhole (SA)
 Ex. Sanitary Sewer to be Lined (thick solid line)
 Ex. Sanitary Sewer (dashed line)
 Ex. Sanitary Lateral (dashed line)
 Property Line (solid line)



<p>CITY OF WOOSTER DIVISION OF ENGINEERING</p> <p>DATE: 02/24</p> <p>SCALE: N/A</p> <p>APPROVED BY: JAR</p> <p>CHECKED BY: AMG</p> <p>DESIGNED BY: JON ROSE</p> <p>CITY ENGINEER: JON ROSE</p>	<p>2024 SANITARY SEWER LINING UTILITY PLAN BENDEN DRIVE 2/2</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">REVISED</td> <td></td> </tr> <tr> <td>1</td> <td>01/09/2011</td> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>3</td> <td></td> </tr> <tr> <td>4</td> <td></td> </tr> <tr> <td>5</td> <td></td> </tr> <tr> <td>6</td> <td></td> </tr> <tr> <td>7</td> <td></td> </tr> <tr> <td>8</td> <td></td> </tr> <tr> <td>9</td> <td></td> </tr> <tr> <td>10</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET</td> </tr> <tr> <td colspan="2" style="text-align: center;">5 of 34</td> </tr> </table>	REVISED		1	01/09/2011	2		3		4		5		6		7		8		9		10		SHEET		5 of 34	
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LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dotted line)
- Property Line (long-dashed line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:
- SEE PROJECT NOTES 8 AND 9 ON SHEET 2.

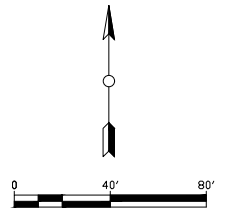
SEE SHEET 7

CITY OF WOOSTER DIVISION OF ENGINEERING <small>1000 W. MAIN ST., WOOSTER, OH 44691 PH: (330) 265-5551 WWW.CITYOFWOOSTER.ORG</small>	DRWN BY: AMG CHKD BY: JAR DATE: 02/24 SCALE: N/A	CITY ENGINEER JOHN BOE	2024 SANITARY SEWER LINING UTILITY PLAN BILLIAR ALLEY AREA 1/2
REVISED 1 01/09/2011 2 3 4 5 6 7 8 9 10 SHEET 6 of 34			

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SEE SHEET 6



LEGEND

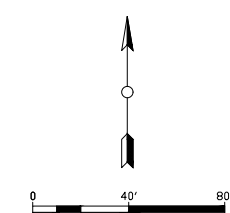
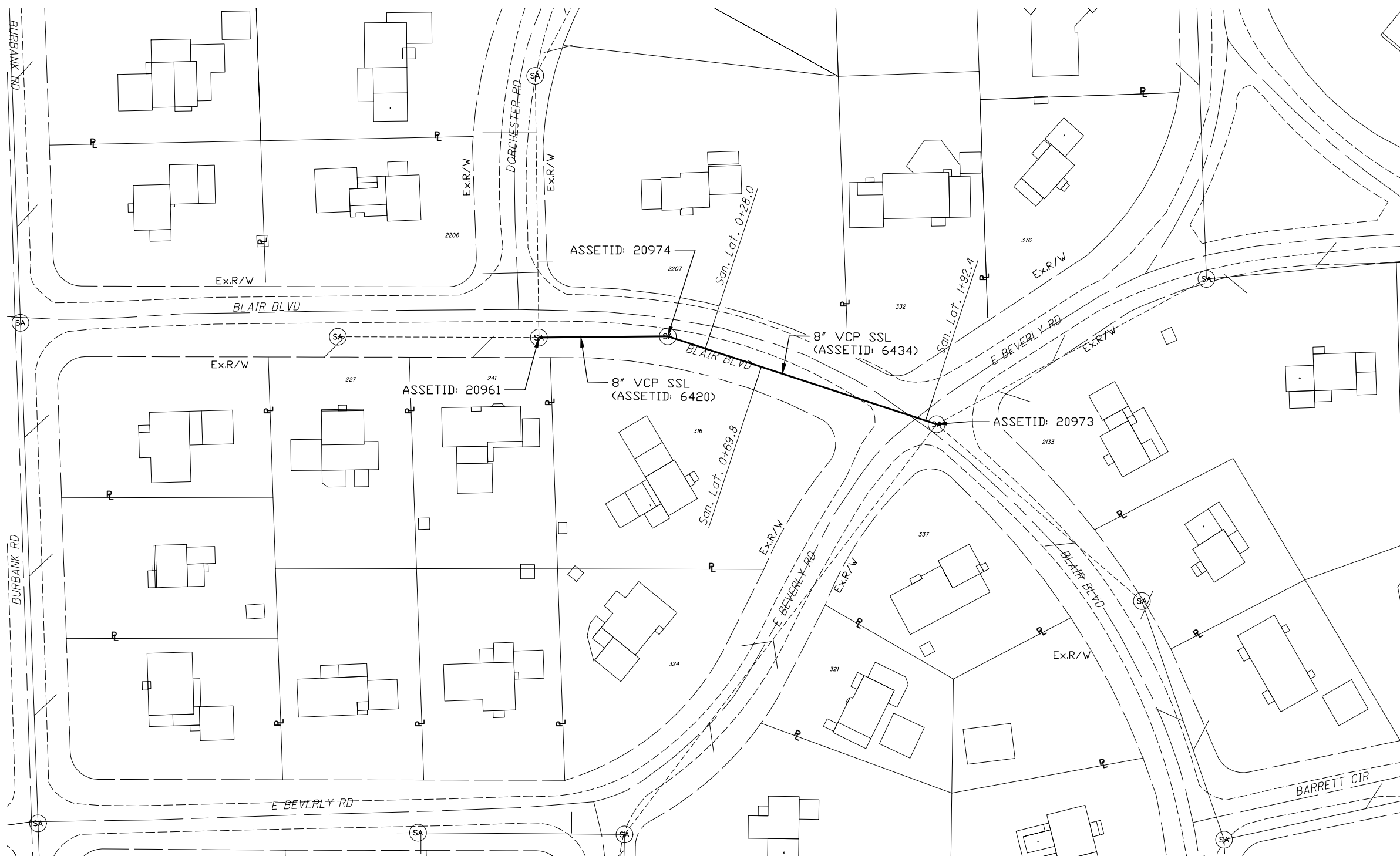
- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (SA) 5000
- Address
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (P)
- Ex. Sanitary Sewer (—)
- Ex. Sanitary Lateral (---)
- Property Line (---)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

NOTES:
1. SEE PROJECT NOTES 8 AND 9 ON SHEET 2.

CITY OF WOOSTER DIVISION OF ENGINEERING	DATE 02/24	SCALE N/A	APPROVED BY JAR
2024 SANITARY SEWER LINING UTILITY PLAN BILLIAR ALLEY AREA 2/2			
DRWN BY: CHKO AMG DATE: 02/24 SCALE: N/A CITY ENGINEER: JOHN BOE			
REVISED			
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LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (---)
- Ex. Sanitary Sewer (---)
- Ex. Sanitary Lateral (---)
- Property Line (---)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

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AMG	---	JAR
DATE	02/24	SCALE
		N/A

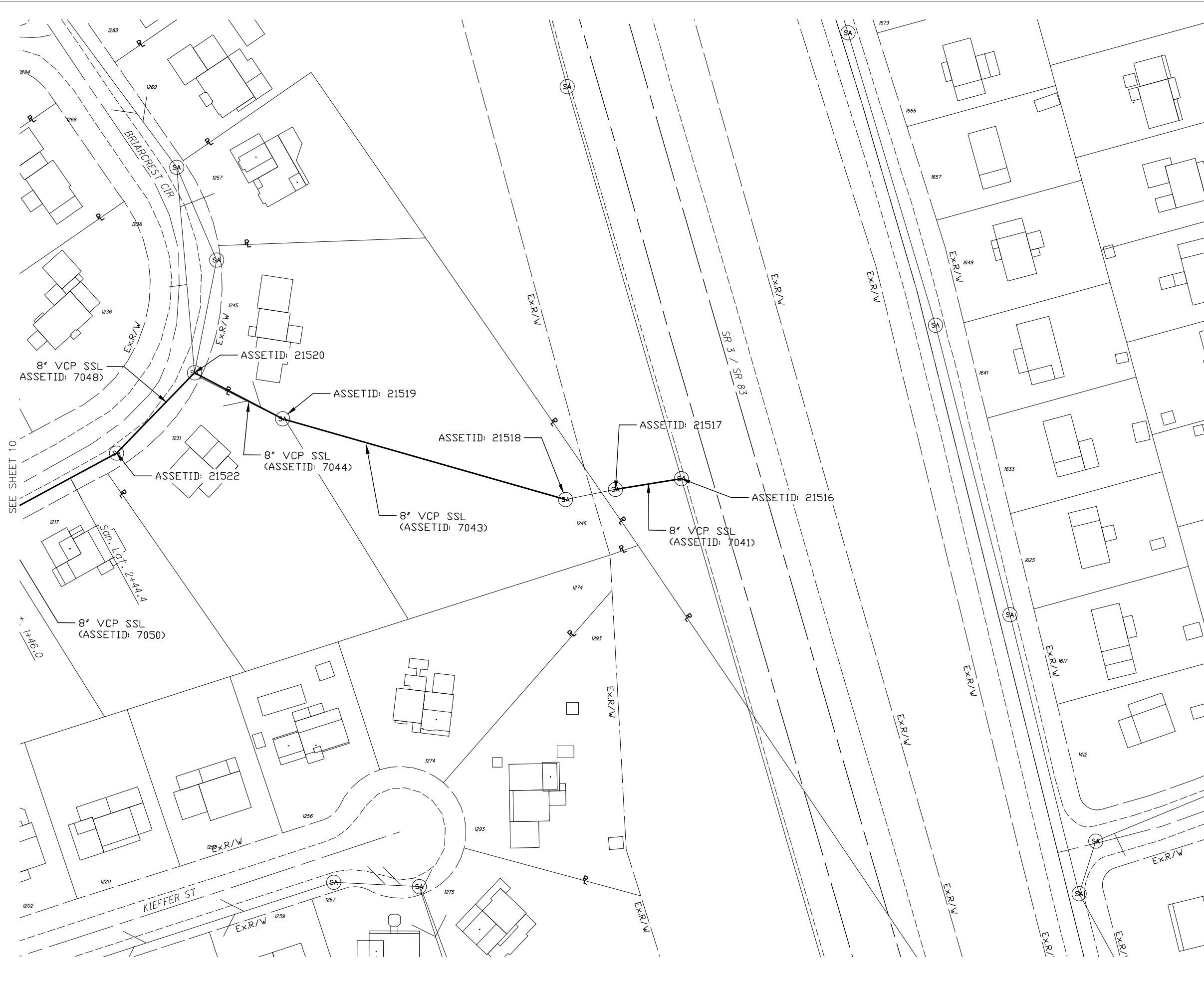
CITY OF WOOSTER
DIVISION OF ENGINEERING
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO NO. 44847
DATE: 02/24/2024
CITY ENGINEER JOHN ROSE



2024 SANITARY SEWER LINING
UTILITY PLAN
BLAIR BLVD.

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LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (---)
- Ex. Sanitary Sewer (---)
- Ex. Sanitary Lateral (---)
- Property Line (---)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:**
- SEE PROJECT NOTE 12 ON SHEET 2.

