

# DRAWING INDEX

SHEET NO. TITLE

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# PIONEER POINTE CONSTRUCTION PLANS

## TOWN OF MIDDLETON DANE COUNTY, WISCONSIN

OCTOBER 2020

CITY OF MADISON (SANITARY SEWER IMPROVEMENTS ONLY)  
CITY PROJECT NO. 12112



PROJECT AREA

SCALE: 1"=1000'



ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE STANDARDS AND SPECIFICATIONS.



# PROJECT CONTACTS

TOWN OF MIDDLETON  
TOWN ENGINEER - VIERBICHER (ROD ZUBELLA, P.E.)  
999 FOURIER DRIVE, SUITE 201  
MADISON, WI 53717  
RZUB@VIERBICHER.COM  
608-821-3968

GAS  
MADISON GAS AND ELECTRIC  
CONTACT: JOHN WICHERN  
623 RAILROAD STREET  
MADISON, WI 53703  
JWICHERN@MGE.COM  
608-252-1563

ELECTRIC  
ALLIANT ENERGY  
CONTACT: NICHOLAS NIEMANN  
2147 CTH PB  
VERONA, WI 53593  
NICHOLASNIEMANN@ALLIANTENERGY.COM  
608-845-1105 (OFFICE)  
608-501-9061 (CELL)

TELEPHONE  
TDS TELECOM  
CONTACT: JERRY MYERS  
525 JUNCTION ROAD  
MADISON, WI 53717  
JERRY.MYERS@TDSTELECOM.COM  
608-664-4404

CABLE TV  
CHARTER COMMUNICATIONS  
CONTACT: TIM WRIGHT  
2701 DANIELS STREET  
MADISON, WI 53718  
TIM.WRIGHT@CHARTERCOM.COM  
608-288-6825 (OFFICE)  
608-422-1883 (CELL)

SANITARY SEWER  
CITY OF MADISON  
CONTACT: MARK MODER  
210 MARTIN LUTHER KING JR. BLVD. ROOM 115  
MADISON, WI 53703-3342  
MMODER@CITYOFMADISON.COM  
608-261-9250

*EN- Greg Fries* 11/3/2020

## GENERAL NOTES

- BLUE TOPS AND RED TOPS ARE REQUIRED EVERY 50' FOR SUBGRADE AND BASE COURSE, RESPECTIVELY, AND SHALL HAVE A TOLERANCE OF ±0.05 FEET.
- THE TOWN REQUIRES ROLL TESTS OF SUB-GRADE WITH A LOADED TRI-AXLE DUMP TRUCK CARRYING A MINIMUM LOAD OF 18 TONS WITH THE TAG WHEELS UP. SOFT AREAS SHALL BE UNDERCUT TO AT LEAST 12" BELOW SUBGRADE AND REPLACED WITH 3" BREAKER RUN ROCK. RECOMMENDATIONS MADE BY THE TOWN OR ITS ENGINEER SHALL NOT RELIEVE THE CONTRACTOR FROM THEIR WARRANTY OBLIGATIONS AGAINST FAILURES. AT THE TOWN'S DISCRETION, A ROLL TEST OF THE FINISHED GRAVEL MAY ALSO BE REQUIRED. BLUE TOPS AND RED TOPS SHALL BE IN PLACE PRIOR TO BOTH THE SUB-GRADE AND BASE-COURSE ROLL TESTS. THESE SHALL ALSO BE WITHIN THE ALLOWABLE TOLERANCE. A LOAD TICKET TO VERIFY WEIGHT OF TRUCK WILL BE REQUIRED BEFORE EACH ROLL TEST AS WELL.
- THE TOWN REQUIRES A BINDER LIFT AND A SURFACE LIFT OF ASPHALT. THE BINDER SHALL BE 2-1/4" THICK. THE SURFACE SHALL BE 1-3/4" THICK. BOTH SHALL MEET THE SPECIFICATIONS OF THE WISCONSIN DOT SUPERPAVE E-1 MIX. THE PERFORMANCE GRADE FOR THE ASPHALT SHALL BE PG 58-28 FOR LOW VOLUME LOCAL ROADS AND PG 64-28 FOR HIGH VOLUME ROADS (COLLECTORS AND ARTERIALS). ALL OTHER STREETS ARE LOW VOLUME LOCAL ROADS.
- TO ENSURE A PROPER GRADE TRANSITION FROM THE END OF THE EXISTING ROADS TO THE NEW PAVEMENT (ROAD EXTENSION), THE TOWN ENGINEER MUST RECEIVE AS-BUILT SHOTS OF THE SUBGRADE EVERY 25' FOR 100' IN BOTH DIRECTIONS PRIOR TO ROCK PLACEMENT.
- CULVERT MARKERS MEETING TOWN STANDARDS ARE REQUIRED FOR ALL STREET CULVERTS AND SHALL BE INSTALLED WITH STREET AND DRAINAGE IMPROVEMENTS. THESE SHALL BE ORDERED AND INSTALLED BY TOWN STAFF. THE COST FOR MATERIALS AND LABOR WILL BE REIMBURSED BY THE DEVELOPER.

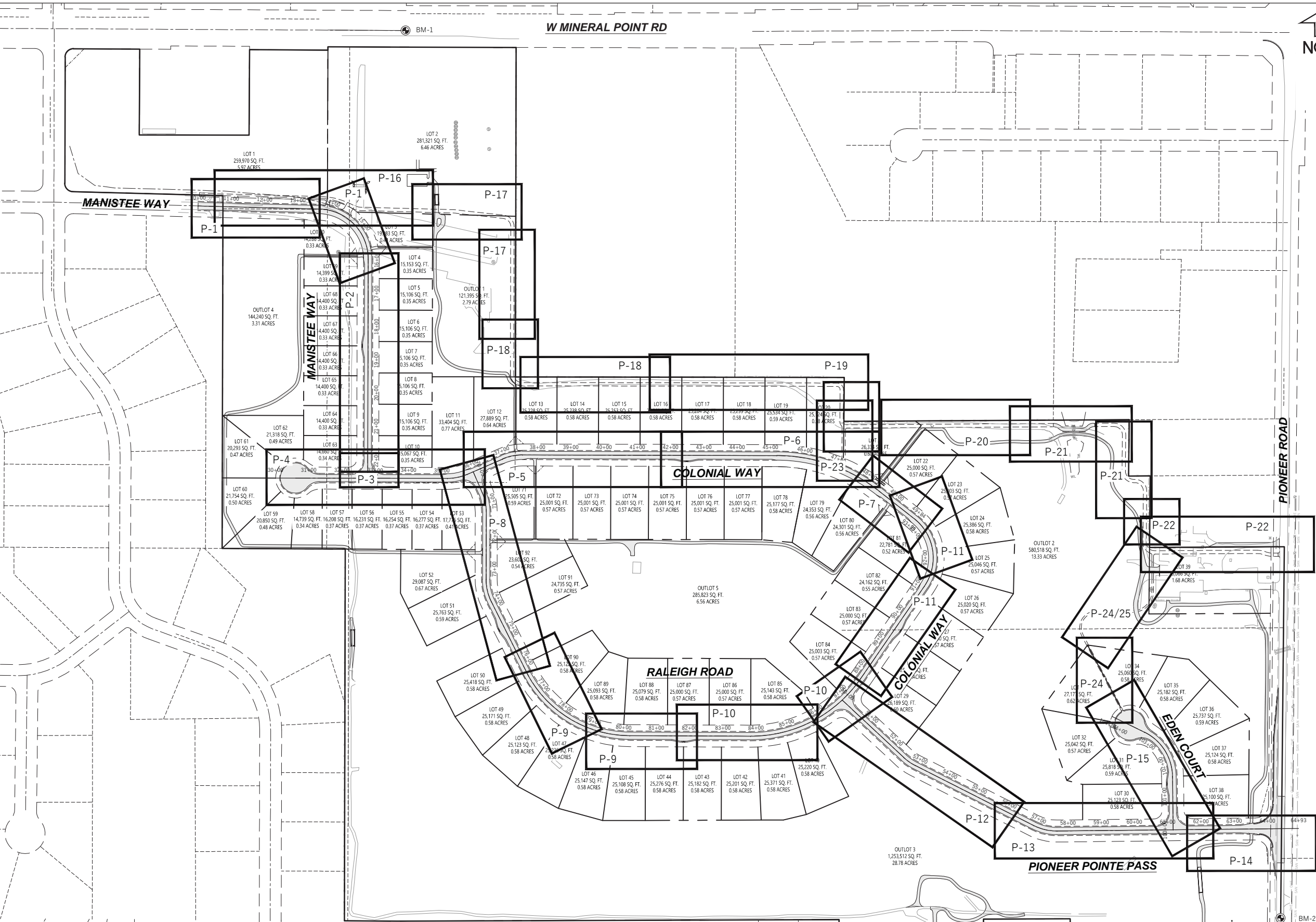
**Note: All Sanitary Sewer Work Shall be Completed in Conformance with the City of Madison Standard Specifications for Public Works Construction- Latest Edition**

SANITARY SEWER ON PLAN SHEETS P-1 - P-15, O-5.1, D-4 TO BE CITY OF MADISON OWNED AND MAINTAINED. CITY PROJECT NO. 12112

	PIONEER POINTE TOWN OF MIDDLETON, DANE COUNTY, WI	Sheet Title: TITLE SHEET	Toll Free (800) 242-8511 or- 811 Hearing Impaired TDD (800) 542-2289 www.DiggersHotline.com	Graphic Scale 0' 250' 500' 750' 1" = 1000'	Revisions: No. Date Description	Wyser Number 18-0551
	7701 W MINERAL POINT RD VERONA, WI 53593	Set Type FOR CONSTRUCTION				Date Issued 10/22/2020

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**GENERAL NOTES**

ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF APPLICABLE STANDARD AND SPECIFICATIONS.

A PRE-CONSTRUCTION MEETING MUST TAKE PLACE BEFORE CONSTRUCTION STARTS ON ANY OF THE PUBLIC INFRASTRUCTURE IMPROVEMENTS.

CONTRACTOR SHALL NOTIFY PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE STARTING WORK.

COPIES OF ALL FIELD ORDERS AND SHOP DRAWINGS MUST BE GIVEN TO THE TOWN'S INSPECTOR AND ENGINEER PRIOR TO COMMENCING WITH THE WORK.

THE TOWN OF MIDDLETON MUST APPROVE THE SUBSTITUTION OF MATERIALS AND CHANGES IN WORK. SUFFICIENT TIME FOR REVIEW OF THESE ISSUES MUST ACCOMPANY THE SUBMITTAL TO THE TOWN.

BENCHMARK TABLE		
BM LABEL	ELEVATION	DESCRIPTION
BM - 1	1072.10	NE OF SECT. 30, TOP BRASS CAP (MINERAL POINT ROAD)
BM - 2	1047.63	CENTER OF SECT. 29, TOP BRASS CAP (PIONEER ROAD)

**WYSER ENGINEERING**

**PIONEER POINTE**

TOWN OF MIDDLETON, DANE COUNTY, WI

<p>Sheet Title:</p> <p>SHEET INDEX - PLAN AND PROFILE</p>	<p>7701 W MINERAL POINT RD</p> <p>VERONA, WI 53593</p>
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Hearing Impaired TDD (800) 542-2289

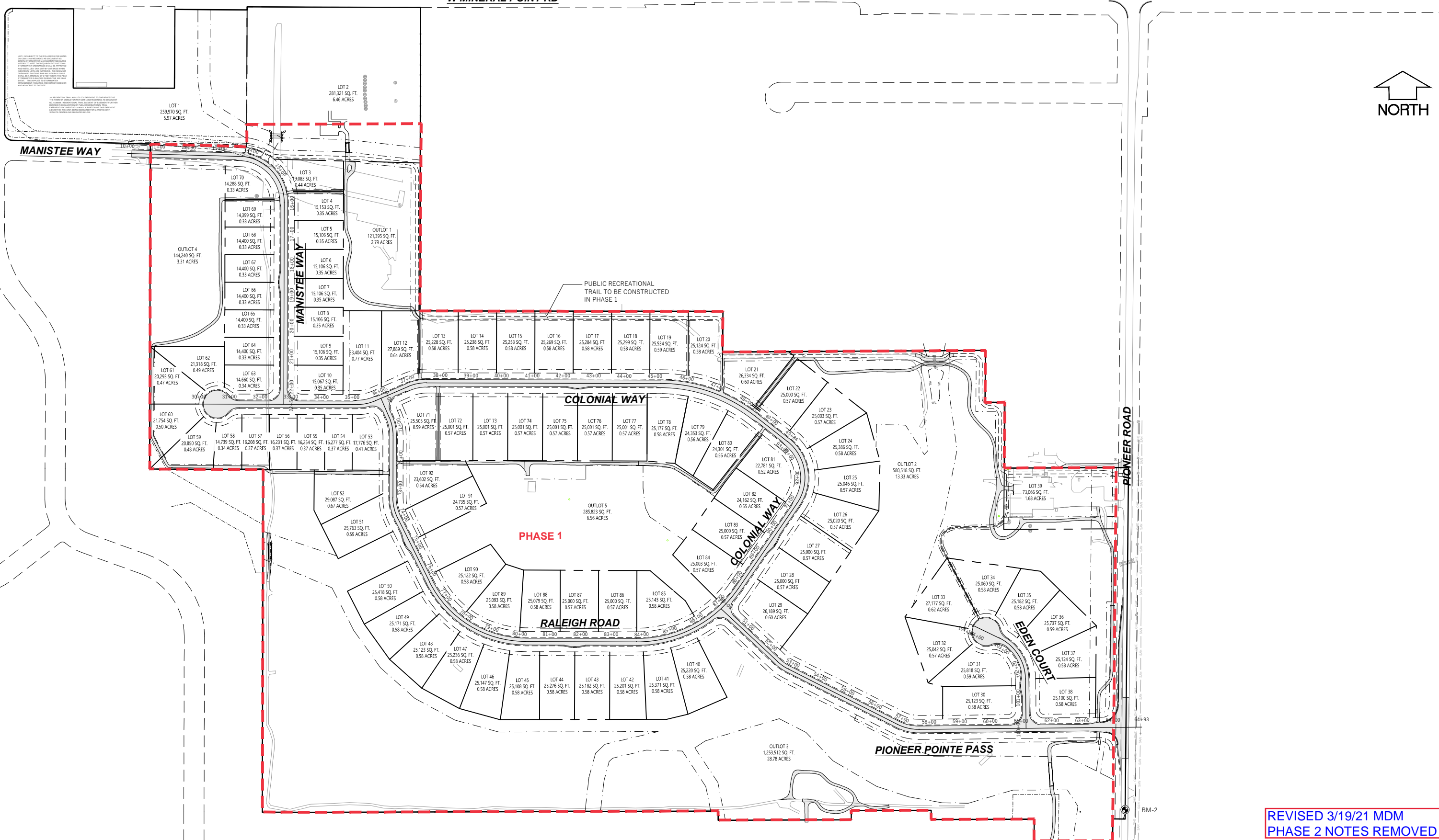
[www.DiggersHotline.com](http://www.DiggersHotline.com)

