

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

## DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

## HAWKS WOODS ESTATES PHASE 1

### ASHWORTH DRIVE, HAWKSTONE WAY, WOODS ROAD

### CITY PROJECT NO. 53B2236

PUBLIC IMPROVEMENT PROJECT  
APPROVED

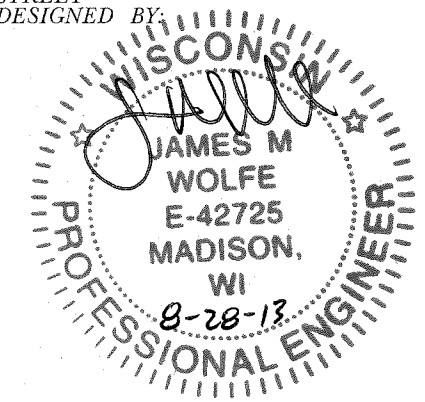
AUGUST 6, 2013

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

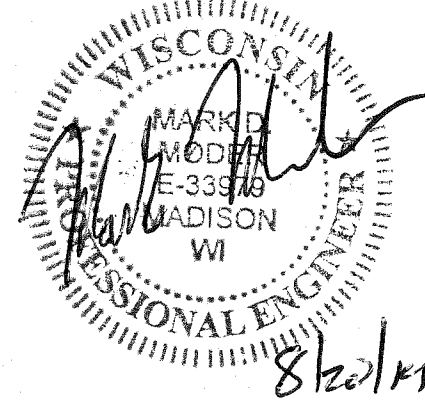
PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

*[Signature]* 8/22/14  
City Engineer Date

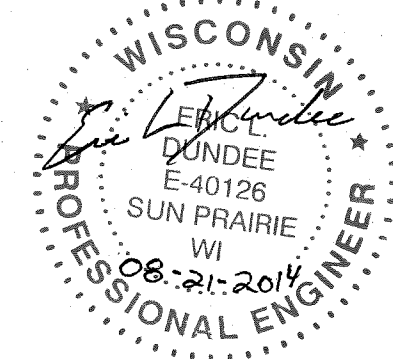
STREET  
DESIGNED BY:



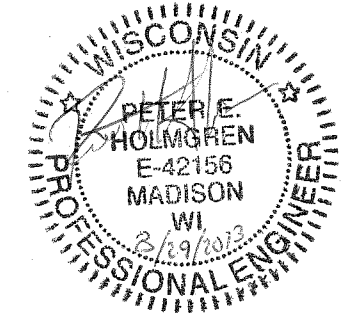
SANITARY SEWER  
DESIGNED BY:



STORM SEWER  
DESIGNED BY:



WATER  
DESIGNED BY:



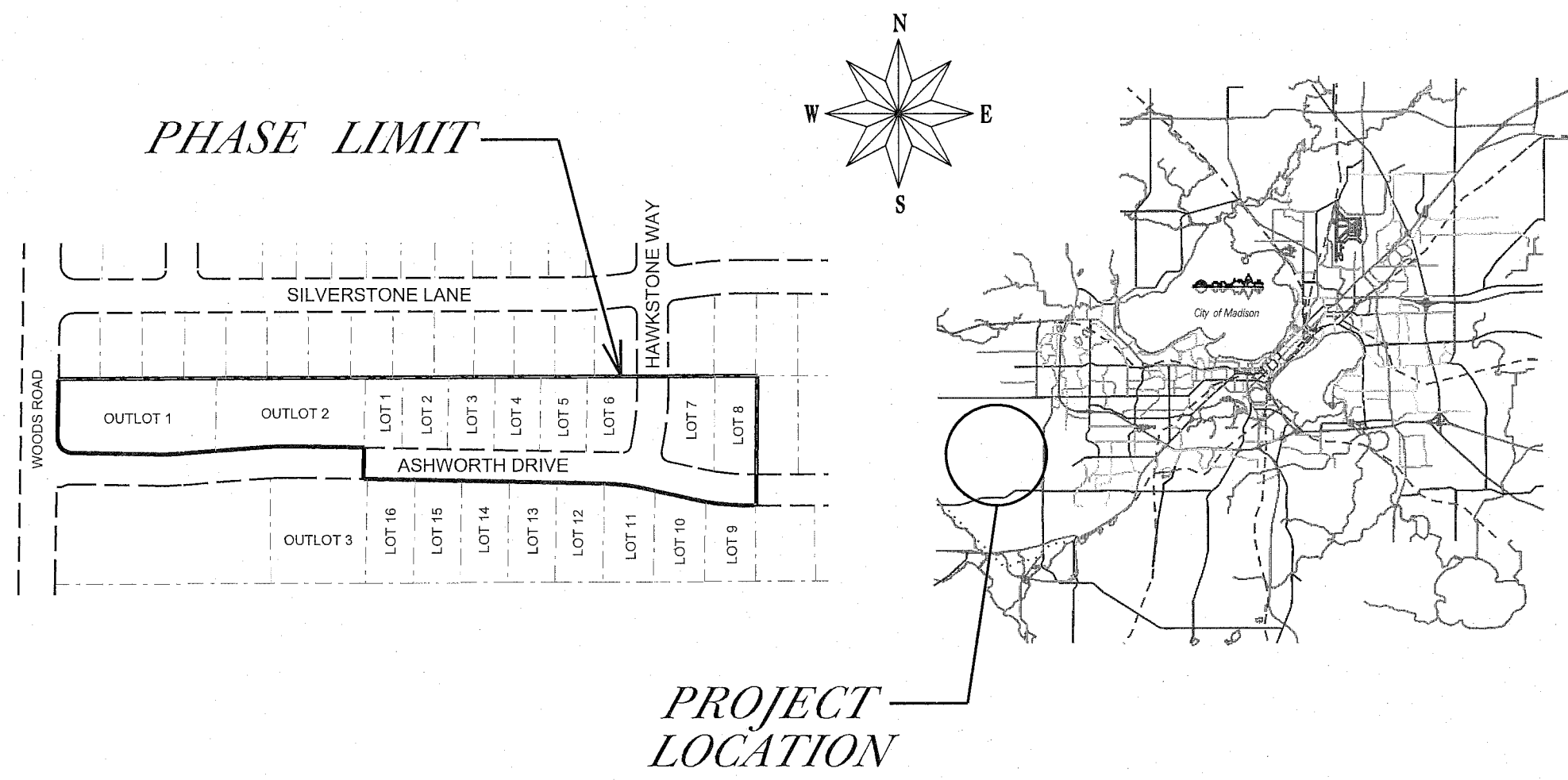
### INDEX OF SHEETS

SHEET NO.	TITLE
1	DETAILS
D1-D4	STREET PLAN & PROFILE
P1-P5	UTILITY PLAN & PROFILE
U1-U6	SEWER SCHEDULES
U7-U8	POND PLAN
U9	SANITARY SEWER ABANDONMENTS
U10	WATER PLAN & PROFILES
W1-W3	WATER IMPACT PLAN & MATERIALS
W4-W5	

PLOT SCALE:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

THE DEVELOPER/CONTRACTOR SHALL INSTALL TRAFFIC CONTROL, INCULDING TEMPORARY PAVING, PER THE INCLUDED TRAFFIC CONTROL PLANS. ALTERNATE OR ADDITIONAL PHASING OF THE TRAFFIC CONTROL SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEERING DEPARTMENT PRIOR TO THE START OF WORK.

ALL PAVEMENT WITHIN THE ASHWORTH DR. & THE HAWKSTONE WAY RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT. ALL PAVEMENT WITHIN THE WOODS RD. RIGHT-OF-WAY SHALL BE TYPE B PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

UNDERDRAINS SHALL BE INSTALLED, PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 2%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.4% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

PLOT SCALE: \_\_\_\_\_

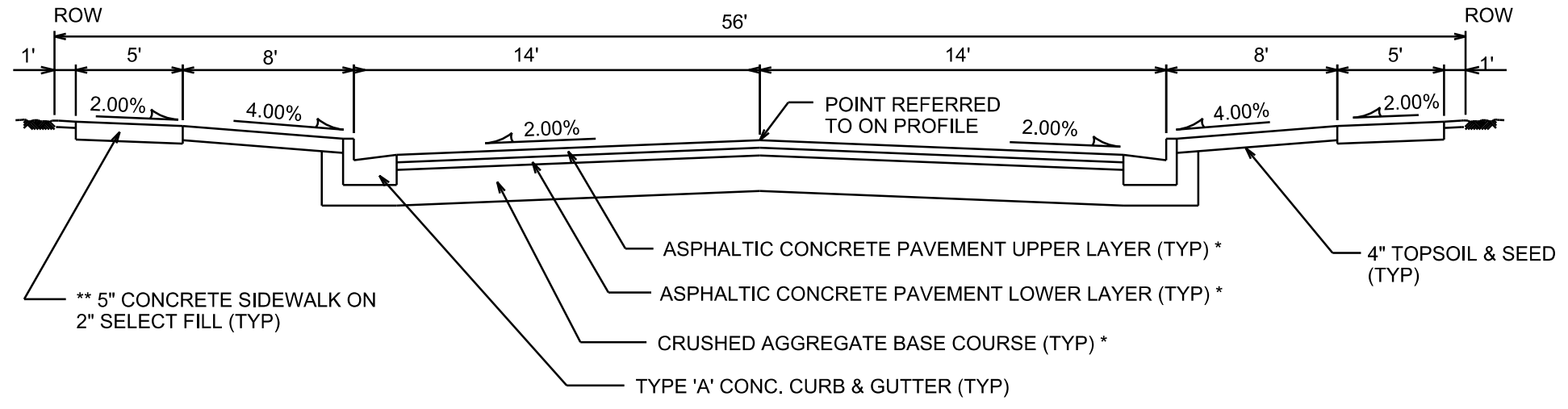
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

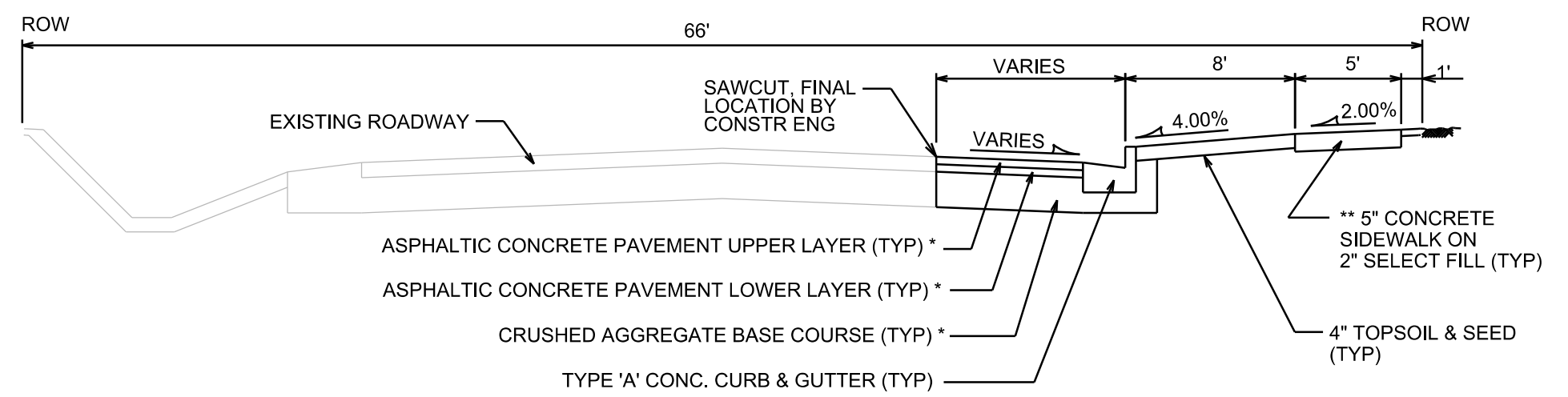
### TYPICAL SECTION - ASHWORTH DRIVE & HAWKSTONE WAY

NOT TO SCALE



### TYPICAL SECTION - WOODS ROAD

NOT TO SCALE



**NOTES:**

\* A PAVEMENT DESIGN IN ACCORDANCE WITH STANDARD DETAIL DRAWING 4.06 IS REQUIRED ON ALL PROJECTS

\*\* 3" OF CRUSHED AGGREGATE BASE COURSE GRADATION 3 SHALL BE PLACED UNDER THE SIDEWALK WHERE THE CENTERLINE GRADE OF THE STREET EXCEEDS 5%