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AMG	---	JAR	02/24	N/A

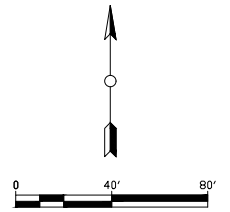
CITY OF WOOSTER
DIVISION OF ENGINEERING
CITY ENGINEER: JOHN BOE
PROJECT NO: 2024-001

2024 SANITARY SEWER LINING
UTILITY PLAN
BRIARCREST CIRCLE AND S.R. 3/83

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SHEET
9 of 34

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LEGEND

- Sanitary Lateral is Capped (SA) *
- Sanitary Lateral Protrudes into Sewer Main (P) 5000
- Address (A)
- Ex. Sanitary Manhole (SM)
- Ex. Sanitary Sewer to be Lined (SS)
- Ex. Sanitary Sewer (S)
- Ex. Sanitary Lateral (SL)
- Property Line (PL)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

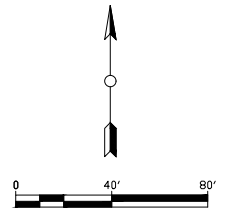
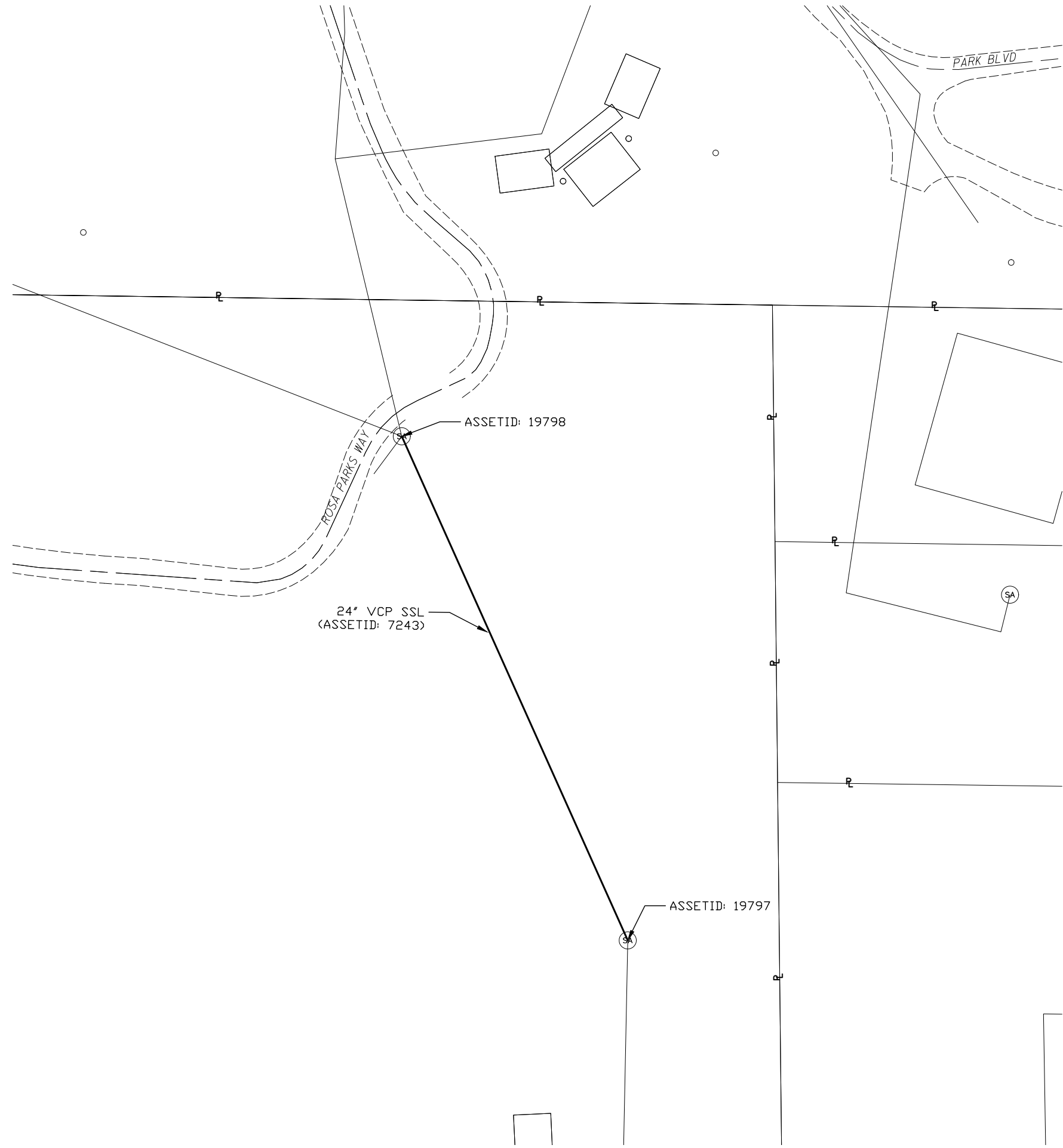
DRWN BY	CHKD BY	APPROV BY
AMG	---	JAR
DATE	02/24	SCALE
		N/A

CITY OF WOOSTER
 DIVISION OF ENGINEERING
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF OHIO No. 14848
 JOHN ROSE
 CITY ENGINEER



2024 SANITARY SEWER LINING
 UTILITY PLAN
 BRIARCREST CIRCLE AND SANDALWOOD DRIVE

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SHEET
10 of 34



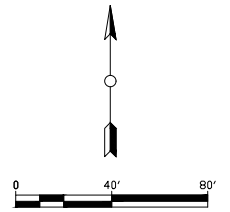
LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (thin solid line)
- Ex. Sanitary Lateral (dashed line)
- Property Line (dotted line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

		CITY OF WOOSTER DIVISION OF ENGINEERING <small>REGISTERED PROFESSIONAL ENGINEERS STATE OF OHIO No. 14881 JOHN RICE</small>	DRWN BY: AMG CHKD BY: JAR APPROV BY: N/A
2024 SANITARY SEWER LINING UTILITY PLAN CHRISTMAS RUN PARK		DATE: 02/24 SCALE: N/A	
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SHEET 11 of 34			

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LEGEND

- Sanitary Lateral is Capped * (⊖)
- Sanitary Lateral Protrudes into Sewer Main (⊖)
- Address 5000 (SA)
- Ex. Sanitary Manhole (⊖)
- Ex. Sanitary Sewer to be Lined (—)
- Ex. Sanitary Sewer (—)
- Ex. Sanitary Lateral (---)
- Property Line (—)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

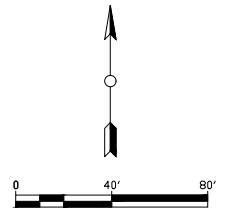
DRWN BY	CHKD BY	APPRVD BY
AMG	—	JAR
DATE	02/24	SCALE
		N/A

CITY OF WOOSTER
DIVISION OF ENGINEERING
REGISTERED PROFESSIONAL ENGINEERS
 STATE OF OHIO LICENSE NO. 14527 JOHN RICE



**2024 SANITARY SEWER LINING
 UTILITY PLAN
 FOREST DRIVE**

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SHEET
12 of 34



LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (SA)
- Address 5000
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dotted line)
- Property Line (dash-dot line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

CITY OF WOOSTER
 DIVISION OF ENGINEERING
 REGISTERED PROFESSIONAL ENGINEERS
 STATE OF OHIO
 No. 12474
 JOHN ROSE
 CITY ENGINEER

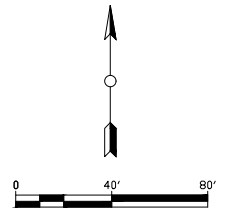
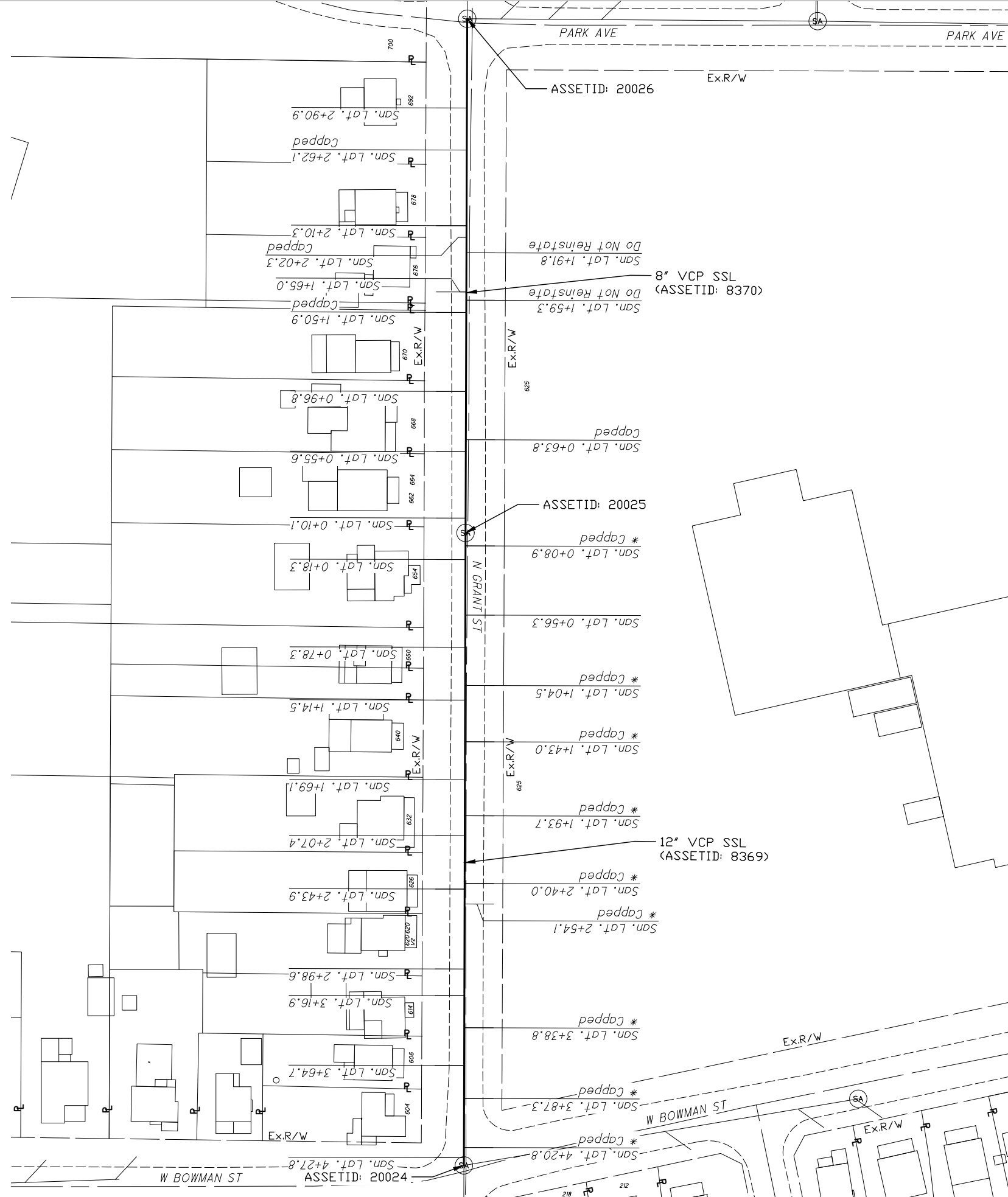
2024 SANITARY SEWER LINING
 UTILITY PLAN
 FOSTER PATH

