

CITY OF MADISON

CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

POPE FARM ESTATES CITY PROJECT NO. 12598 CITY CONTRACT NO. 8392

PUBLIC IMPROVEMENT PROJECT
APPROVED

APRIL 30, 2019

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 3/19/20
City Engineer Date

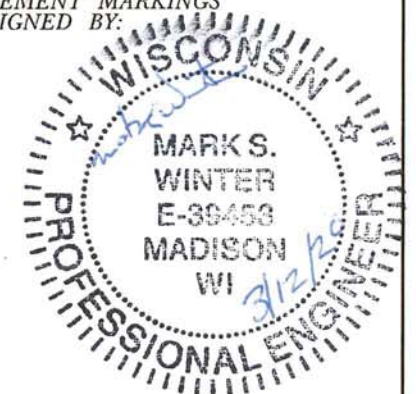
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STREET GRADES
DESIGNED BY:



STREET GEOMETRICS &
PAVEMENT MARKINGS
DESIGNED BY:



ELECTRICAL
DESIGNED BY:



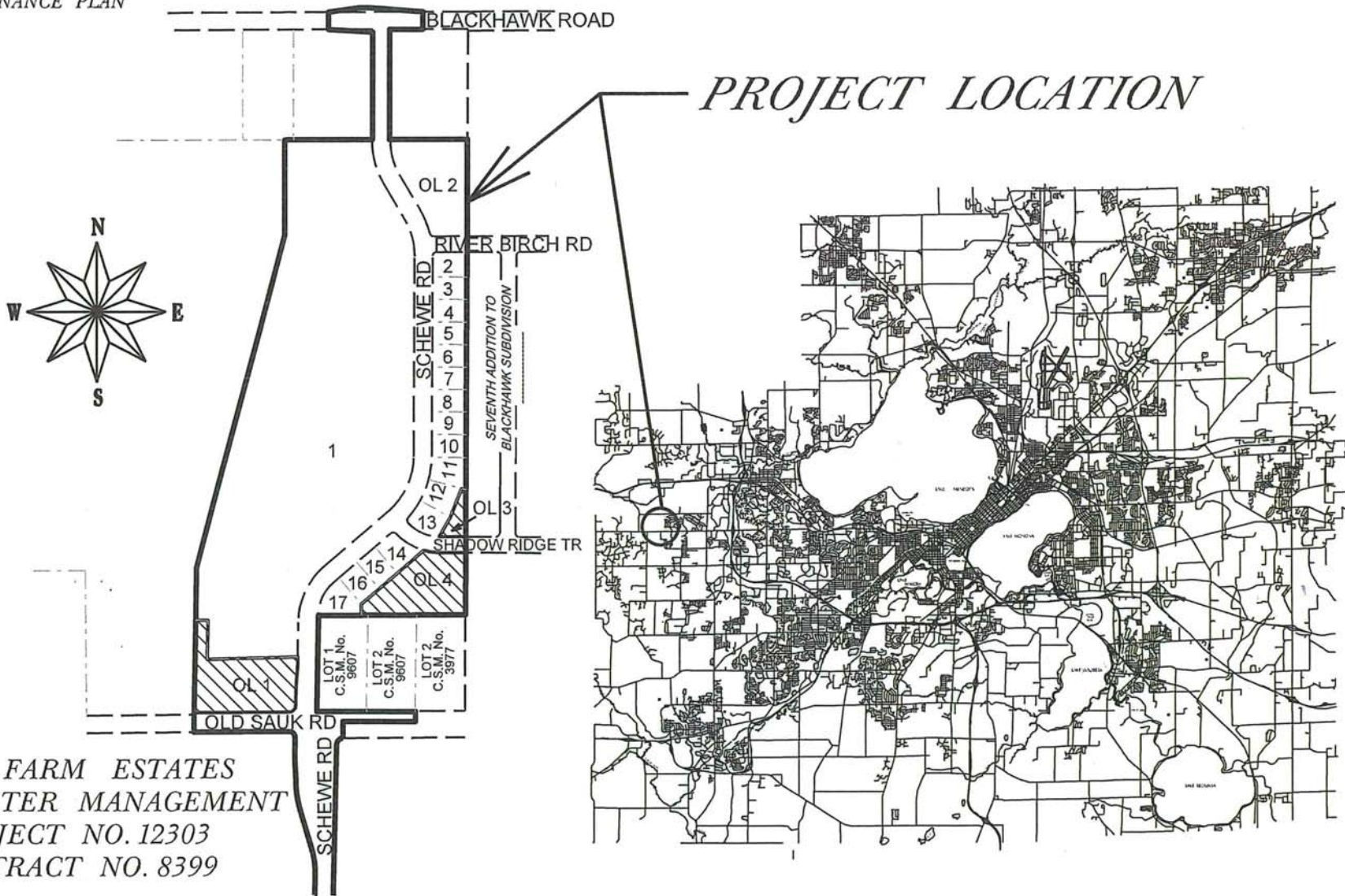
SANITARY SEWER
DESIGNED BY:



STORM SEWER
DESIGNED BY:



WATER
DESIGNED BY:



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, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE

ALL PAVEMENT IN THE SHADOW RIDGE TRAIL AND RIVER BIRCH ROAD RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE SCHEWE ROAD RIGHT-OF-WAY SHALL BE TYPE B PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE OLD SAUK ROAD AND BLACKHAWK ROAD RIGHTS-OF-WAY SHALL BE TYPE C 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 GRADE OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY BE 1.5%. 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. 3.04. 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 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4:1. 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 ALIGNMENTS FROM THE CITY PROJECT 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 RIGHT-OF-WAY 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.

ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

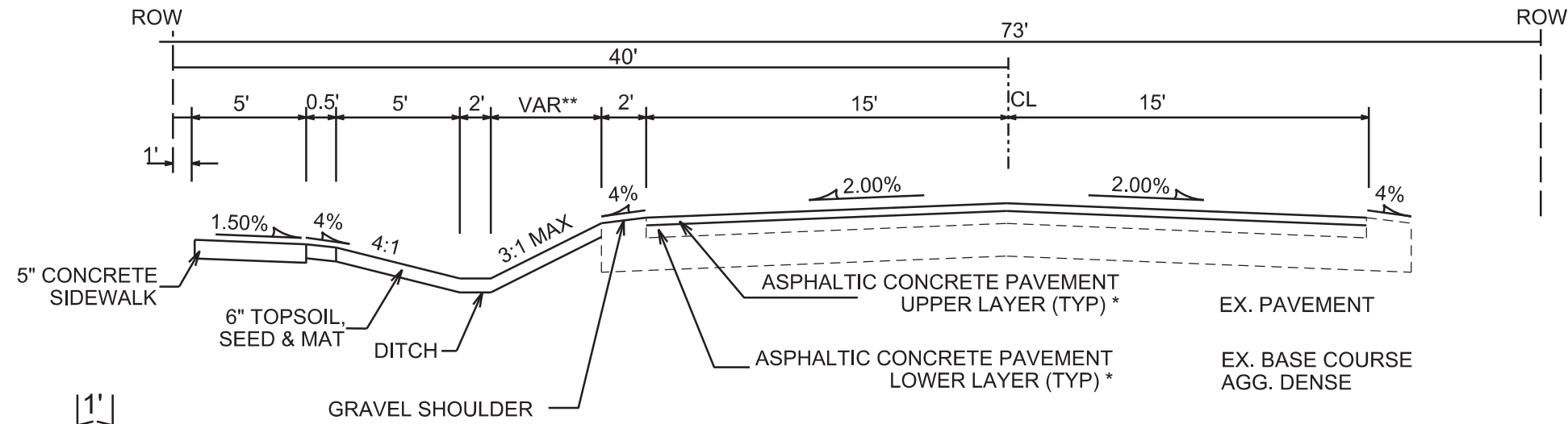
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	—— SAN ——
WATER	—— W ——
OVERHEAD ELECTRIC	—— OH ——
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

PLOT SCALE: _____

PLOT NAME: _____

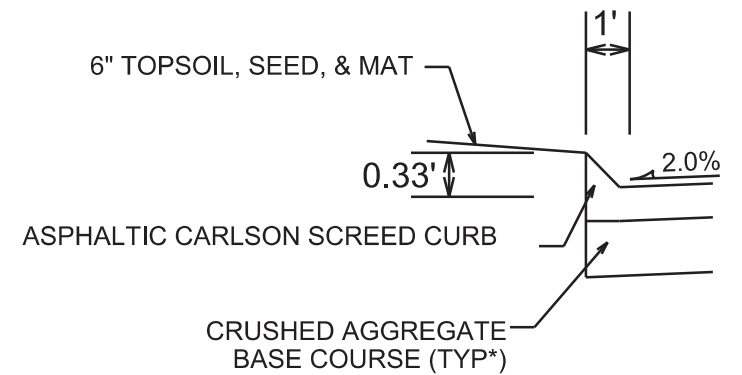
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

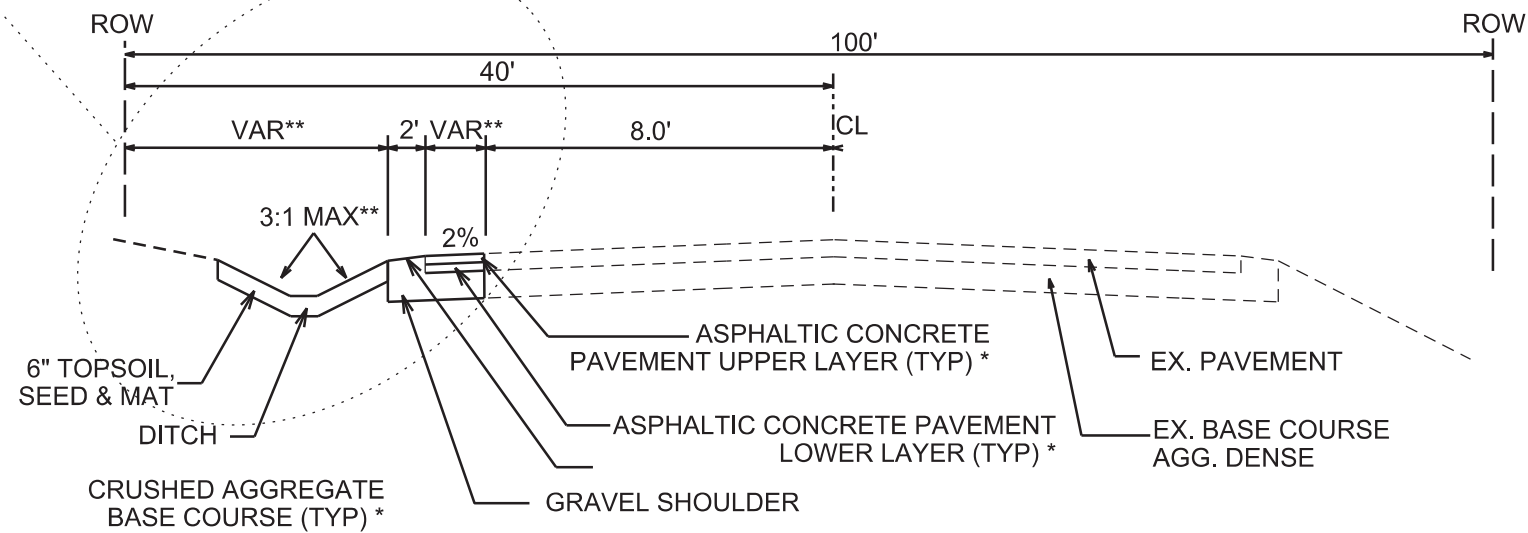


TYPICAL SECTION

OLD SAUK ROAD
(STA 13+21 TO STA 16+72)
NOT TO SCALE



CARLSON SCREED CURB
(STA 18+50 TO STA 18+56)
NOT TO SCALE



TYPICAL SECTION

OLD SAUK ROAD
(STA 18+50 TO STA 21+08)
NOT TO SCALE

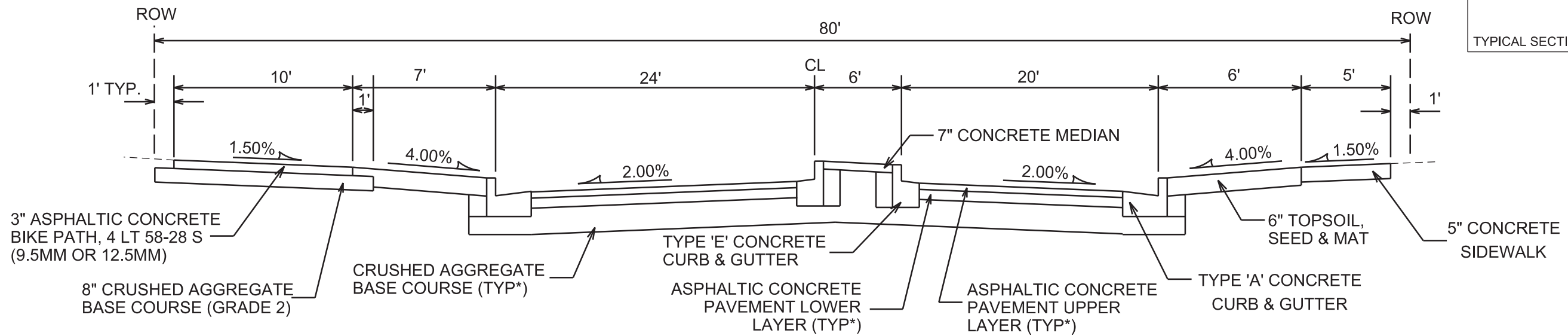
NOTES:

* OLD SAUK ROAD SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

** SEE PLAN AND PROFILE SHEETS FOR DIMENSIONS, DETAILS, AND STREET CROSS SLOPES

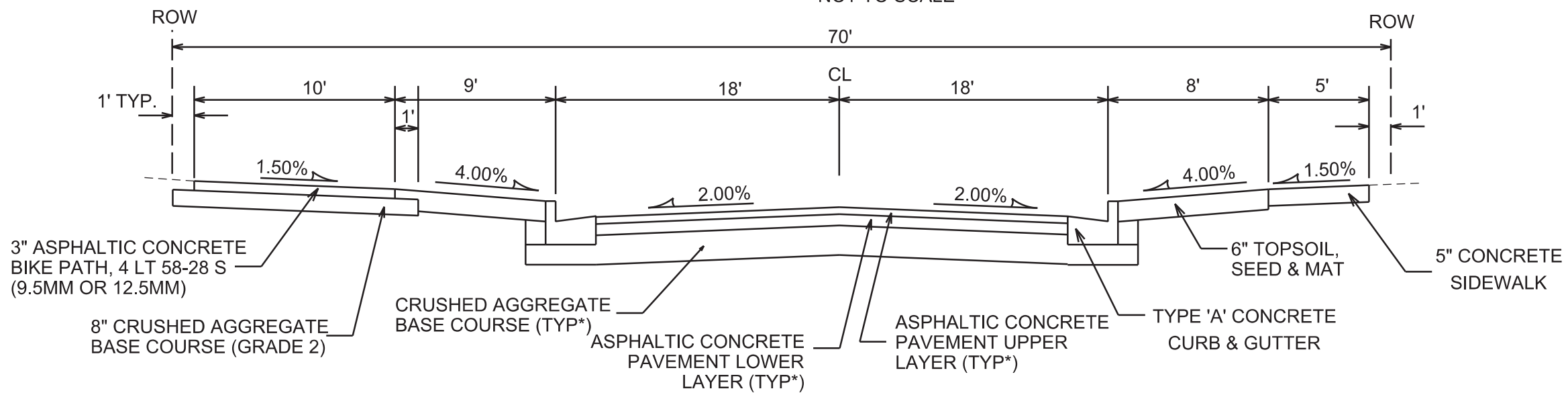
CITY OF MADISON MINIMUM PAVEMENT DESIGN †

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"



TYPICAL SECTION

SCHEWE ROAD
(STA 1+45 TO STA 2+39)
NOT TO SCALE



TYPICAL SECTION

SCHEWE ROAD
(STA 3+44 TO 29+30)
NOT TO SCALE

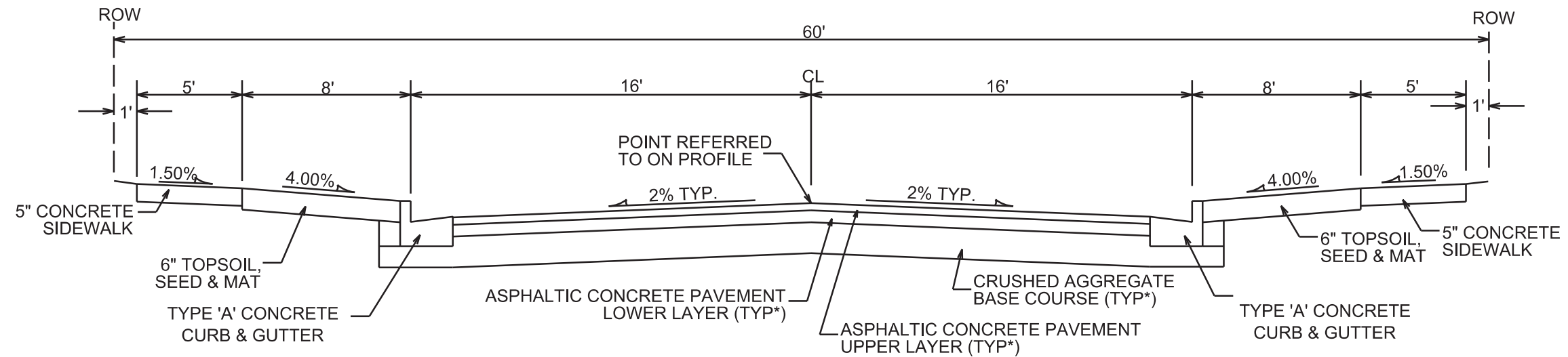
NOTES:

* SCHEWE ROAD SHALL BE CONSTRUCTED AS TYPE 'B' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

SEE PLAN AND PROFILE SHEETS FOR DIMENSIONS, DETAILS, AND STREET CROSS SLOPES

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"



TYPICAL SECTION
SHADOW RIDGE TRAIL & RIVER BIRCH ROAD
NOT TO SCALE

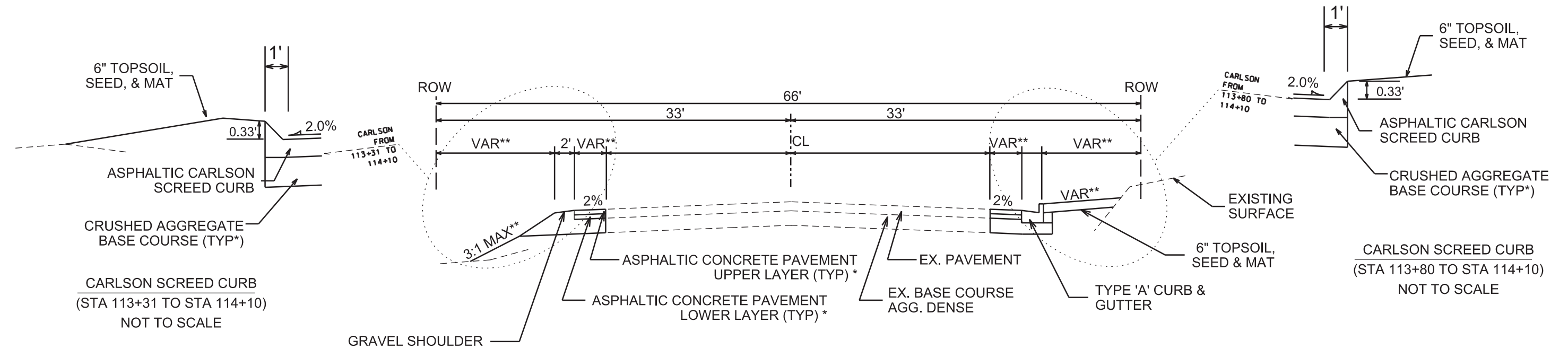
NOTES:

* SHADOW RIDGE TRAIL AND RIVER BIRCH ROAD SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN.