<p>Graphic Scale: 1" = 150'</p> <p>Revisions:</p> <table border="1" style="width: 100%; height: 50px;"> <tr> <th>No.</th> <th>Date</th> <th>Description</th> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	No.	Date	Description													<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"> <p>Wyser Number</p> <p>18-0551</p> </td> <td style="width: 50%;"> <p>Set Type</p> <p>FOR CONSTRUCTION</p> </td> </tr> <tr> <td> <p>Date Issued</p> <p>10/22/2020</p> </td> <td> <p>Sheet Number</p> <p>0-2</p> </td> </tr> </table>	<p>Wyser Number</p> <p>18-0551</p>	<p>Set Type</p> <p>FOR CONSTRUCTION</p>	<p>Date Issued</p> <p>10/22/2020</p>	<p>Sheet Number</p> <p>0-2</p>
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W MINERAL POINT RD



REVISED 3/19/21 MDM  
PHASE 2 NOTES REMOVED



PIONEER POINTE  
TOWN OF MIDDLETON, DANE COUNTY, WI

Sheet Title:  
PHASING PLAN  
  
7701 W MINERAL POINT RD  
VERONA, WI 53593

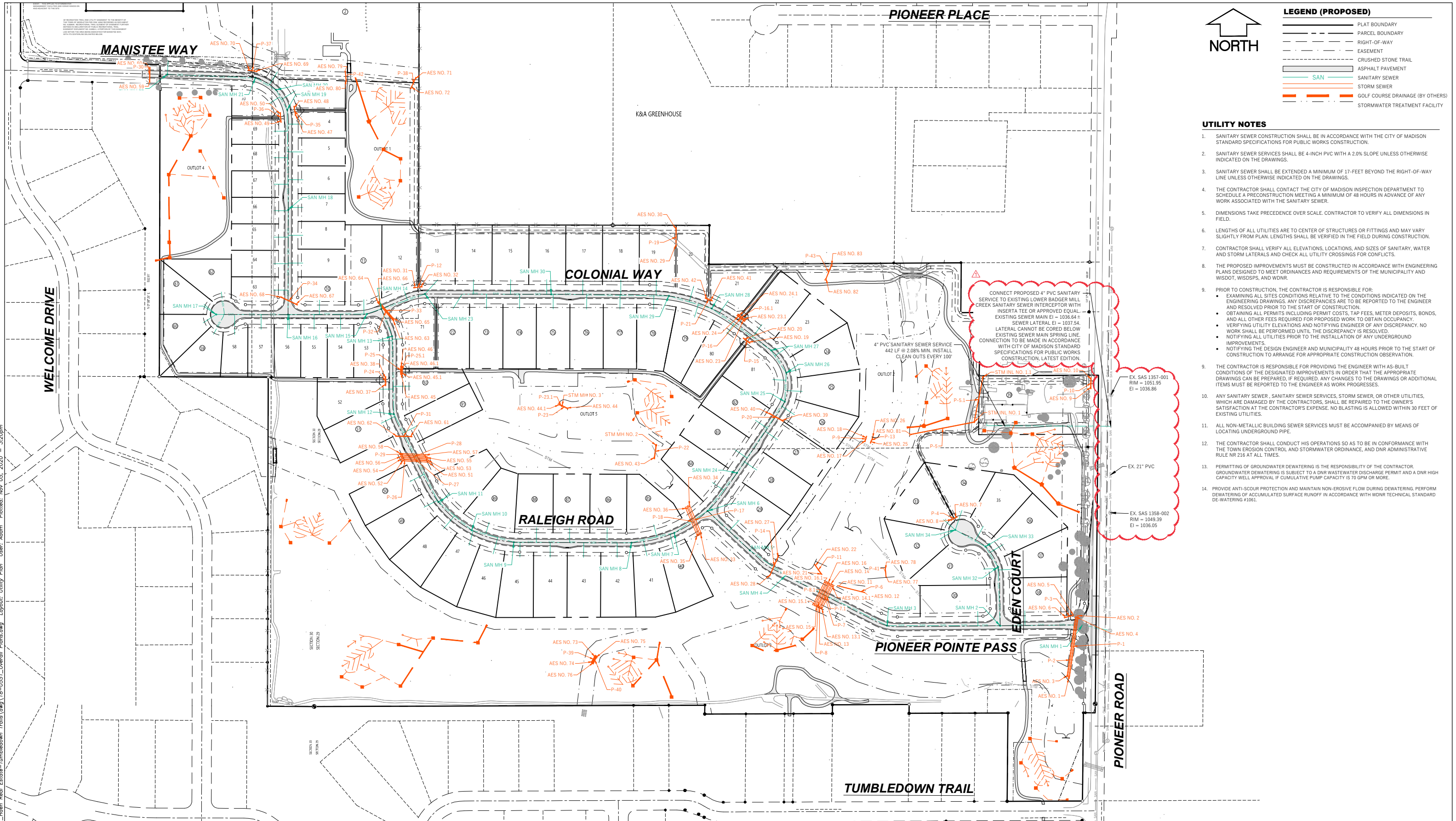
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Graphic Scale  
0" = 75'  
1" = 150'

Revisions:	No.	Date:	Description:
	1	01/27/2021	Phasing Removal

Wyser Number	18-0551
Set Type	REVIEW
Date Issued	10/21/2020
Sheet Number	0-2.1

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**LEGEND (PROPOSED)**

	PLAT BOUNDARY
	PARCEL BOUNDARY
	RIGHT-OF-WAY
	EASEMENT
	CRUSHED STONE TRAIL
	ASPHALT PAVEMENT
	SANITARY SEWER
	STORM SEWER
	GOLF COURSE DRAINAGE (BY OTHERS)
	STORMWATER TREATMENT FACILITY

**UTILITY NOTES**

- SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- SANITARY SEWER SERVICES SHALL BE 4-INCH PVC WITH A 2.0% SLOPE UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- SANITARY SEWER SHALL BE EXTENDED A MINIMUM OF 17-FEET BEYOND THE RIGHT-OF-WAY LINE UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL CONTACT THE CITY OF MADISON INSPECTION DEPARTMENT TO SCHEDULE A PRECONSTRUCTION MEETING A MINIMUM OF 48 HOURS IN ADVANCE OF ANY WORK ASSOCIATED WITH THE SANITARY SEWER.
- DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS, AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISDOT, WISDPS, AND WDRN.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
  - EXAMINING ALL SITES CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
  - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
  - VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
  - NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
  - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED. IF REQUIRED, ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
- ANY SANITARY SEWER, SANITARY SEWER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE. NO BLASTING IS ALLOWED WITHIN 30 FEET OF EXISTING UTILITIES.
- ALL NON-METALLIC BUILDING SEWER SERVICES MUST BE ACCOMPANIED BY MEANS OF LOCATING UNDERGROUND PIPE.
- THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO BE IN CONFORMANCE WITH THE TOWN EROSION CONTROL AND STORMWATER ORDINANCE, AND DNR ADMINISTRATIVE RULE NR 216 AT ALL TIMES.
- PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A DNR HIGH CAPACITY WELL APPROVAL IF CUMULATIVE PUMP CAPACITY IS 70 GPM OR MORE.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDRN TECHNICAL STANDARD DE-WATERING #1061.

CONNECT PROPOSED 4" PVC SANITARY SERVICE TO EXISTING LOWER BADGER MILL CREEK SANITARY SEWER INTERCEPTOR WITH INSERT TEE OR APPROVED EQUAL. EXISTING SEWER MAIN EI = 1036.64 ± SEWER LATERAL EI = 1037.54. LATERAL CANNOT BE CORED BELOW EXISTING SEWER MAIN SPRING LINE. CONNECTION TO BE MADE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.

4" PVC SANITARY SEWER SERVICE  
442 LF @ 2.08% MIN. INSTALL  
CLEAN OUTS EVERY 100'

EX. SAS 1357-001  
RIM = 1051.95  
EI = 1036.86

EX. 21" PVC

EX. SAS 1358-002  
RIM = 1049.39  
EI = 1036.05

**PIONEER POINTE**  
TOWN OF MIDDLETON, DANE COUNTY, WI

Sheet Title:  
UTILITY PLAN

7701 W MINERAL POINT RD  
VERONA, WI 53593

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Graphic Scale  
0" 75' 150' 225'  
1" = 300'

No.	Date	Description
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Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	0-5



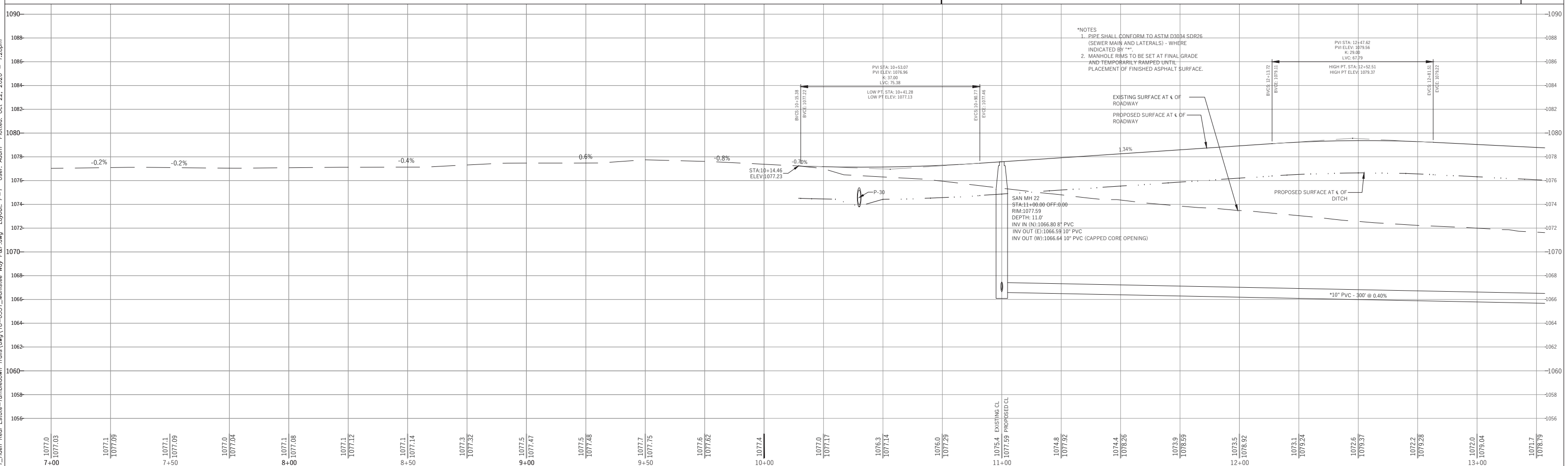
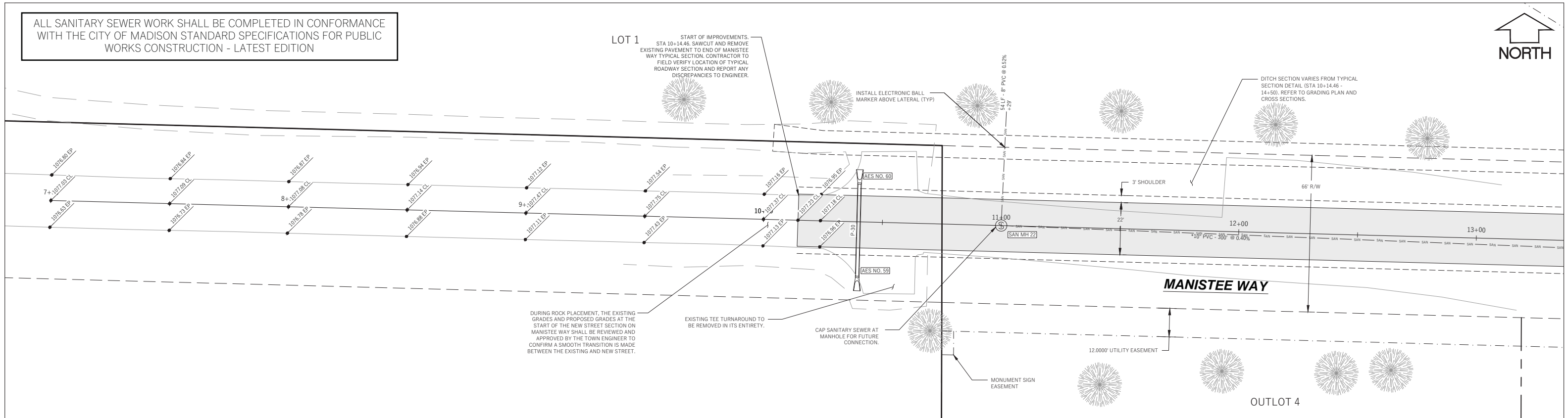