\* CITY OF MADISON MINIMUM PAVEMENT DESIGN

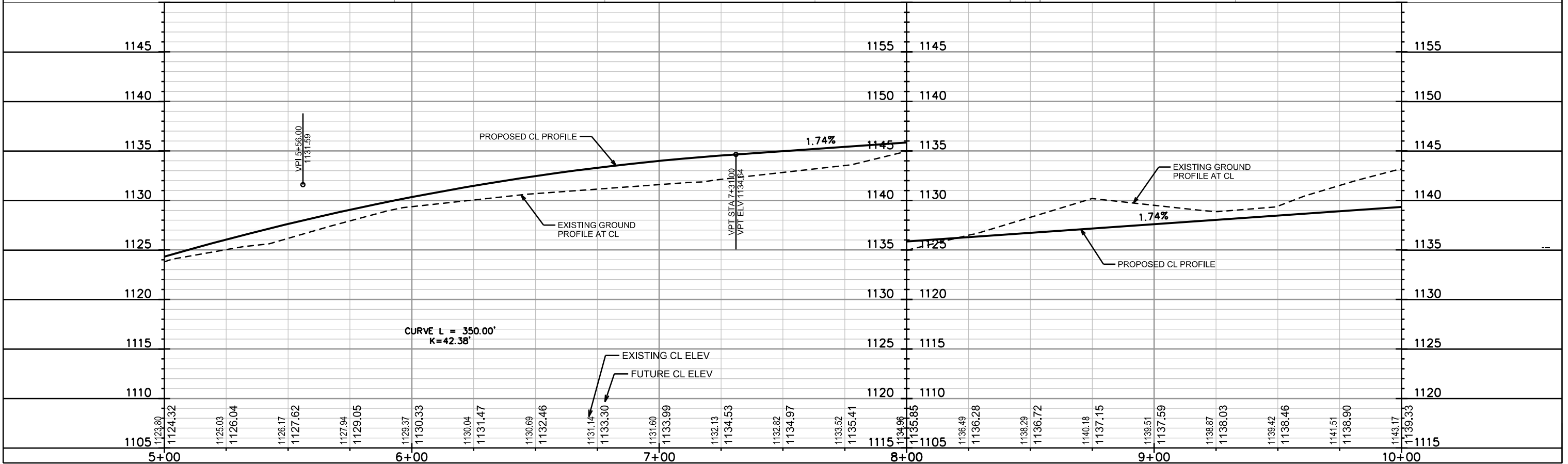
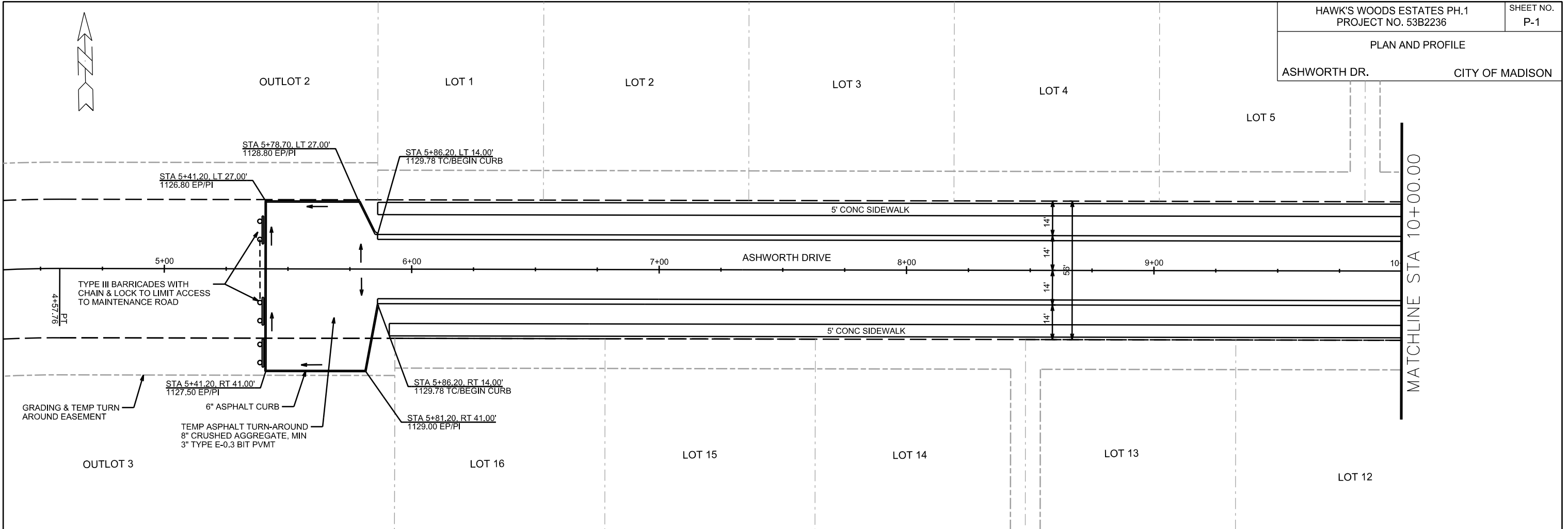
TYPE	CRUSHED AGG. BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	TYPE	THICKNESS	TYPE	THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.50"	E-1	1.75"
C	6"	4"	E-3	3.50"	E-3	1.75"

PLOT SCALE: \_\_\_\_\_

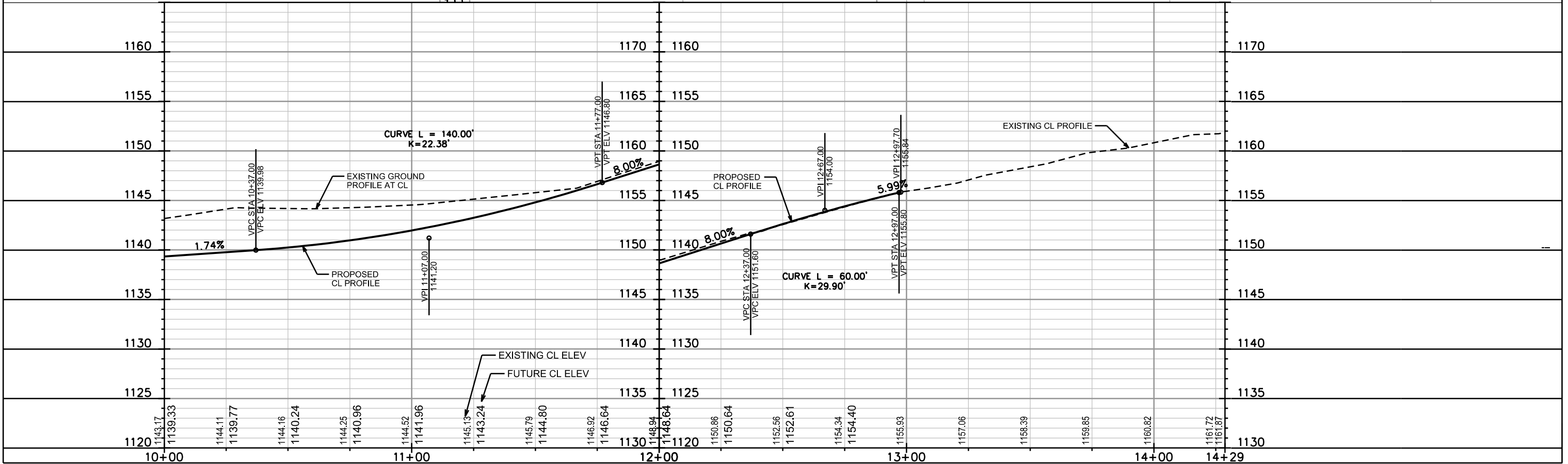
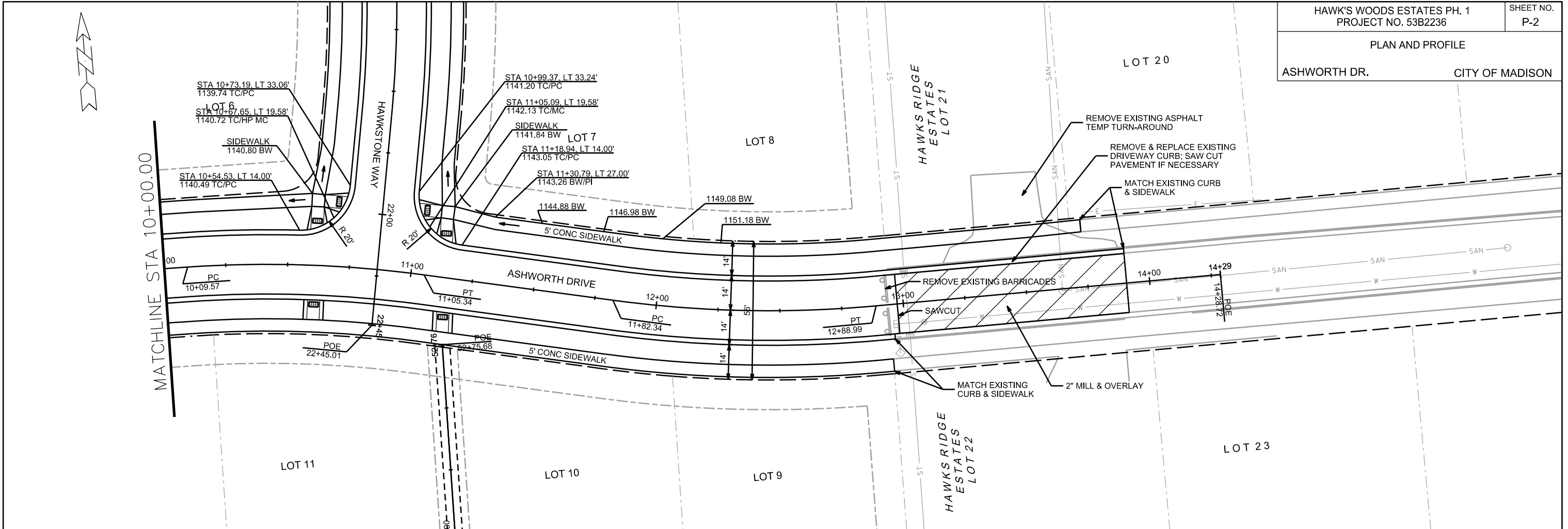
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

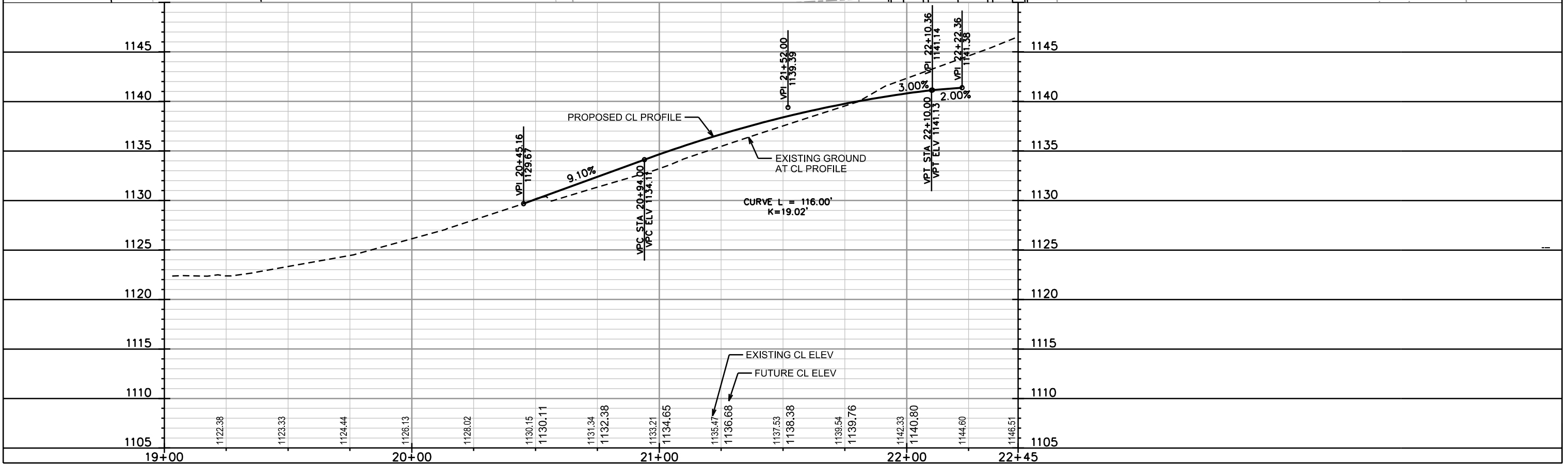
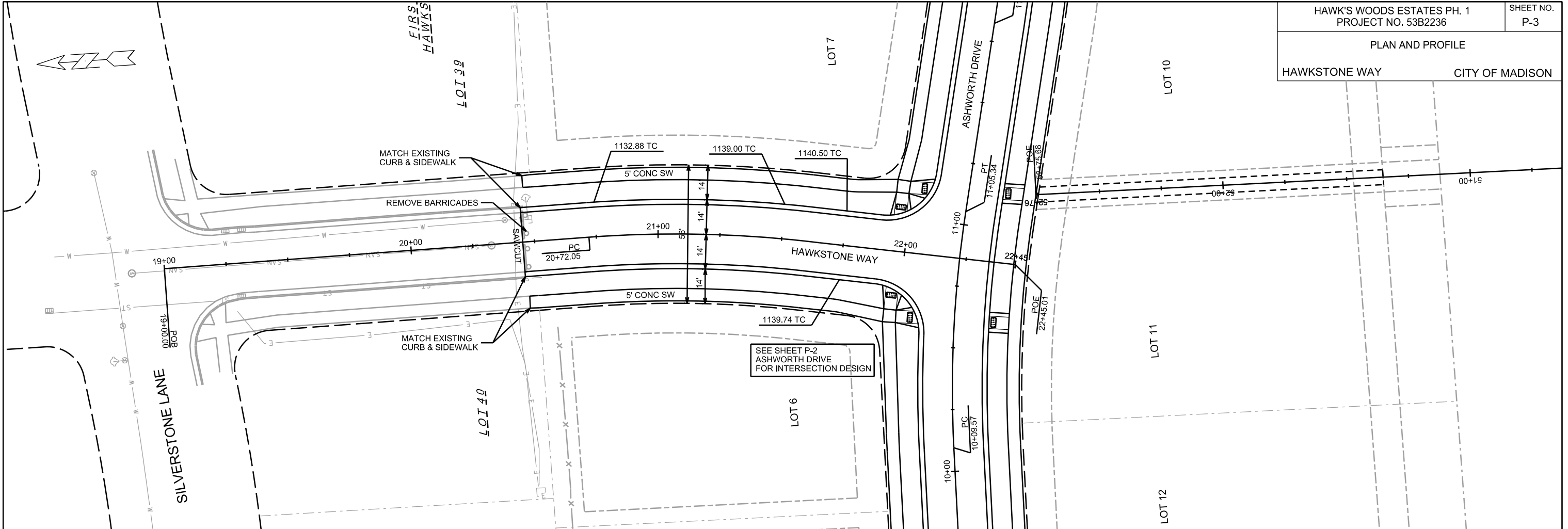
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