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SHEET
13 of 34

DRWN BY	CHKD BY	APPROV BY
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DATE	02/24	SCALE
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LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main Address 5000 (SA)
- Ex. Sanitary Manhole
- Ex. Sanitary Sewer to be Lined
- Ex. Sanitary Sewer
- Ex. Sanitary Lateral
- Property Line

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:
- SEE PROJECT NOTE 10 ON SHEET 2.

DRWN BY	CHKD BY	APPROV BY	SCALE
AMG	---	JAR	N/A
DATE	02/24		

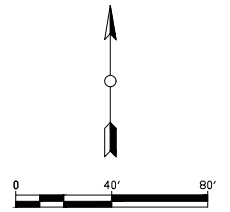
CITY OF WOOSTER
DIVISION OF ENGINEERING
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO NO. 14484
JOHN ROSE
CITY ENGINEER

2024 SANITARY SEWER LINING
UTILITY PLAN
N GRANT STREET

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SHEET 14 of 34

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LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main Address 5000 (SA)
- Ex. Sanitary Manhole (M)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dotted line)
- Property Line (dash-dot line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

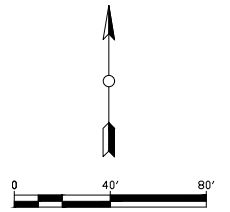
DRAWN BY: CHKD BY: APPROVED BY:
 SLG: JAR
 DATE: 02/24
 SCALE: N/A
 CITY OF WOOSTER
 DIVISION OF ENGINEERING
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF OHIO NO. 14887
 JOHN RICE
 CITY ENGINEER

2024 SANITARY SEWER LINING
 UTILITY PLAN
 HEDGECLIFF DRIVE TO MCNUTT DRIVE

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SHEET 15 of 34

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LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (SA)
- Address 5000
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dotted line)
- Property Line (thin solid line)

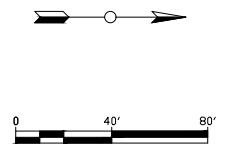
LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:**
- SEE PROJECT NOTE 12 ON SHEET 2.

DRWN BY: SLG
 CHKD BY: JAR
 DATE: 02/24
 SCALE: N/A
 CITY ENGINEER: JOHN BOE
 CITY OF WOOSTER
 DIVISION OF ENGINEERING
 PROJECT NO: 2024-0003
 SHEET NO: 16 OF 34

**2024 SANITARY SEWER LINING
 UTILITY PLAN
 HEDGECLIFF DRIVE TO 3/83**

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SHEET
16 of 34

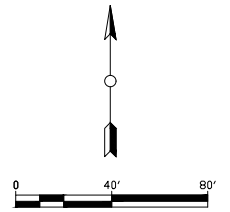
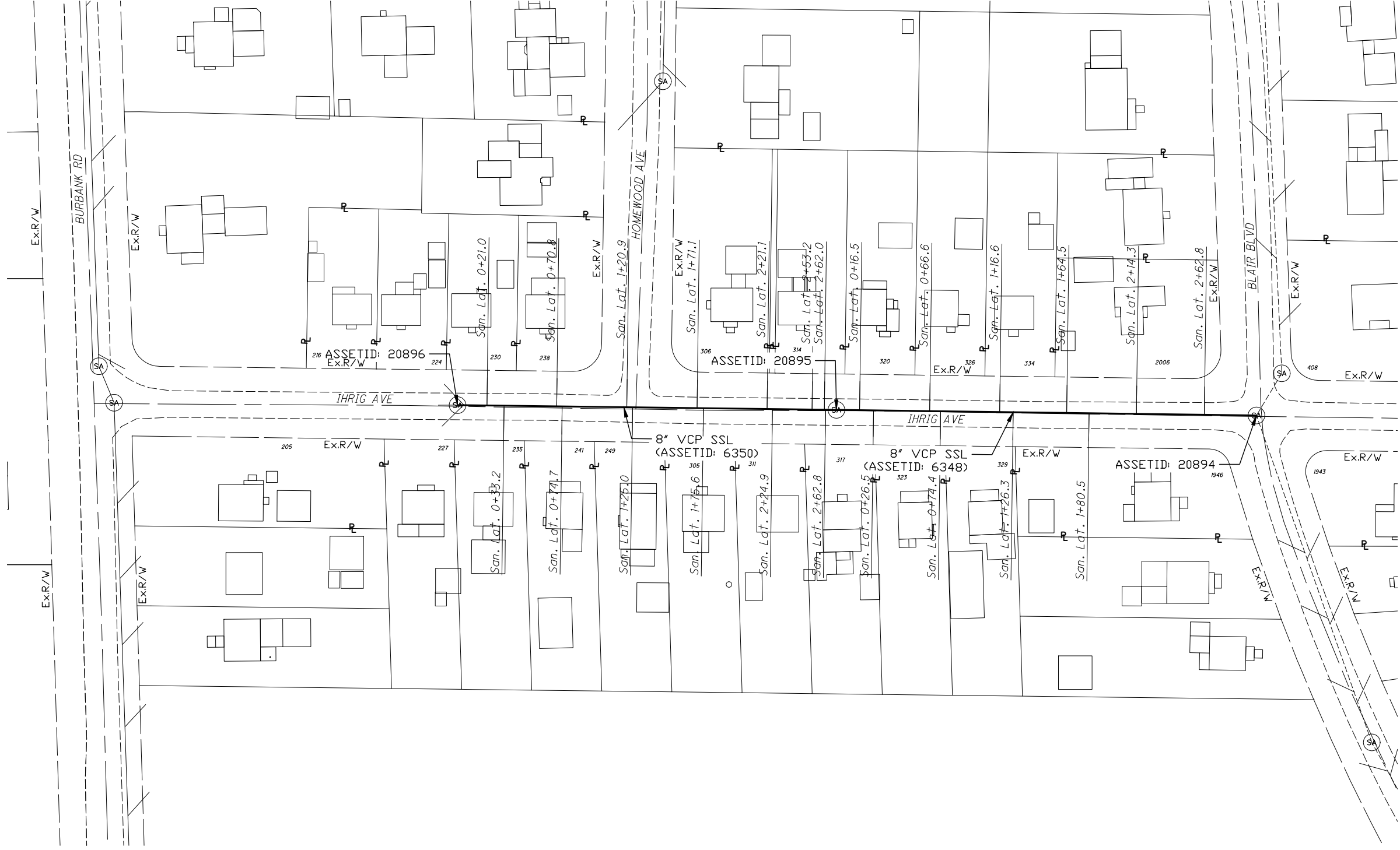


LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (SA)
- Address 5000
- Ex. Sanitary Manhole (P)
- Ex. Sanitary Sewer to be Lined (SA)
- Ex. Sanitary Sewer (---)
- Ex. Sanitary Lateral (---)
- Property Line (---)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

CITY OF WOOSTER DIVISION OF ENGINEERING <small>REGISTERED PROFESSIONAL ENGINEERS STATE OF OHIO LICENSE NO. 1000000001 JOHN RICE CITY ENGINEER john@woosterohio.com</small>		DRAWN BY: AMG CHECKED BY: JAR DATE: 02/24 SCALE: N/A
2024 SANITARY SEWER LINING UTILITY PLAN HEMLOCK DRIVE		
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SHEET		17 of 34



LEGEND

- Sanitary Lateral is Capped * (⊕)
- Sanitary Lateral Protrudes into Sewer Main (⊕)
- Address 5000 (SA)
- Ex. Sanitary Manhole (⊕)
- Ex. Sanitary Sewer to be Lined (—)
- Ex. Sanitary Sewer (—)
- Ex. Sanitary Lateral (---)
- Property Line (---)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

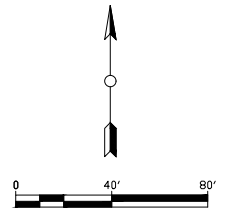
DRWN BY	CHKD BY	APPRVD BY
AMG	---	JAR
DATE	02/24	SCALE
		N/A

CITY OF WOOSTER
DIVISION OF ENGINEERING
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO No. 44847
Exp. 03/31/2025
JOHN BOE CITY ENGINEER



2024 SANITARY SEWER LINING
UTILITY PLAN
IHRIG AVENUE

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18 of 34



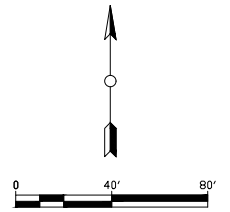
LEGEND

- Sanitary Lateral is Capped * (⊕)
- Sanitary Lateral Protrudes into Sewer Main (⊕)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (—)
- Ex. Sanitary Sewer (---)
- Ex. Sanitary Lateral (---)
- Property Line (---)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:
- SEE PROJECT NOTE 13 ON SHEET 2.