** SEE PLAN AND PROFILE SHEETS FOR DIMENSIONS, DETAILS, AND STREET CROSS SLOPES

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"



TYPICAL SECTION

BLACKHAWK ROAD
(STA 113+31 TO STA 116+97)
NOT TO SCALE

NOTES:

* BLACKHAWK ROAD SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

** SEE PLAN AND PROFILE SHEETS FOR DIMENSIONS, DETAILS, AND STREET CROSS SLOPES

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

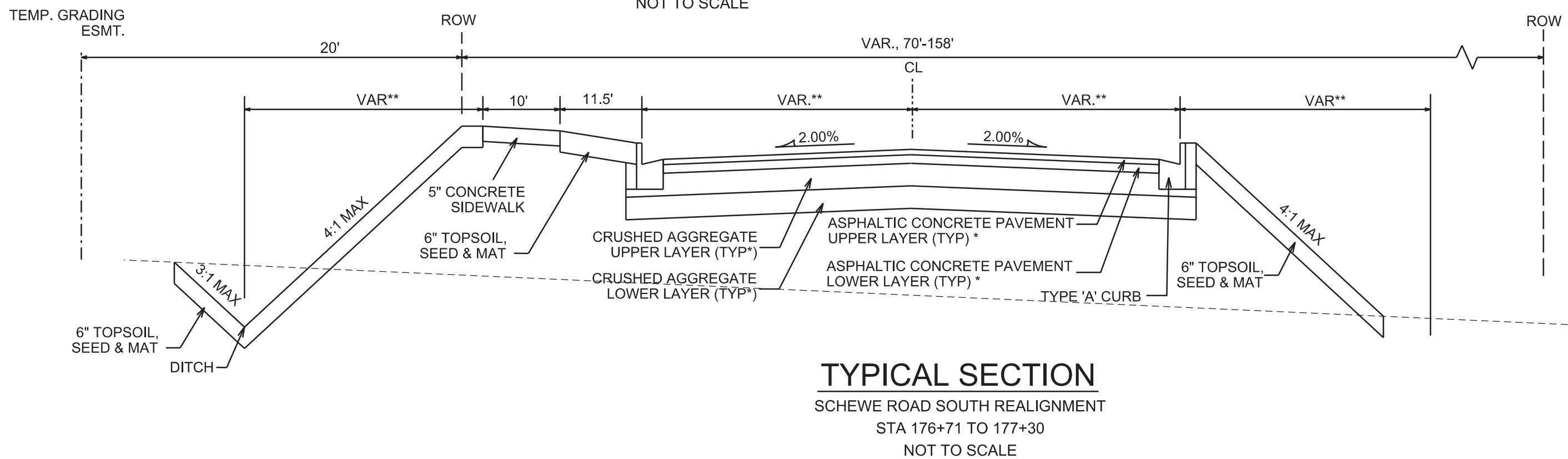
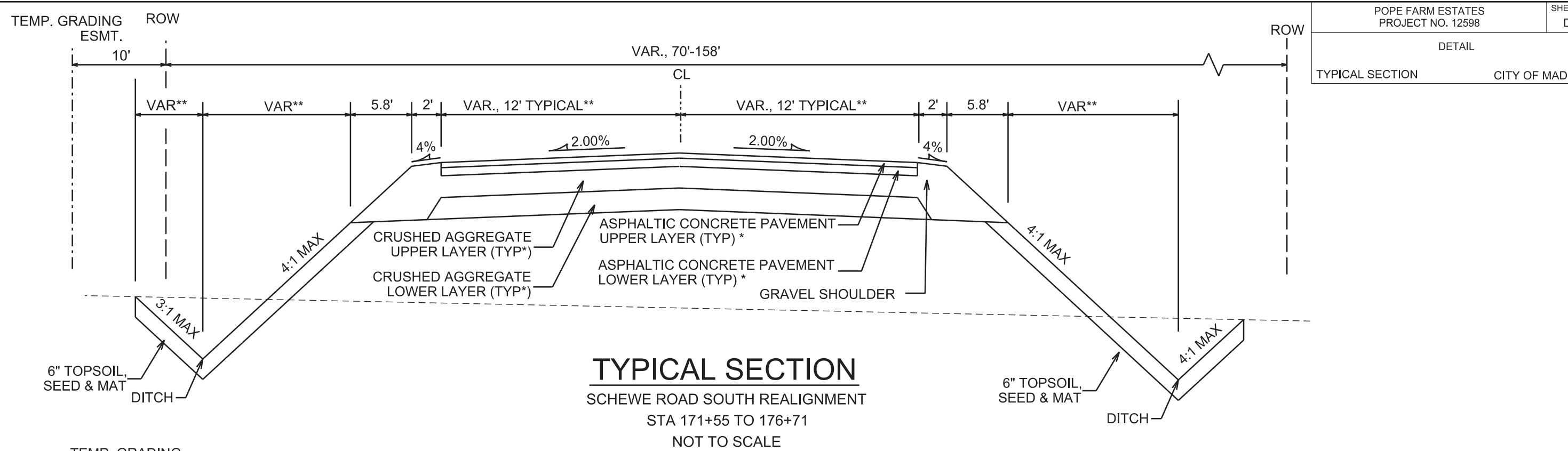
TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTES:

* SCHEWE ROAD SHALL BE CONSTRUCTED AS TYPE 'B' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

** SEE PLAN AND PROFILE AND CROSS SECTIONS FOR DIMENSIONS, DETAILS, AND STREET CROSS SLOPES

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

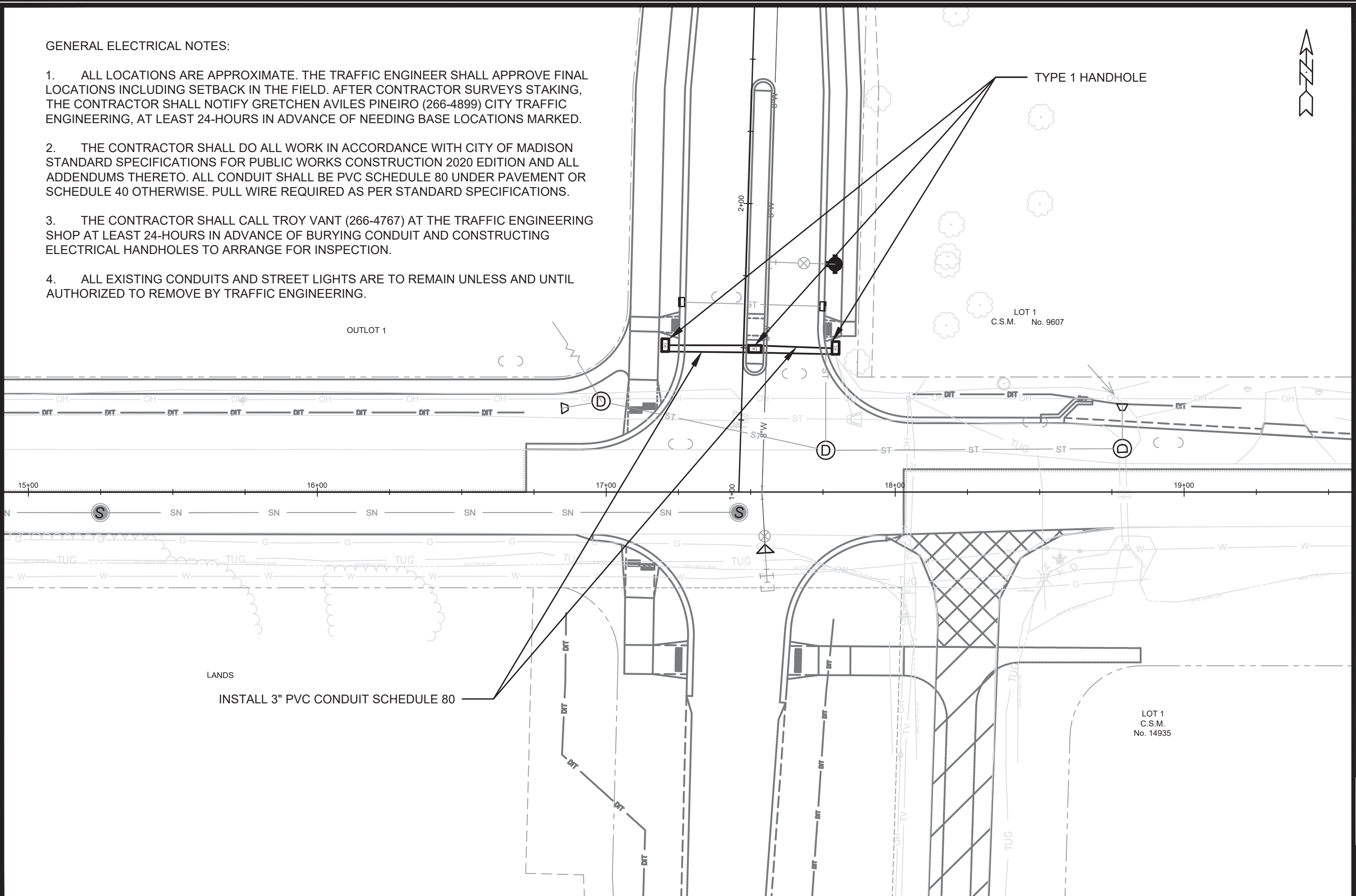
PLOT SCALE:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

GENERAL ELECTRICAL NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEYS STAKING, THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (266-4899) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2020 EDITION AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL CALL TROY VANT (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT AND CONSTRUCTING ELECTRICAL HANDHOLES TO ARRANGE FOR INSPECTION.
4. ALL EXISTING CONDUITS AND STREET LIGHTS ARE TO REMAIN UNLESS AND UNTIL AUTHORIZED TO REMOVE BY TRAFFIC ENGINEERING.



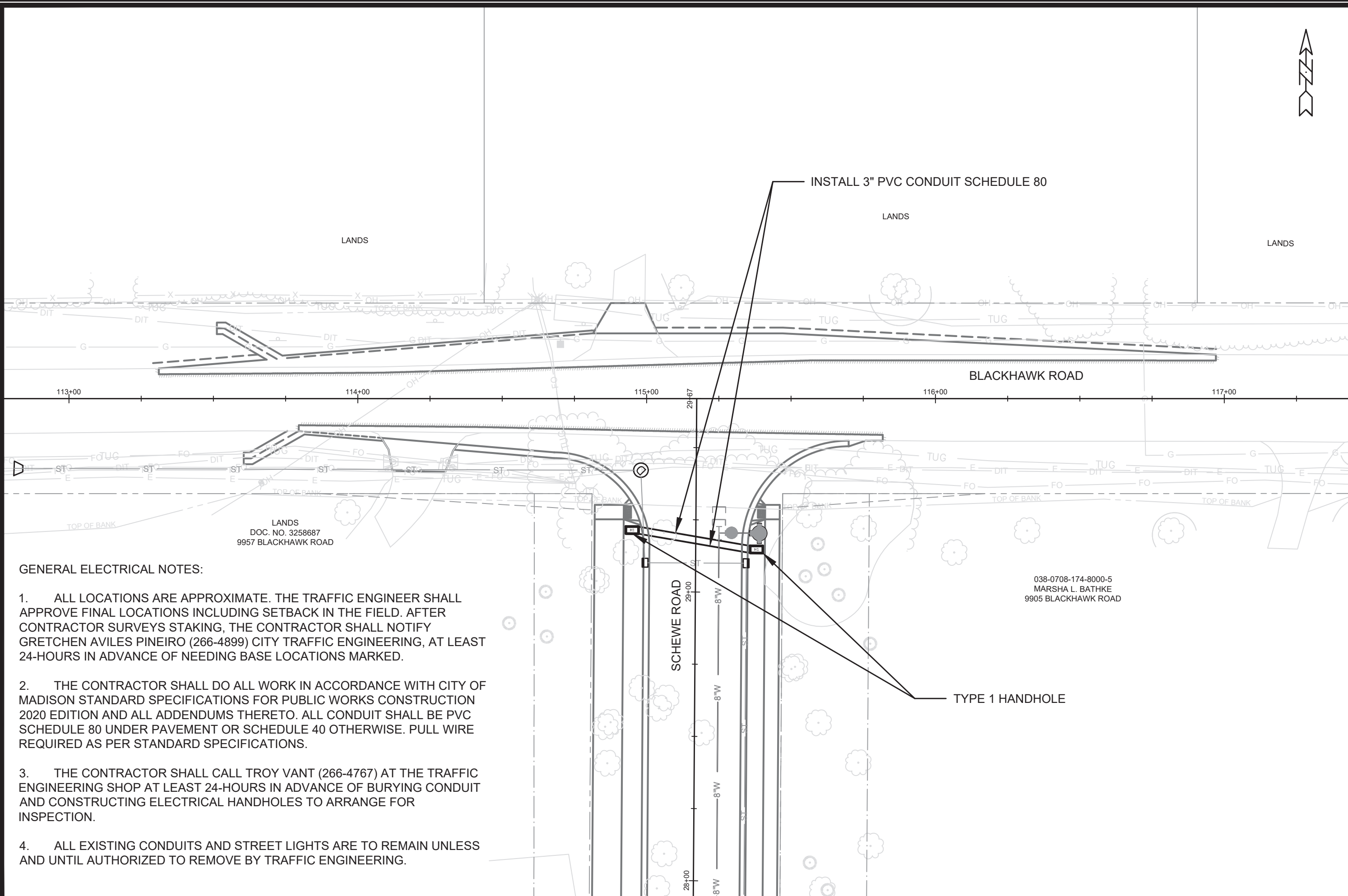
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			E-1

12598
MADISON, WI
CONTRACT NO.: 8392

ELECTRICAL PLANS
POPE FARM ESTATES
M:\DESIGN\Projects\12598\CAD\Traffic\ELECTRICAL.dwg



12598
E-1



INSTALL 3" PVC CONDUIT SCHEDULE 80

BLACKHAWK ROAD

SCHEUWE ROAD

TYPE 1 HANDHOLE

LANDS
DOC. NO. 3258687
9957 BLACKHAWK ROAD

038-0708-174-8000-5
MARSHA L. BATHKE
9905 BLACKHAWK ROAD

GENERAL ELECTRICAL NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEYS STAKING, THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (266-4899) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2020 EDITION AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL CALL TROY VANT (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT AND CONSTRUCTING ELECTRICAL HANDHOLES TO ARRANGE FOR INSPECTION.
4. ALL EXISTING CONDUITS AND STREET LIGHTS ARE TO REMAIN UNLESS AND UNTIL AUTHORIZED TO REMOVE BY TRAFFIC ENGINEERING.