WOODS RD. CITY OF MADISON



LANDS

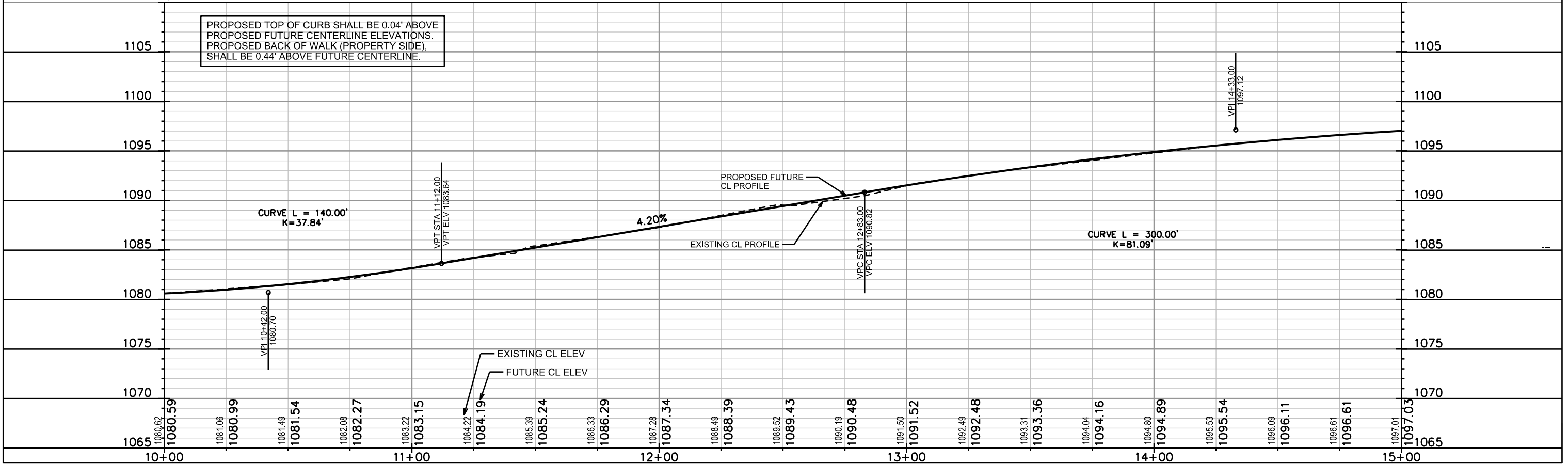
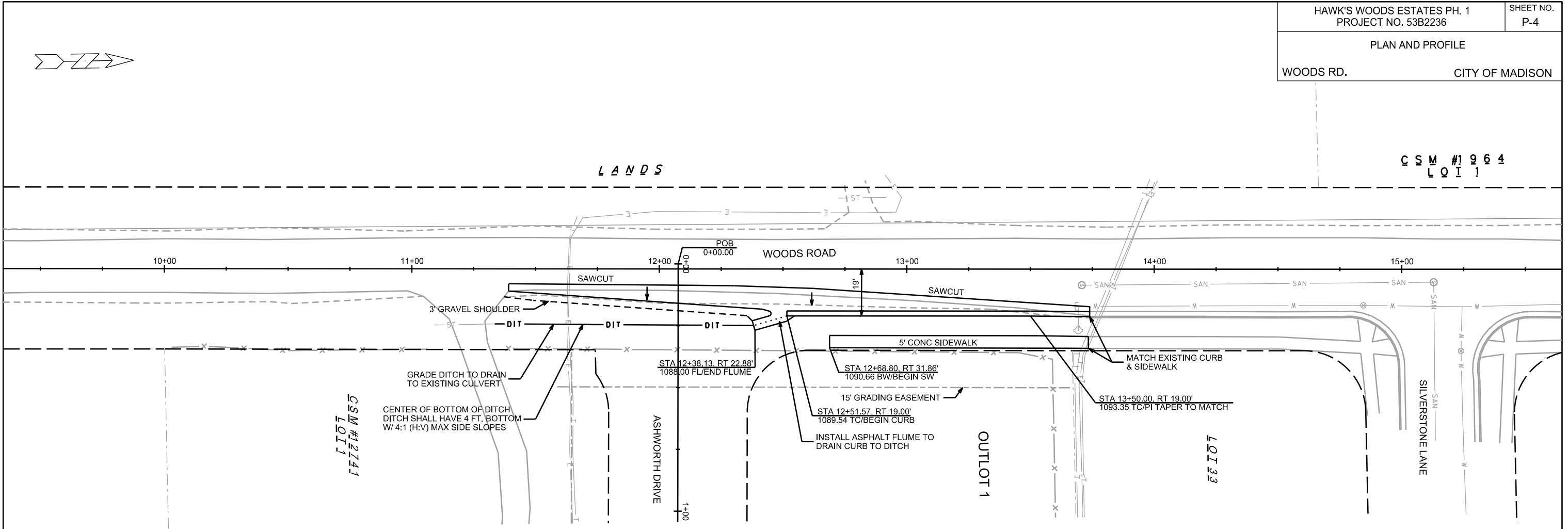
CSM #1964  
LOT 1

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

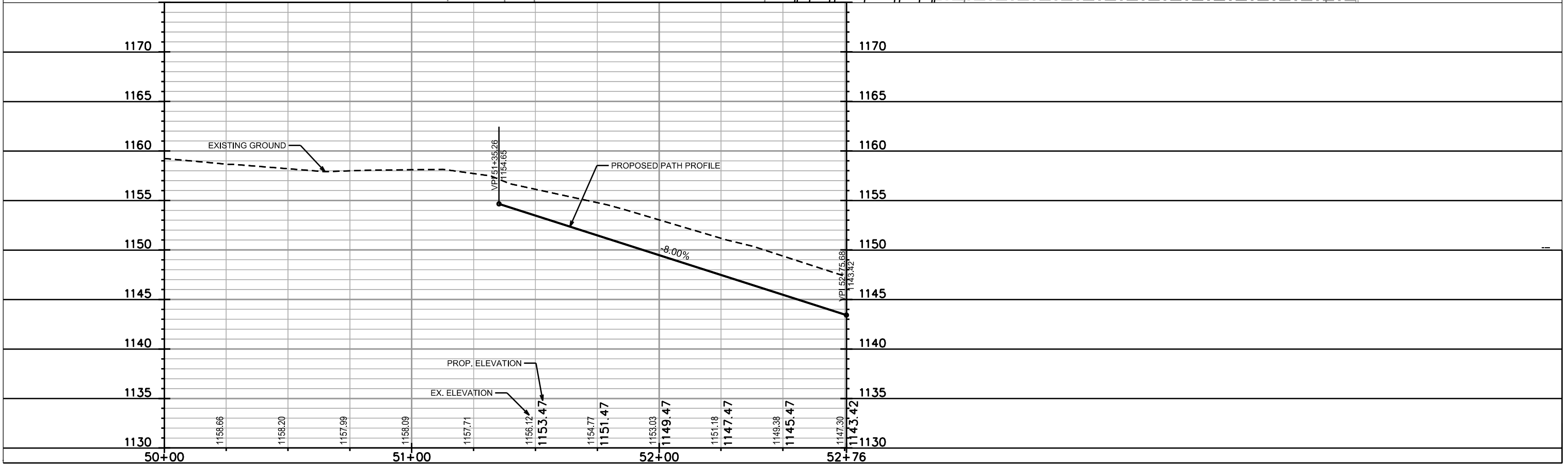
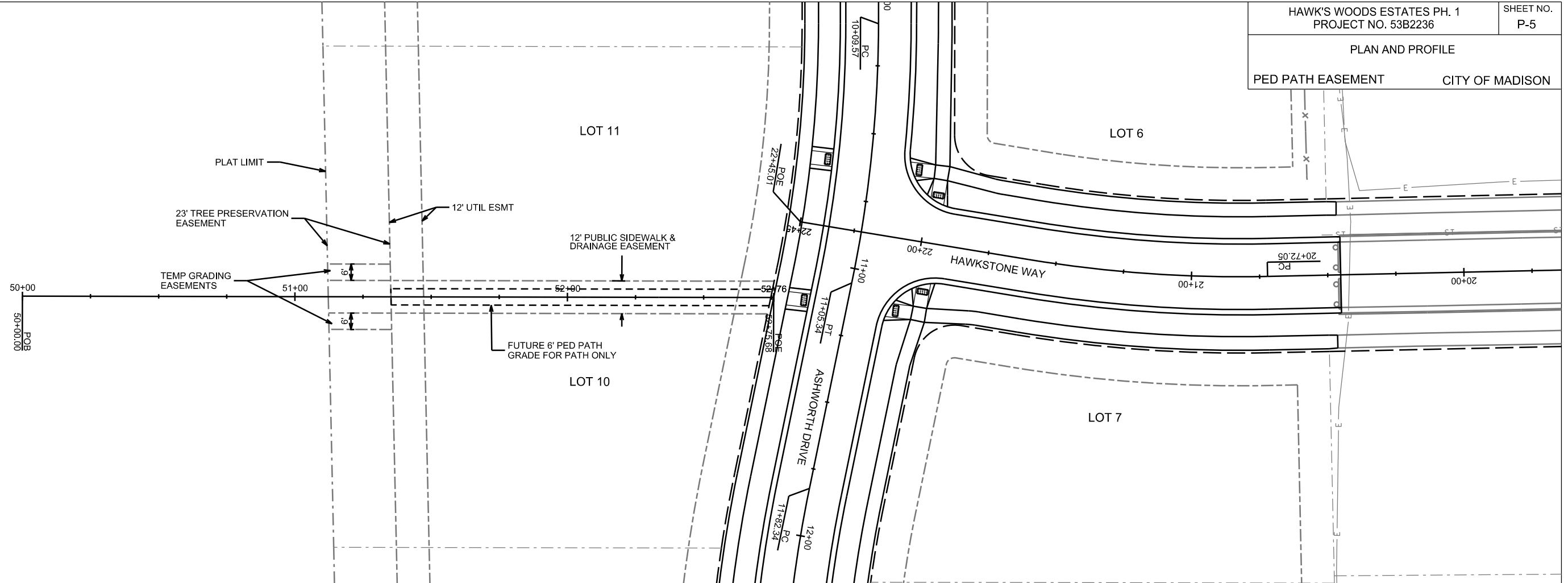
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PROPOSED TOP OF CURB SHALL BE 0.04' ABOVE PROPOSED FUTURE CENTERLINE ELEVATIONS. PROPOSED BACK OF WALK (PROPERTY SIDE), SHALL BE 0.44' ABOVE FUTURE CENTERLINE.

PLAN AND PROFILE  
PED PATH EASEMENT CITY OF MADISON



PLOT SCALE:

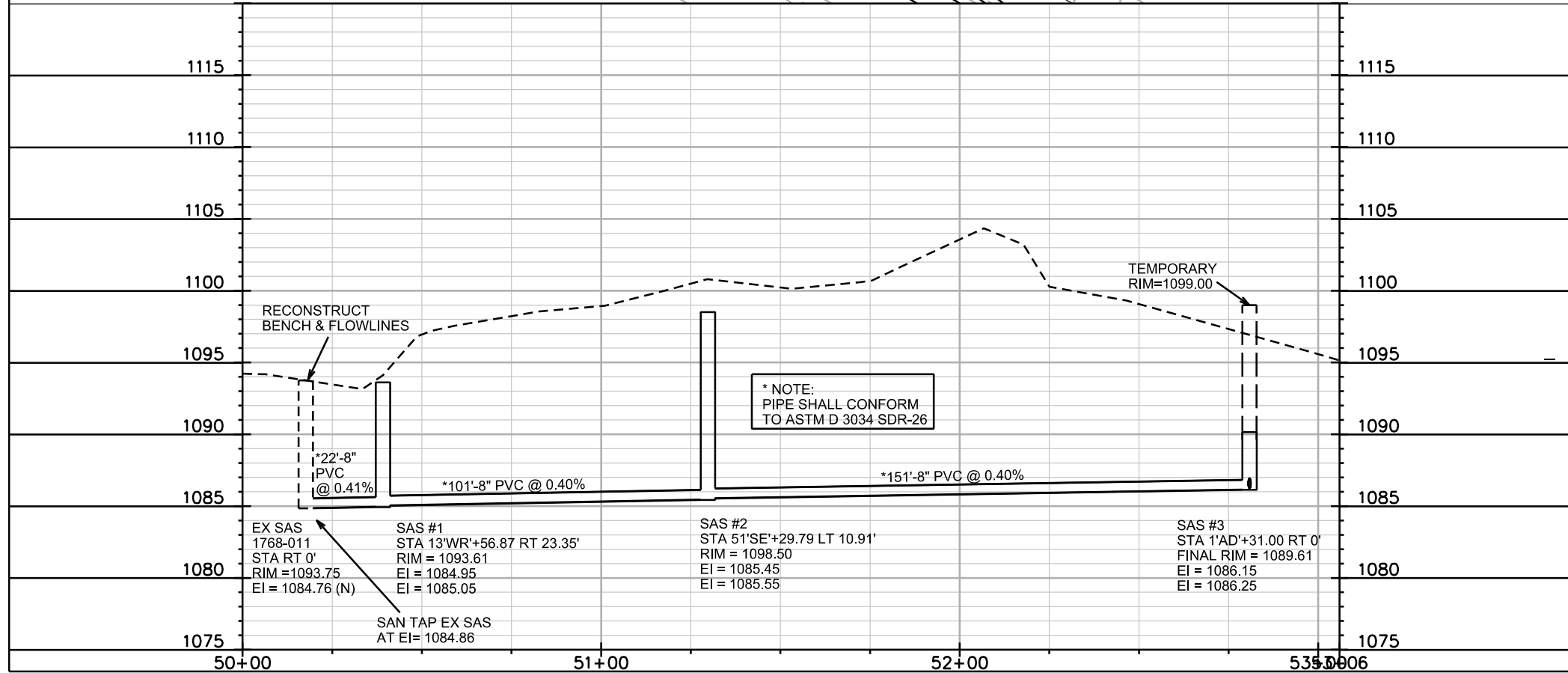
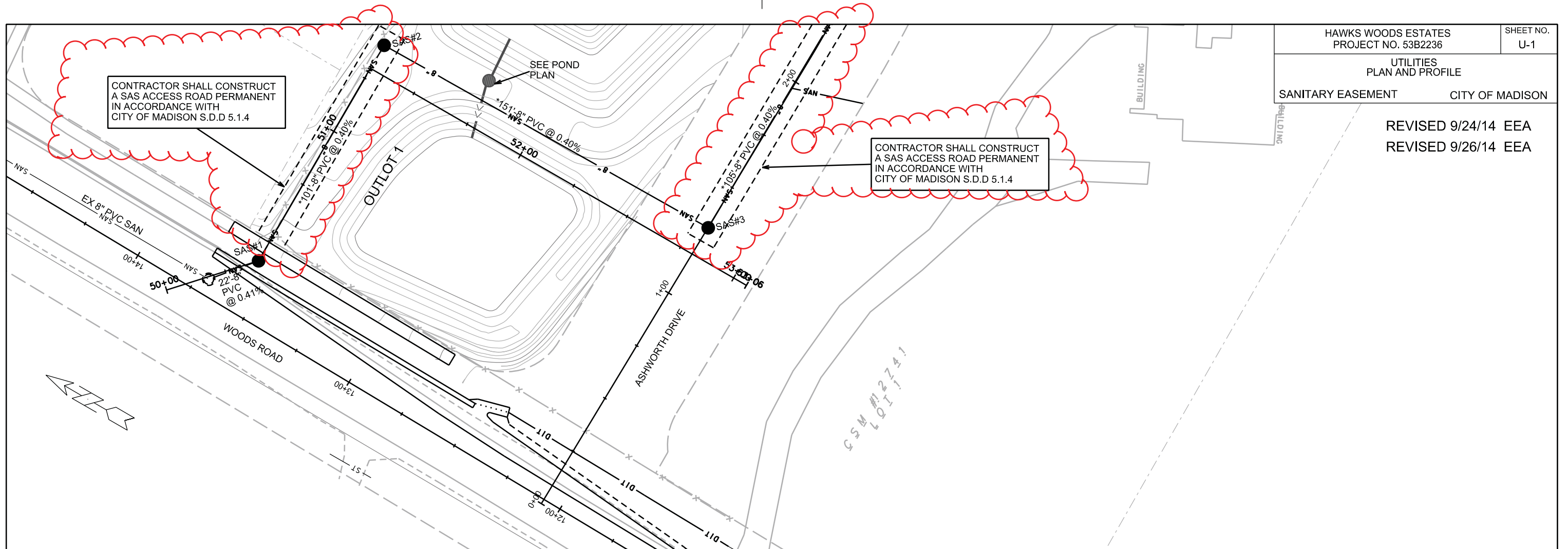
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REVISED 9/24/14 EEA  
REVISED 9/26/14 EEA



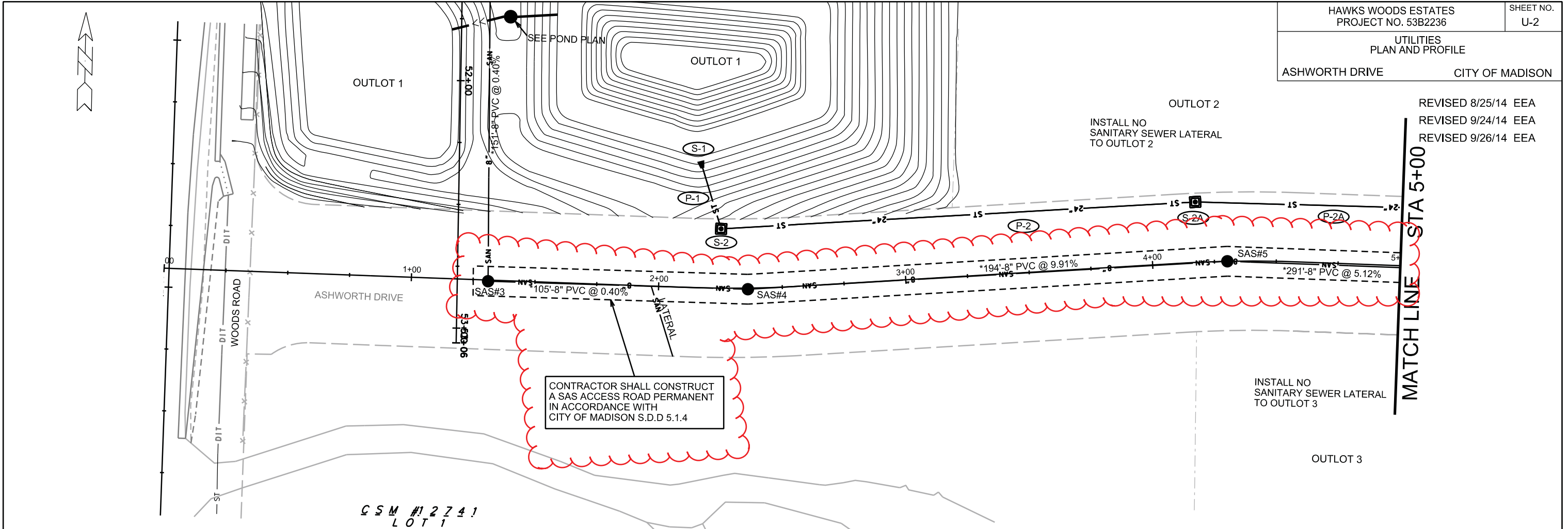
PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

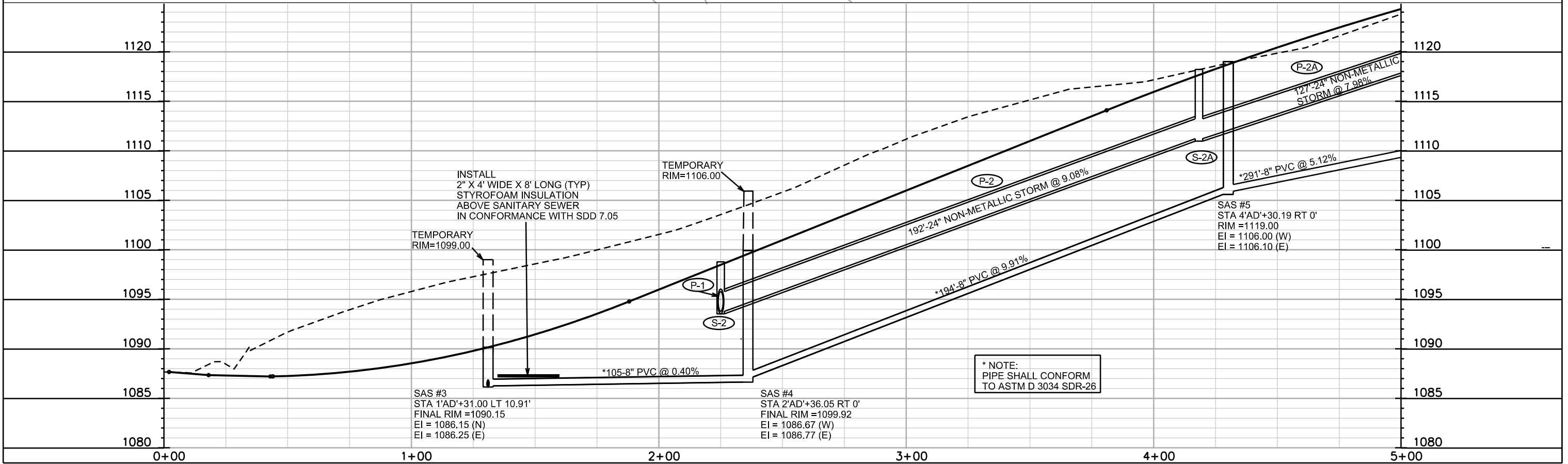
REVISED 8/25/14 EEA  
REVISED 9/24/14 EEA  
REVISED 9/26/14 EEA



CONTRACTOR SHALL CONSTRUCT  
A SAS ACCESS ROAD PERMANENT  
IN ACCORDANCE WITH  
CITY OF MADISON S.D.D 5.1.4

INSTALL NO  
SANITARY SEWER LATERAL  
TO OUTLOT 3

CSM #12741  
LOT 1



INSTALL  
2" X 4' WIDE X 8' LONG (TYP)  
STYROFOAM INSULATION  
ABOVE SANITARY SEWER  
IN CONFORMANCE WITH SDD 7.05

TEMPORARY  
RIM=1099.00

TEMPORARY  
RIM=1106.00

SAS #3  
STA 1'AD'+31.00 LT 10.91'  
FINAL RIM =1090.15  
EI = 1086.15 (N)  
EI = 1086.25 (E)

SAS #4  
STA 2'AD'+36.05 RT 0'  
FINAL RIM =1099.92  
EI = 1086.67 (W)  
EI = 1086.77 (E)

SAS #5  
STA 4'AD'+30.19 RT 0'  
RIM =1119.00  
EI = 1106.00 (W)  
EI = 1106.10 (E)

\* NOTE:  
PIPE SHALL CONFORM  
TO ASTM D 3034 SDR-26

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

OUTLOT 2

LOT 1

LOT 2

LOT 3

LOT 4

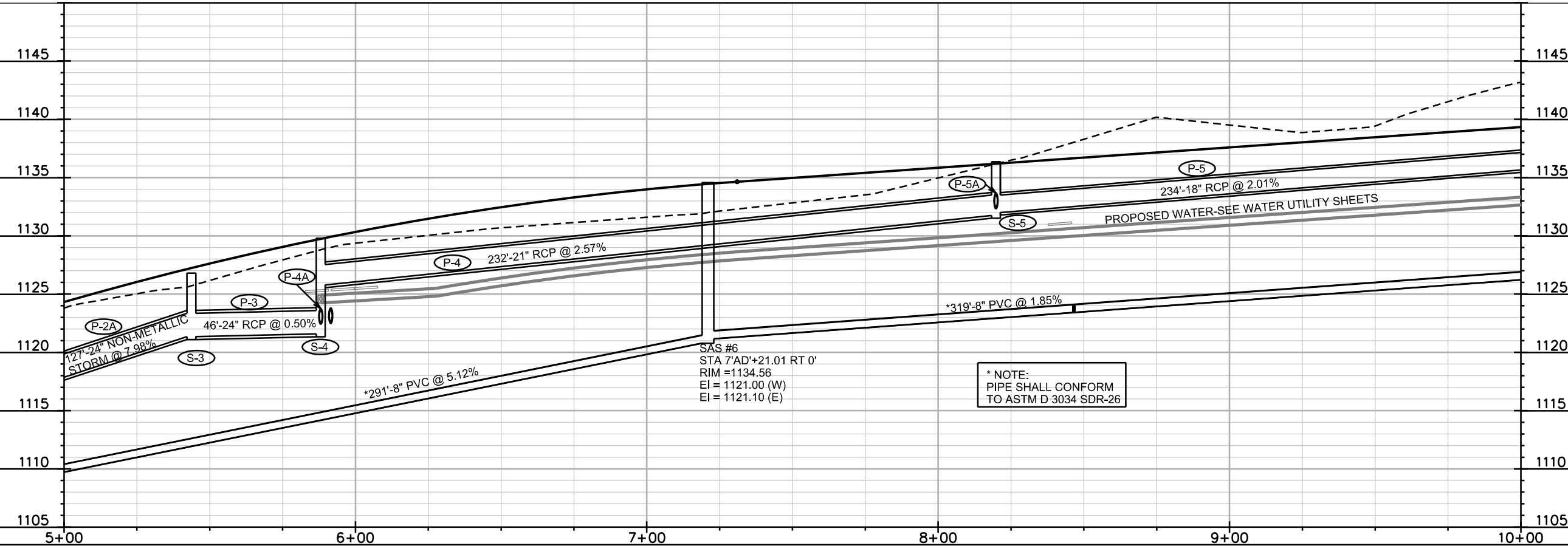
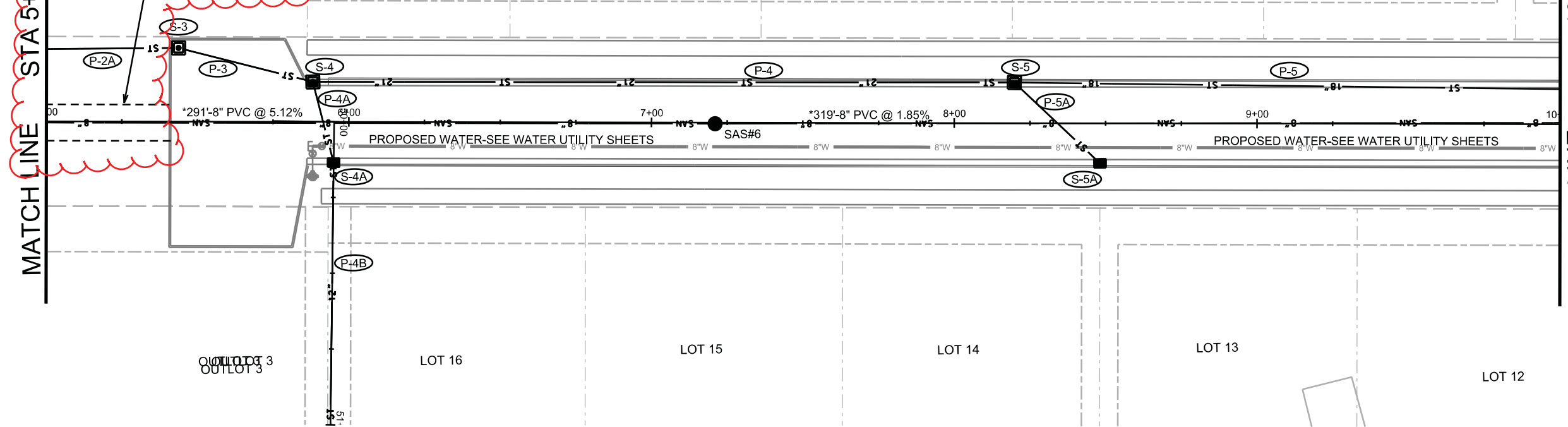
LOT 5