PROPOSED SANITARY SEWER STRUCTURES SCHEDULE - CITY OF MADISON PROJECT NO. 12112									
CONSTRUCTION PHASE	LABEL	REFERENCE ALIGNMENT	STATION	LOCATION (OFFSET)	INVERT ELEV. (FT)	RIM ELEV. (FT)	DEPTH (FT)	EXTERNAL WRAP	CHIMNEY SEAL
1	SAN MH 1	Pioneer Pointe Pass	63+96.24'	0.00'	1037.45	1048.79	11.34	YES	YES
1	SAN MH 2	Pioneer Pointe Pass	61+15.89'	0.00'	1039.79	1056.35	16.56	YES	NO
1	SAN MH 3	Pioneer Pointe Pass	57+31.06'	0.00'	1041.43	1053.49	12.06	YES	YES
1	SAN MH 4	Pioneer Pointe Pass	53+46.23'	0.00'	1043.02	1054.90	11.88	YES	YES
1	SAN MH 5	Pioneer Pointe Pass	51+96.23'	0.00'	1043.67	1056.18	12.51	YES	YES
1	SAN MH 6	Raleigh Road/Colonial Way	86+86.01'	0.00'	1044.51	1059.69	15.18	YES	YES
1	SAN MH 7	Raleigh Road	85+50.00'	0.00'	1046.56	1057.88	11.32	YES	YES
1	SAN MH 8	Raleigh Road	84+00.00'	0.00'	1047.27	1059.30	12.03	YES	NO
1	SAN MH 9	Raleigh Road	79+99.97'	0.00'	1049.66	1063.98	14.33	YES	NO
1	SAN MH 10	Raleigh Road	78+49.73'	0.00'	1050.30	1065.74	15.44	YES	NO
1	SAN MH 11	Raleigh Road	77+00.00'	0.00'	1050.94	1064.89	13.95	YES	NO
1	SAN MH 12	Raleigh Road	73+65.27'	0.00'	1052.33	1063.95	11.62	YES	YES
1	SAN MH 13	Raleigh Road	71+00.00'	0.00'	1054.61	1066.61	12.00	YES	NO
1	SAN MH 14	Colonial Way	35+97.16'	0.00'	1055.72	1067.72	12.00	YES	YES
1	SAN MH 15	Colonial Way	35+45.00'	0.00'	1056.03	1067.76	11.73	YES	YES
1	SAN MH 16	Colonial Way	32+76.87'	0.00'	1058.31	1070.41	12.10	YES	NO
1	SAN MH 17	Colonial Way	30+32.85'	0.00'	1063.29	1075.29	12.00	NO	NO
1	SAN MH 18	Manistee Way	19+00.00'	0.00'	1061.16	1073.04	11.88	NO	NO
1	SAN MH 19	Manistee Way	15+60.00'	0.00'	1064.61	1076.44	11.83	NO	NO
1	SAN MH 20	Manistee Way	14+81.63'	0.00'	1064.97	1077.22	12.25	NO	NO
1	SAN MH 21	Manistee Way	14+00.00'	0.00'	1065.34	1078.04	12.70	NO	NO
1	SAN MH 22	Manistee Way	11+00.00'	0.00'	1066.59	1077.59	11.00	NO	NO
1	SAN MH 23	Colonial Way	37+54.78'	0.00'	1058.18	1070.18	12.00	NO	NO
2	SAN MH 24	Colonial Way	88+49.76'	0.00'	1045.43	1058.40	12.97	YES	NO
2	SAN MH 25	Colonial Way	91+41.61'	0.00'	1046.66	1056.66	10.00	YES	YES
2	SAN MH 26	Colonial Way	92+41.75'	0.00'	1047.09	1057.65	10.56	YES	NO
2	SAN MH 27	Colonial Way	93+35.10'	0.00'	1047.58	1058.58	11.00	YES	NO
2	SAN MH 28	Colonial Way	47+36.56'	0.00'	1049.06	1061.06	12.00	YES	NO
2	SAN MH 29	Colonial Way	45+84.46'	0.00'	1051.08	1062.58	11.50	YES	NO
2	SAN MH 30	Colonial Way	41+84.30'	0.00'	1054.92	1066.68	11.66	YES	NO
2	SAN MH 31	Colonial Way	38+81.72'	0.00'	1057.61	1069.61	12.00	NO	NO
1	SAN MH 32	Eden Court	102+00.00'	0.00'	1046.02	1058.02	12.00	YES	NO
1	SAN MH 33	Eden Court	102+82.55'	0.00'	1046.84	1058.84	12.00	YES	NO
1	SAN MH 34	Eden Court	104+00.00'	0.00'	1048.77	1060.77	12.00	NO	NO

PROPOSED STORM SEWER STRUCTURES SCHEDULE									
LABEL	INVERT ELEV. (FT)	RIM ELEV. (FT)	DEPTH (FT)	STRUCTURE DESCRIPTION	GRATE				
STM INL NO. 1	1049.55	1051.90	1.95	36" DIAMETER CATCH BASIN	IN-BELL GRATE				
STM INL NO. 1.1	1050.22	1052.25	2.03	36" DIAMETER CATCH BASIN	IN-BELL GRATE				
STM MH NO. 2	1054.59	1058.75	4.25	48" DIAMETER MANHOLE*	HALLA CG87M				
STM MH NO. 3	1055.91	1059.00	3.09	48" DIAMETER MANHOLE*	NEENAH R-155F				
AES NO. 1	1044.00	-	-	30"x19" HERCOP ENDWALL	PIPE GATE REQUIRED AT ENDWALL				
AES NO. 2	1045.00	-	-	30"x19" HERCOP ENDWALL	PIPE GATE REQUIRED AT ENDWALL				
AES NO. 3	1044.00	-	-	30"x19" HERCOP ENDWALL	-				
AES NO. 4	1045.00	-	-	30"x19" HERCOP ENDWALL	-				
AES NO. 5	1045.50	-	-	18" CMP ENDWALL	-				
AES NO. 6	1045.63	-	-	18" CMP ENDWALL	-				
AES NO. 7	1057.95	-	-	15" CMP ENDWALL	-				
AES NO. 8	1058.09	-	-	15" CMP ENDWALL	-				
AES NO. 9	1052.30	-	-	21"x15" CMP ARCH ENDWALL	-				
AES NO. 10	1052.98	-	-	21"x15" CMP ARCH ENDWALL	-				
AES NO. 11	1048.50	-	-	12" RCP ENDWALL	-				
AES NO. 12	1049.75	-	-	12" RCP ENDWALL	-				
AES NO. 13	1047.50	-	-	60" RCP ENDWALL	-				
AES NO. 13.1	1047.50	-	-	60" RCP ENDWALL	-				
AES NO. 14	1047.84	-	-	60" RCP ENDWALL	-				
AES NO. 14.1	1047.84	-	-	60" RCP ENDWALL	-				
AES NO. 15	1047.50	-	-	60" RCP ENDWALL	-				
AES NO. 15.1	1047.50	-	-	60" RCP ENDWALL	-				
AES NO. 16	1047.84	-	-	60" RCP ENDWALL	-				
AES NO. 16.1	1047.84	-	-	60" RCP ENDWALL	-				
AES NO. 17	1050.40	-	-	12" RCP ENDWALL	-				
AES NO. 18	1050.50	-	-	12" RCP ENDWALL	-				
AES NO. 19	1056.40	-	-	24"x18" CMP ARCH ENDWALL	-				
AES NO. 20	1056.58	-	-	24"x18" CMP ARCH ENDWALL	-				
AES NO. 21	1049.53	-	-	18" RCP ENDWALL	-				
AES NO. 22	1050.25	-	-	18" RCP ENDWALL	-				
AES NO. 23	1057.10	-	-	18" RCP ENDWALL	-				
AES NO. 23.1	1057.27	-	-	18" RCP ENDWALL	-				
AES NO. 24	1057.10	-	-	18" RCP ENDWALL	-				
AES NO. 24.1	1057.27	-	-	18" RCP ENDWALL	-				
AES NO. 25	1049.93	-	-	18" RCP ENDWALL	-				
AES NO. 26	1050.00	-	-	18" RCP ENDWALL	-				
AES NO. 27	1051.37	-	-	15" RCP ENDWALL	-				
AES NO. 28	1052.00	-	-	15" RCP ENDWALL	-				
AES NO. 29	1062.48	-	-	15" RCP ENDWALL	-				
AES NO. 30	1063.00	-	-	15" RCP ENDWALL	-				
AES NO. 31	1066.15	-	-	15" RCP ENDWALL	-				
AES NO. 32	1066.34	-	-	15" RCP ENDWALL	-				
AES NO. 33	1049.94	-	-	60" RCP ENDWALL	-				
AES NO. 34	1050.49	-	-	60" RCP ENDWALL	-				
AES NO. 35	1049.94	-	-	60" RCP ENDWALL	-				
AES NO. 36	1050.49	-	-	60" RCP ENDWALL	-				
AES NO. 37	1062.25	-	-	28"x20" CMP ARCH ENDWALL	-				
AES NO. 38	1062.35	-	-	28"x20" CMP ARCH ENDWALL	-				
AES NO. 39	1052.13	-	-	24" RCP ENDWALL	-				
AES NO. 40	1052.35	-	-	24" RCP ENDWALL	-				
AES NO. 41	1058.07	-	-	28"x20" CMP ARCH ENDWALL	-				
AES NO. 42	1058.15	-	-	28"x20" CMP ARCH ENDWALL	-				
AES NO. 43	1053.68	-	-	24" RCP ENDWALL	-				
AES NO. 44	1055.79	-	-	24" RCP ENDWALL	-				
AES NO. 44.1	1056.00	-	-	24" RCP ENDWALL	-				
AES NO. 45	1061.40	-	-	28"x20" CMP ARCH ENDWALL	-				
AES NO. 45.1	1061.55	-	-	28"x20" CMP ARCH ENDWALL	-				
AES NO. 46	1061.40	-	-	28"x20" CMP ARCH ENDWALL	-				
AES NO. 46.1	1061.55	-	-	28"x20" CMP ARCH ENDWALL	-				
AES NO. 47	1073.56	-	-	15" CMP ENDWALL	-				
AES NO. 48	1073.78	-	-	15" CMP ENDWALL	-				
AES NO. 49	1073.45	-	-	15" CMP ENDWALL	-				
AES NO. 50	1073.68	-	-	15" CMP ENDWALL	-				
AES NO. 51	1057.86	-	-	45"x29" HERCOP ENDWALL	-				
AES NO. 52	1058.74	-	-	45"x29" HERCOP ENDWALL	-				
AES NO. 53	1067.88	-	-	45"x29" HERCOP ENDWALL	-				
AES NO. 54	1058.74	-	-	45"x29" HERCOP ENDWALL	-				
AES NO. 55	1057.90	-	-	45"x29" HERCOP ENDWALL	-				
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AES NO. 58	1058.74	-	-	45"x29" HERCOP ENDWALL	-				
AES NO. 59	1073.85	-	-	15" RCP ENDWALL	-				
AES NO. 60	1074.05	-	-	15" RCP ENDWALL	-				
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AES NO. 63	1063.40	-	-	21" RCP ENDWALL	-				
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AES NO. 65	1063.40	-	-	21" RCP ENDWALL	-				
AES NO. 66	1063.82	-	-	21" RCP ENDWALL	-				
AES NO. 67	1062.24	-	-	21" RCP ENDWALL	-				
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AES NO. 70	1075.58	-	-	15" CMP ENDWALL	-				
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AES NO. 73	1061.75	-	-	24" RCP ENDWALL	-				
AES NO. 74	1062.53	-	-	24" RCP ENDWALL	-				
AES NO. 75	1061.75	-	-	24" RCP ENDWALL	-				
AES NO. 76	1062.53	-	-	24" RCP ENDWALL	-				
AES NO. 77	1049.14	-	-	15" RCP ENDWALL	-				
AES NO. 78	1049.30	-	-	15" RCP ENDWALL	-				
AES NO. 79	1067.50	-	-	15" RCP ENDWALL	-				
AES NO. 80	1067.98	-	-	15" RCP ENDWALL	-				
AES NO. 81	1049.00	-	-	15" RCP ENDWALL	-				
AES NO. 82	1058.10	-	-	15" CMP ENDWALL	-				
AES NO. 83	1058.33	-	-	15" CMP ENDWALL	-				