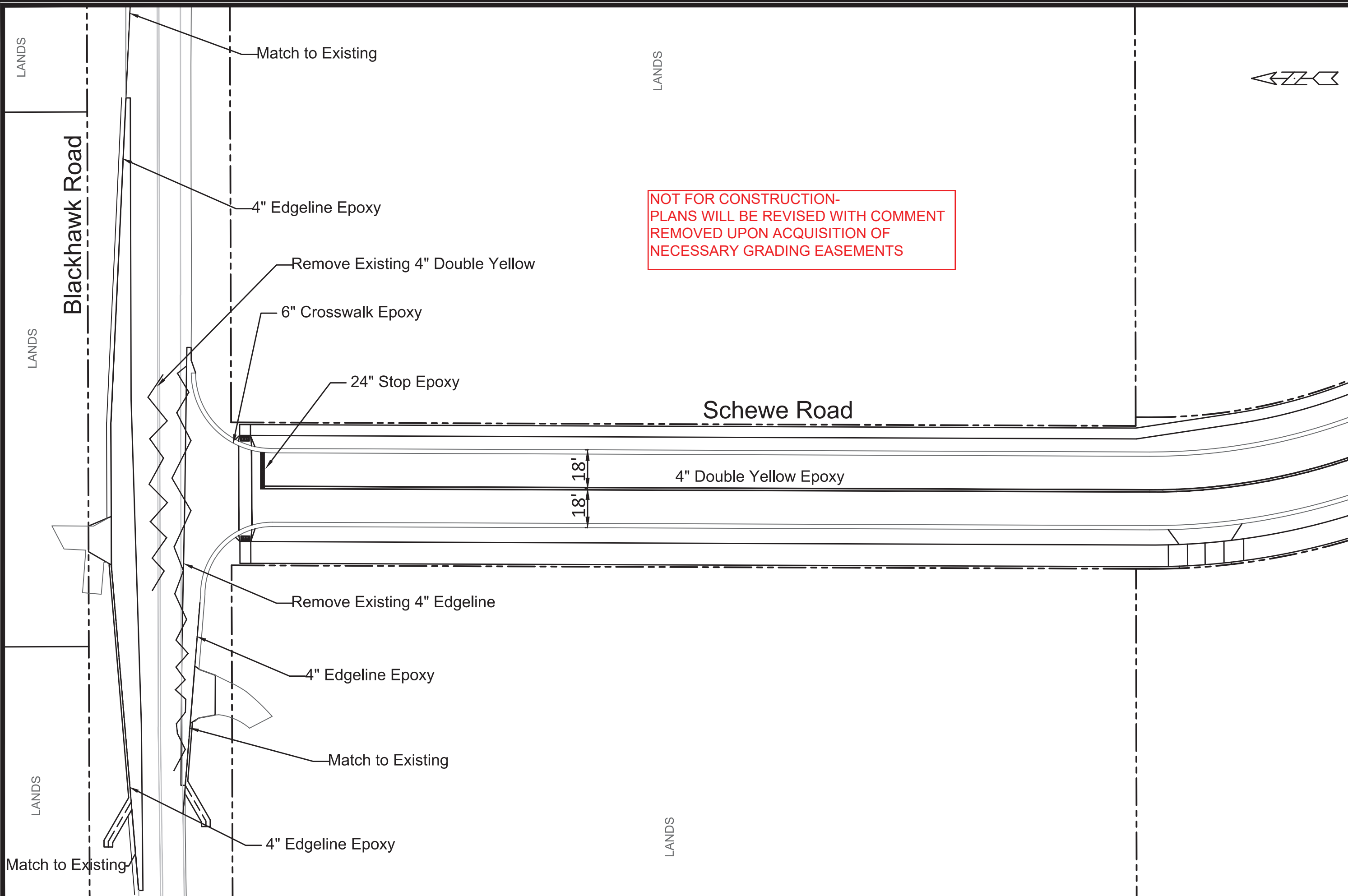
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12598			E-2

12598
MADISON, WI
8392
CONTRACT NO.:

ELECTRICAL PLANS
POPE FARM ESTATES
M:\DESIGN\Projects\12598\CAD\Traffic-ELECTRICAL.dwg



12598
E-2



NOT FOR CONSTRUCTION-
PLANS WILL BE REVISED WITH COMMENT
REMOVED UPON ACQUISITION OF
NECESSARY GRADING EASEMENTS



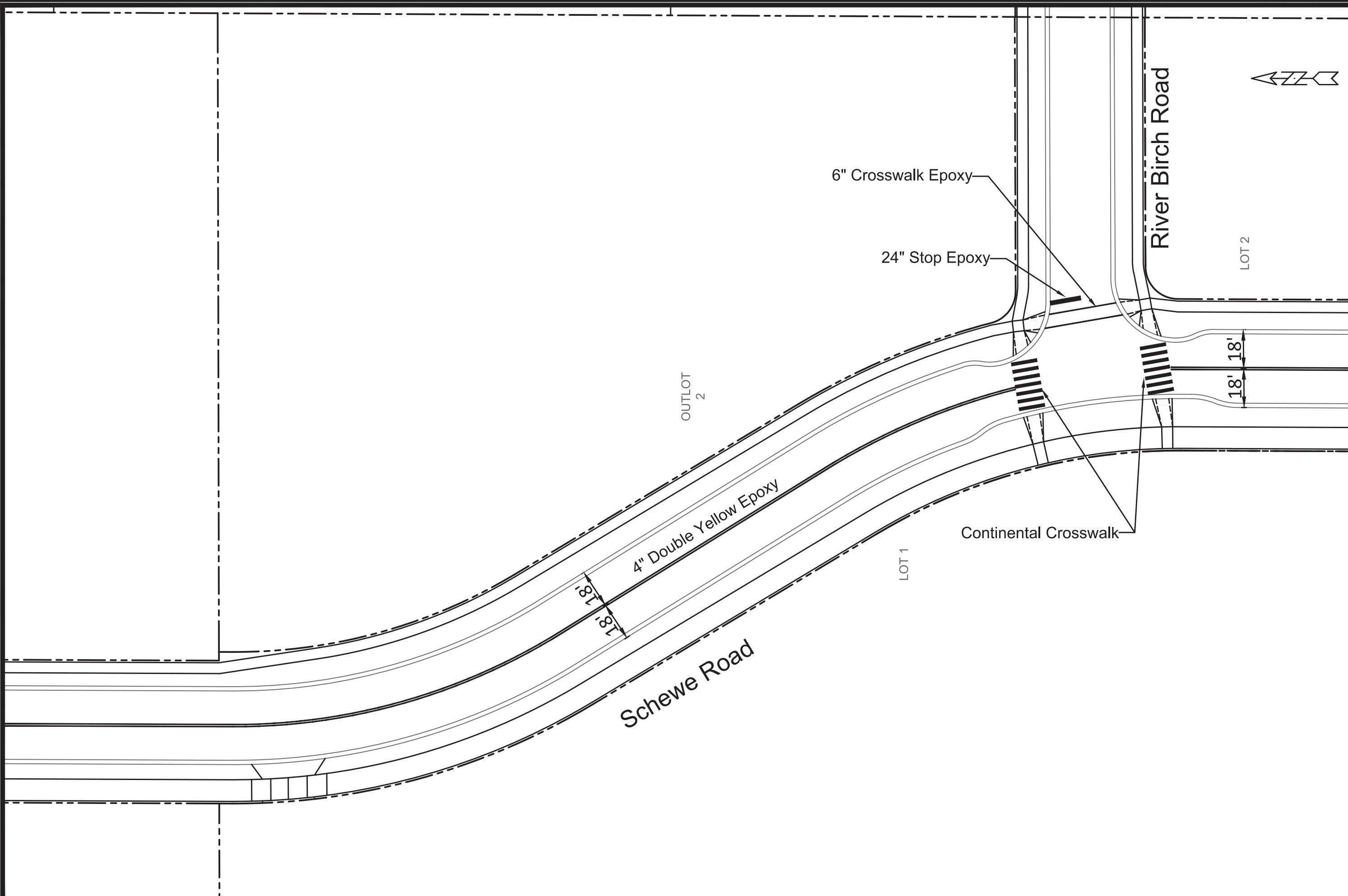
MARK	REVISION	DATE	BY
12598	1	3-5-20	M-1
Designed By: SDM			


12598
MADISON, MADISON, WI
CONTRACT NO: 8392

PAVEMENT MARKING PLAN
POPE FARM ESTATES
CITY OF MADISON



12598
M-1



	
PAVEMENT MARKING PLAN POPE FARM ESTATES CITY OF MADISON	12598 MADISON, MADISON, WI CONTRACT NO: 8392
12598 M-2	12598 M-2

River Birch Road

LOT 2

LOT 3

LOT 4

LOT 5

LOT 6

LOT 7

LOT 8

4" Double Yellow Epoxy

18' 18'

LOT 1

Schewe Road

PAVEMENT MARKING PLAN

POPE FARM ESTATES

CITY OF MADISON

12598

MADISON, MADISON, WI

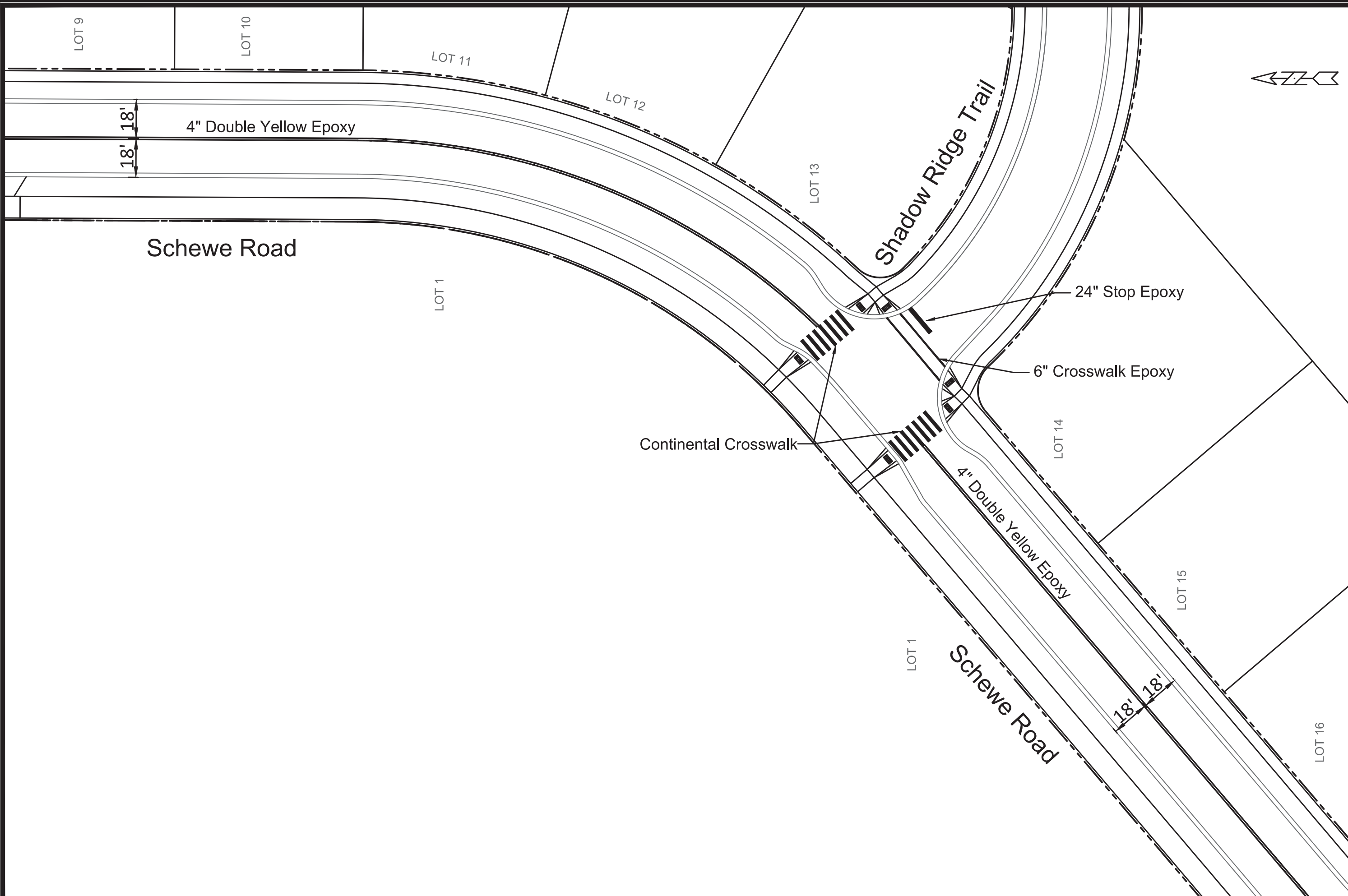
CONTRACT NO: 8392


12598

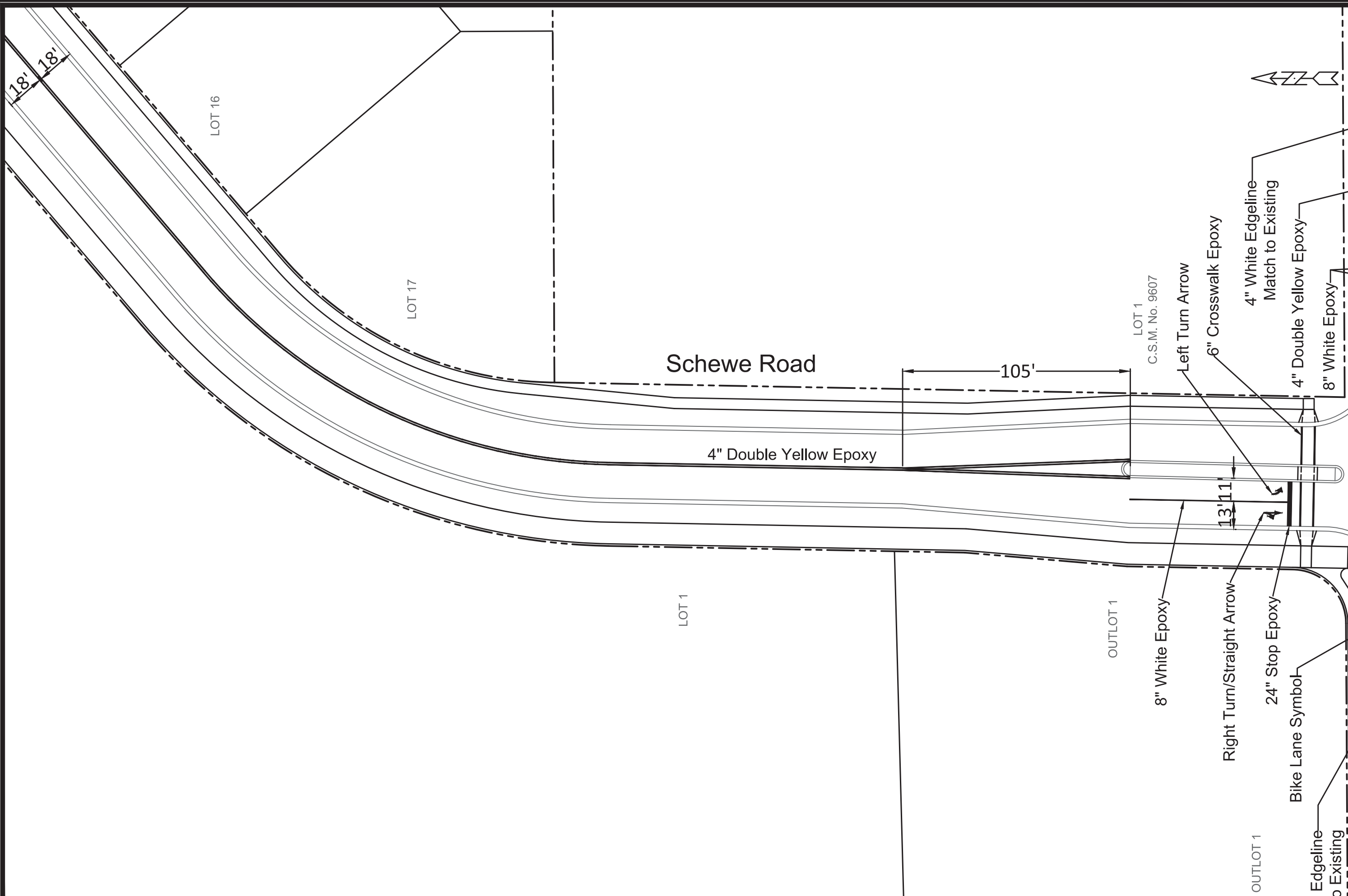
M-3



MARK	REVISION	DATE	BY
12598			
Designed By: SDM	Date: 3-5-20	Scale: 1:40	M-3



	12598	12598	12598
	M-4	MADISON, MADISON, WI	M-4
PAVEMENT MARKING PLAN POPE FARM ESTATES CITY OF MADISON	8392	8392	8392
#1 MARK Designed By: SDM 12598	REVISION Date: 3-5-20 12598	DATE Scale: 1:40	#1 DATE Scale: 1:40



18'
18'

LOT 16

LOT 17

Schewe Road

4" Double Yellow Epoxy

105'

LOT 1
C.S.M. No. 9607

Left Turn Arrow

6" Crosswalk Epoxy

4" White Edgeline
Match to Existing

4" Double Yellow Epoxy

8" White Epoxy



LOT 1

OUTLOT 1

8" White Epoxy

Right Turn/Straight Arrow

13'11"