MATCH LINE STA 5+00

MATCH LINE STA 10+00

CONTRACTOR SHALL CONSTRUCT  
A SAS ACCESS ROAD PERMANENT  
IN ACCORDANCE WITH  
CITY OF MADISON S.D.D 5.1.4

WATER LATERALS FOR LOTS 1-3  
MUST BE INSTALLED UNDER  
PROPOSED STORM SEWER



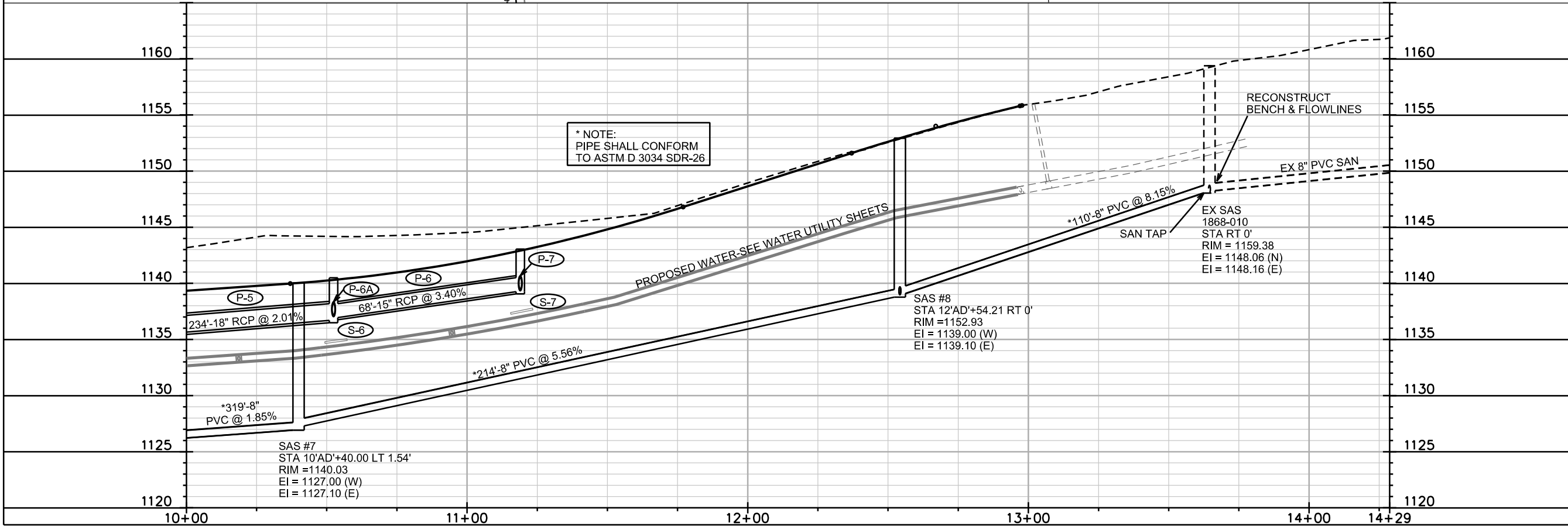
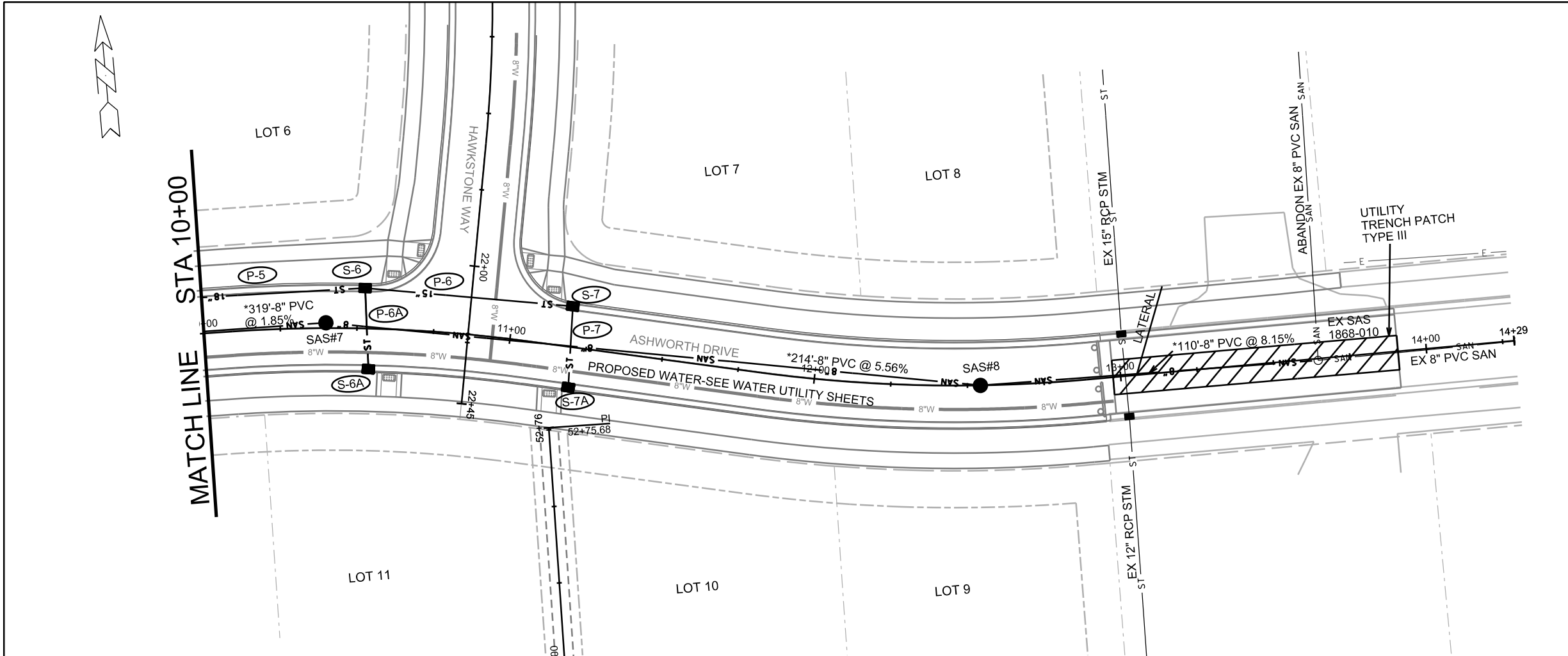
\* NOTE:  
PIPE SHALL CONFORM  
TO ASTM D 3034 SDR-26

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



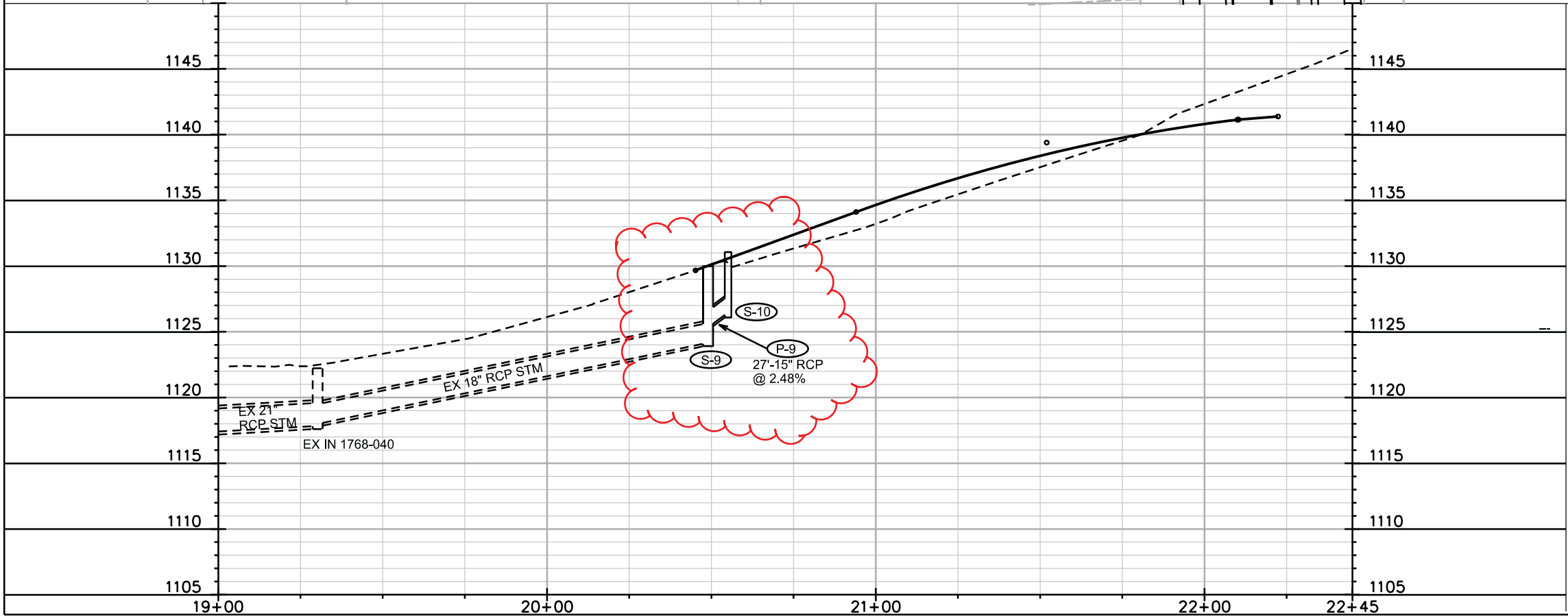
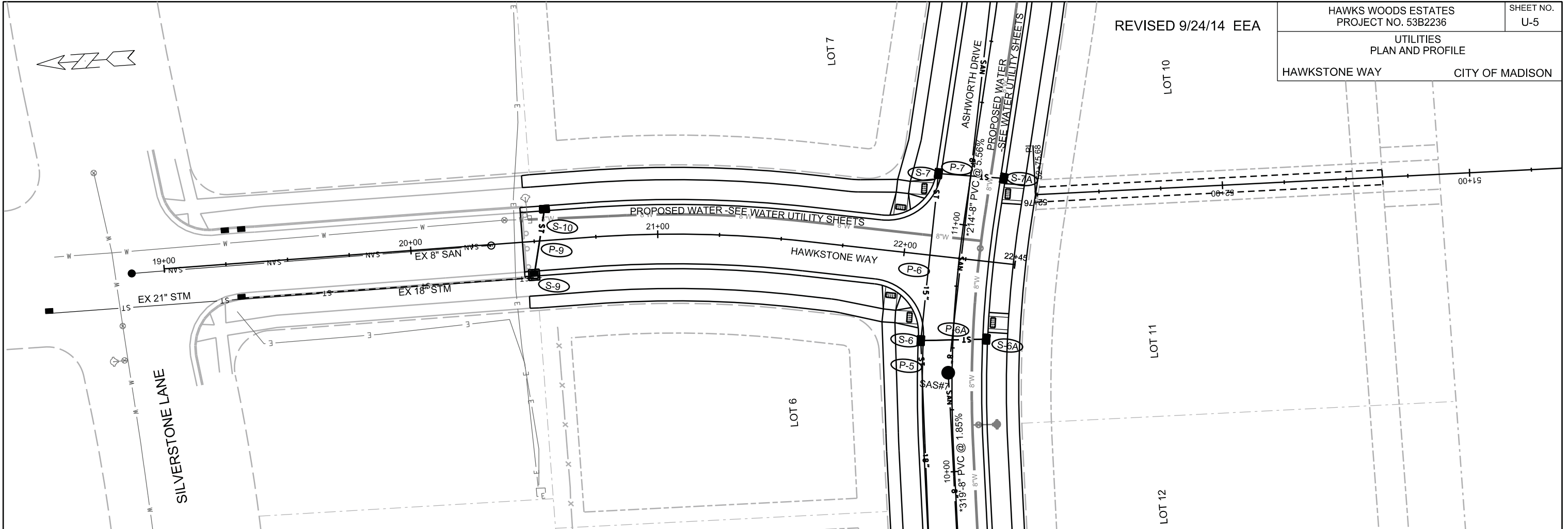
PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 9/24/14 EEA