PROPOSED STORM SEWER PIPE SCHEDULE									
PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LENGTH (FT)*	ELEV.	UPSTRM ELEV.	SLOPE (%)	PIPE SIZE & TYPE		
P-1	AES NO. 1	AES NO. 2	211	1044.00	1045.00	0.47%	30"x19" HERCOP		
P-2	AES NO. 3	AES NO. 4	201	1044.00	1045.00	0.50%	30"x19" HERCOP		
P-3	AES NO. 5	AES NO. 6	27	1045.50	1045.63	0.50%	18" Corrugated Metal Pipe		
P-4	AES NO. 7	AES NO. 8	13	1056.50	1056.63	1.03%	15" Corrugated Metal Pipe		
P-5	AES NO. 8	STM INL NO. 1	218	1049.00	1049.55	0.25%	15" RCP		
P-5.1	STM INL NO. 1	STM INL NO. 1.1	156	1049.60	1050.22	0.40%	15" RCP		
P-6	AES NO. 11	AES NO. 12	85	1048.90	1049.75	1.00%	12" RCP		
P-7	AES NO. 13	AES NO. 14	81	1047.50	1047.84	0.42%	60" RCP		
P-7.1	AES NO. 13.1	AES NO. 14.1	81	1047.50	1047.84	0.42%	60" RCP		
P-8	AES NO. 15	AES NO. 16	81	1047.50	1047.84	0.42%	60" RCP		
P-8.1	AES NO. 15.1	AES NO. 16.1	81	1047.50	1047.84	0.42%	60" RCP		
P-9	AES NO. 17	AES NO. 18	10	1050.40	1050.50	1.00%	12" RCP		
P-10	AES NO. 19	AES NO. 20	22	1052.27	1052.55	1.25%	21"x15" CMP Arch		
P-11	AES NO. 21	AES NO. 22	35	1049.53	1050.25	2.07%	18" RCP		
P-12	AES NO. 31	AES NO. 32	19	1066.15	1066.34	1.00%	15" Corrugated Metal Pipe		
P-13	AES NO. 25	AES NO. 26	11	1049.93	1050.00	0.62%	18" RCP		
P-14	AES NO. 27	AES NO. 28	65	1051.37	1052.00	0.97%	15" RCP		
P-15	AES NO. 19	AES NO. 20	18	1056.40	1056.58	1.01%	24"x18" CMP Arch		
P-16	AES NO. 23	AES NO. 24	22	1057.10	1057.27	0.78%	18" Corrugated Metal Pipe		
P-16.1	AES NO. 23.1	AES NO. 24.1	21	1057.10	1057.27	0.79%	18" Corrugated Metal Pipe		
P-17	AES NO. 33	AES NO. 34	96	1049.94	1050.49	0.57%	60" RCP		
P-18	AES NO. 35	AES NO. 36	95	1049.94	1050.49	0.58%	60" RCP		
P-19	AES NO. 29	AES NO. 30	52	1062.48	1063.00	1.00%	15" Corrugated Metal Pipe		
P-20	AES NO. 39	AES NO. 40	44	1057.86	1057.93	0.50%	24" RCP		
P-21	AES NO. 41	AES NO. 42	16	1058.15	1058.07	-0.50%	28"x20" CMP Arch		
P-22	AES NO. 43	STM MH NO. 2	41	1053.68	1054.50	1.99%	24" RCP		
P-23	AES NO. 44	STM MH NO. 3	17	1055.79	1055.90	0.65%	24" RCP		
P-23.1	STM MH NO. 3	AES NO. 44.1	9	1055.91	1056.00	1.00%	24" RCP		
P-24	AES NO. 37	AES NO. 38	21	1062.25	1062.35	0.50%	28"x20" CMP Arch		
P-25	AES NO. 45	AES NO. 46	18	1061.40	1061.55	0.80%	28"x20" CMP Arch		
P-25.1	AES NO. 45.1	AES NO. 46.1	19	1061.40	1061.55	0.81%	28"x20" CMP Arch		
P-26	AES NO. 51	AES NO. 52	83	1057.86	1058.74	1.06%	45"x29" HERCOP		
P-27	AES NO. 53	AES NO. 54	81	1057.88	1058.74	1.06%	45"x29" HERCOP		
P-28	AES NO. 55	AES NO. 56	79	1057.90	1058.74	1.06%	45"x29" HERCOP		
P-29	AES NO. 57	AES NO. 58	77	1057.93	1058.74	1.05%</			

ALL SANITARY SEWER WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - LATEST EDITION



File: C:\Users\adam\Desktop\18-0551\_Manistee\_Traffic.dwg | 18-0551\_Manistee Way P&P.dwg | User: Adam | Plotted: Oct 22, 2020 | 1:28pm

PIONEER POINTE  
TOWN OF MIDDLETON, DANE COUNTY, WI

Sheet Title:  
PLAN AND PROFILE  
MANISTEE WAY  
STA 7+00 TO 13+00  
CITY OF MADISON SANITARY SEWER - CITY PROJECT NO. 12112

7701 WEST MINERAL POINT ROAD  
VERONA, WI 53593



Graphic Scale  
0' 5' 10' 20' 30'  
1" = 40'

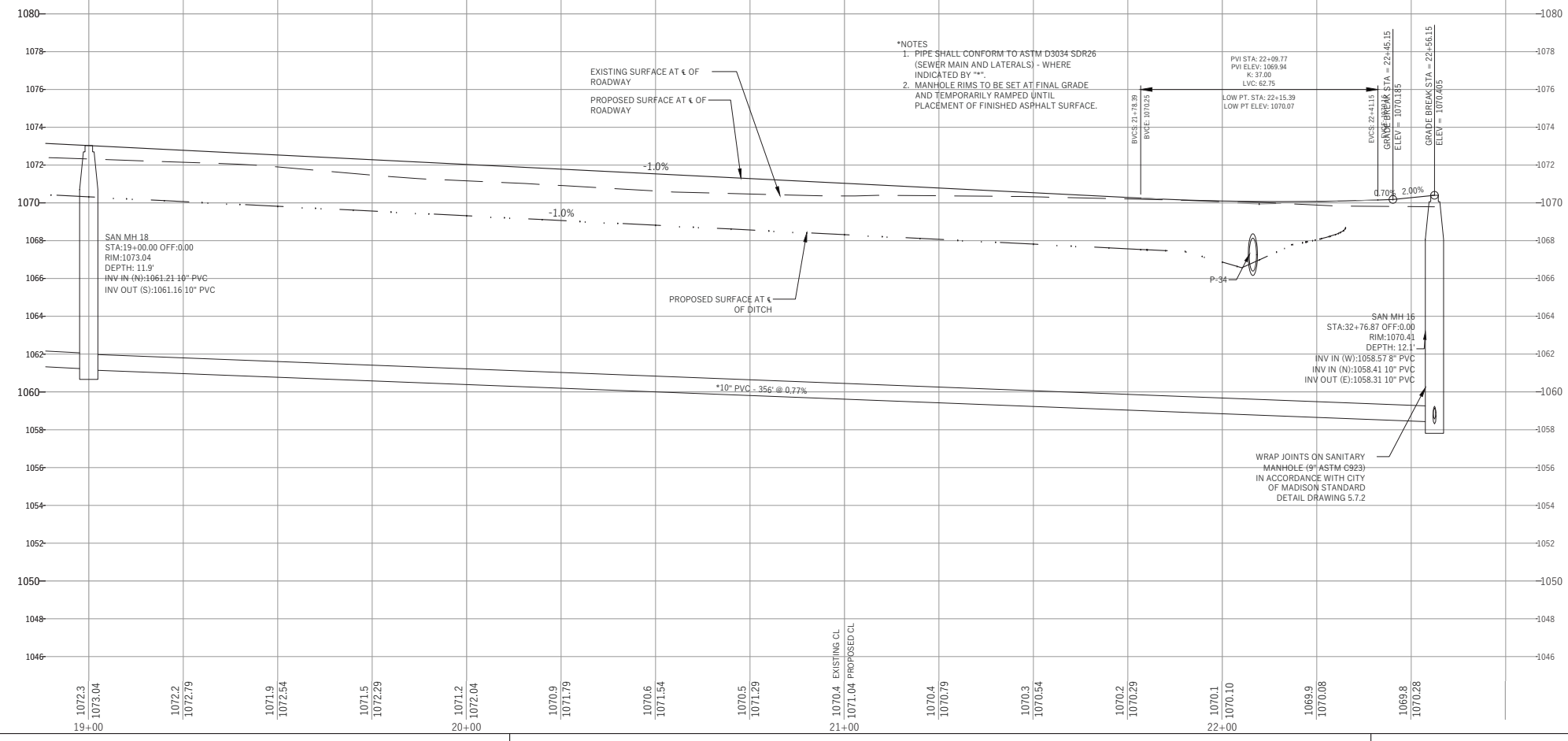
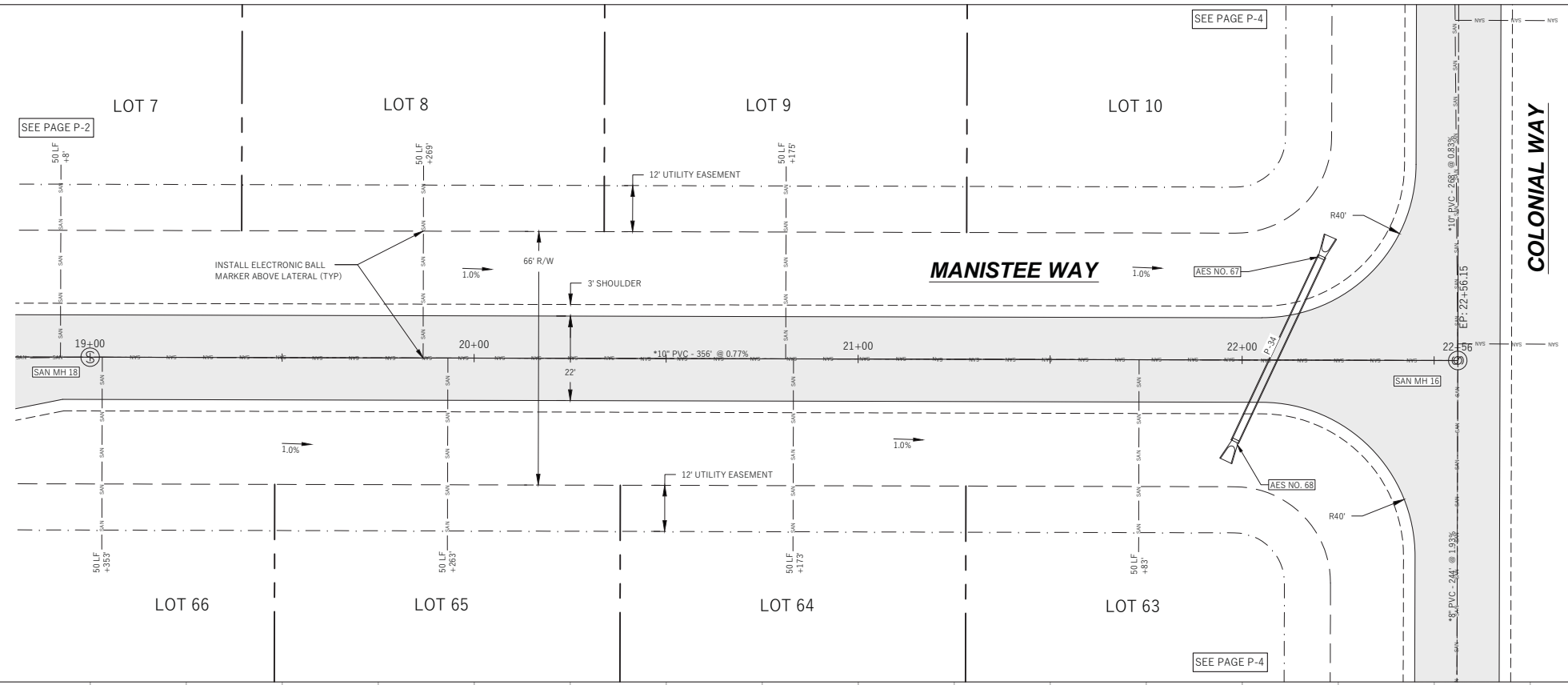
No.	Date	Description

Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	P-1





ALL SANITARY SEWER WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - LATEST EDITION



- \*NOTES
1. PIPE SHALL CONFORM TO ASTM D3034 SDR26 (SEWER MAIN AND LATERALS) - WHERE INDICATED BY \*\*\*
  2. MANHOLE RIMS TO BE SET AT FINAL GRADE AND TEMPORARILY RAMPED UNTIL PLACEMENT OF FINISHED ASPHALT SURFACE.

File: C:\Users\adam\Documents\18-0551-Manistee Way\_P&P.dwg Layout: P-3 User: Adam Plotted: Oct 22, 2020 1:29pm

**PIONEER POINTE**  
TOWN OF MIDDLETON, DANE COUNTY, WI

Sheet Title:  
 PLAN AND PROFILE  
 MANISTEE WAY  
 STA 19+00 TO END  
 CITY OF MADISON SANITARY SEWER - CITY PROJECT NO. 12112

7701 WEST MINERAL POINT ROAD  
 VERONA, WI 53593

**DIGGERS HOTLINE**  
 Toll Free (800) 242-8511 or- 811  
 Hearing Impaired TDD (800) 542-2289  
 www.DiggersHotline.com

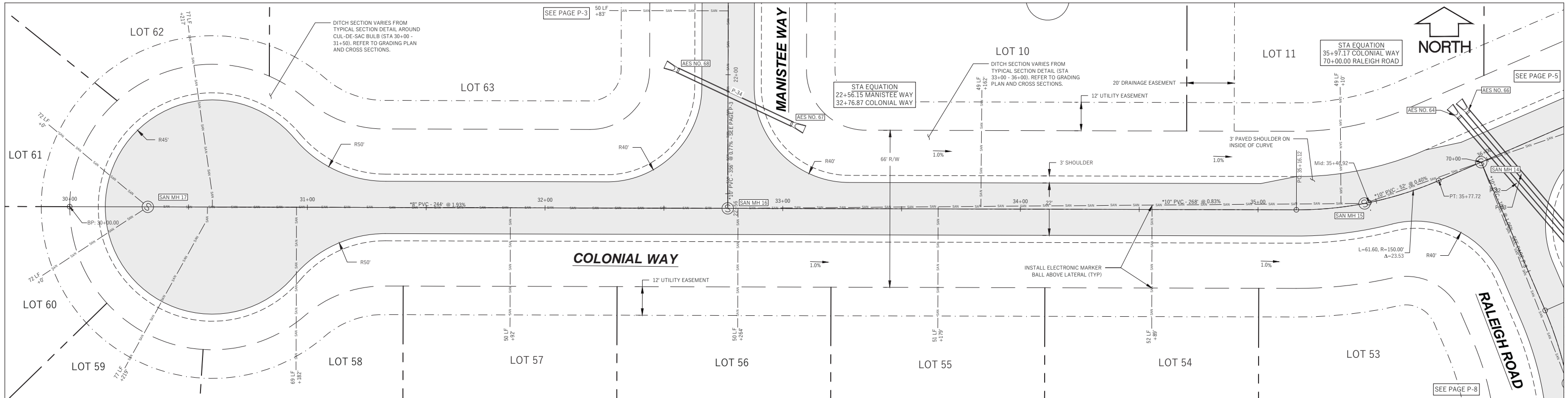
Graphic Scale  
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 1" = 40'

Revisions:	
No.	Description:

Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	P-3

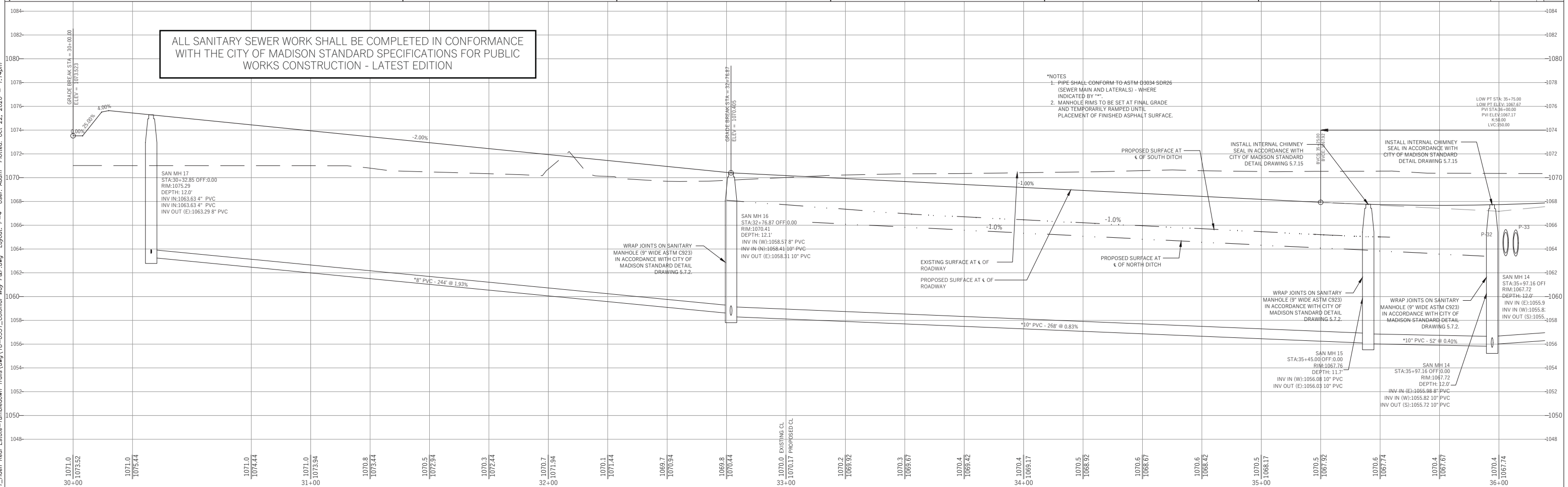






ALL SANITARY SEWER WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - LATEST EDITION

- \*NOTES
- PIPE SHALL CONFORM TO ASTM D3034 SDR26 (SEWER MAIN AND LATERALS) - WHERE INDICATED BY \*\*\*.
  - MANHOLE RIMS TO BE SET AT FINAL GRADE AND TEMPORARILY RAISED UNTIL PLACEMENT OF FINISHED ASPHALT SURFACE.



**PIONEER POINTE**

**WYSER ENGINEERING**

TOWN OF MIDDLETON, DANE COUNTY, WI

Sheet Title:

PLAN AND PROFILE  
 COLONIAL WAY  
 STA 30+00 TO 36+00  
 CITY OF MADISON SANITARY SEWER – CITY PROJECT NO. 12112

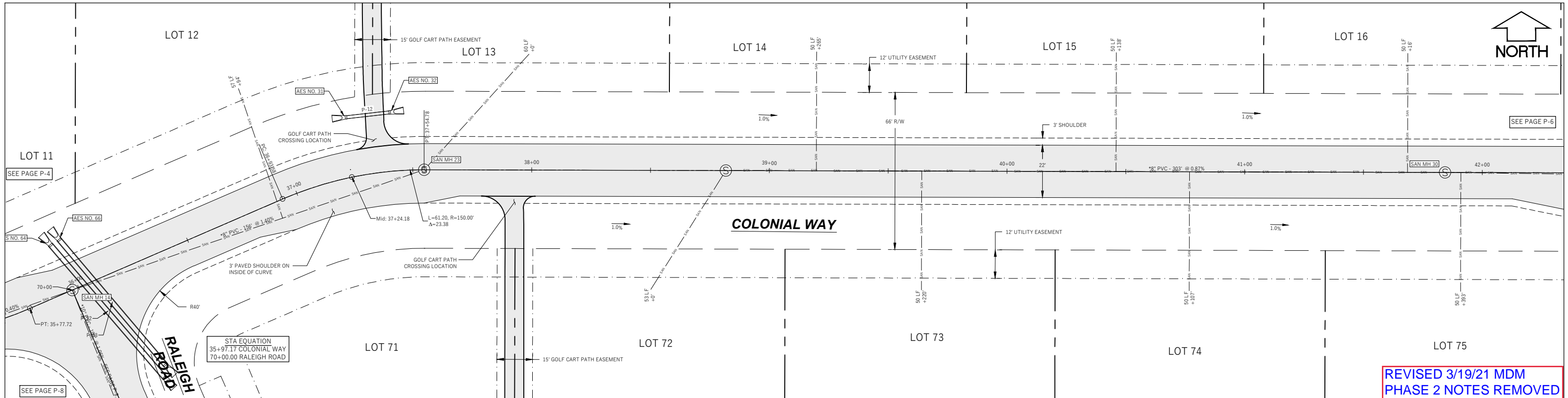
7701 WEST MINERAL POINT ROAD  
 VERONA, WI 53593

**DIGGERS HOTLINE**

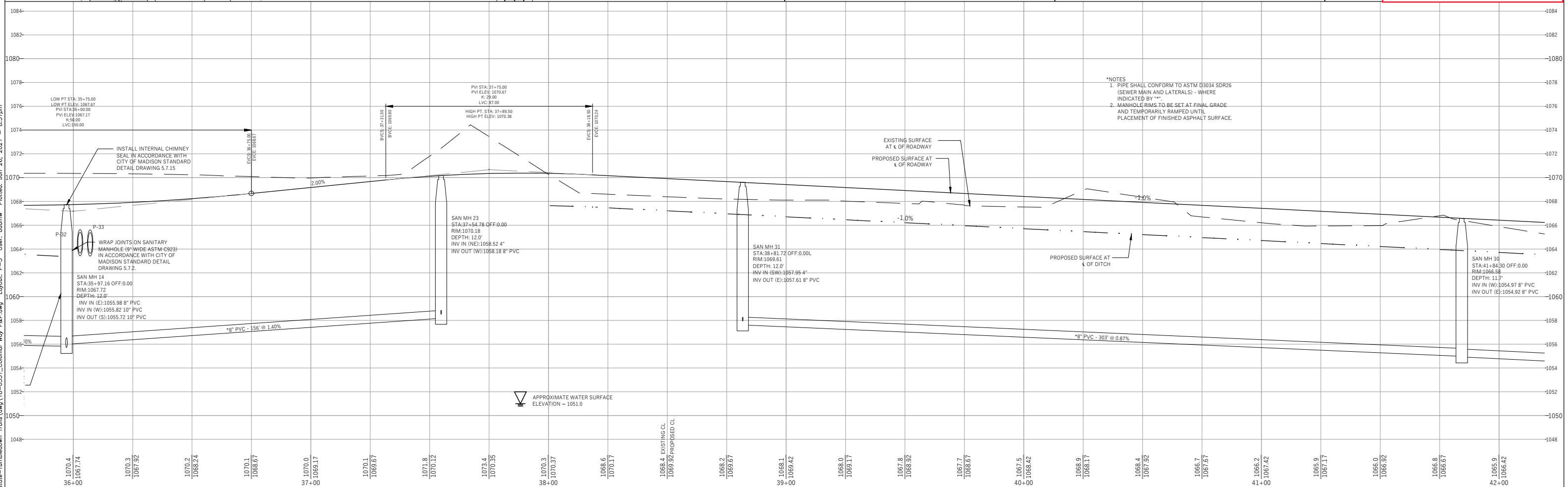
Toll Free (800) 242-8511 or- 811  
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Revisions:	No.	Date:	Description:

Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	P-4



REVISED 3/19/21 MDM  
PHASE 2 NOTES REMOVED



- \*NOTES
1. PIPE SHALL CONFORM TO ASTM D3034 SDR26 (SEWER MAIN AND LATERALS) - WHERE INDICATED BY "M".
  2. MANHOLE RIMS TO BE SET AT FINAL GRADE AND TEMPORARILY RAMPED UNTIL PLACEMENT OF FINISHED ASPHALT SURFACE.

**PIONEER POINTE**  
TOWN OF MIDDLETON, DANE COUNTY, WI

**WYSER ENGINEERING**

Sheet Title:  
PLAN AND PROFILE  
COLONIAL WAY  
STA 36+00 TO 42+00

7701 WEST MINERAL POINT ROAD  
VERONA, WI 53593

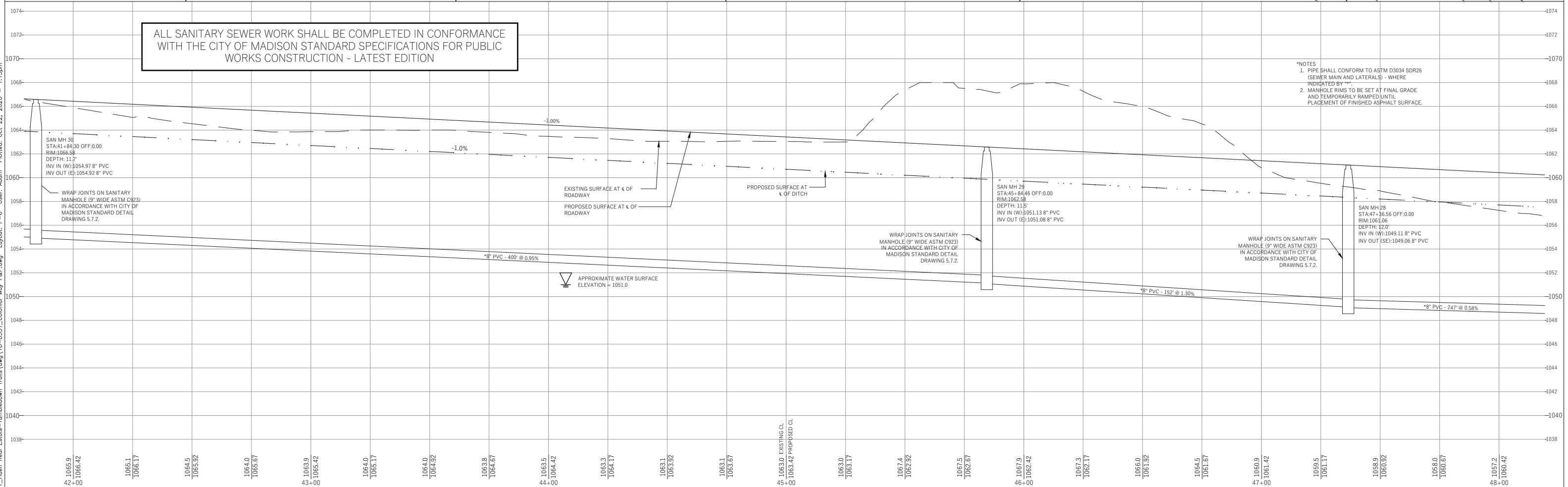
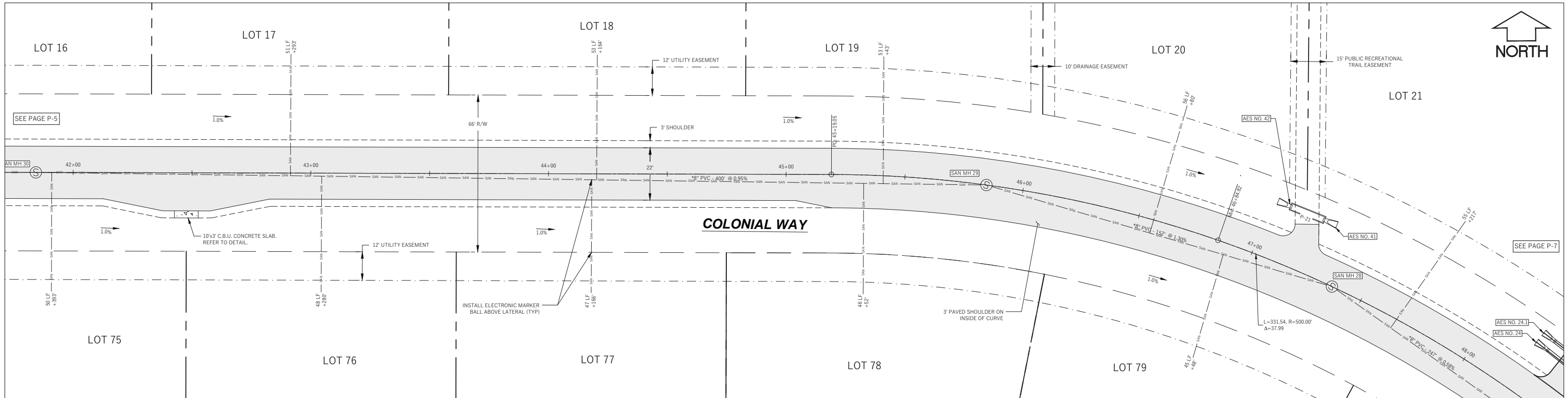
**DIGGERS HOTLINE**  
Toll Free (800) 242-8511 or 811  
Hearing Impaired TDD (800) 542-2289  
www.DiggersHotline.com

Graphic Scale  
0' 5' 10' 20' 30'  
1" = 40'

Revisions:	No.	Date:	Description:
1	1	01/22/2021	Phasing Removal

Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	P-5

File: W:\2018\180551\_Heen Real Estate-Tumbledown Trails.dwg 18-0551\_Colonial Way P&P.dwg Layout: P-5 User: cadmmw Plotted: Jan 26, 2021 8:51pm



ALL SANITARY SEWER WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - LATEST EDITION

- \*NOTES
1. PIPE SHALL CONFORM TO ASTM D3034 SDR26 (SEWER MAIN AND LATERALS) - WHERE INDICATED BY \*\*\*
  2. MANHOLE RIMS TO BE SET AT FINAL GRADE AND TEMPORARILY RAMPED UNTIL PLACEMENT OF FINISHED ASPHALT SURFACE.