24" Stop Epoxy

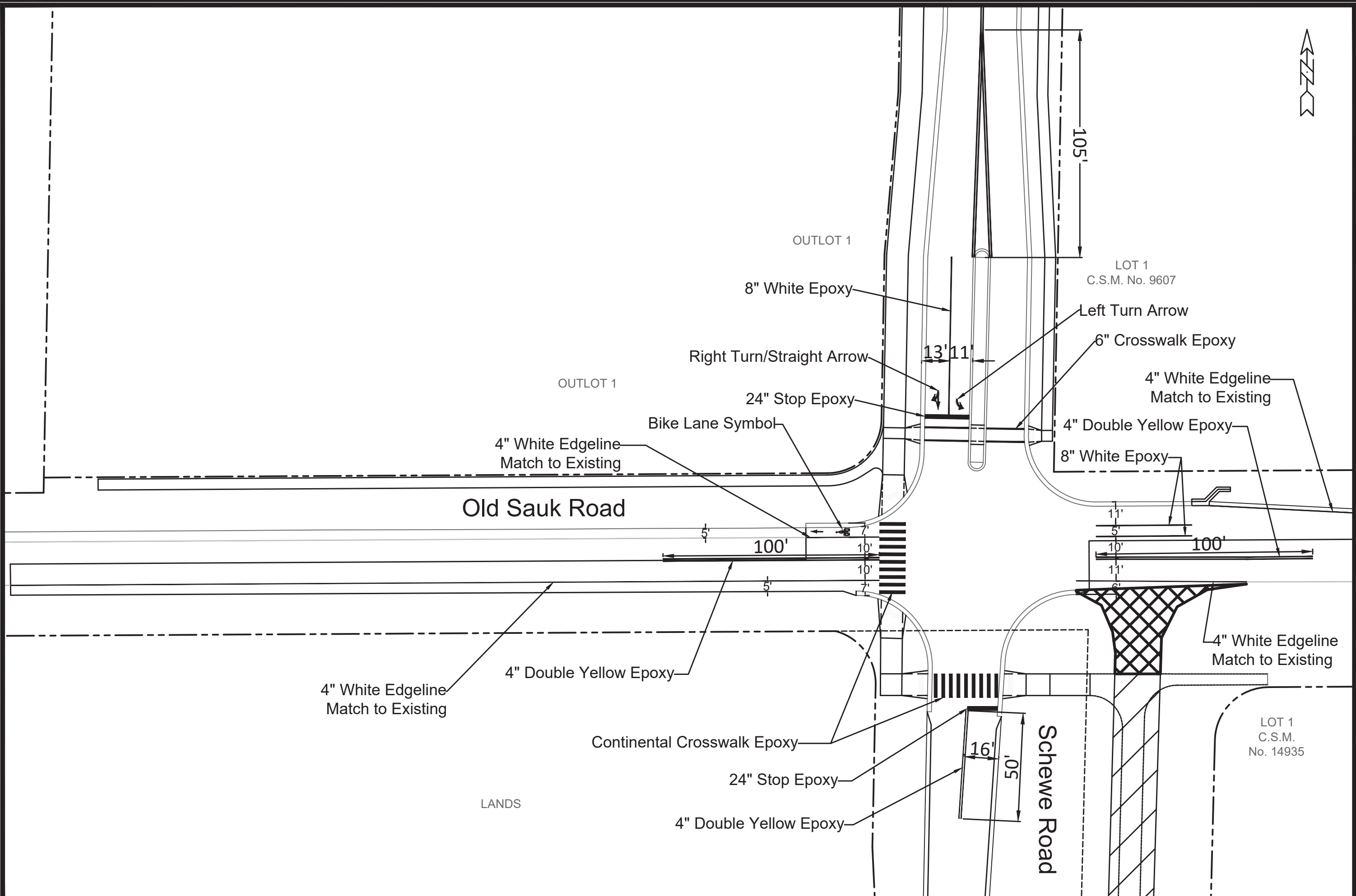
Bike Lane Symbol

OUTLOT 1

Edgeline
Existing

PAVEMENT MARKING PLAN		12598
POPE FARM ESTATE		MADISON, MADISON, WI
CITY OF MADISON		CONTRACT NO: 8392
12598	M-5	
MARK	REVISION	DATE
Designed By: SDM	Date: 3-5-20	Scale: 1:40
12598		M-5





MARK	REVISION	DATE	BY
12598	12598	3-5-20	M-6

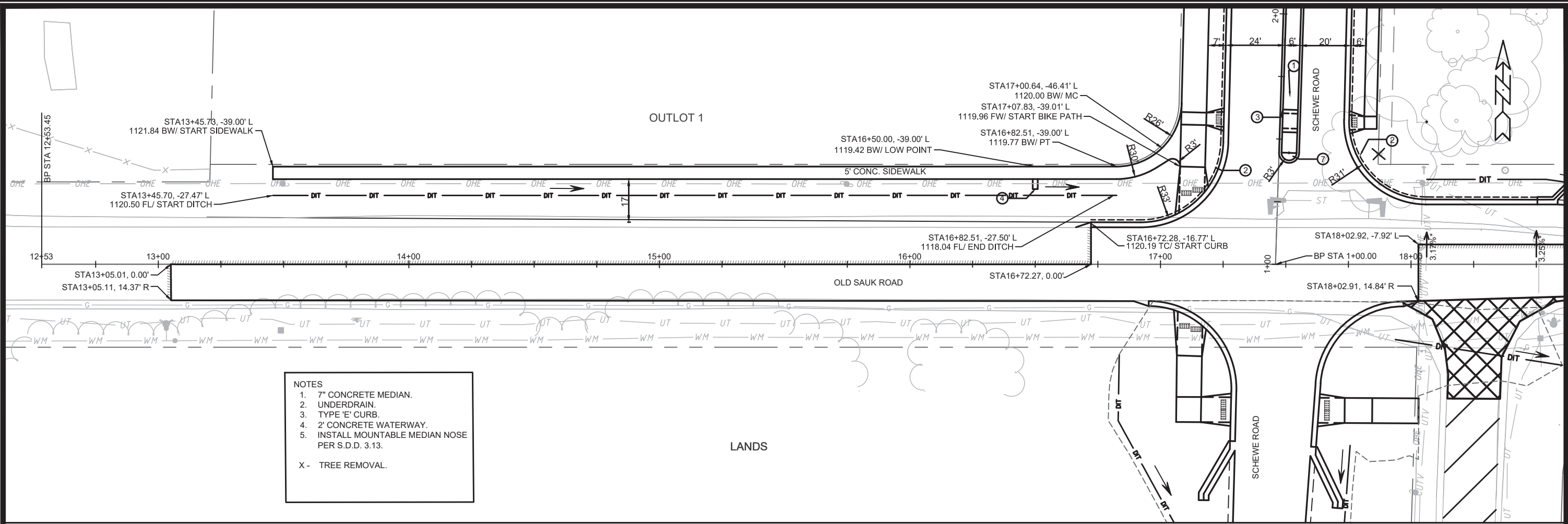
12598
 MADISON, MADISON, WI
 CONTRACT NO: 8392

PAVEMENT MARKING PLAN
 POPE FARM ESTATE
 CITY OF MADISON

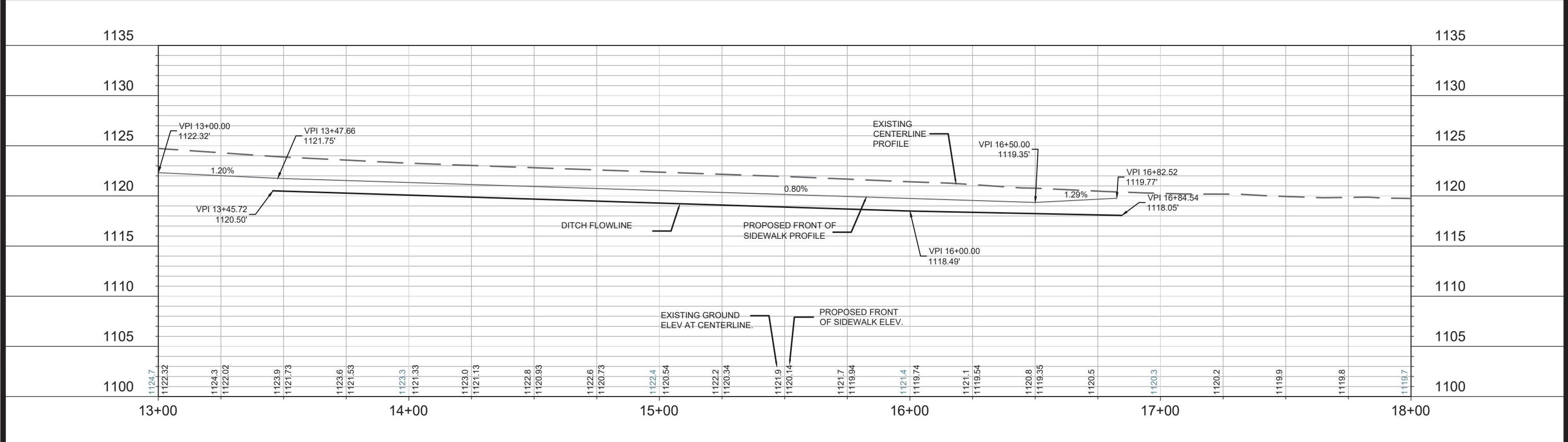
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 M-6



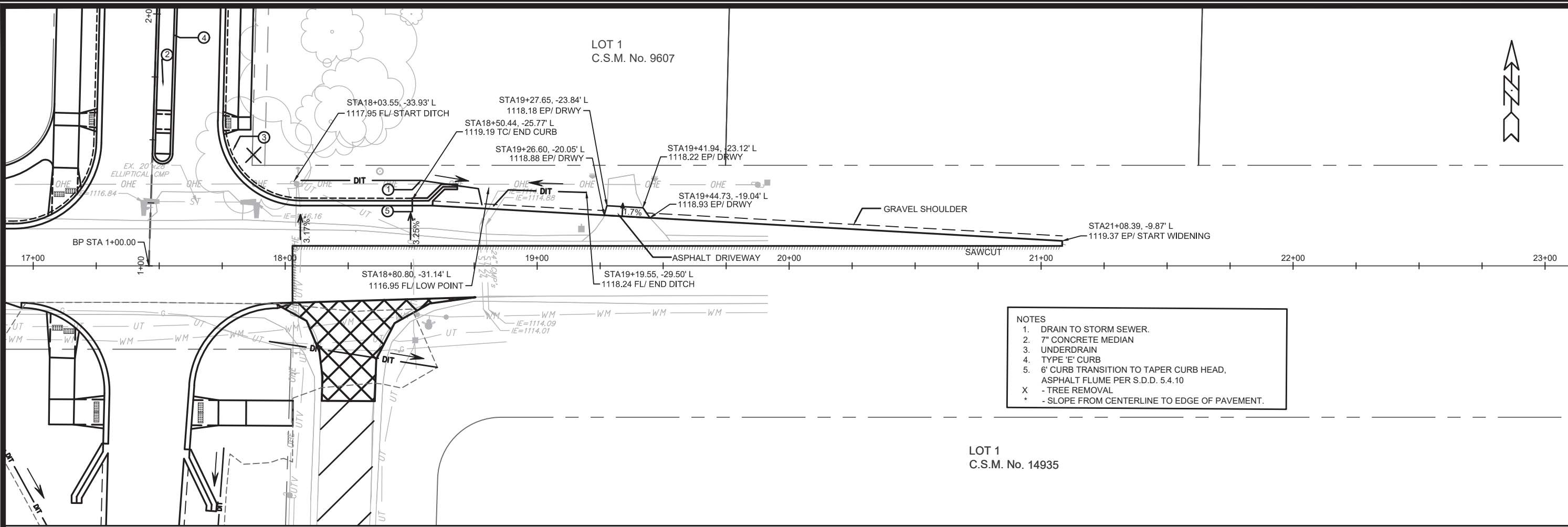
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 M-6



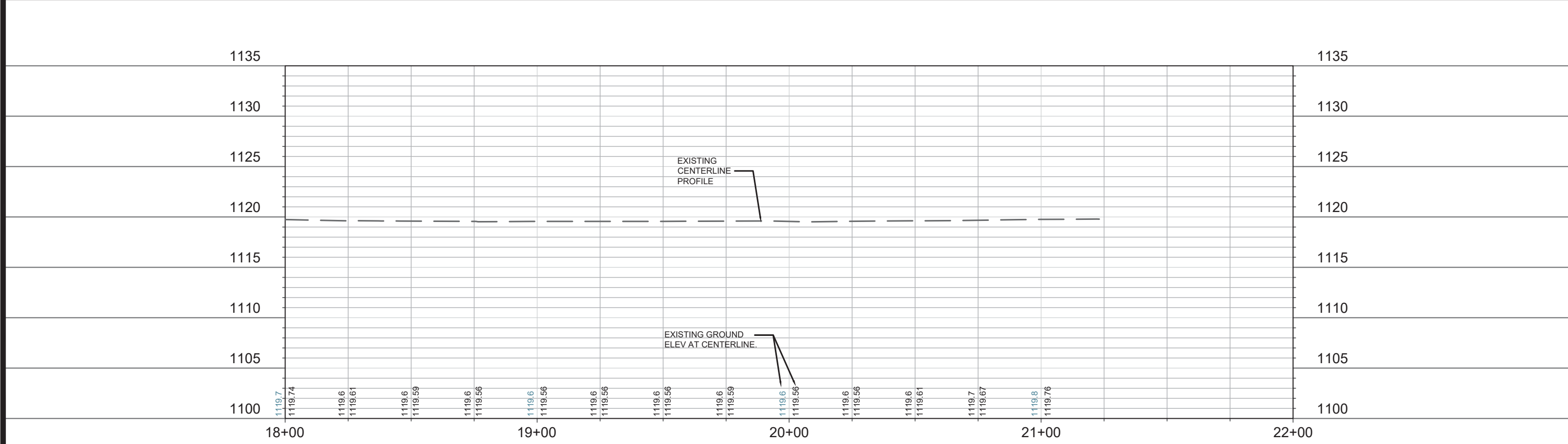
- NOTES**
1. 7" CONCRETE MEDIAN.
 2. UNDERDRAIN.
 3. TYPE 'E' CURB.
 4. 2' CONCRETE WATERWAY.
 5. INSTALL MOUNTABLE MEDIAN NOSE PER S.D.D. 3.13.
- X - TREE REMOVAL.



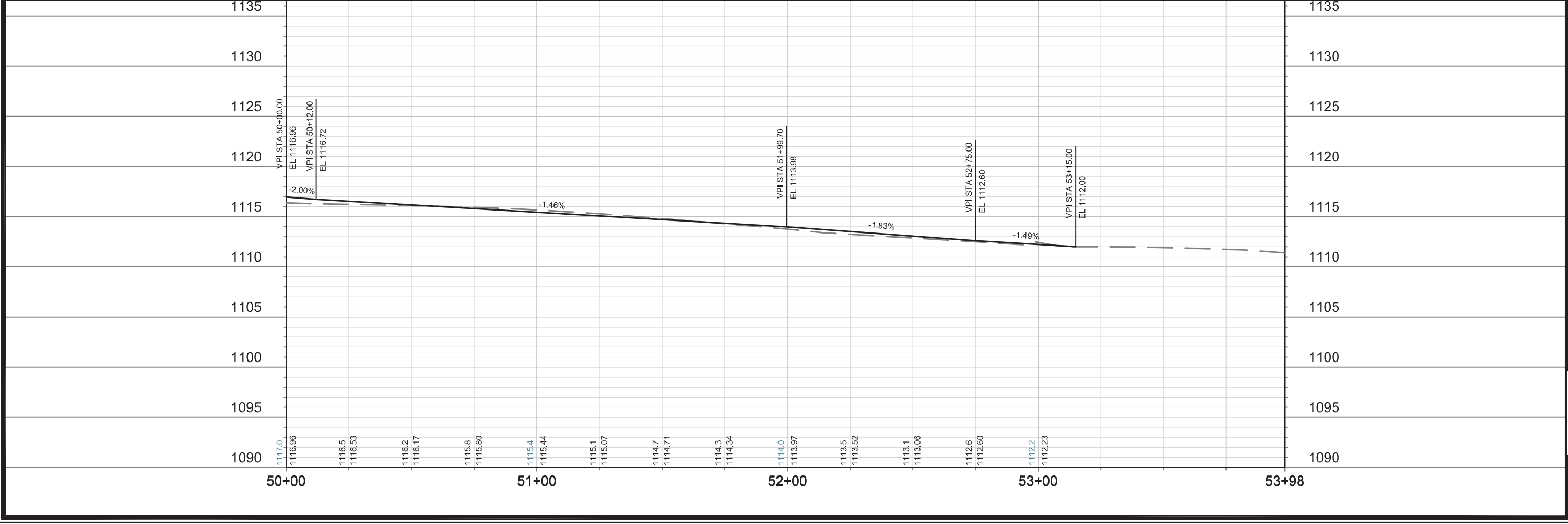
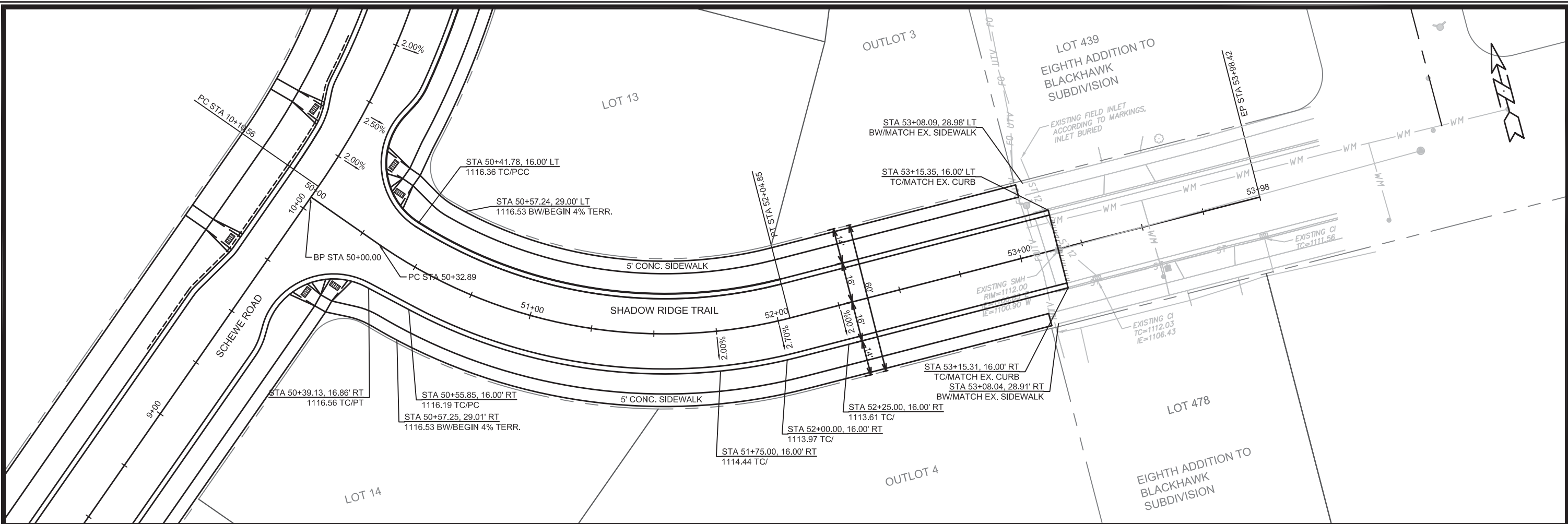
#1	REVISION 1	DATE	SCALE	P-1
#2	REVISION 2	12-16-19	1" = 40'	
12598 MADISON, WI POPE FARM ESTATES CITY OF MADISON CONTRACT NO: 8392 12598 P-1				



- NOTES**
1. DRAIN TO STORM SEWER.
 2. 7" CONCRETE MEDIAN
 3. UNDERDRAIN
 4. TYPE 'E' CURB
 5. 6' CURB TRANSITION TO TAPER CURB HEAD, ASPHALT FLUME PER S.D.D. 5.4.10
- X - TREE REMOVAL
 * - SLOPE FROM CENTERLINE TO EDGE OF PAVEMENT.