CITY OF WOOSTER DIVISION OF ENGINEERING <small>300 N. MARKET ST. WOOSTER, OHIO 44691 PHONE: (330) 249-2521 FAX: (330) 249-2521 JOHN ROSE CITY ENGINEER jrose@wooster.com</small>	DRWN BY: AMG CHKD BY: JAR DATE: 02/24 SCALE: N/A	APPROVED BY: JAR DATE: 02/24 SCALE: N/A	2024 SANITARY SEWER LINING UTILITY PLAN JANE STREET
REVISED 1 01/05/2011 2 3 4 5 6 7 8 9 10 SHEET 19 of 34			




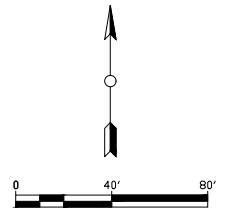
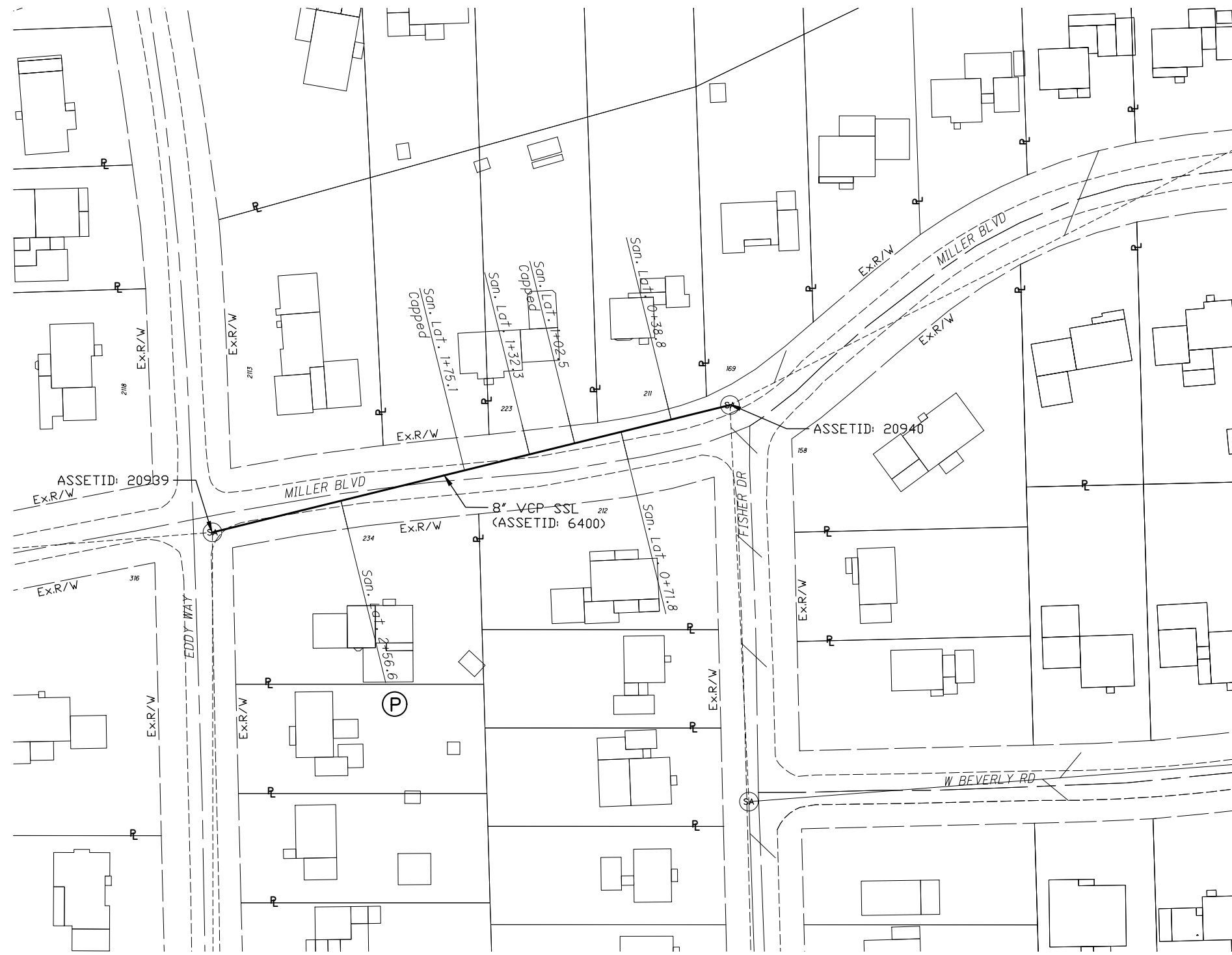
LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole
- Ex. Sanitary Sewer to be Lined
- Ex. Sanitary Sewer
- Ex. Sanitary Lateral
- Property Line

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:
- SEE PROJECT NOTES 9 AND 11 ON SHEET 2.

	CITY OF WOOSTER DIVISION OF ENGINEERING <small>REGISTERED PROFESSIONAL ENGINEERS STATE OF OHIO LICENSE NO. 94387 JOHN RICE, CITY ENGINEER</small>	DRWN BY: AMG CHKD BY: JAR DATE: 02/24 SCALE: N/A	
2024 SANITARY SEWER LINING UTILITY PLAN W LIBERTY STREET			
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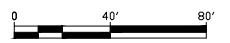
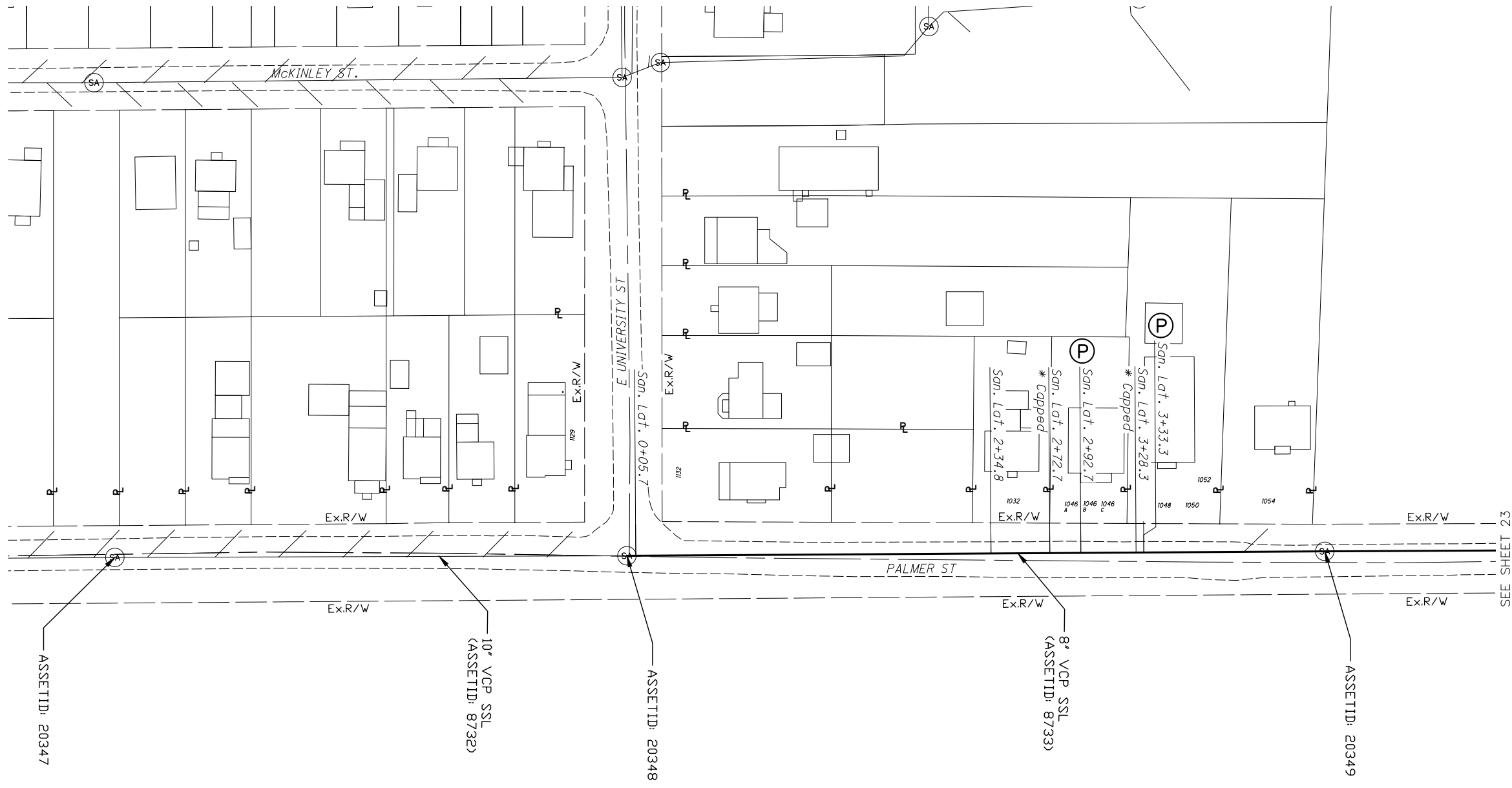
- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (S)
- Address 5000
- Ex. Sanitary Manhole
- Ex. Sanitary Sewer to be Lined
- Ex. Sanitary Sewer
- Ex. Sanitary Lateral
- Property Line

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

REVISED		DATE		APPROVED BY	
1	04/02/2021	DATE	02/24	AMG	JAR
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3		DATE	02/24	AMG	JAR
4		DATE	02/24	AMG	JAR
5		DATE	02/24	AMG	JAR
6		DATE	02/24	AMG	JAR
7		DATE	02/24	AMG	JAR
8		DATE	02/24	AMG	JAR
9		DATE	02/24	AMG	JAR
10		DATE	02/24	AMG	JAR
SHEET	DATE		02/24	AMG	JAR
21	DATE		02/24	AMG	JAR

2024 SANITARY SEWER LINING
UTILITY PLAN
MILLER BLVD.

CITY OF WOOSTER
DIVISION OF ENGINEERING
300 N. MARKET ST. WOOSTER, OHIO 44691
 (330) 265-2400
 JOHN ROSE, CITY ENGINEER



LEGEND

- Sanitary Lateral is Capped (Symbol: SA with asterisk)
- Sanitary Lateral Protrudes into Sewer Main (Symbol: SA with circle)
- Address (Symbol: P)
- Ex. Sanitary Manhole (Symbol: SA)
- Ex. Sanitary Sewer to be Lined (Symbol: Solid line)
- Ex. Sanitary Sewer (Symbol: Dashed line)
- Ex. Sanitary Lateral (Symbol: Dotted line)
- Property Line (Symbol: Long-dashed line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:
- SEE PROJECT NOTE 8 ON SHEET 2.