**PIONEER POINTE**

TOWN OF MIDDLETON, DANE COUNTY, WI

Sheet Title:  
 PLAN AND PROFILE  
 COLONIAL WAY  
 STA 42+00 TO 48+00  
 CITY OF MADISON SANITARY SEWER – CITY PROJECT NO. 12112

7701 WEST MINERAL POINT ROAD  
 VERONA, WI 53593

**DIGGERS HOTLINE**  
 Toll Free (800) 242-8511 or 811  
 Hearing Impaired TDD (800) 542-2289  
 www.DiggersHotline.com

Graphic Scale  
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 1" = 40'

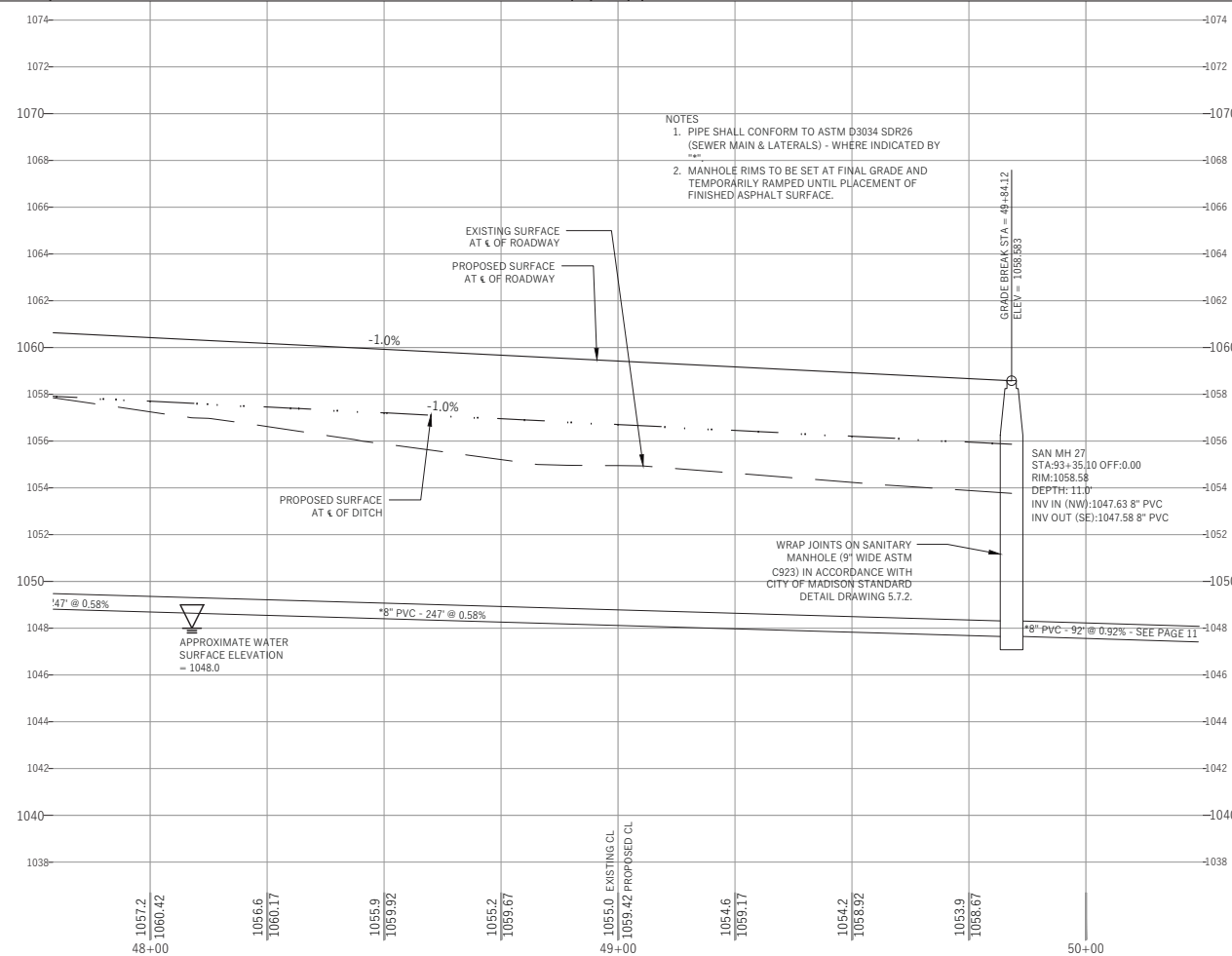
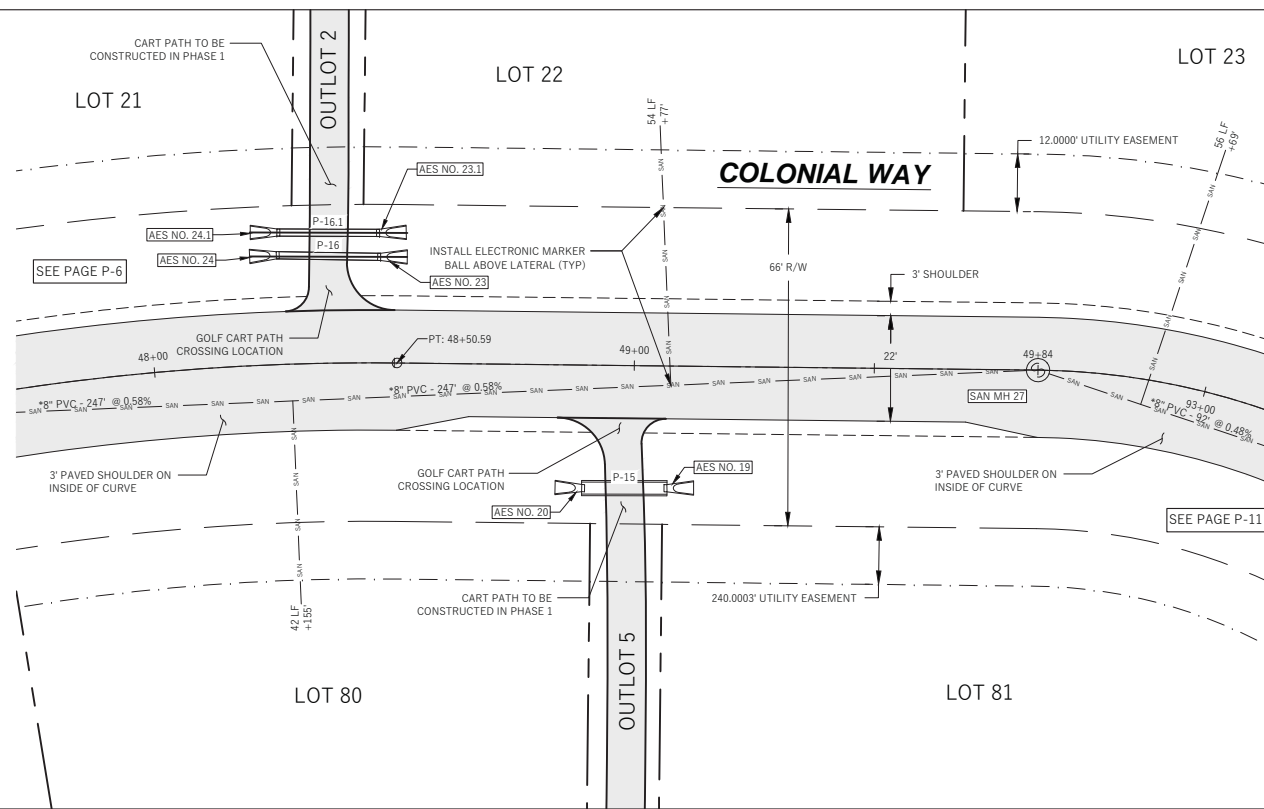
No.	Date	Description

Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	P-6

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ALL SANITARY SEWER WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - LATEST EDITION



WRAP JOINTS ON SANITARY MANHOLE 19" WIDE ASTM C323 IN ACCORDANCE WITH CITY OF MADISON STANDARD DETAIL DRAWING 5.7.2.

File: C:\Users\adam\Desktop\18-0551\_Henn\_Reel\_Estate-Tumbledown\_Trails.dwg 18-0551\_Colonial\_Way\_P&P.dwg Layout: P-7 User: Adam Plotdate: Oct 22, 2020 - 1:15pm

PIONEER POINTE  
 TOWN OF MIDDLETON, DANE COUNTY, WI



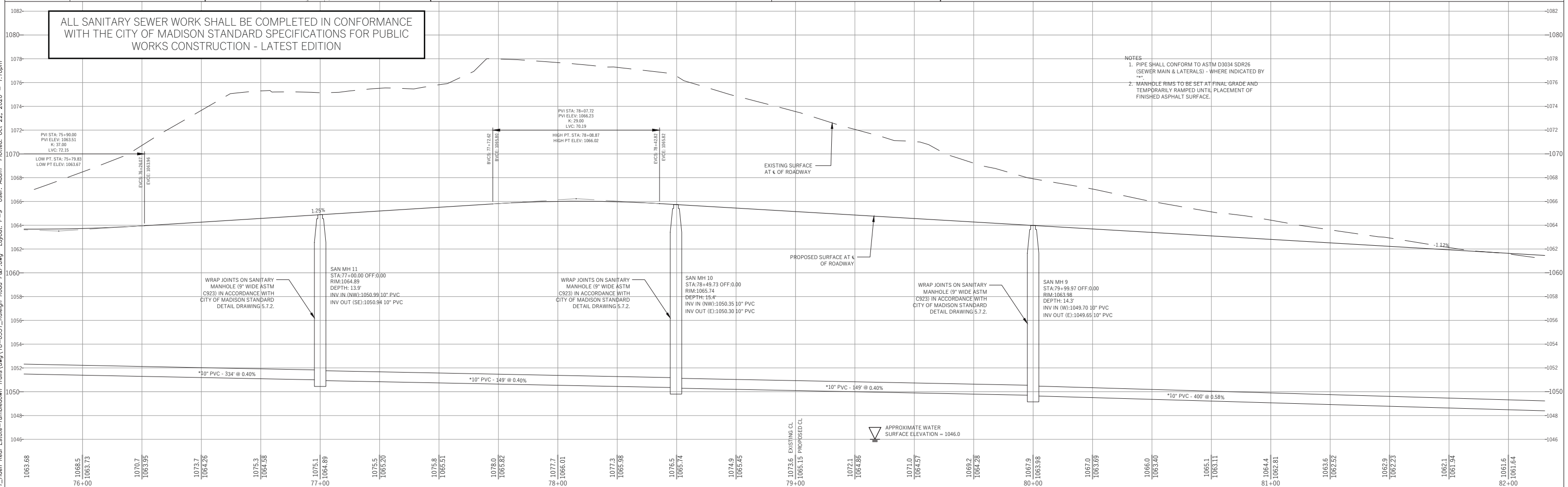
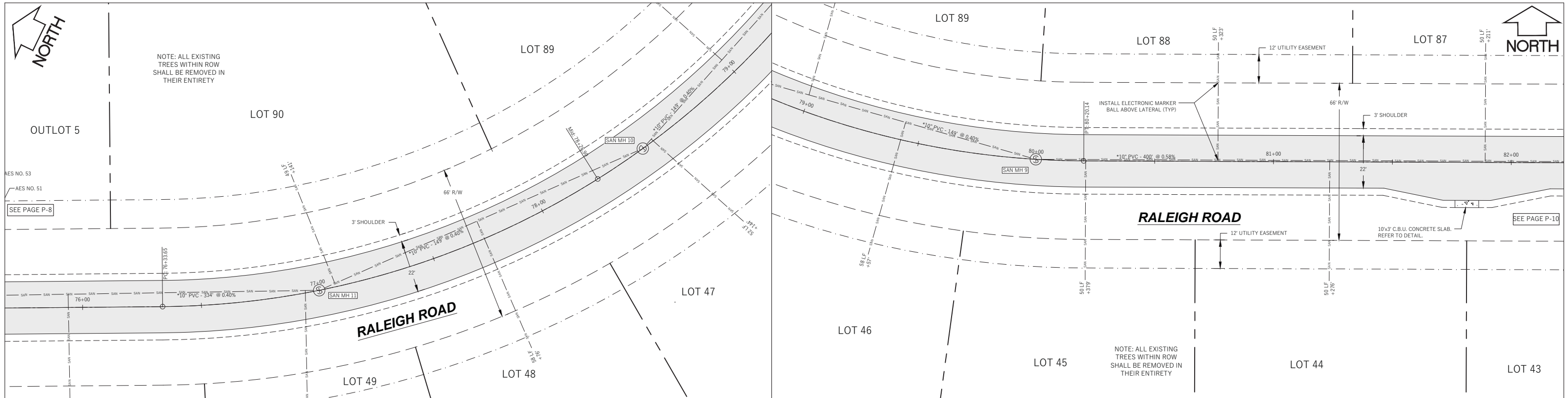
Sheet Title:  
 PLAN AND PROFILE  
 COLONIAL WAY  
 STA 48+00 TO STA 49+84  
 CITY OF MADISON SANITARY SEWER - CITY PROJECT NO. 12112  
 7701 WEST MINERAL POINT ROAD  
 VERONA, WI 53593

Toll Free (800) 242-8511 or 811  
 Hearing Impaired TDD (800) 542-2289  
 www.DiggersHotline.com

Graphic Scale	0' 5' 10' 20' 30'	
1" = 40'		
Revisions:		
No.	Date	Description

Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	P-7





PIONEER POINTE

TOWN OF MIDDLETON, DANE COUNTY, WI

Sheet Title:  
 PLAN AND PROFILE  
 RALEIGH ROAD  
 STA 76+00 TO 82+00  
 CITY OF MADISON SANITARY SEWER - CITY PROJECT NO. 12112

7701 WEST MINERAL POINT ROAD  
 VERONA, WI 53593

Toll Free (800) 242-8511 or- 811  
 Hearing Impaired TDD (800) 542-2289  
[www.DiggersHotline.com](http://www.DiggersHotline.com)