12598	12598	12598
MADISON, WI	MADISON, WI	MADISON, WI
POPE FARM ESTATES	POPE FARM ESTATES	POPE FARM ESTATES
CITY OF MADISON	CITY OF MADISON	CITY OF MADISON
CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392
DESIGNED BY: IO	DESIGNED BY: IO	DESIGNED BY: IO
DATE: 09-16-19	DATE: 09-16-19	DATE: 09-16-19
SCALE: 1"=40'	SCALE: 1"=40'	SCALE: 1"=40'
MARK	MARK	MARK
#1	#1	#1
#2	#2	#2
REVISION 1	REVISION 1	REVISION 1
REVISION 2	REVISION 2	REVISION 2
IO	IO	IO
JPS	JPS	JPS
BT	BT	BT
P-2	P-2	P-2



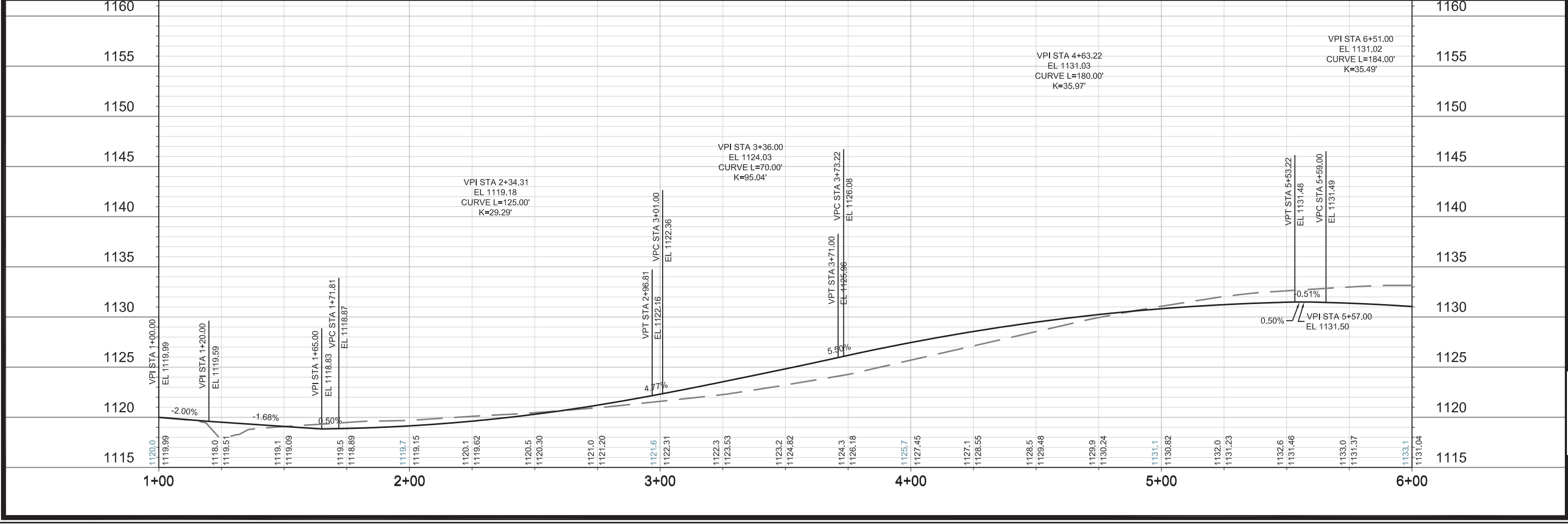
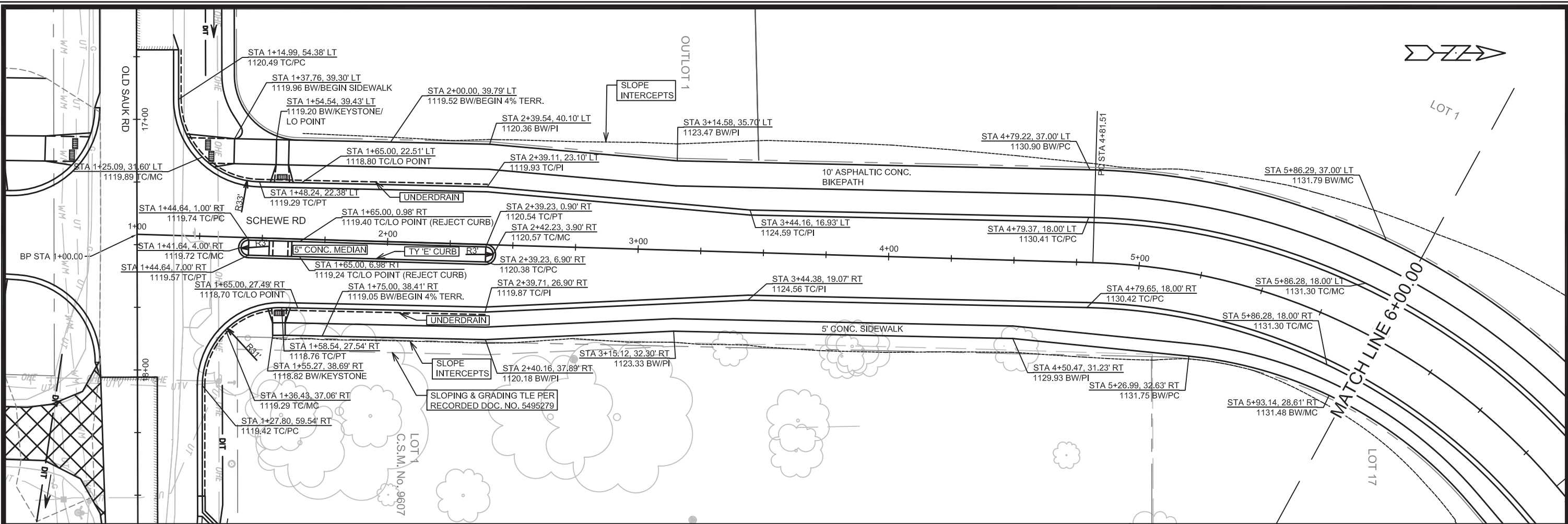
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MARK	DATE	BY	
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12598
 MADISON, MADISON, WI
 CONTRACT NO: 8392

P-3 SHADOW RIDGE TRAIL PLAN & PROFILE
 POPE FARM ESTATES
 CITY OF MADISON



12598
 P-3

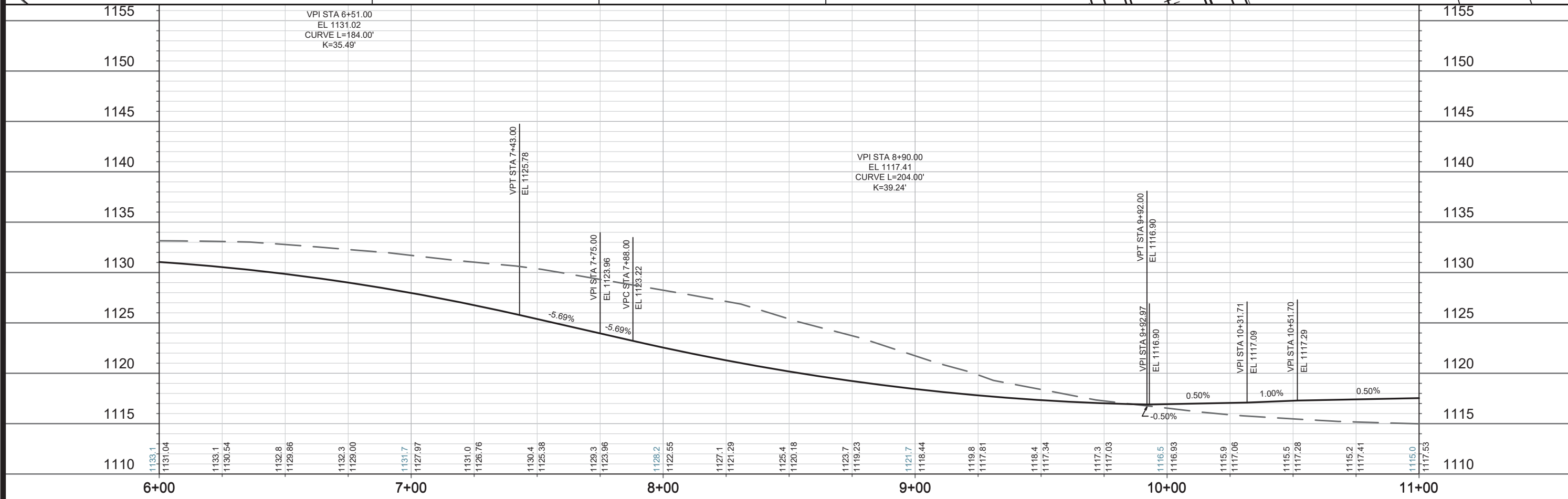
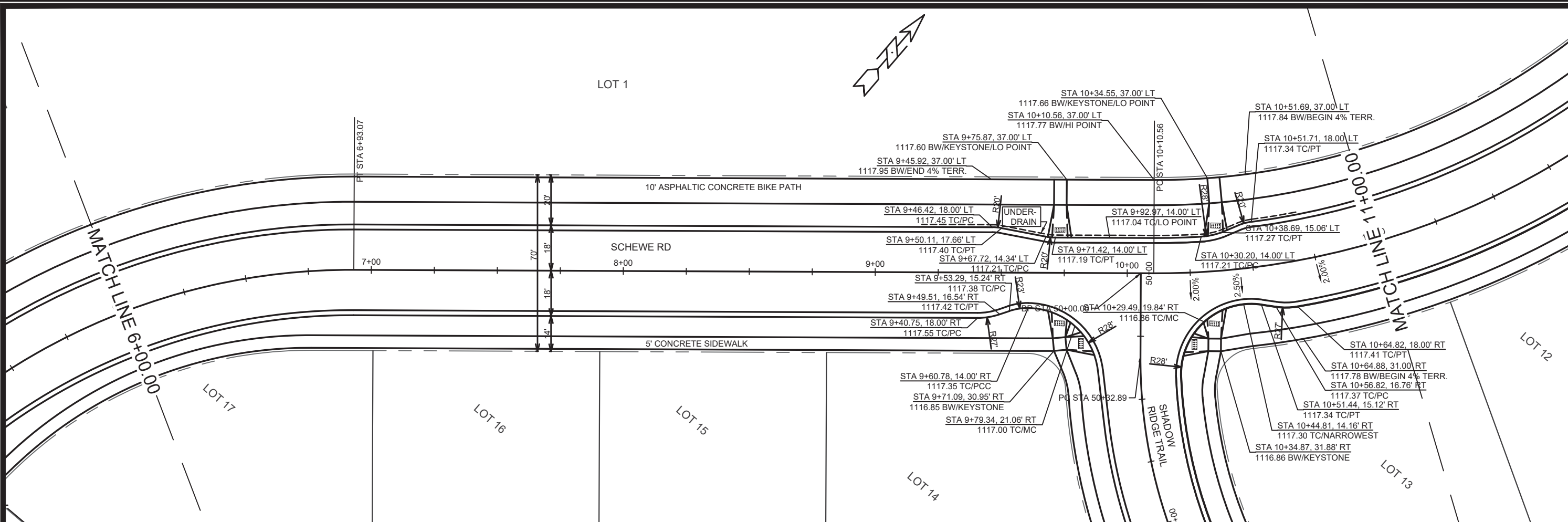


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REVISION 1	12-16-19	JPS
DATE	9-26-19	
DESIGNED BY	ID	
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PAGE	P-4	

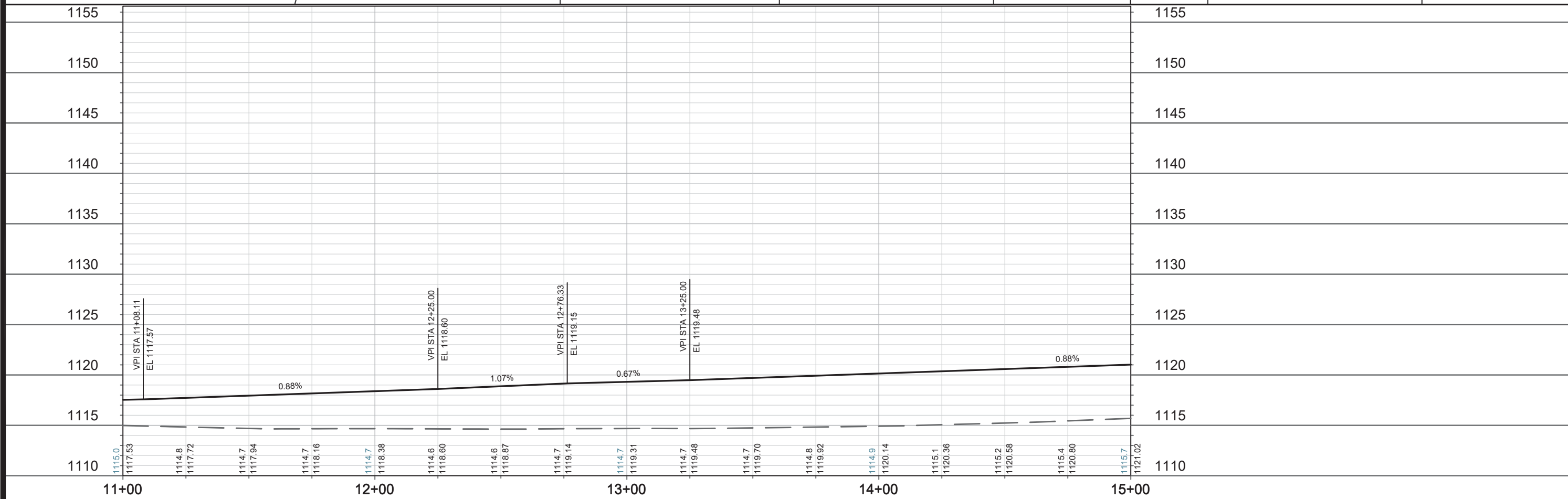
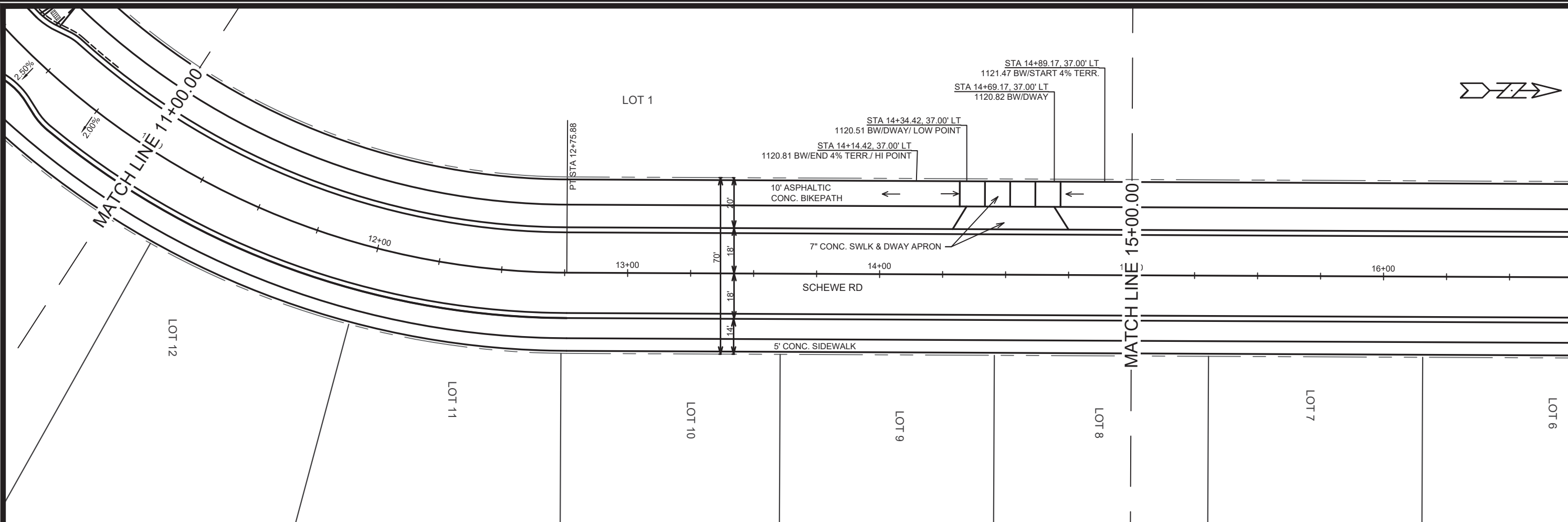
12598
 MADISON, MADISON, WI
 CONTRACT NO: 8392