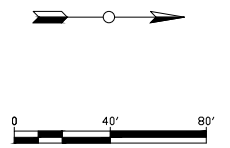
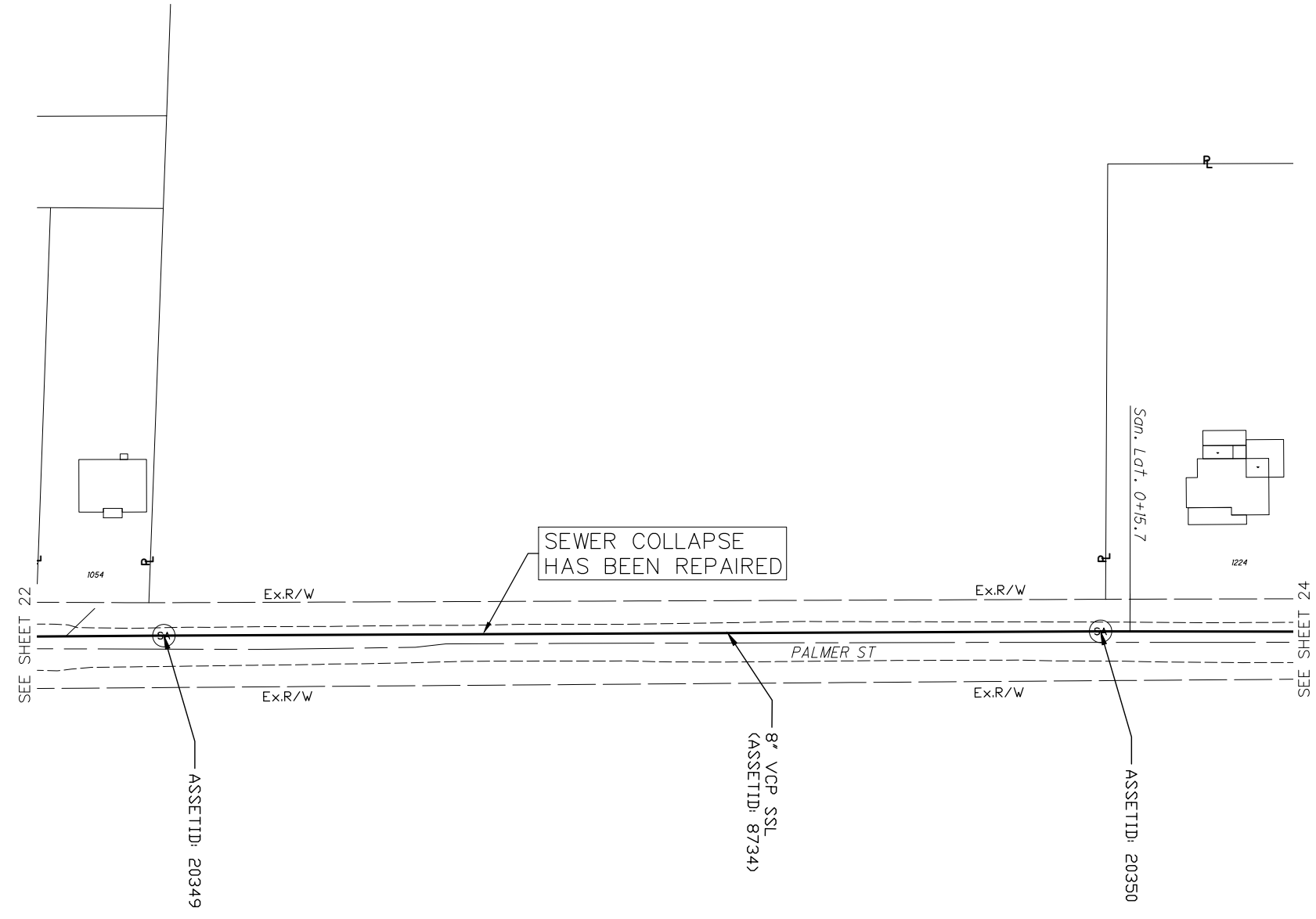
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22 of 34	02/24		N/A		

2024 SANITARY SEWER LINING

UTILITY PLAN

PALMER STREET 1/3

CITY OF WOOSTER
DIVISION OF ENGINEERING
DATE: 02/24/2024
BY: JAR
CHKD BY: JAR
APPROV BY: JAR
SCALE: N/A



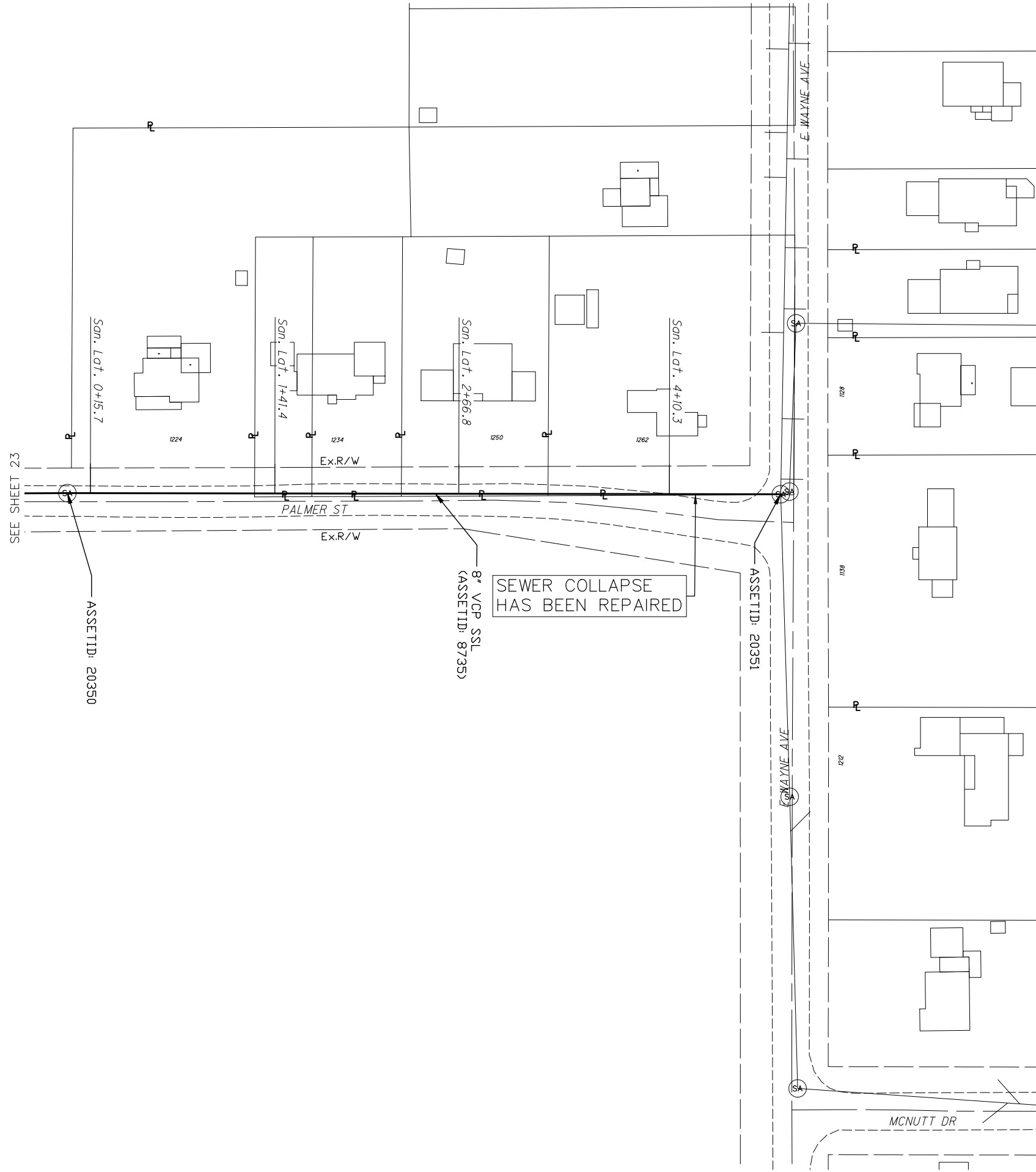
LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (S)
- Ex. Sanitary Manhole (S)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dotted line)
- Property Line (long dashed line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

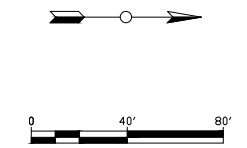
- NOTES:
- SEE PROJECT NOTE 8 ON SHEET 2.

	DRWN BY AMG	CHKD BY ---	APPRVD BY JAR	DATE 02/24	SCALE N/A
CITY OF WOOSTER DIVISION OF ENGINEERING JOHN BOE CITY ENGINEER					
2024 SANITARY SEWER LINING UTILITY PLAN PALMER STREET 2/3					
REVISED 1 01/02/2011 2 3 4 5 6 7 8 9 10 SHEET 23 of 34					



SEE SHEET 23

NOTES:
1. SEE PROJECT NOTE 8 ON SHEET 2.