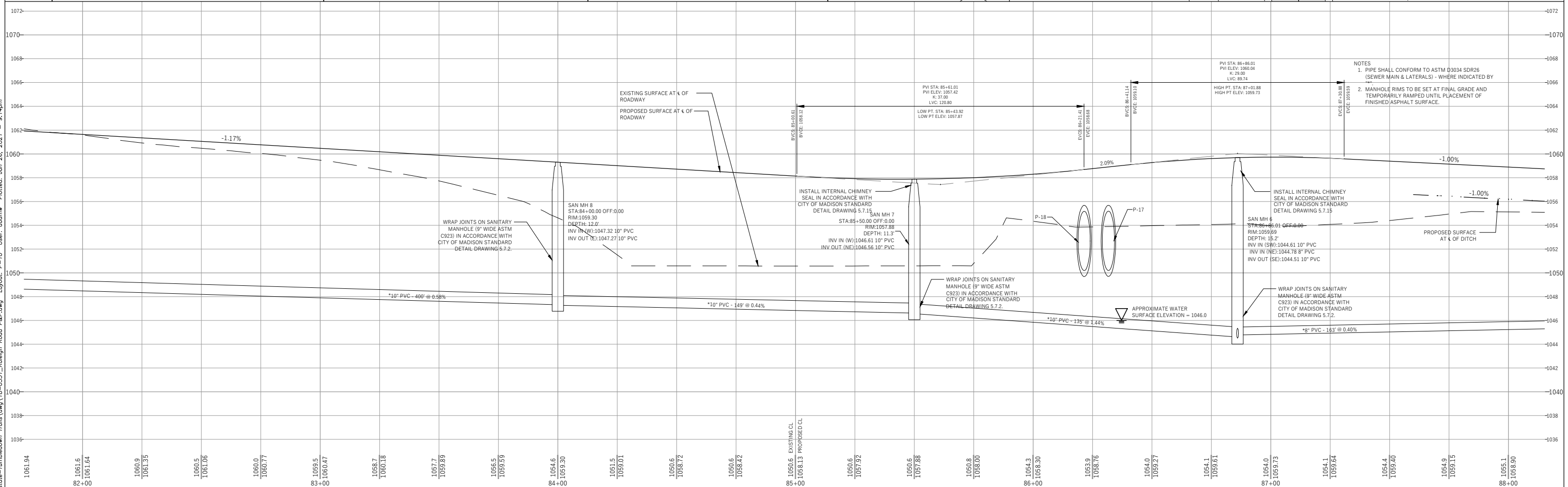
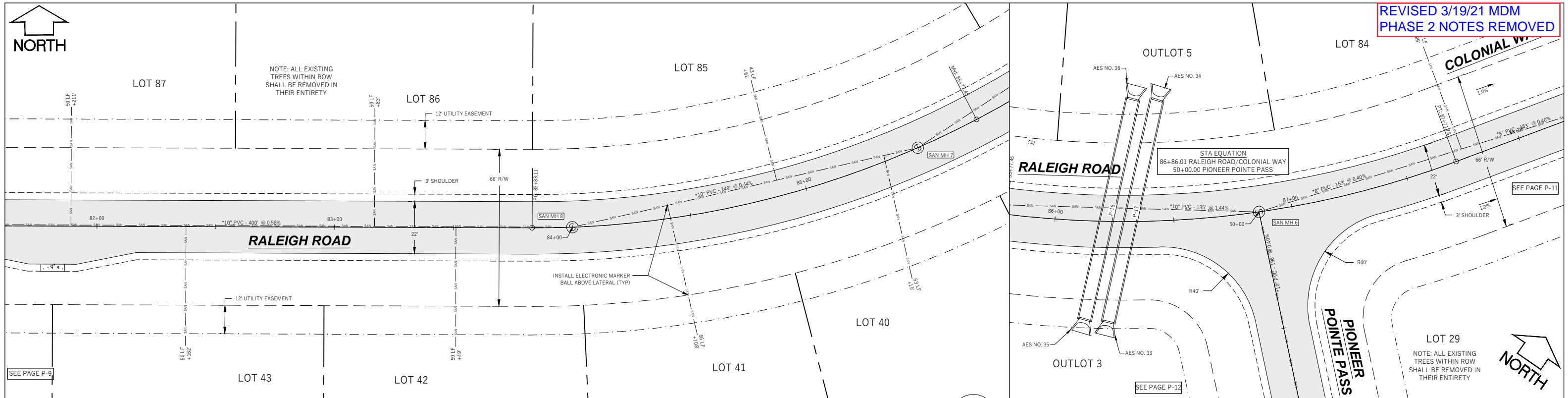
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No.	Date	Description

Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	P-9

File: C:\Users\adam\Desktop\18-0551\_Raleigh\_Road\_P&P.dwg Layout: P-9 User: Adam Plotted: Oct 22, 2020 - 1:10pm





- NOTES
- PIPE SHALL CONFORM TO ASTM D3034 SDR26 (SEWER MAIN & LATERALS) - WHERE INDICATED BY ---
  - MANHOLE RIMS TO BE SET AT FINAL GRADE AND TEMPORARILY RAMPED UNTIL PLACEMENT OF FINISHED ASPHALT SURFACE.

**WYSER ENGINEERING**

PIONEER POINTE  
TOWN OF MIDDLETON, DANE COUNTY, WI

Sheet Title:  
PLAN AND PROFILE  
RALEIGH ROAD  
STA 82+00 TO 88+00

7701 WEST MINERAL POINT ROAD  
VERONA, WI 53593

**DIGGERS HOTLINE**  
Toll Free (800) 242-8511 or-811  
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www.DiggersHotline.com

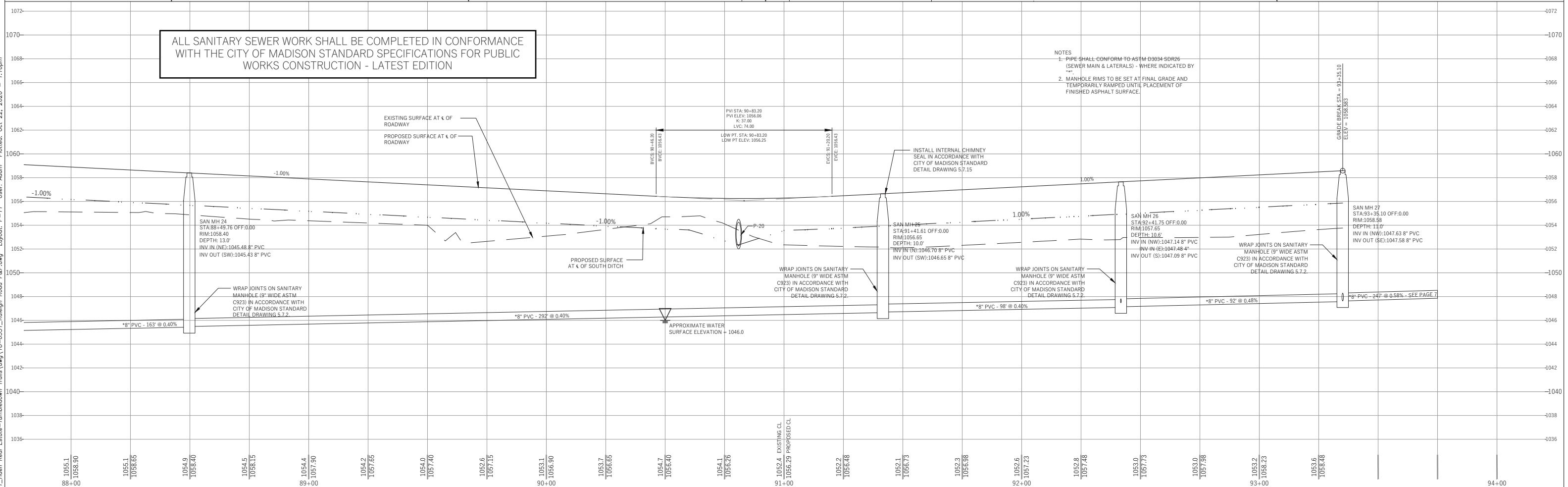
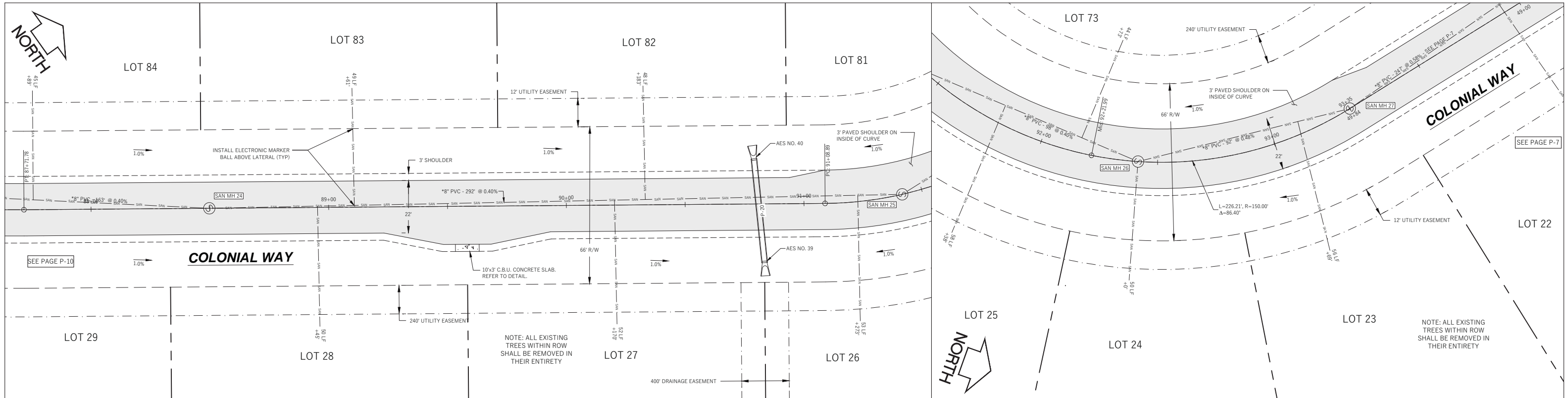
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1" = 40'

No.	Date	Description
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Wyser Number	18-0551
Set Type	REVIEW
Date Issued	10/21/2020
Sheet Number	P-10

File: W:\2018\180551\_Heen Real Estate-Tumbledown Trails\dwg\18-0551\_Raleigh Road P&P.dwg Layout: P-10 User: adamw Plotted: Jan 26, 2021 - 9:14pm

File: C:\Users\adam\OneDrive\Desktop\18-0551\_Raleigh\_Road\_P&P.dwg User: Adam Plotdate: Oct 22, 2020 1:10pm Layout: P-11



ALL SANITARY SEWER WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - LATEST EDITION

- NOTES
- PIPE SHALL CONFORM TO ASTM D3034 SDR36 (SEWER MAIN & LATERALS) - WHERE INDICATED BY \*\*\*
  - MANHOLE RIMS TO BE SET AT FINAL GRADE AND TEMPORARILY RAMPED UNTIL PLACEMENT OF FINISHED ASPHALT SURFACE.

**PIONEER POINTE**  
**TOWN OF MIDDLETON, DANE COUNTY, WI**



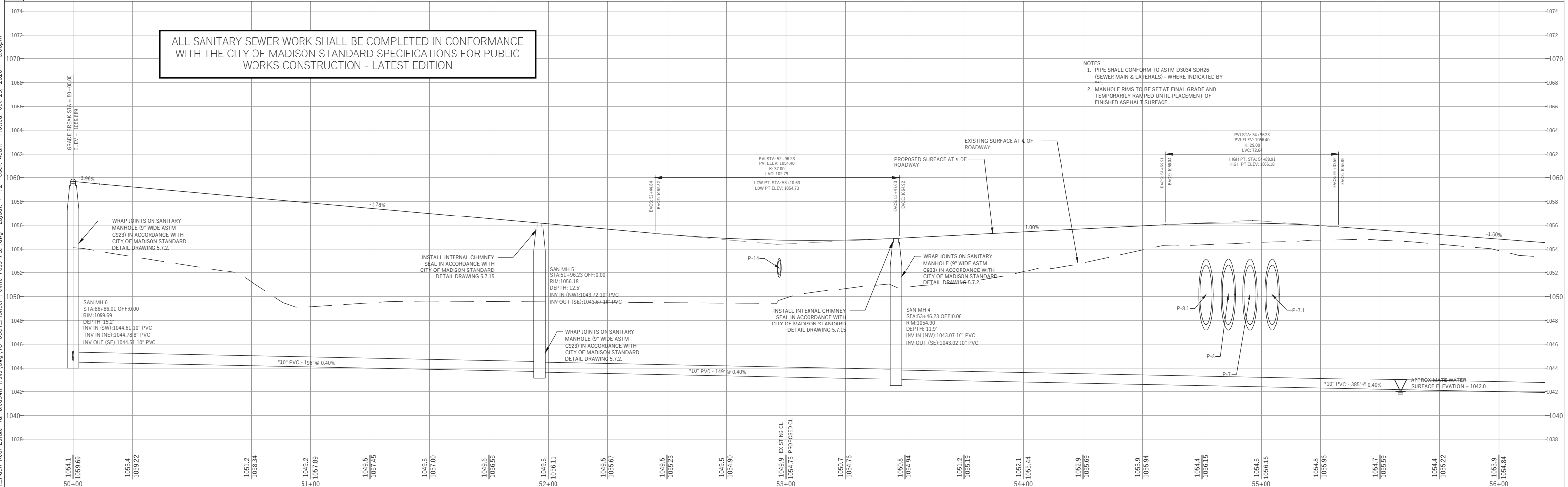
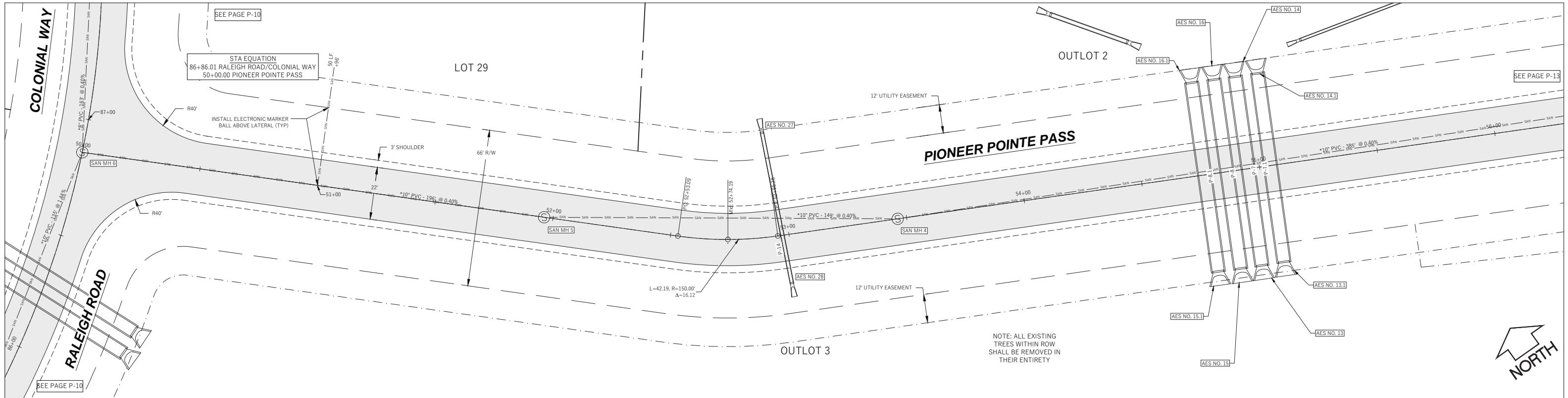
Sheet Title:  
 PLAN AND PROFILE  
 COLONIAL WAY  
 STA 88+00 TO END  
 CITY OF MADISON SANITARY SEWER - CITY PROJECT NO. 12112