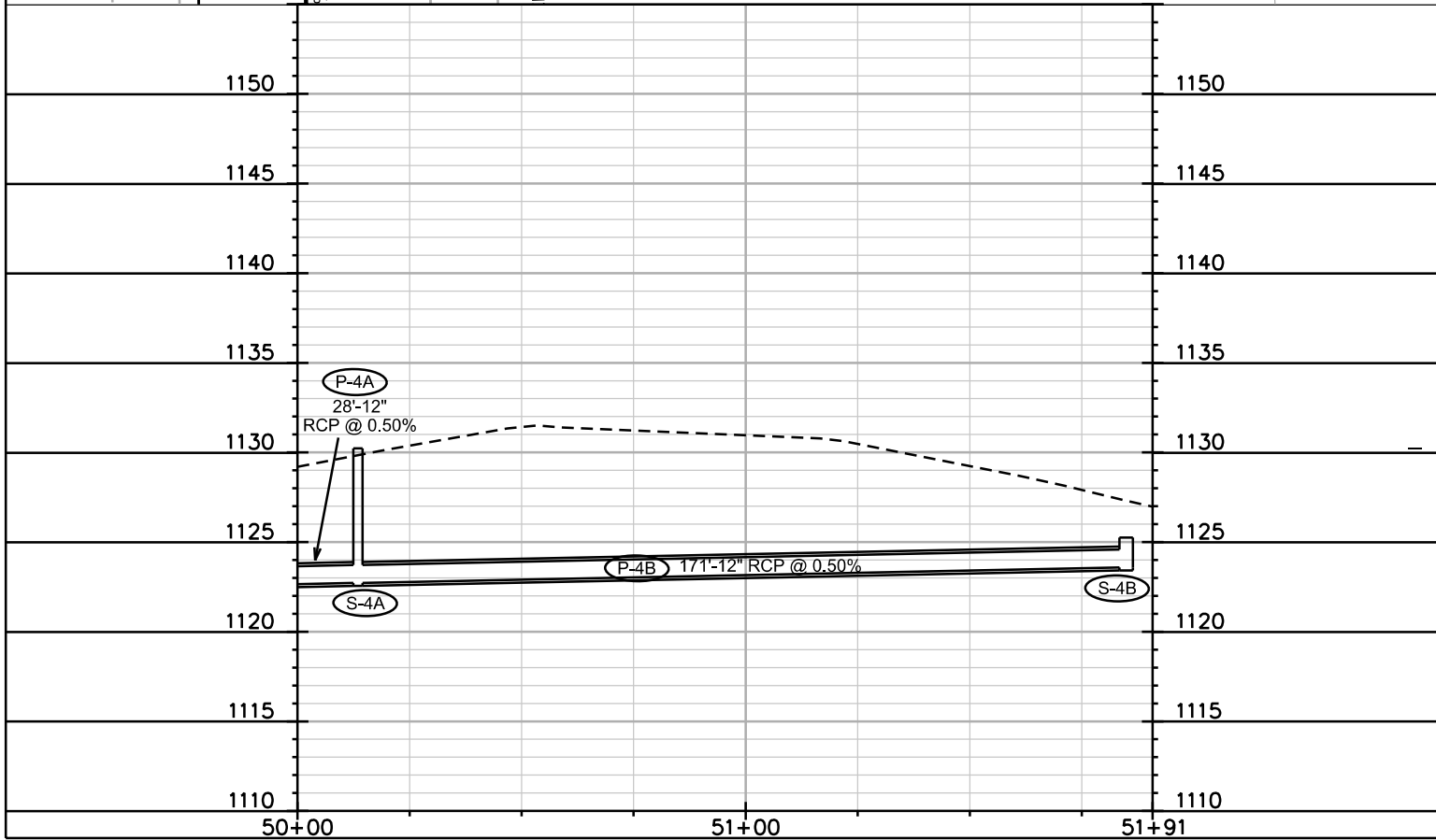
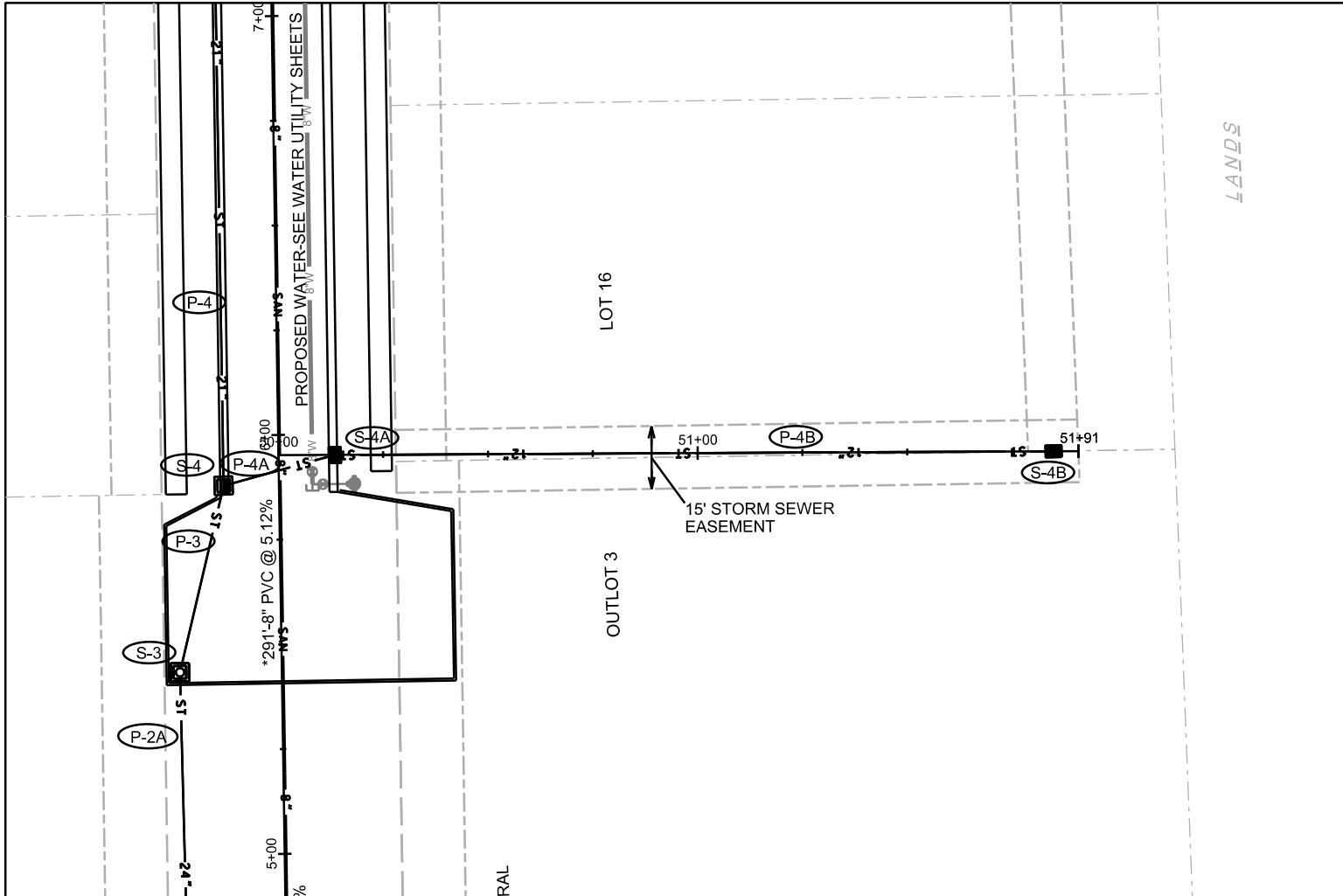


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

# SANITARY SCHEDULE

## ALIGNMENT CODES:

"AD"= ASHWORTH DRIVE  
 "WR"= WOODS ROAD  
 "SE"= SANITARY EASEMENT

\* REVISED 9/24/14 EEA

HAWKS WOODS ESTATES  
 PROJECT NO. 53B2236

SHEET NO.  
 U-7

SANITARY SEWER SCHEDULE

CITY OF MADISON

### PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	FINAL TOP OF CASTING	TEMPORARY TOP OF CASTING	E.I.	DEPTH	NOTES
* SAS#1	13'WR'+56.87	RT-23.35	1093.61	-	<b>1084.95</b>	<b>8.66</b>	-
* SAS#2	51'SE'+29.79	LT-10.91	1098.50	-	<b>1085.45</b>	<b>13.05</b>	-
* SAS#3	1'AD'+31.00	CL	1090.15	1099.00	<b>1086.15</b>	<b>4.00</b>	-
* SAS#4	2'AD'+36.05	CL	1099.92	1106.00	<b>1086.67</b>	<b>13.25</b>	-
SAS#5	4'AD'+30.19	CL	1119.00	-	1106.00	13.00	-
SAS#6	7'AD'+21.01	CL	1134.56	-	1121.00	13.56	-
SAS#7	10'AD'+40.00	LT-1.54	1140.03	-	1127.00	13.03	-
SAS#8	12'AD'+54.21	CL	1152.93	-	1139.00	13.93	-

### PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
* EX SAS 1768-011	SAS#1	<b>1084.86</b>	<b>1084.95</b>	22	<b>0.41%</b>	8"	SDR-26	-
* SAS#1	SAS#2	<b>1085.05</b>	<b>1085.45</b>	101	<b>0.40%</b>	8"	SDR-26	-
* SAS#2	SAS#3	<b>1085.55</b>	<b>1086.15</b>	151	<b>0.40%</b>	8"	SDR-26	-
* SAS#3	SAS#4	<b>1086.25</b>	<b>1086.67</b>	105	<b>0.40%</b>	8"	SDR-26	-
* SAS#4	SAS#5	<b>1086.77</b>	1106.00	194	<b>9.91%</b>	8"	SDR-26	-
SAS#5	SAS#6	1106.10	1121.00	291	5.12%	8"	SDR-26	-
SAS#6	SAS#7	1121.10	1127.00	319	1.85%	8"	SDR-26	-
SAS#7	SAS#8	1127.10	1139.00	214	5.56%	8"	SDR-26	-
SAS#8	EX SAS 1868-010	1139.10	1148.06	110	8.15%	8"	SDR-26	-

### ABANDON SANITARY STRUCTURES

STRUC ID NO.	NOTES
1868-009	SEE ABANDONMENT SHEET FOR LOCATION
1868-008	SEE ABANDONMENT SHEET FOR LOCATION

### ABANDON SANITARY SEWER

ABANDON FROM	ABANDON TO	LENGTH (FT)	PIPE SIZE (DIA)	TYPE	NOTES
1868-010	1868-009	189	8	PVC	PIPE PLUGS
1868-009	1868-008	118	8	PVC	PIPE PLUGS
1868-008	1868-007	168	8	PVC	PIPE PLUGS

# STORM SEWER SCHEDULE

## ALIGNMENT CODES:

"AD"= ASHWORTH DRIVE  
 "HW"= HAWKSTONE WAY  
 "ST"= STORM EASEMENT

\* REVISED 9/24/14 EEA

HAWKS WOODS ESTATES PROJECT NO. 53B2236	SHEET NO. U-8
STORM SEWER SCHEDULE	
CITY OF MADISON	

### STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	2'AD'+15.31	LT-51.38	24" RCP AE	-	1091.00	-	W/ GATE; COLLAR NEEDED TO PLASTIC PIPE
S-2	2'AD'+25.00	LT-24.30	3X3 SAS	1098.78	1093.78	5.00	W/ R-1550 OPEN CASTING
S-2A	4'AD'+18.25	LT-24.73	3X3 SAS	1118.21	1111.22	6.99	W/ R-1550 OPEN CASTING
S-3	5'AD'+43.77	LT-24.00	3X3 SAS	1126.80	1121.35	5.45	W/ R-1550 OPEN CASTING
S-4	5'AD'+87.93	LT-13.50	3X3 SAS	1129.78	1121.58	8.20	W/ R-3067-7004-V
S-4A	5'AD'+95.09	RT-13.50	H INLET	1130.22	1122.72	7.50	W/ R-3067-7004-V
S-4B	51'ST'+84.91	CL	H INLET	1125.25	1123.58	1.67	FP; W/ R-1878-B7G
S-5	8'AD'+19.53	LT-13.50	3X3 SAS	1136.34	1131.74	4.60	W/ R-3067-7004-V
S-5A	8'AD'+48.37	RT-13.50	H INLET	1136.81	1133.41	3.40	W/ R-3067-7004-V
S-6	10'AD'+52.58	LT-13.50	H INLET	1140.49	1136.69	3.80	W/ R-3067-7004-V
S-6A	10'AD'+54.22	RT-13.50	H INLET	1140.49	1137.32	3.17	W/ R-3067-7004-V
S-7	11'AD'+18.94	LT-13.50	H INLET	1143.05	1139.25	3.80	W/ R-3067-7004-V
S-7A	11'AD'+20.98	RT-13.50	H INLET	1143.16	1139.65	3.51	W/ R-3067-7004-V
<del>* S-8</del>	<del>20'HW'+49.00</del>	<del>RT-14.02</del>	<del>CONCRETE COLLAR</del>	<del>-</del>	<del>1124.11</del>	<del>-</del>	
* S-9	20'HW'+55.00	RT-13.50	3X3 SAS	1130.18	1124.11	6.07	W/ R-3067-7004-V
S-10	20'HW'+55.00	LT-13.50	H INLET	1131.07	1126.28	4.79	W/ R-3067-7004-V

### PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	28	1091.00	1093.78	9.93%	24"	NON-METALLIC STORM	-
P-2	S-2	S-2A	192	1093.78	1111.22	9.08%	24"	NON-METALLIC STORM	-
P-2A	S-2A	S-3	127	1111.22	1121.35	7.98%	24"	NON-METALLIC STORM	-
P-3	S-3	S-4	46	1121.35	1121.58	0.50%	24"	RCP	-
P-4	S-4	S-5	232	1125.78	1131.74	2.57%	21"	RCP	NCM
P-4A	S-4	S-4A	28	1122.58	1122.72	0.50%	12"	RCP	-
P-4B	S-4A	S-4B	171	1122.72	1123.58	0.50%	12"	RCP	-
P-5	S-5	S-6	234	1131.99	1136.69	2.01%	18"	RCP	-
P-5A	S-5	S-5A	39	1132.49	1133.41	2.36%	12"	RCP	-
P-6	S-6	S-7	68	1136.94	1139.25	3.40%	15"	RCP	-
P-6A	S-6	S-6A	26	1137.19	1137.32	0.50%	12"	RCP	-
P-7	S-7	S-7A	26	1139.50	1139.65	0.58%	12"	RCP	-
<del>* P-8</del>	<del>S-8</del>	<del>S-9</del>	<del>6</del>	<del>1124.11</del>	<del>1125.55</del>	<del>24.00%</del>	<del>18"</del>	<del>RCP</del>	
* P-9	S-9	S-10	27	1125.61	1126.28	2.48%	15"	RCP	-

### STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP= HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD Poured STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD Poured SHALL BE FIELD Poured. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD Poured) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.