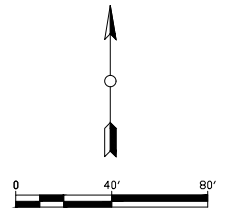
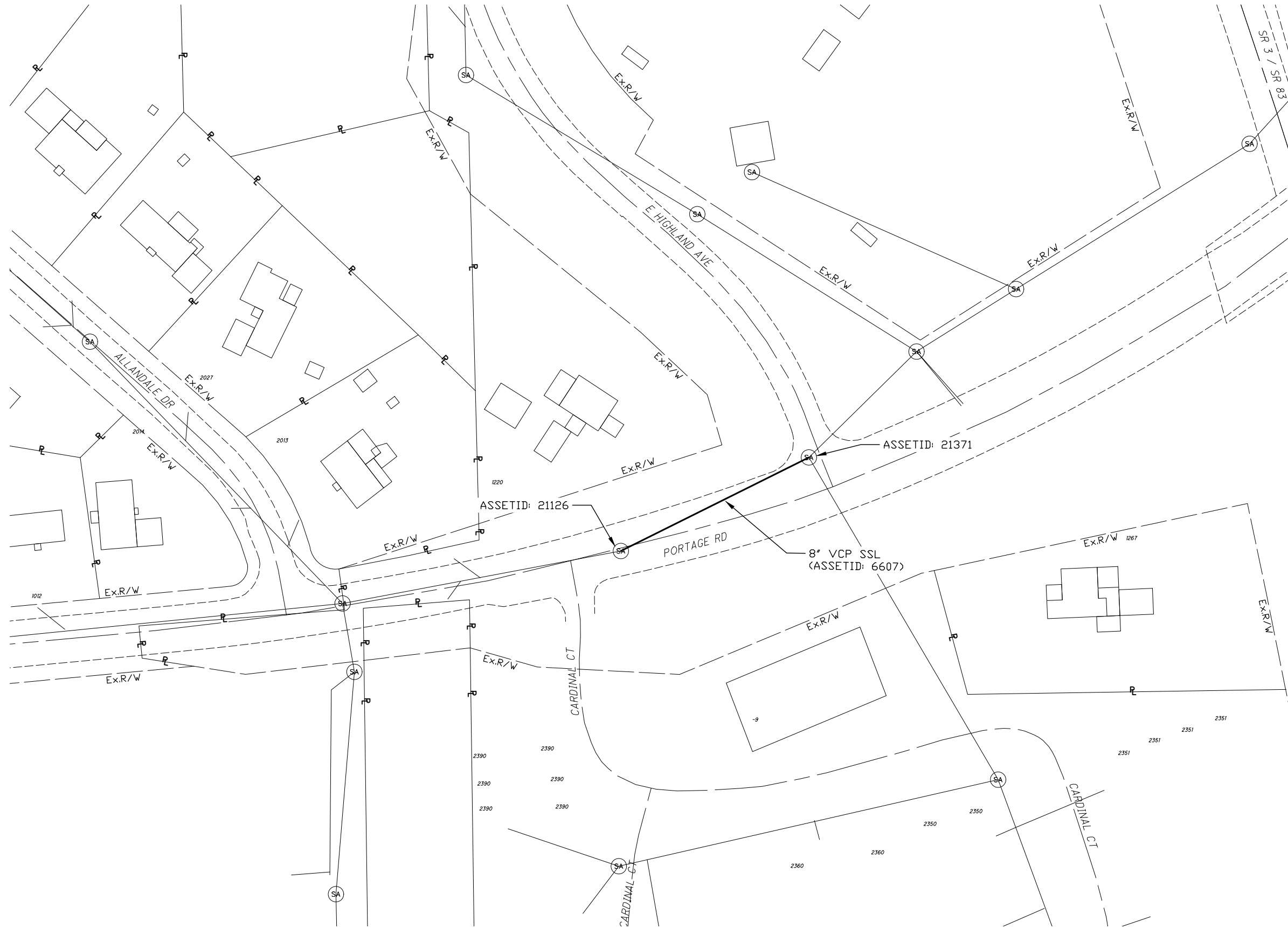
LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dotted line)
- Property Line (long dashed line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

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SHEET	2024 SANITARY SEWER LINING		UTILITY PLAN		02/24
24 of 34	PALMER STREET 3/3		CITY OF WOOSTER		N/A

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LEGEND

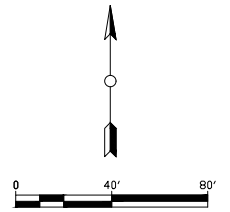
- Sanitary Lateral is Capped (Symbol: circle with a star)
- Sanitary Lateral Protrudes into Sewer Main (Symbol: circle with a star and a horizontal line)
- Address (Symbol: circle with the number 5000)
- Ex. Sanitary Manhole (Symbol: circle with 'SM')
- Ex. Sanitary Sewer to be Lined (Symbol: solid line)
- Ex. Sanitary Sewer (Symbol: dashed line)
- Ex. Sanitary Lateral (Symbol: long-dashed line)
- Property Line (Symbol: thin solid line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:
- SEE PROJECT NOTE 9 ON SHEET 2.

<p>DRWN BY: AMG</p> <p>CHKD BY: JAR</p> <p>APPRD BY: JAR</p>	<p>DATE: 02/24</p> <p>SCALE: N/A</p>	<p>CITY OF WOOSTER</p> <p>DIVISION OF ENGINEERING</p> <p>REGISTERED PROFESSIONAL ENGINEERS</p> <p>STATE OF OHIO LICENSE NO. 14487</p> <p>1700 EAST 24th STREET</p> <p>WOOSTER, OHIO 44691</p> <p>JOHN BOE, CITY ENGINEER</p>																						
<p>2024 SANITARY SEWER LINING</p> <p>UTILITY PLAN</p> <p>PORTAGE ROAD</p>																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">REVISED</th> <th style="width: 95%;"></th> </tr> </thead> <tbody> <tr><td>1</td><td>01/05/2011</td></tr> <tr><td>2</td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> <tr><td>6</td><td></td></tr> <tr><td>7</td><td></td></tr> <tr><td>8</td><td></td></tr> <tr><td>9</td><td></td></tr> <tr><td>10</td><td></td></tr> </tbody> </table>			REVISED		1	01/05/2011	2		3		4		5		6		7		8		9		10	
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LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (---)
- Ex. Sanitary Sewer (---)
- Ex. Sanitary Lateral (---)
- Property Line (---)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

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1	01/05/2011	AMG	---	JAR	SCALE
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26 of 34					02/24

2024 SANITARY SEWER LINING
UTILITY PLAN
RAMBLEWOOD DRIVE

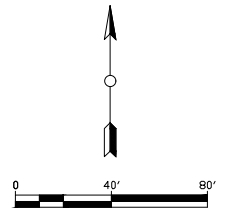
CITY OF WOOSTER
DIVISION OF ENGINEERING

STATE OF OHIO LICENSE NO. 14887
 JOHN RICE, P.E. CIVIL ENGINEER



LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (SA)
- Address 5000
- Ex. Sanitary Manhole
- Ex. Sanitary Sewer to be Lined
- Ex. Sanitary Sewer
- Ex. Sanitary Lateral
- Property Line



LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

NOTES:
THE WATER SERVICE PIPES THAT ARE SHOWN IN THE VIDEO HAVE SINCE BEEN REMOVED AND THE SEWER PIPES REPAIRED.

CITY OF WOOSTER
 DIVISION OF ENGINEERING
 100 EAST MAIN ST
 WOOSTER, OHIO 44691
 (330) 265-2451
 JOHN REE
 CITY ENGINEER

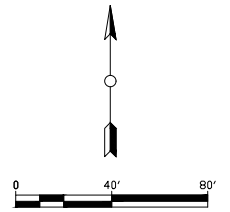
2024 SANITARY SEWER LINING
 UTILITY PLAN
 E SOUTH STREET

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SHEET
 27 of 34

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AMG	---	JAR
DATE	02/24	SCALE
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LEGEND

- Sanitary Lateral is Capped *
- Sanitary Lateral Protrudes into Sewer Main ⊕
- Address 5000
- Ex. Sanitary Manhole ⊙
- Ex. Sanitary Sewer to be Lined —
- Ex. Sanitary Sewer ---
- Ex. Sanitary Lateral ---
- Property Line ---

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

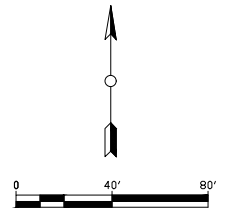
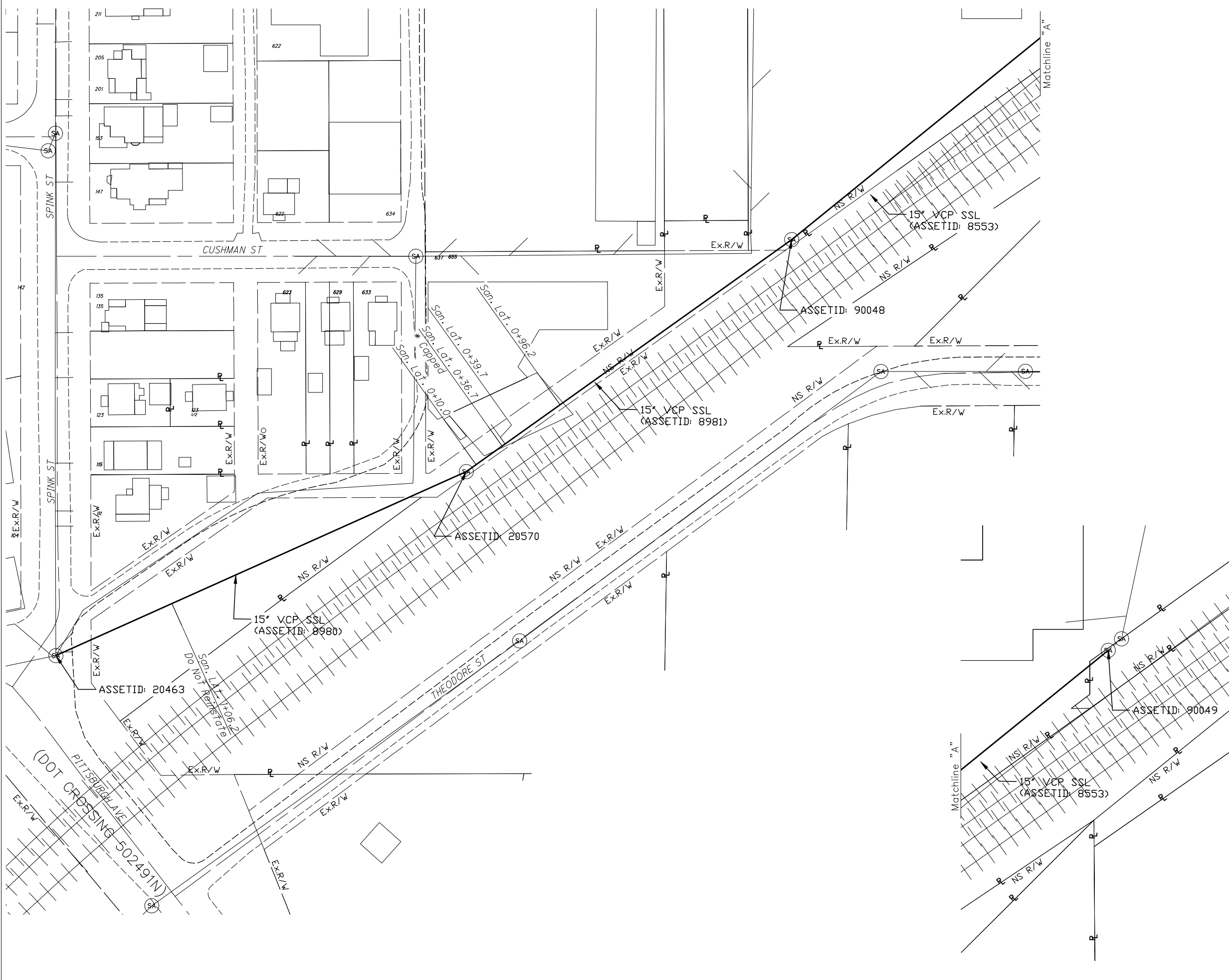
- NOTES:**
- SEE PROJECT NOTE 11 ON SHEET 2.