7701 WEST MINERAL POINT ROAD  
 VERONA, WI 53593

**DIGGERS HOTLINE**  
 Toll Free (800) 242-8511 or- 811  
 Hearing Impaired TDD (800) 542-2289  
 www.DiggersHotline.com

Graphic Scale	
0' 5" 10" 20' 30' 1" = 40'	
Revisions:	Date:
No.	Description:

Wyser Number	18-0551
Set Type	FOR CONSTRUCTION
Date Issued	10/22/2020
Sheet Number	P-11



	<b>PIONEER POINTE</b> TOWN OF MIDDLETON, DANE COUNTY, WI		Sheet Title: PLAN AND PROFILE PIONEER POINTE PASS STA 50+00 TO 56+00	<p>Toll Free (800) 242-8511 or- 811          Hearing Impaired TDD (800) 542-2289  <a href="http://www.DiggersHotline.com">www.DiggersHotline.com</a></p>	Graphic Scale 0' 5' 10' 20' 30' 1" = 40'	Revisions: No.    Date    Description	Wyser Number    18-0551 Set Type            FOR CONSTRUCTION Date Issued        10/22/2020 Sheet Number      P-12
	7701 WEST MINERAL POINT ROAD VERONA, WI 53593					No.    Date    Description	

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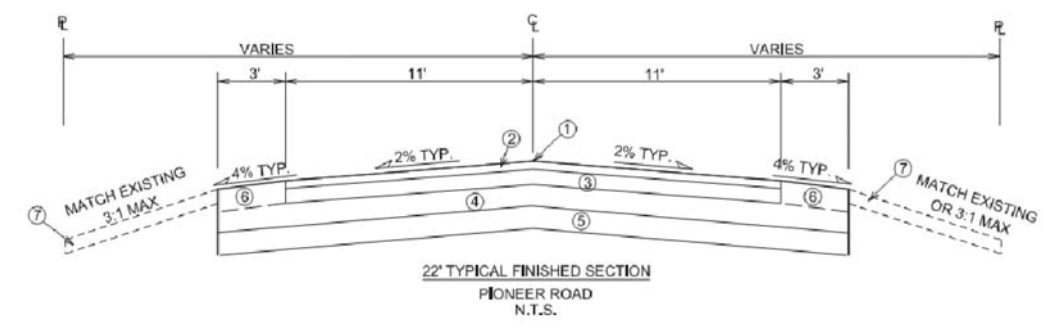
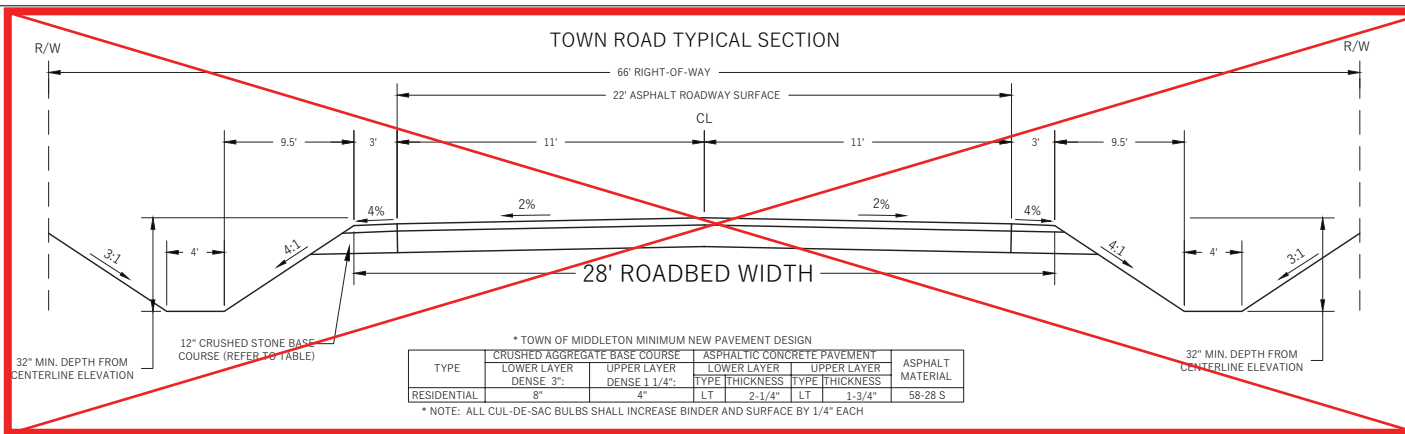




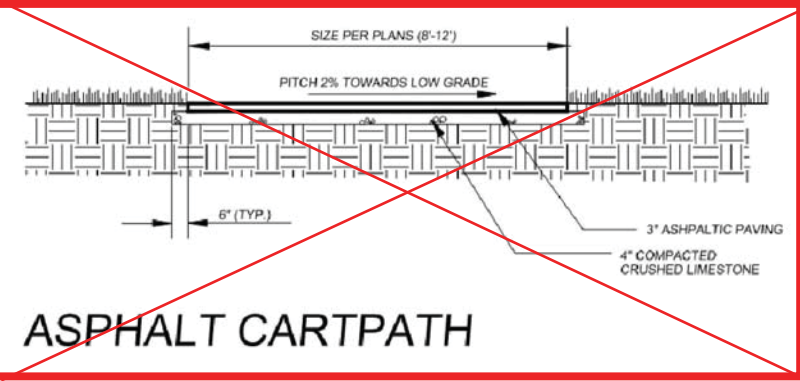
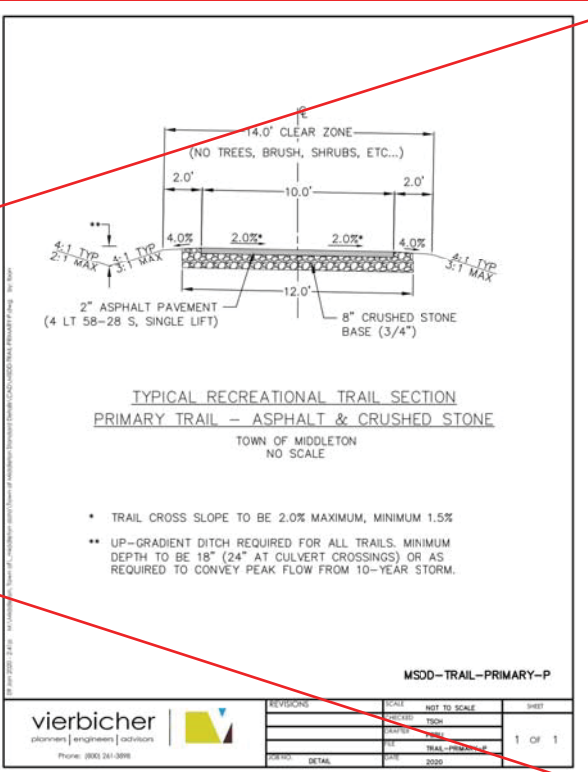
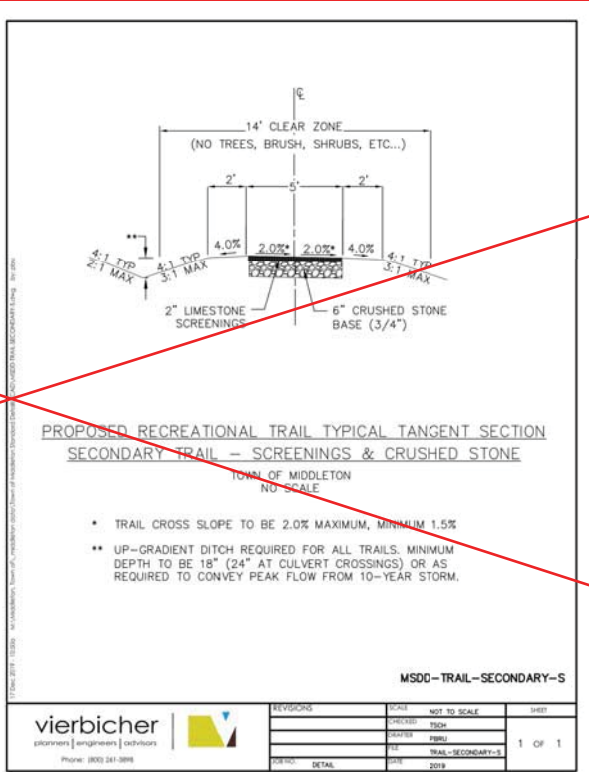
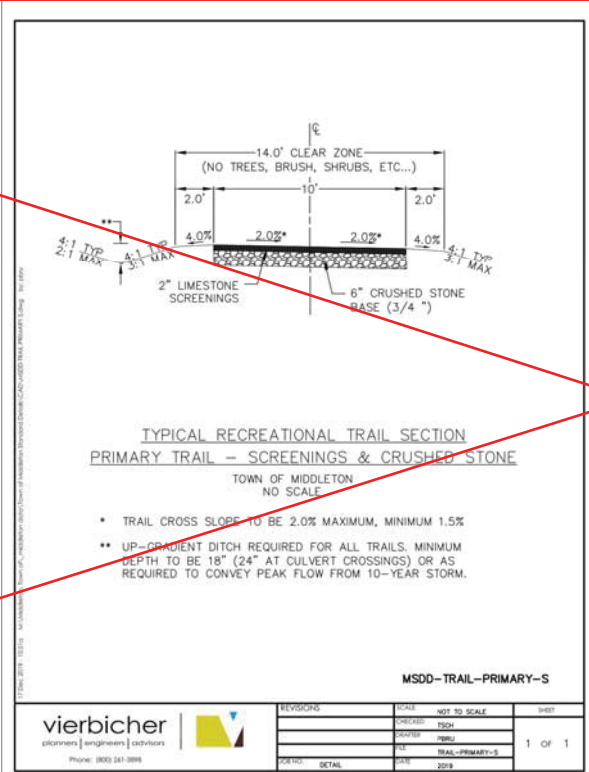
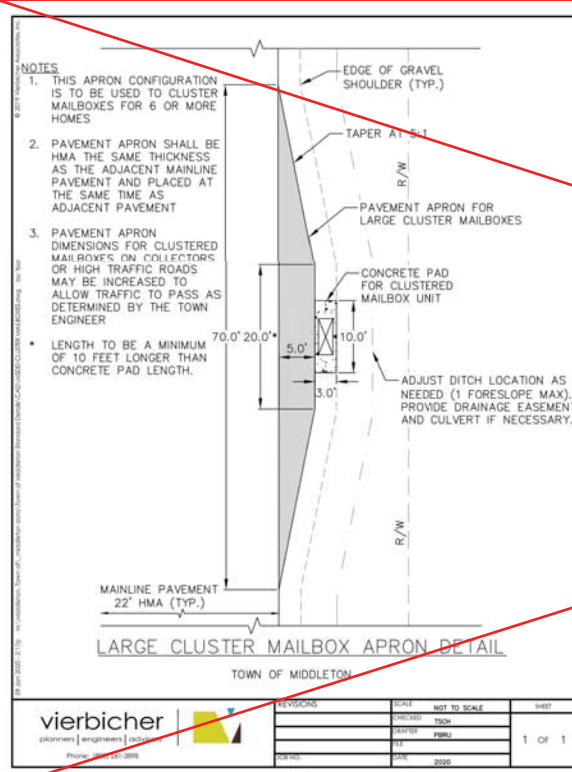








- ① POINT REFERRED TO ON PROFILE
- ② 1 1/2" BITUMINOUS UPPER LAYER, TYPE E-1
- ③ 2 1/2" BITUMINOUS LOWER BINDER LAYER, TYPE E-1
- ④ 6" GRADATION 2 OR 3 CRUSHED AGGREGATE
- ⑤ 8" CRUSHED STONE BASE COURSE NO. 1
- ⑥ 3.5" CRUSHED STONE BASE COURSE NO. 3
- ⑦ RESTORE DISTURBED AREAS W/ 6" TOPSOIL, SEED & MAT



File: C:\Users\adam\Desktop\18-0551\_Details.dwg Layout: D-3 User: Adam Plotted: Oct 23, 2020 12:24pm