P-4 SCHEWE RD NORTH PLAN & PROFILE
 POPE FARM ESTATES
 CITY OF MADISON

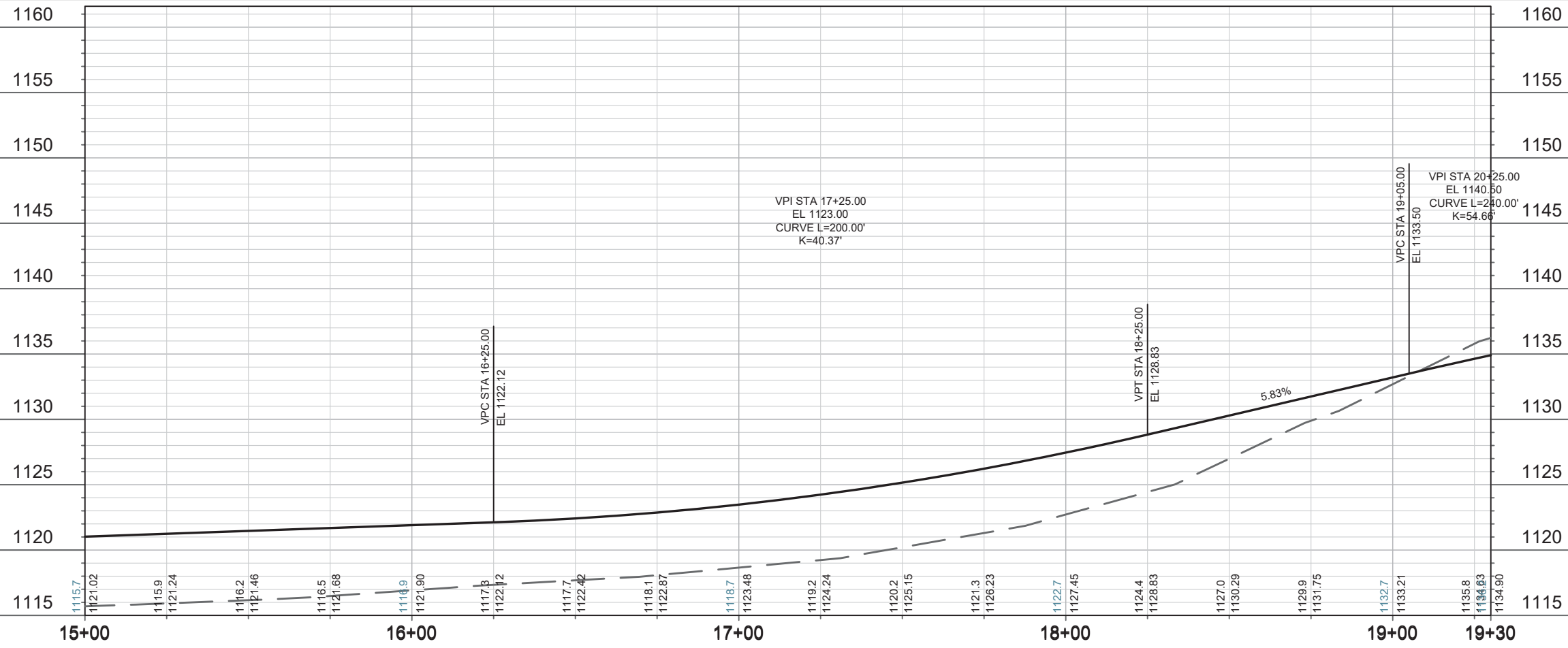
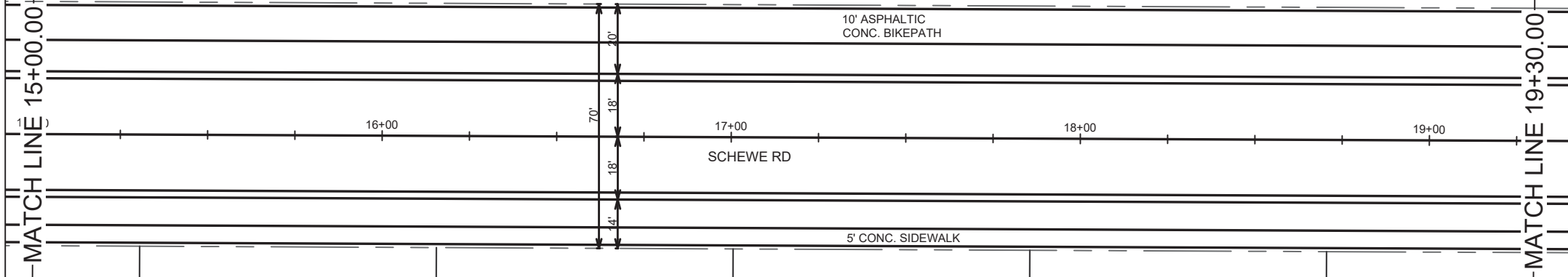




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MARK		DATE		
Designed By: IO	Date: 9-26-19			
12598		MADISON, MADISON, WI		CONTRACT NO: 8392
P-5 SCHEWE RD NORTH PLAN & PROFILE POPE FARM ESTATES CITY OF MADISON				
12598		P-5		



 CITY OF MADISON	12598 P-6	P-6 SCHEWE RD NORTH PLAN & PROFILE MADISON, MADISON, WI POPE FARM ESTATES CONTRACT NO: 8392
REVISION 2 3-5-20 IO REVISION 1 12-16-19 JPS REVISION DATE Scale: 1"=40' FT	#1 MARK Designed By: LO	12598 MADISON, MADISON, WI CONTRACT NO: 8392 P-6



P-7 SCHEWE RD NORTH PLAN & PROFILE

12598

MADISON, MADISON, WI

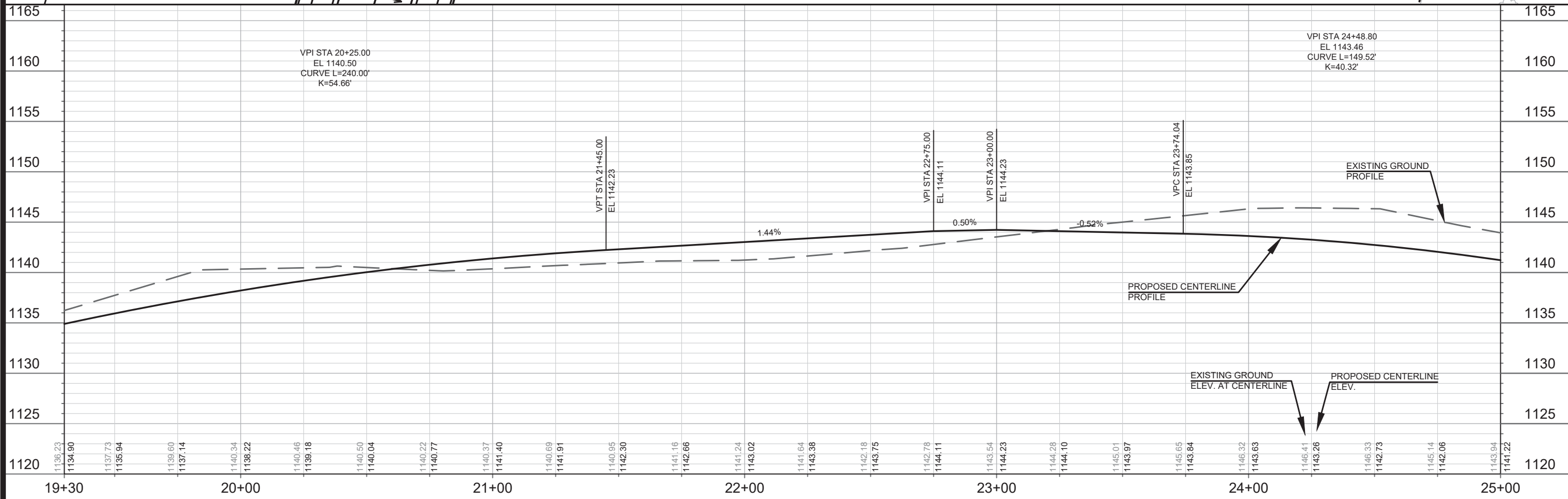
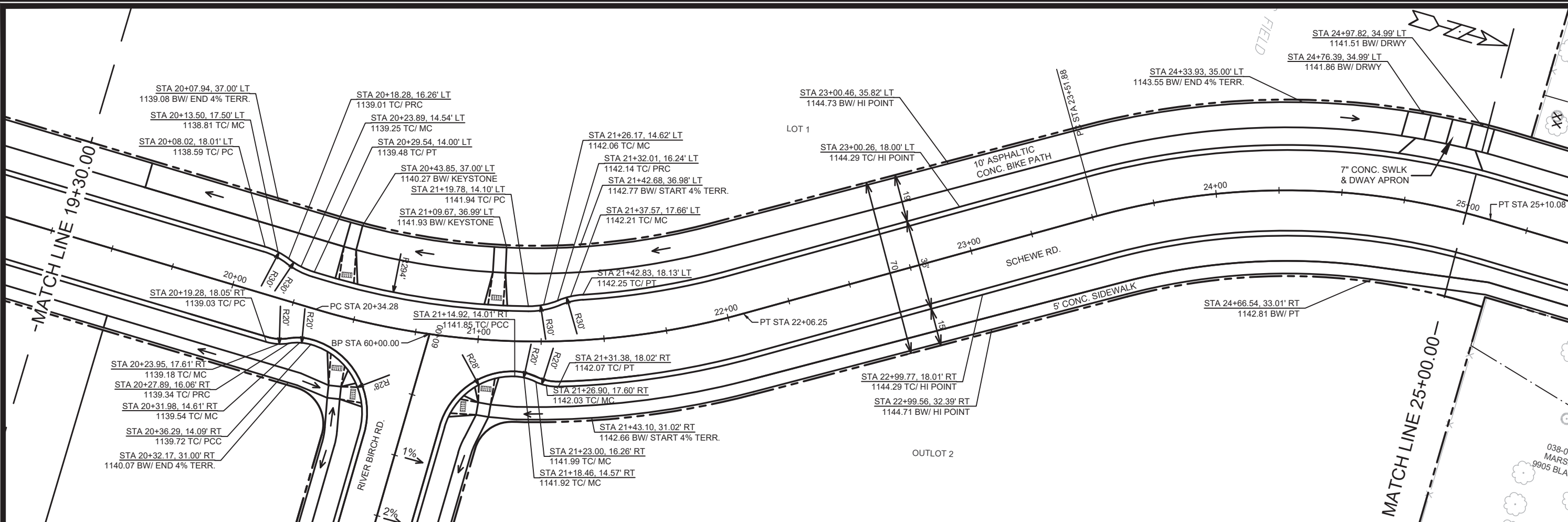
POPE FARM ESTATES

CITY OF MADISON

CONTRACT NO: 8392

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3-5-20	IO
REVISION 1	JPS
12-16-19	JPS
MARK	BT
Designed By: LO	Date: 9-26-19
Scale: 1"=40 FT	

P-7



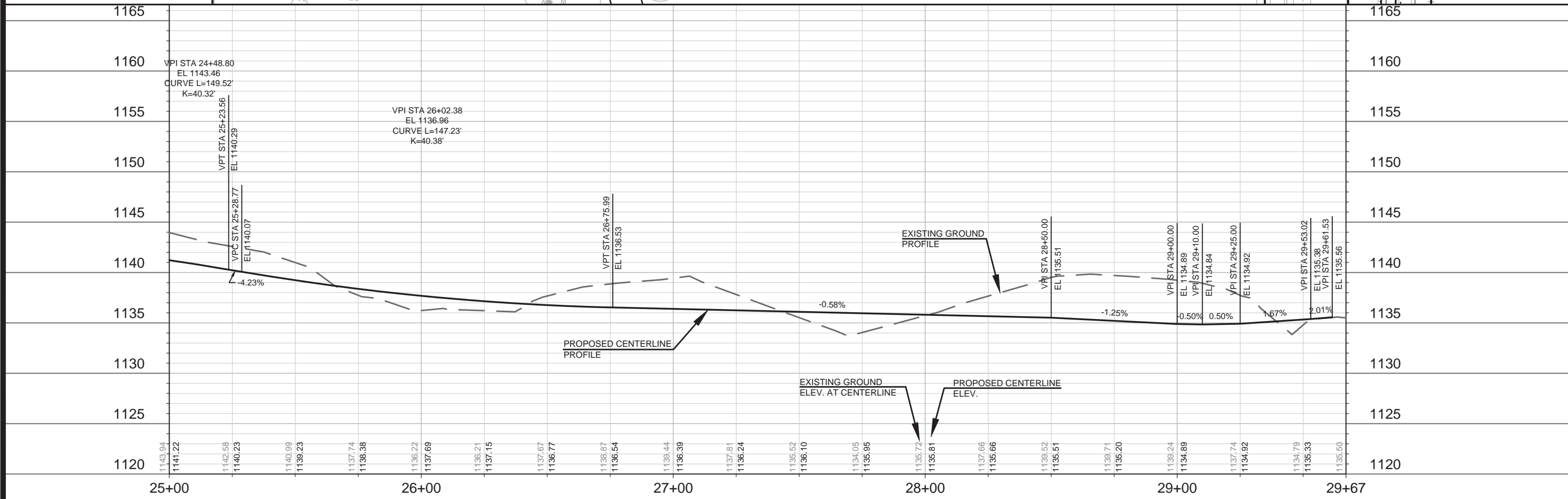
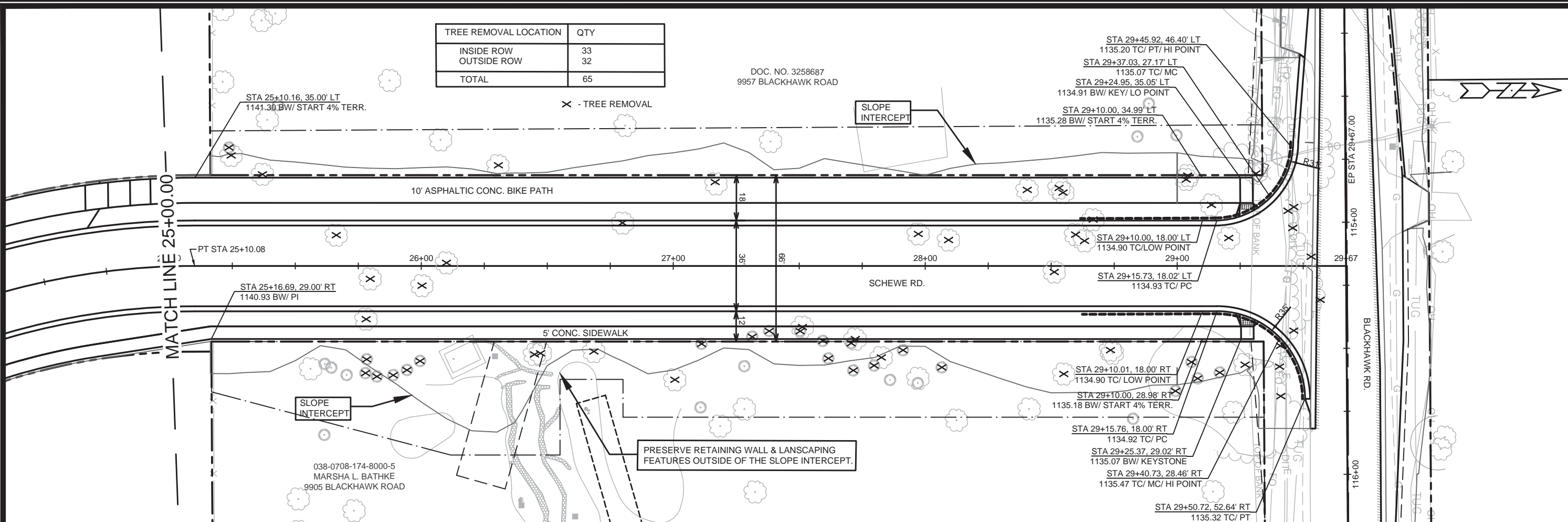
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12598		MADISON, WI	
P-8 SCHEUWE RD PLAN & PROFILE		POPE FARM ESTATES	
12598		P-8	