DRWN BY: AMG
 CHKD BY: JAR
 APPROV BY: JAR
 DATE: 02/24
 SCALE: N/A
 CITY OF WOOSTER
 DIVISION OF ENGINEERING
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF OHIO NO. 44887
 JOHN ROSE
 CITY ENGINEER

**2024 SANITARY SEWER LINING
 UTILITY PLAN
 W SOUTH STREET**

REVISED
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SHEET
28 of 34

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LEGEND

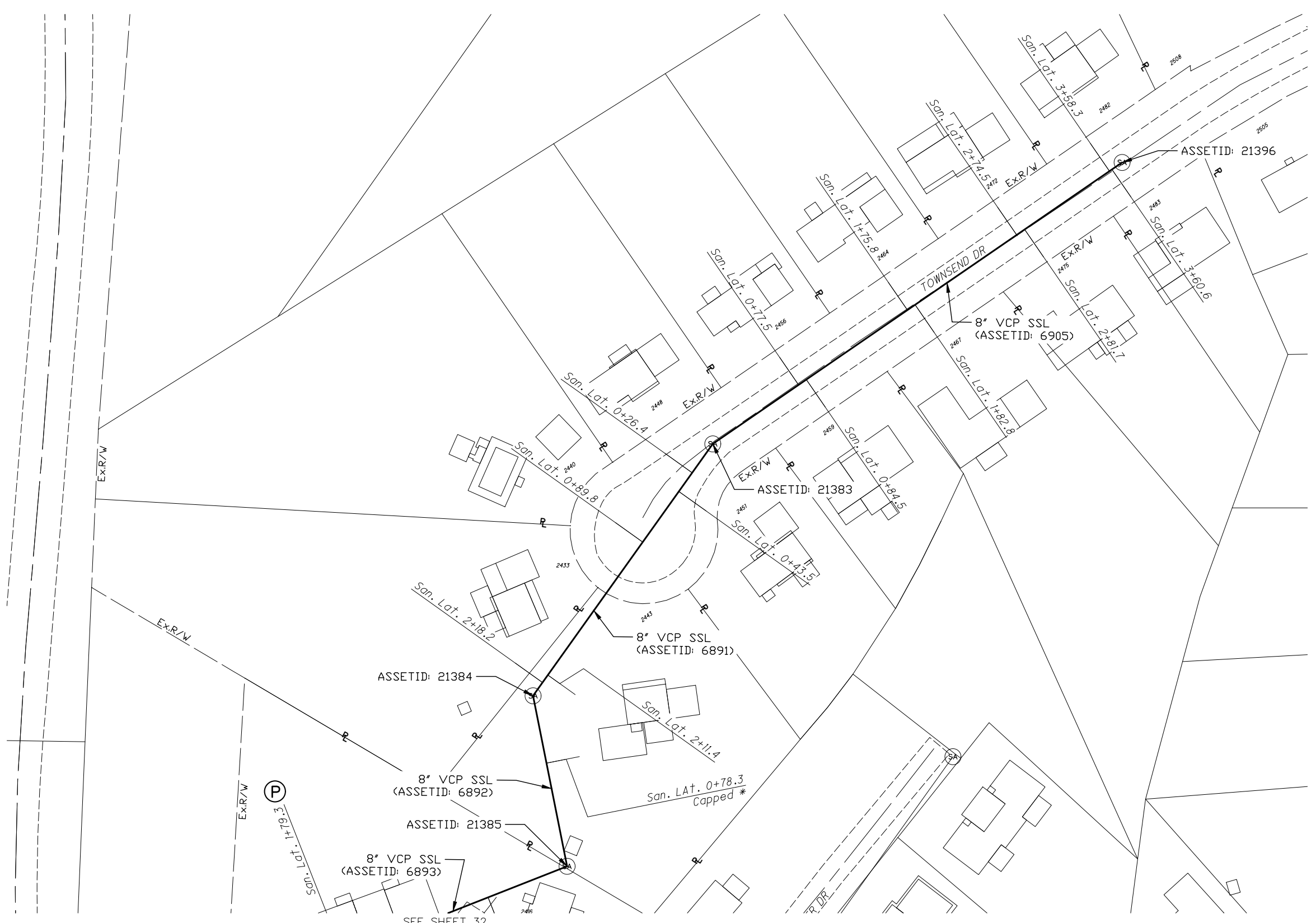
- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (SA)
- Ex. Sanitary Sewer (---)
- Ex. Sanitary Lateral (---)
- Property Line (---)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:
- ALL WORK SHALL BE DONE FROM OUTSIDE OF THE NORFOLK SOUTHERN (NS) RIGHT-OF-WAY.

CITY OF WOOSTER DIVISION OF ENGINEERING <small>300 N. MARKET ST. WOOSTER, OHIO 44691 P.O. BOX 10000 WOOSTER, OHIO 44691 JOHN RICE CITY ENGINEER</small>	DRWN BY: AMG CHKD BY: JAR DATE: 02/24 SCALE: N/A	2024 SANITARY SEWER LINING UTILITY PLAN THEODORE STREET AREA
REVISED 1 01/01/2011 2 3 4 5 6 7 8 9 10 SHEET 29 of 34		

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LEGEND

- Sanitary Lateral is Capped (P)
- Sanitary Lateral Protrudes into Sewer Main (SA)
- Address (5000)
- Ex. Sanitary Manhole (M)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dotted line)
- Property Line (thin solid line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

DRWN BY	CHKD BY	APPROV BY
AMG	---	JAR
DATE	02/24	SCALE
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CITY OF WOOSTER
DIVISION OF ENGINEERING
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO - LICENSE NO. 14484
JOHN BOE CITY ENGINEER

2024 SANITARY SEWER LINING
UTILITY PLAN
TOWNSEND DRIVE

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SHEET
30 of 34

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LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (SA)
- Address 5000
- Ex. Sanitary Manhole
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dash-dot line)
- Property Line (dotted line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

DRWN BY	CHKD BY	APPROV BY
AMG	---	JAR
DATE	02/24	SCALE
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CITY OF WOOSTER
DIVISION OF ENGINEERING
300 N. MARKET ST.
WOOSTER, OHIO 44691
PH: 330.249.4551
WWW.WOOSTEROHIO.GOV
CITY ENGINEER JOHN ROSE

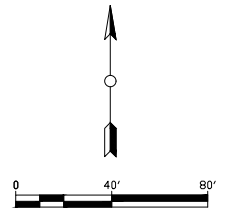
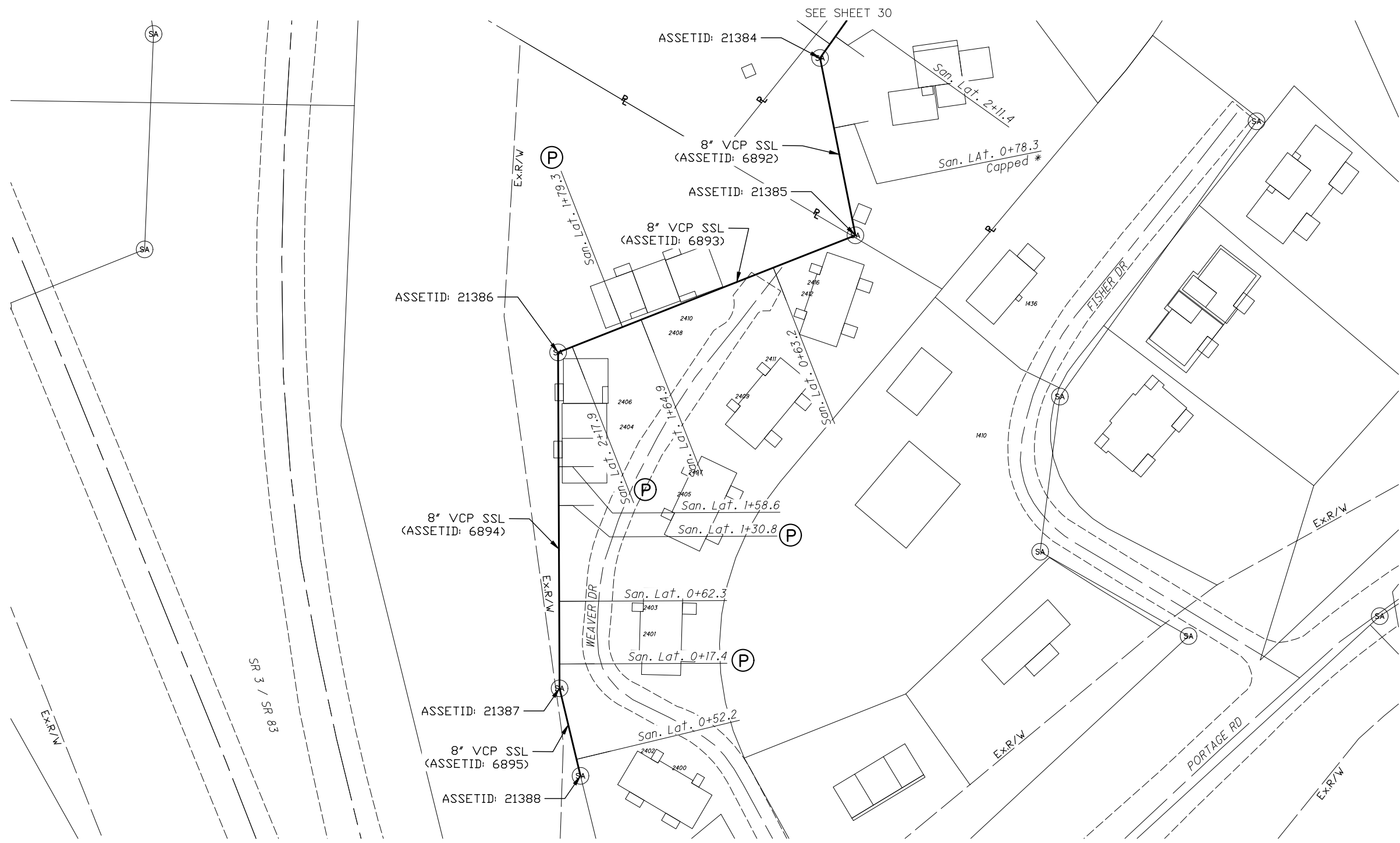


**2024 SANITARY SEWER LINING
UTILITY PLAN
WASHINGTON STREET**

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SHEET
31 of 34

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LEGEND

- Sanitary Lateral is Capped * (Symbol: circle with asterisk)
- Sanitary Lateral Protrudes into Sewer Main (Symbol: circle with 'P')
- Address 5000 (Symbol: circle with 'SA')
- Ex. Sanitary Manhole (Symbol: circle with 'P')
- Ex. Sanitary Sewer to be Lined (Symbol: solid line)
- Ex. Sanitary Sewer (Symbol: dashed line)
- Ex. Sanitary Lateral (Symbol: long-dashed line)
- Property Line (Symbol: thin solid line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