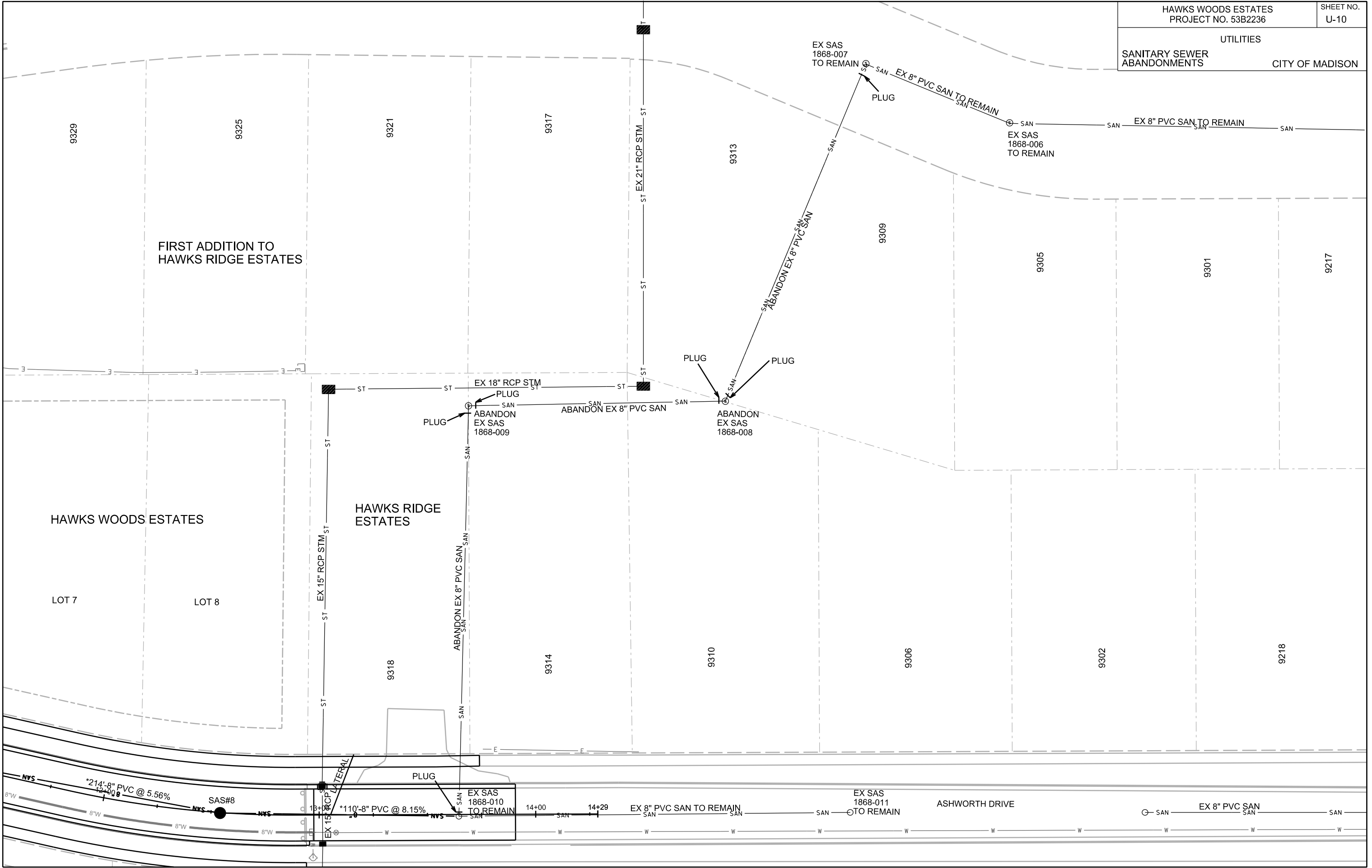


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



WATER PLAN AND PROFILE

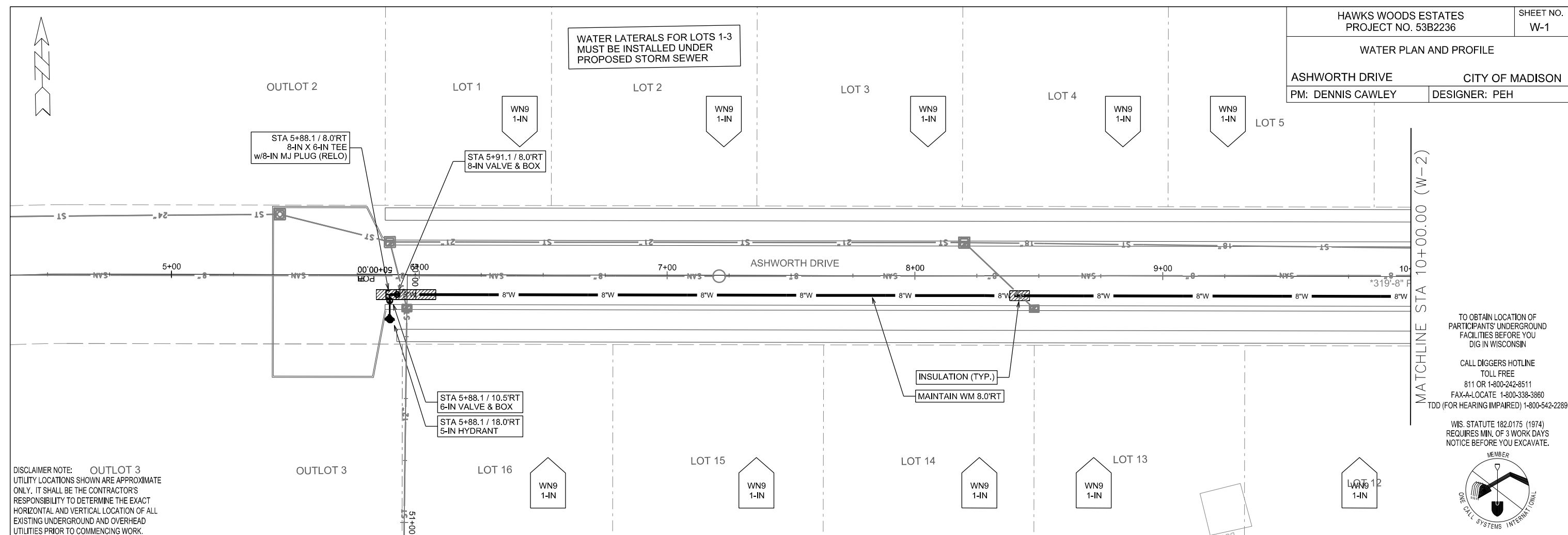
ASHWORTH DRIVE

CITY OF MADISON

PM: DENNIS CAWLEY

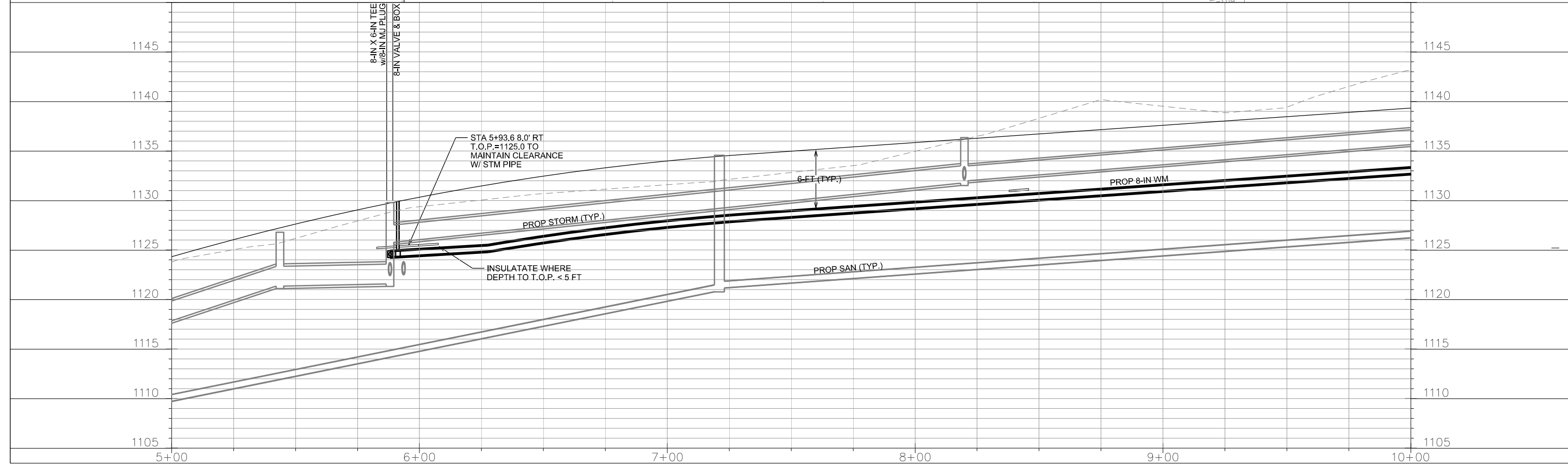
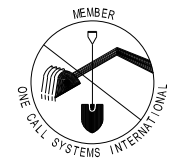
DESIGNER: PEH

WATER LATERALS FOR LOTS 1-3  
MUST BE INSTALLED UNDER  
PROPOSED STORM SEWER



DISCLAIMER NOTE: OUTLOT 3  
UTILITY LOCATIONS SHOWN ARE APPROXIMATE  
ONLY. IT SHALL BE THE CONTRACTOR'S  
RESPONSIBILITY TO DETERMINE THE EXACT  
HORIZONTAL AND VERTICAL LOCATION OF ALL  
EXISTING UNDERGROUND AND OVERHEAD  
UTILITIES PRIOR TO COMMENCING WORK.

TO OBTAIN LOCATION OF  
PARTICIPANTS' UNDERGROUND  
FACILITIES BEFORE YOU  
DIG IN WISCONSIN  
CALL DIGGERS HOTLINE  
TOLL FREE  
811 OR 1-800-242-8511  
FAX-A-LOCATE 1-800-338-3860  
TDD (FOR HEARING IMPAIRED) 1-800-542-2289  
WIS. STATUTE 182.0175 (1974)  
REQUIRES MIN. OF 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE.



PLOT SCALE: \_\_\_\_\_

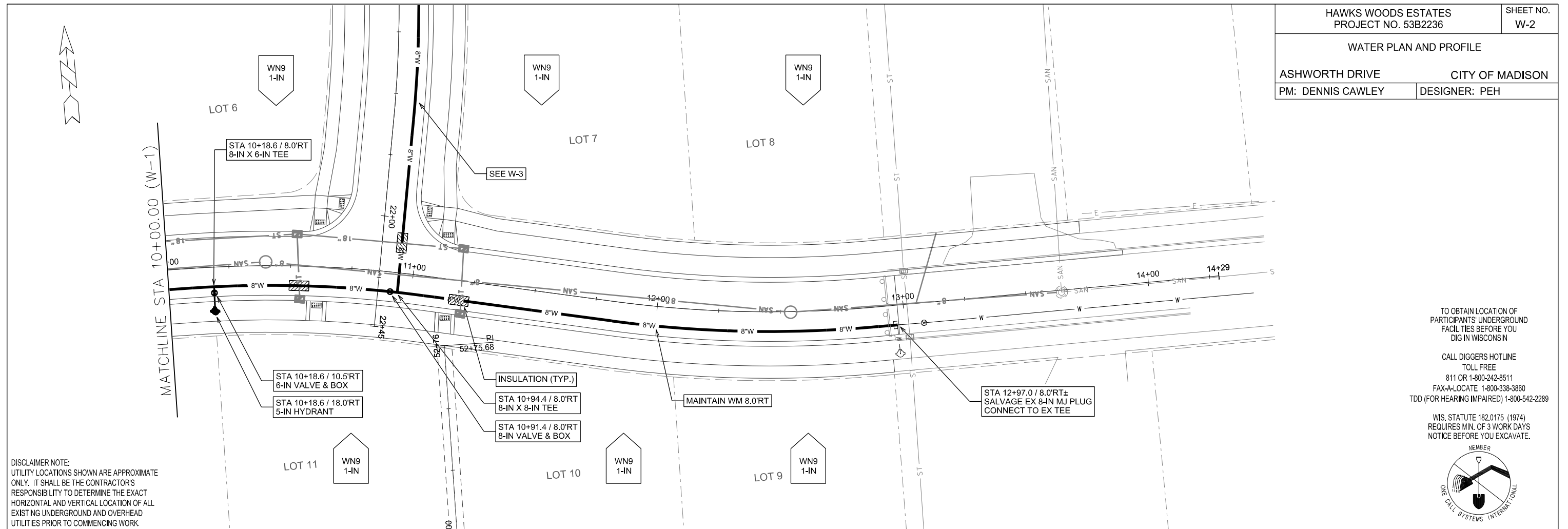
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE

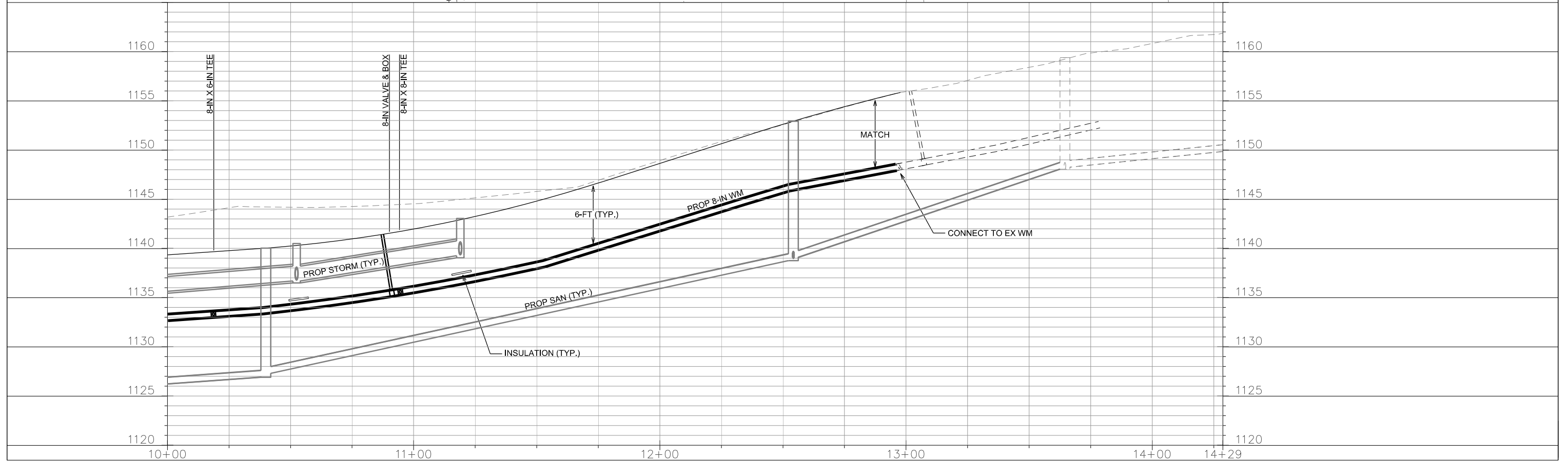
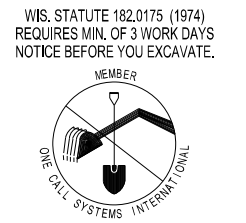
ASHWORTH DRIVE CITY OF MADISON  
PM: DENNIS CAWLEY DESIGNER: PEH



DISCLAIMER NOTE:  
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
TOLL FREE  
811 OR 1-800-242-8511  
FAX-A-LOCATE 1-800-338-3860  
TDD (FOR HEARING IMPAIRED) 1-800-542-2289



PLOT SCALE: \_\_\_\_\_

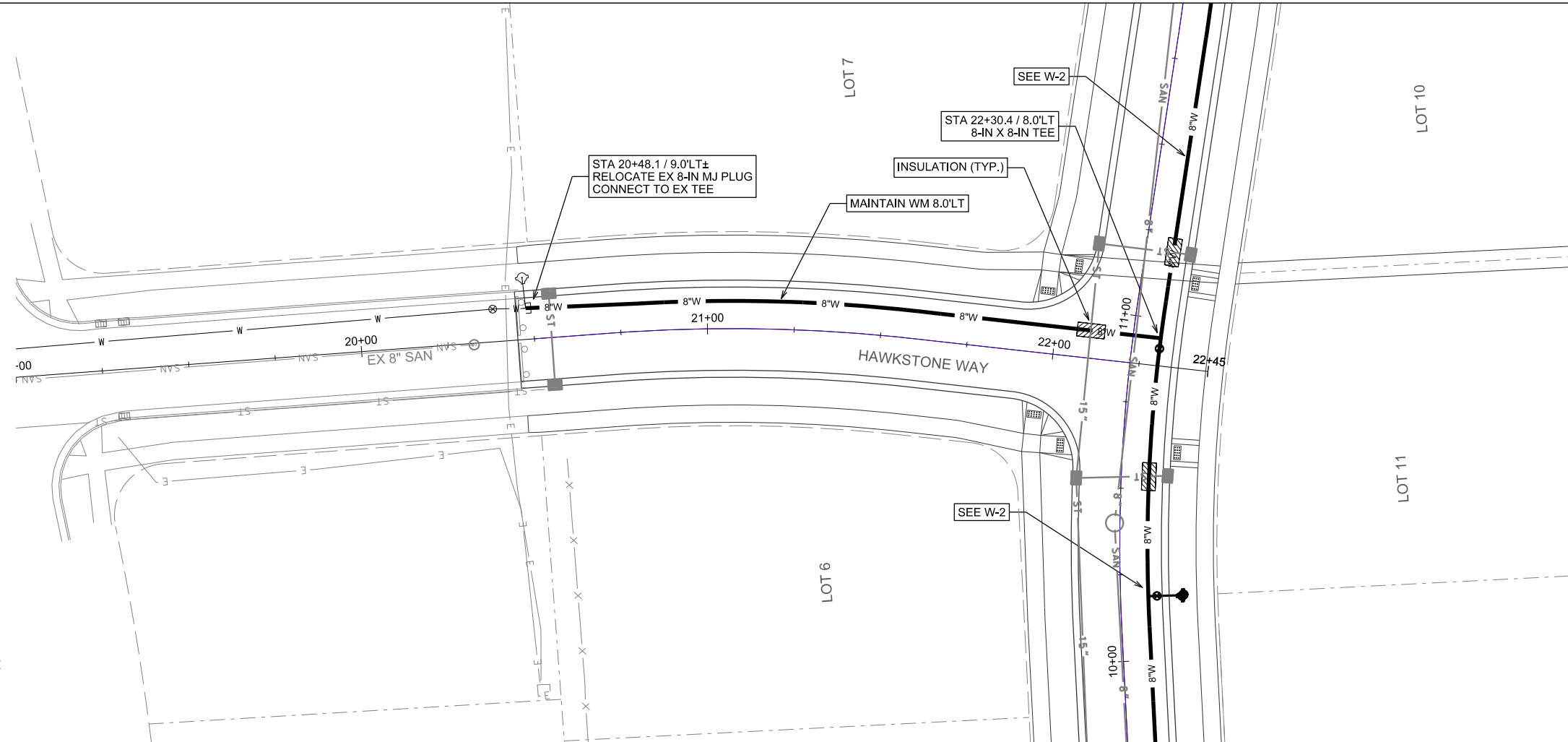
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

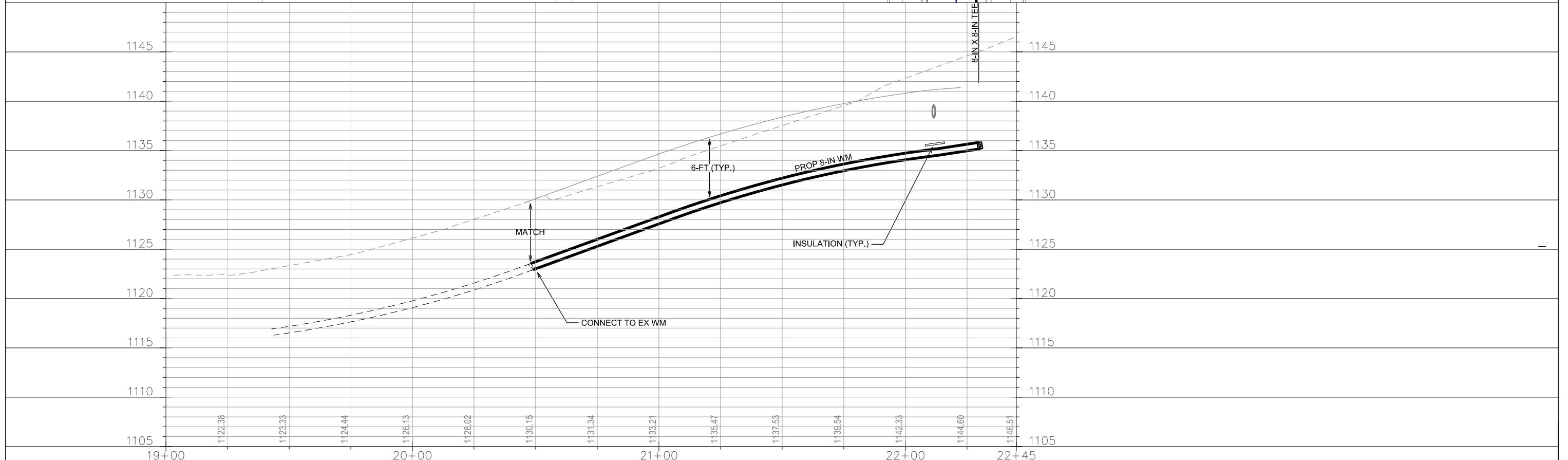
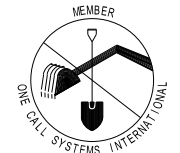
WATER PLAN AND PROFILE

HAWKSTONE WAY CITY OF MADISON  
PM: DENNIS CAWLEY DESIGNER: PEH



DISCLAIMER NOTE:  
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
CALL DIGGERS HOTLINE  
TOLL FREE  
811 OR 1-800-242-8511  
FAX-A-LOCATE 1-800-338-3860  
TDD (FOR HEARING IMPAIRED) 1-800-542-2289  
WIS. STATUTE 182.0175 (1974)  
REQUIRES MIN. OF 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE.

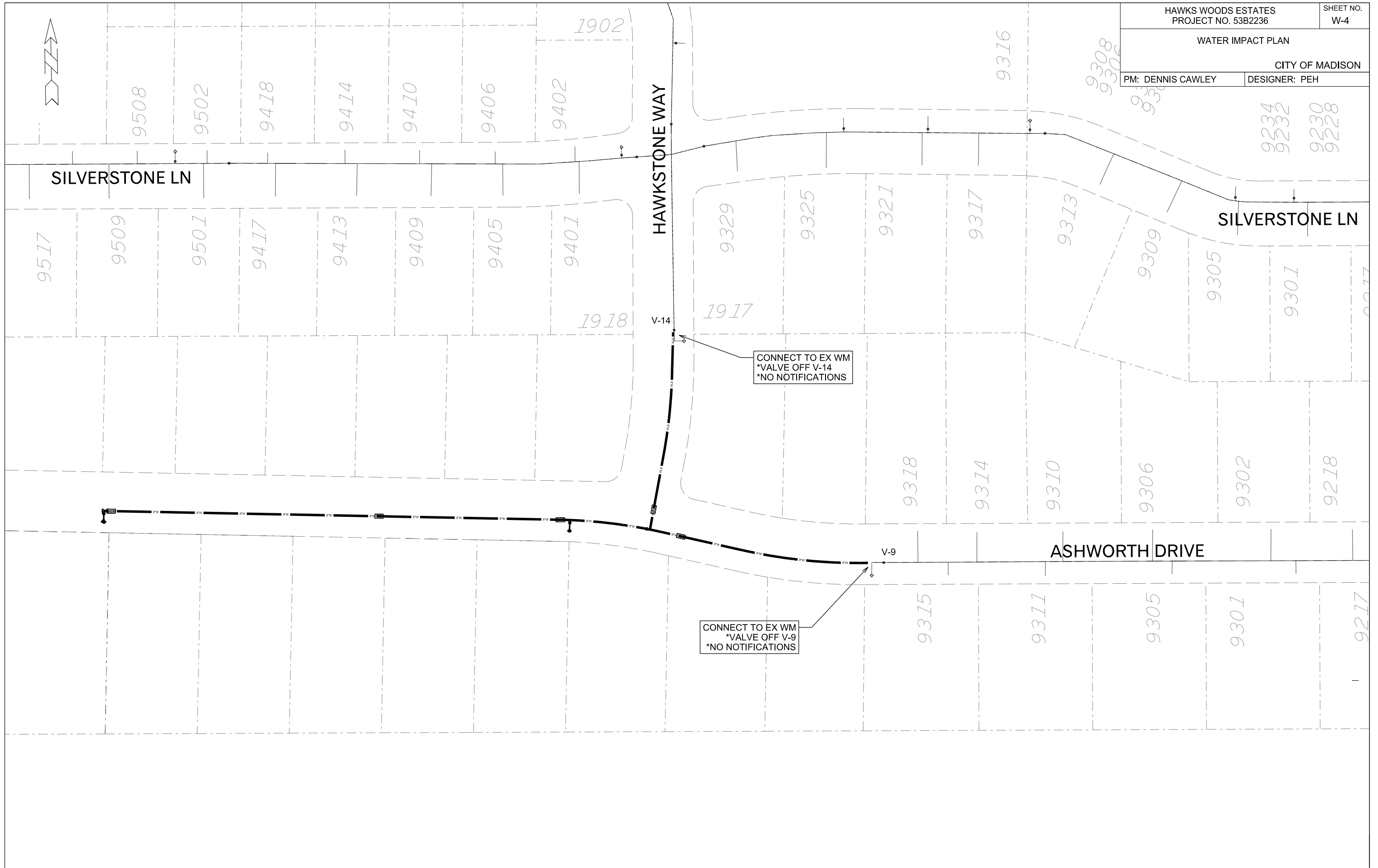


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

**CONSTRUCTION NOTES:**

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
5. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 - REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 - EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN (OR TO THE LARGER PARALLEL EXISTING MAIN).
- WN3 - EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 - DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN (OR TO THE LARGER PARALLEL EXISTING MAIN).
- WN5 - RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 - ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 - FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 - ABANDON THE VALVE BOX.
- WN9 - FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 - REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 - REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

**ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

\* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

- 20' - 6" PIPE
- 900' - 8" PIPE
- 1,020' - POLYWRAP
- 2 - 6" VALVE & BOX
- 2 - 8" VALVE & BOX
- 1 - 8"X8" TEE
- 2 - 8"X6" TEE
- 2 - 5" HYDRANT
- 1-IN COPPER TUBING (AS REQUIRED)

**MATERIALS REUSED**

- 1 - 8" MJ PLUG