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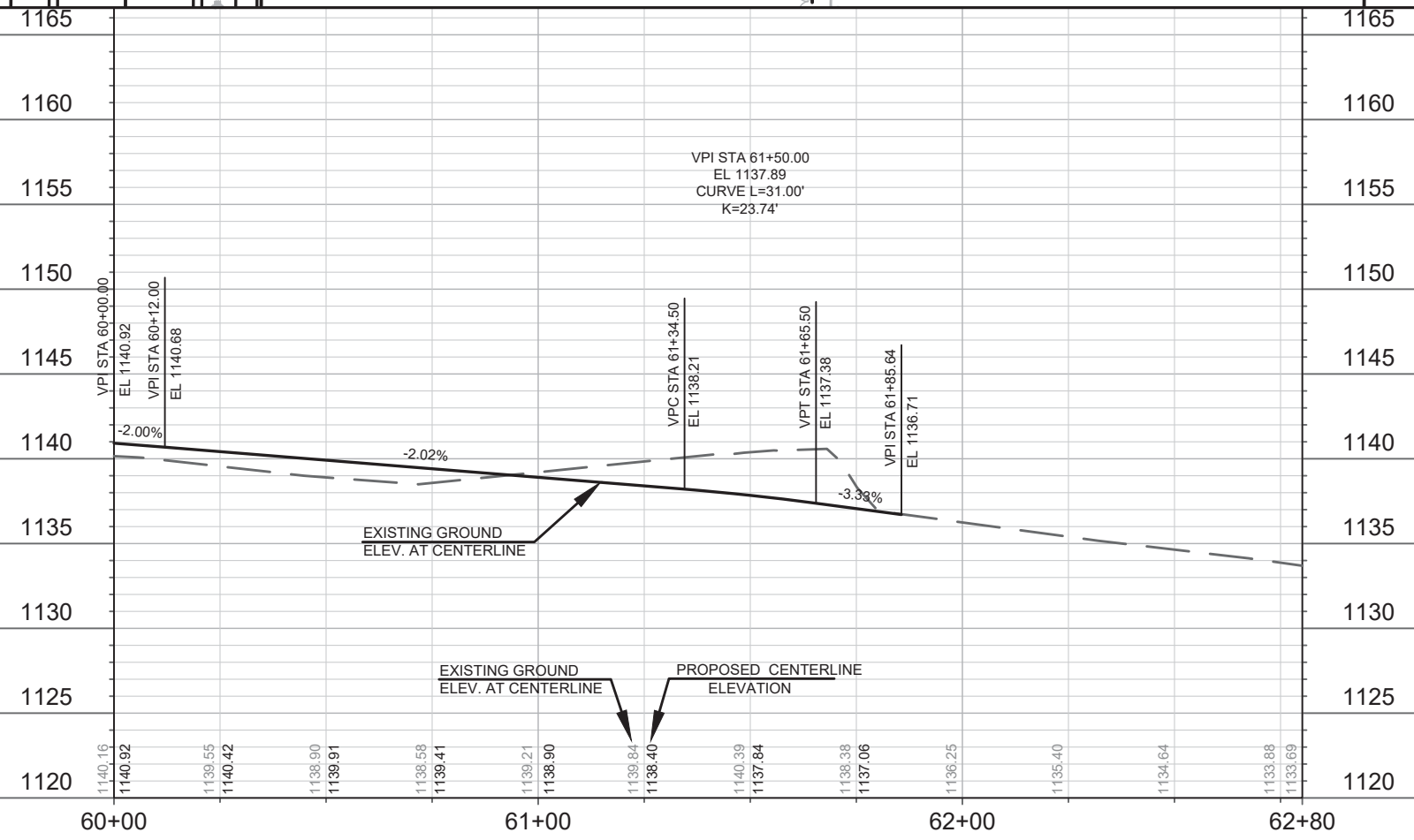
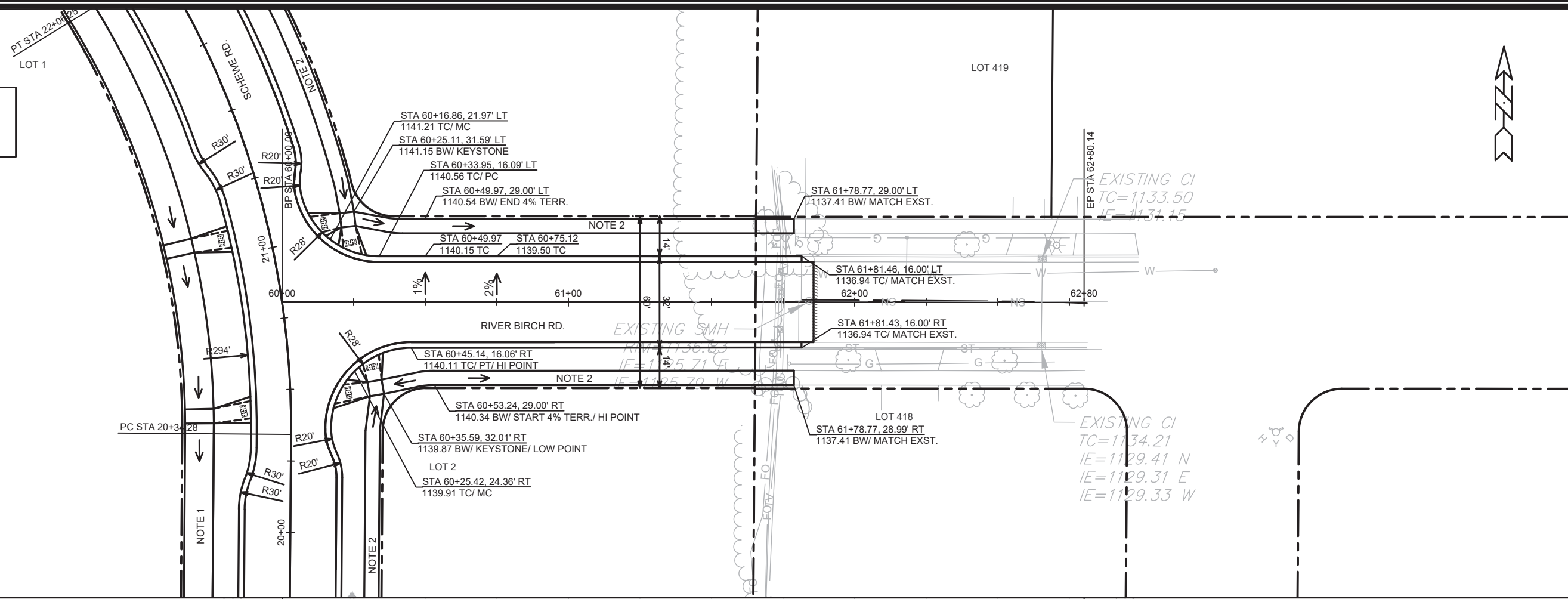
TREE REMOVAL LOCATION	QTY
INSIDE ROW	33
OUTSIDE ROW	32
TOTAL	65

DOC. NO. 3258687
9957 BLACKHAWK ROAD



12598	MADISON, WI	8392	12598								
P-9 SCHEWE RD PLAN & PROFILE		CONTRACT NO.:									
POPE FARM ESTATES		12598									
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MARK	REVISION	DATE	BY								

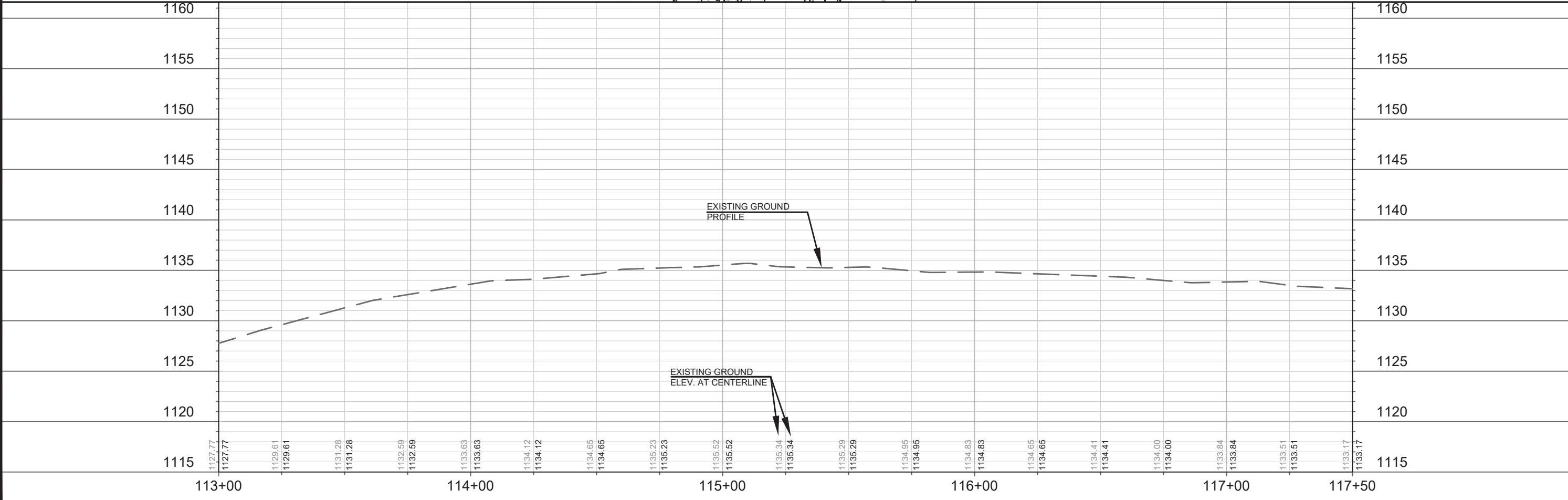
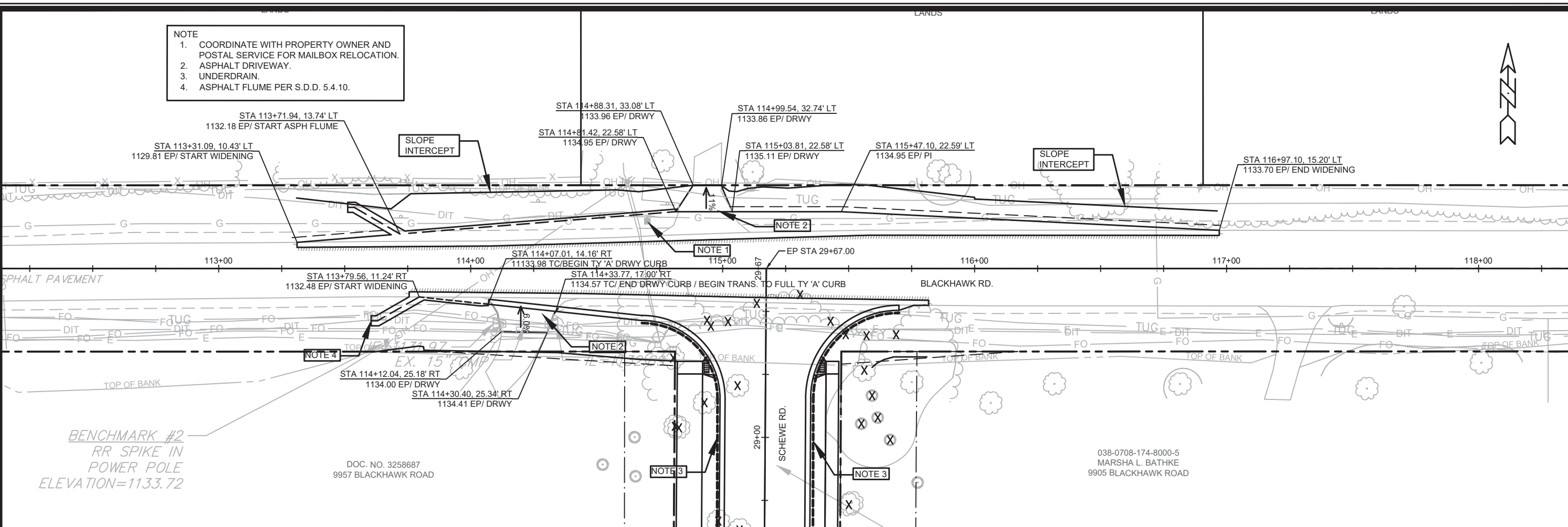
NOTE
 1. 10' ASPHALTIC CONCRETE BIKEPATH.
 2. 5' CONCRETE SIDEWALK.



MARK	REVISION	DATE	BY
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DESIGNED BY: LO	DATE	SCALE	
12598		1" = 40'	P-10

12598
 MADISON, WI
 RIVER BIRCH RD PLAN & PROFILE
 POPE FARM ESTATES
 CONTRACT NO: 8392
 M:\DESIGN\Projects\12598\p2\CAD\Streets\12598\p2\EN-PnP.dwg
 CITY OF MADISON WISCONSIN
 12598
 P-10

- NOTE**
1. COORDINATE WITH PROPERTY OWNER AND POSTAL SERVICE FOR MAILBOX RELOCATION.
 2. ASPHALT DRIVEWAY.
 3. UNDERDRAIN.
 4. ASPHALT FLUME PER S.D.D. 5.4.10.



DOC. NO. 3258687
9957 BLACKHAWK ROAD

038-0708-174-8000-5
MARSHA L. BATHKE
9905 BLACKHAWK ROAD

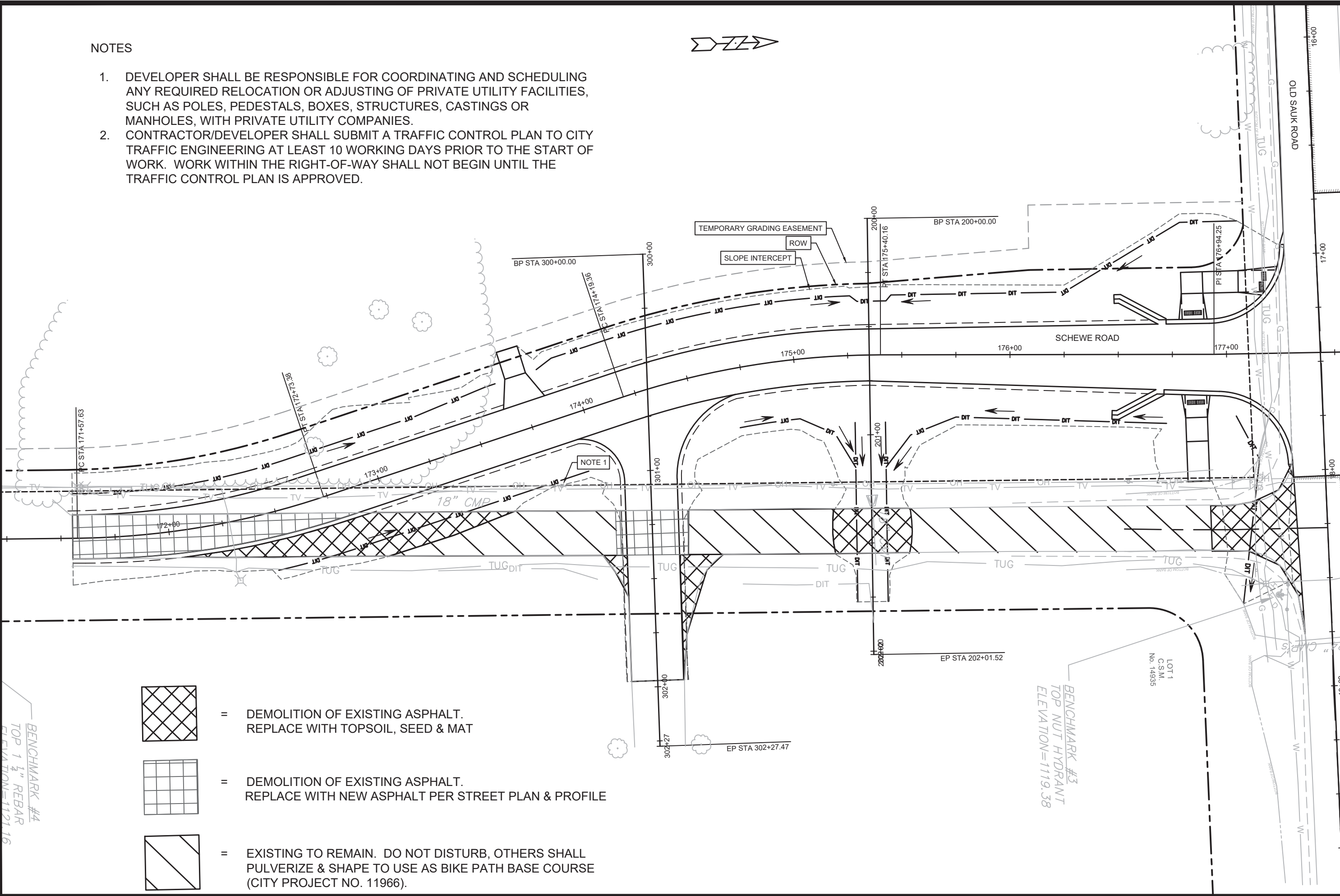
BENCHMARK #2
RR SPIKE IN
POWER POLE
ELEVATION=1133.72

12598
 MADISON, WI
 CONTRACT NO: 8392
 BLACKHAWK RD PLAN & PROFILE
 POPE FARM ESTATES
 12598
 P-11

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 P-11

NOTES

1. DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS OR MANHOLES, WITH PRIVATE UTILITY COMPANIES.
2. CONTRACTOR/DEVELOPER SHALL SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO THE START OF WORK. WORK WITHIN THE RIGHT-OF-WAY SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN IS APPROVED.