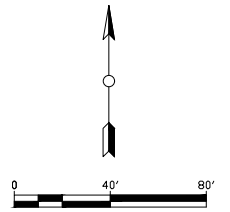
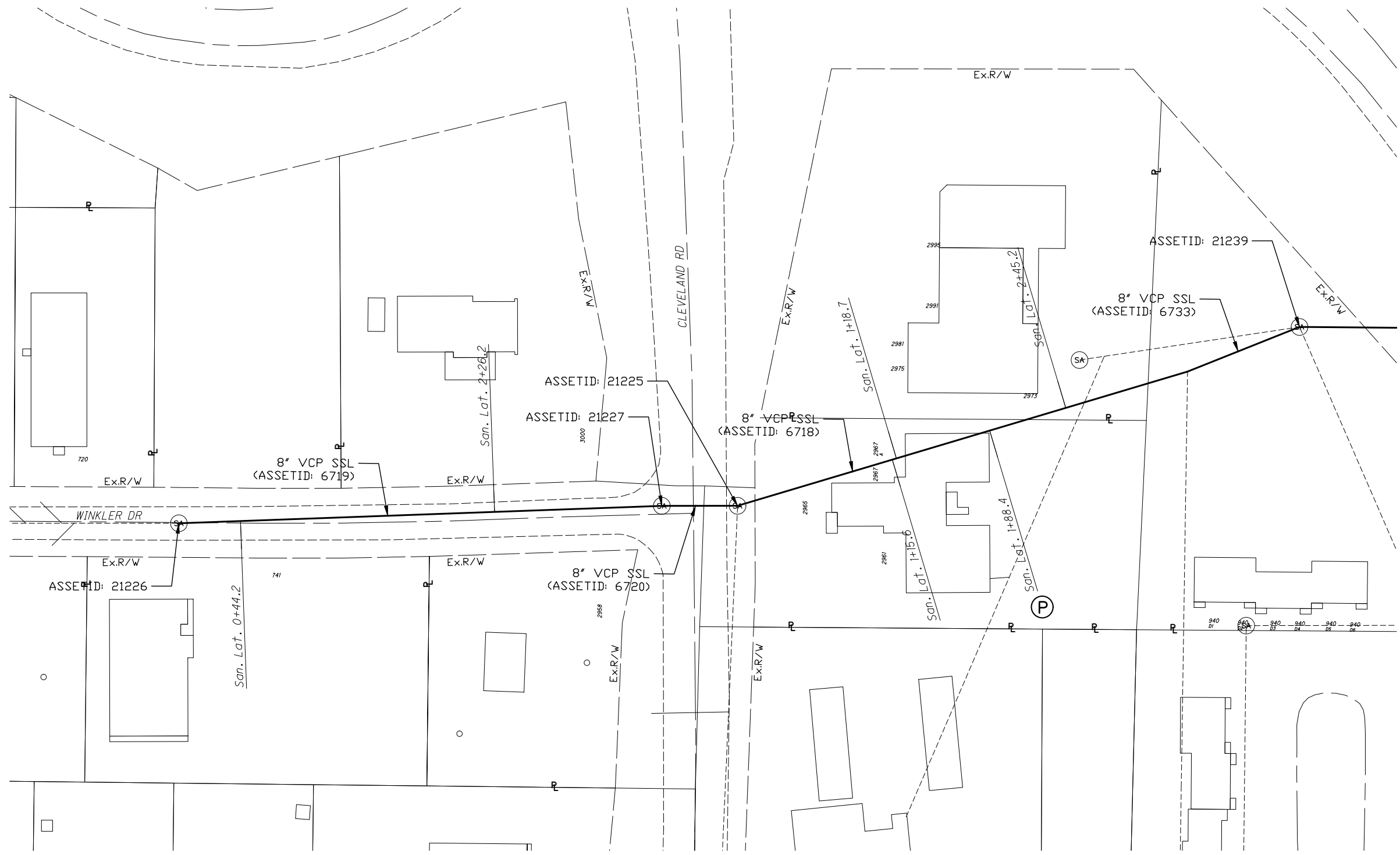
DRWN BY	CHKD BY	APPROV BY
AMG	--	JAR
DATE	02/24	SCALE
		N/A

CITY OF WOOSTER
DIVISION OF ENGINEERING
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO No. 14484
DATE: 02/24/2024
PROJECT: 2024 SANITARY SEWER LINING
CITY ENGINEER JOHN ROSE



2024 SANITARY SEWER LINING
UTILITY PLAN
WEAVER DRIVE

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SHEET
32 of 34



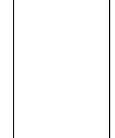
LEGEND

- Sanitary Lateral is Capped * (Symbol: circle with asterisk)
- Sanitary Lateral Protrudes into Sewer Main (Symbol: circle with P)
- Address 5000 (Symbol: circle with SA)
- Ex. Sanitary Manhole (Symbol: circle with P)
- Ex. Sanitary Sewer to be Lined (Symbol: thick solid line)
- Ex. Sanitary Sewer (Symbol: thin solid line)
- Ex. Sanitary Lateral (Symbol: dashed line)
- Property Line (Symbol: long-dashed line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

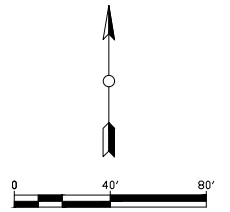
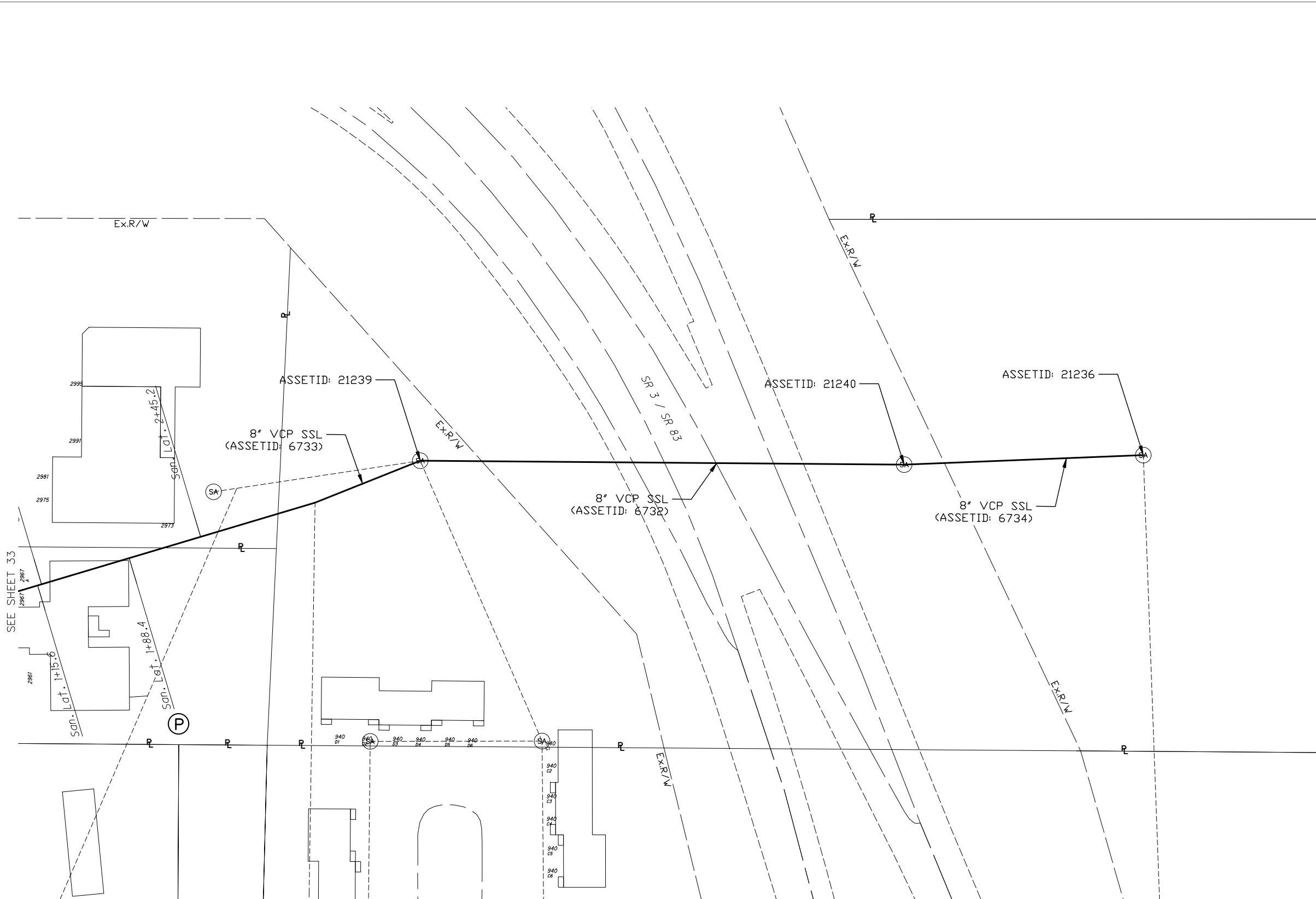
- NOTES:**
- SEE PROJECT NOTE 9 ON SHEET 2.

DRWN BY: AMG
 CHKD BY: JAR
 DATE: 02/24
 SCALE: N/A
 CITY OF WOOSTER
 DIVISION OF ENGINEERING
 JOHN BOE
 CITY ENGINEER
 708@wooster.com



2024 SANITARY SEWER LINING
UTILITY PLAN
WINKLER DRIVE TO S.R. 83 1/2

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10
SHEET 33 of 34



LEGEND

- Sanitary Lateral is Capped * (P)
- Sanitary Lateral Protrudes into Sewer Main (P)
- Address 5000 (SA)
- Ex. Sanitary Manhole (SA)
- Ex. Sanitary Sewer to be Lined (thick solid line)
- Ex. Sanitary Sewer (dashed line)
- Ex. Sanitary Lateral (dashed line)
- Property Line (dashed line)

LATERAL STATIONING SHOWN IS THE FOOTAGE FOR THAT SECTION OF SEWER PER THE PIPE REPORTS, ALONG THE DIRECTION OF THE VIDEO.

- NOTES:
- SEE PROJECT NOTE 12 ON SHEET 2.

SEE SHEET 33

DRWN BY	CHKD BY	APPROV BY
AMG	---	JAR
DATE	02/24	SCALE
		N/A

CITY OF WOOSTER
DIVISION OF ENGINEERING
JOHN BOE
CITY ENGINEER

2024 SANITARY SEWER LINING
UTILITY PLAN
WINKLER DRIVE TO S.R. 83 2/2

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SHEET
34 of 34