LEGEND

- = DEMOLITION OF EXISTING ASPHALT. REPLACE WITH TOPSOIL, SEED & MAT
- = DEMOLITION OF EXISTING ASPHALT. REPLACE WITH NEW ASPHALT PER STREET PLAN & PROFILE
- = EXISTING TO REMAIN. DO NOT DISTURB, OTHERS SHALL PULVERIZE & SHAPE TO USE AS BIKE PATH BASE COURSE (CITY PROJECT NO. 11966).

NOTES

- NOTE 1: [Location on plan]

BENCHMARK #4
TOP 1 1/4" REBAR
ELEVATION=1121.16

BENCHMARK #3
TOP NUT HYDRANT
ELEVATION=1119.38

LOT 1
C.S.M.
No. 14935

PROJECT NO.	12598
DATE	3/28/2020 6:14 PM
BY	
MARK	
REVISION	
Scale:	###/###/###
Drawn By: IO	12598
Design By: IO	12598
Checked By: IO	12598
Reviewed By: IO	12598
Approved By: IO	12598
Scale:	###/###/###
Project:	12598
Sheet:	P-12

SCHEWE ROAD SOUTH REALIGNMENT STREET AND STORM SEWER

POPE FARM ESTATES

MADISON, WI

CONTRACT NO: 8392

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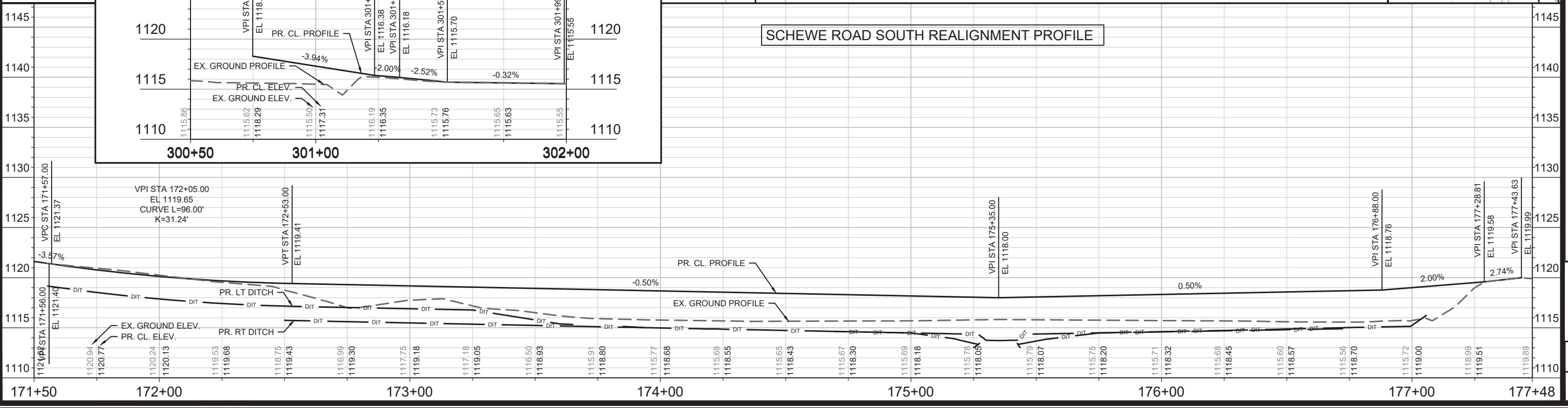
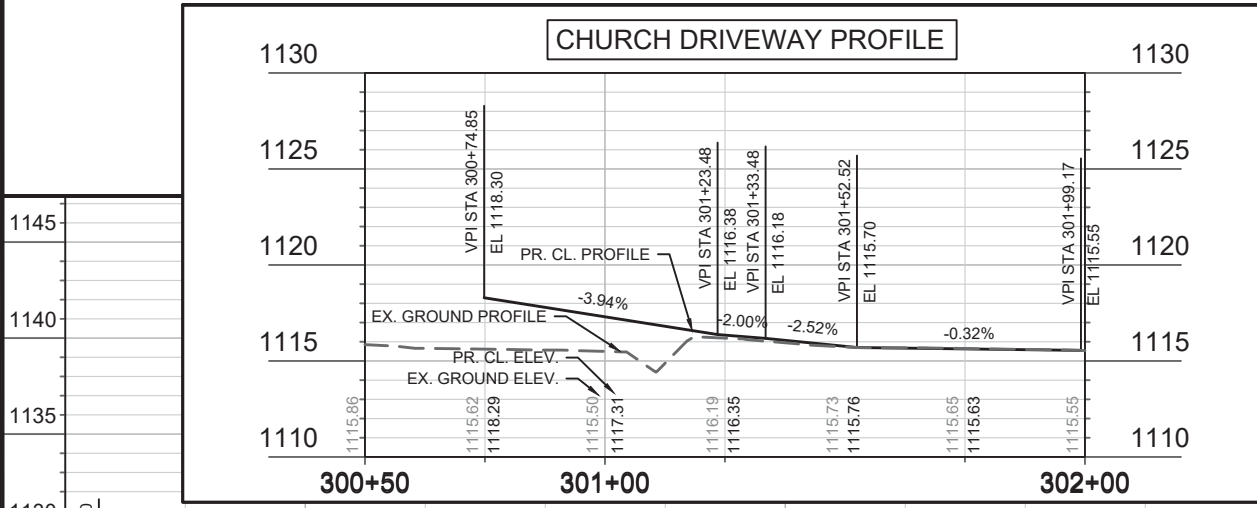
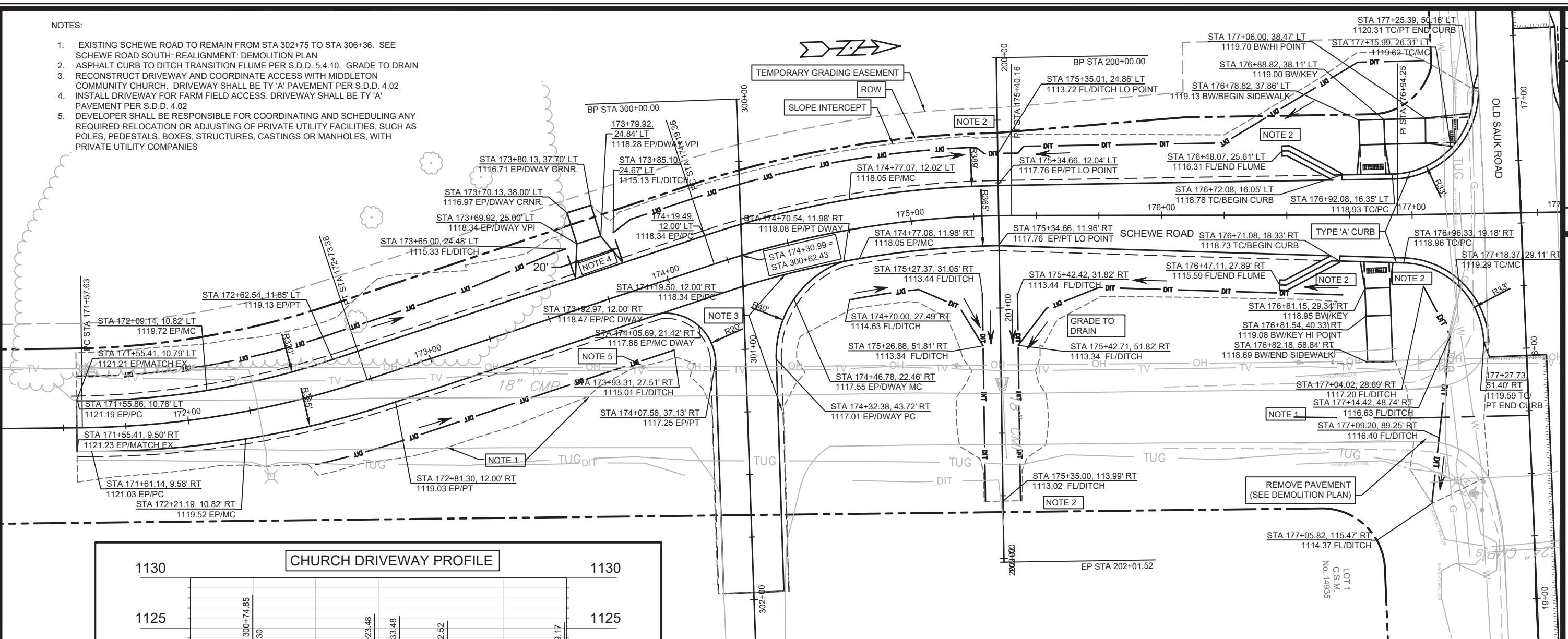
CITY OF MADISON WISCONSIN

12598

P-12

NOTES:

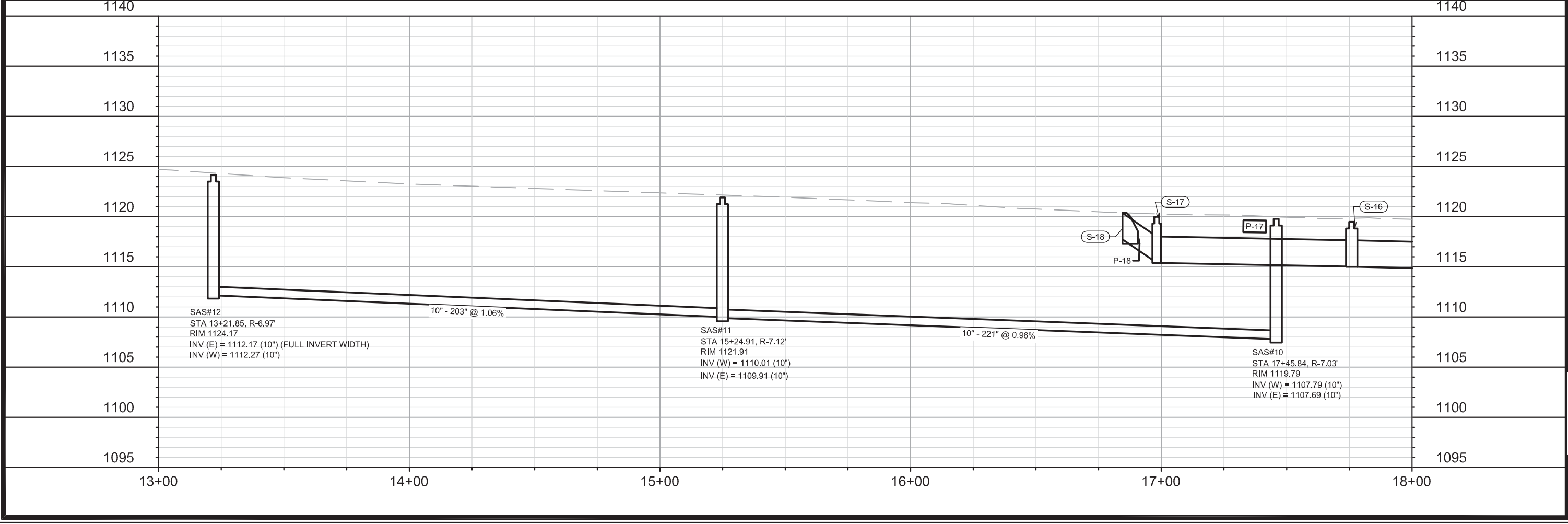
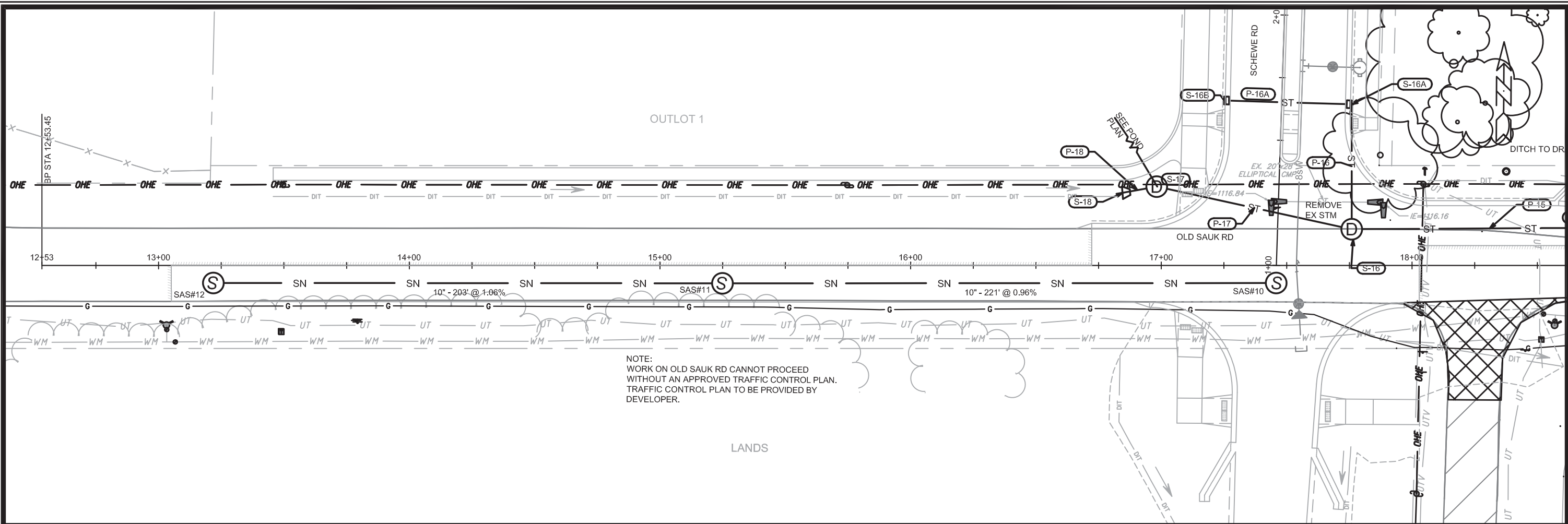
- EXISTING SCHEWE ROAD TO REMAIN FROM STA 302+75 TO STA 306+36. SEE SCHEWE ROAD SOUTH: REALIGNMENT: DEMOLITION PLAN
- ASPHALT CURB TO DITCH TRANSITION FLUME PER S.D.D. 5.4.10. GRADE TO DRAIN
- RECONSTRUCT DRIVEWAY AND COORDINATE ACCESS WITH MIDDLETON COMMUNITY CHURCH. DRIVEWAY SHALL BE TY 'A' PAVEMENT PER S.D.D. 4.02
- INSTALL DRIVEWAY FOR FARM FIELD ACCESS. DRIVEWAY SHALL BE TY 'A' PAVEMENT PER S.D.D. 4.02
- DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS OR MANHOLES, WITH PRIVATE UTILITY COMPANIES



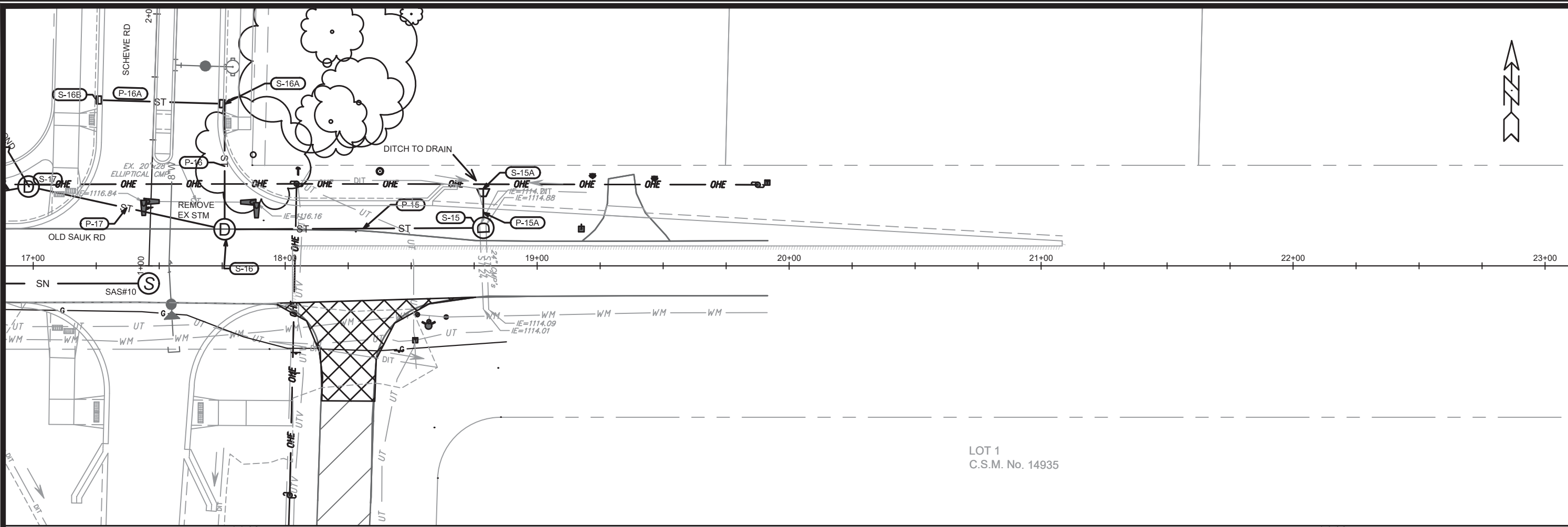
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PROJECT NO.	12598		

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 SCHEWE ROAD SOUTH REALIGNMENT STREET AND STORM SEWER
 POPE FARM ESTATES
 CONTRACT NO.: 8392

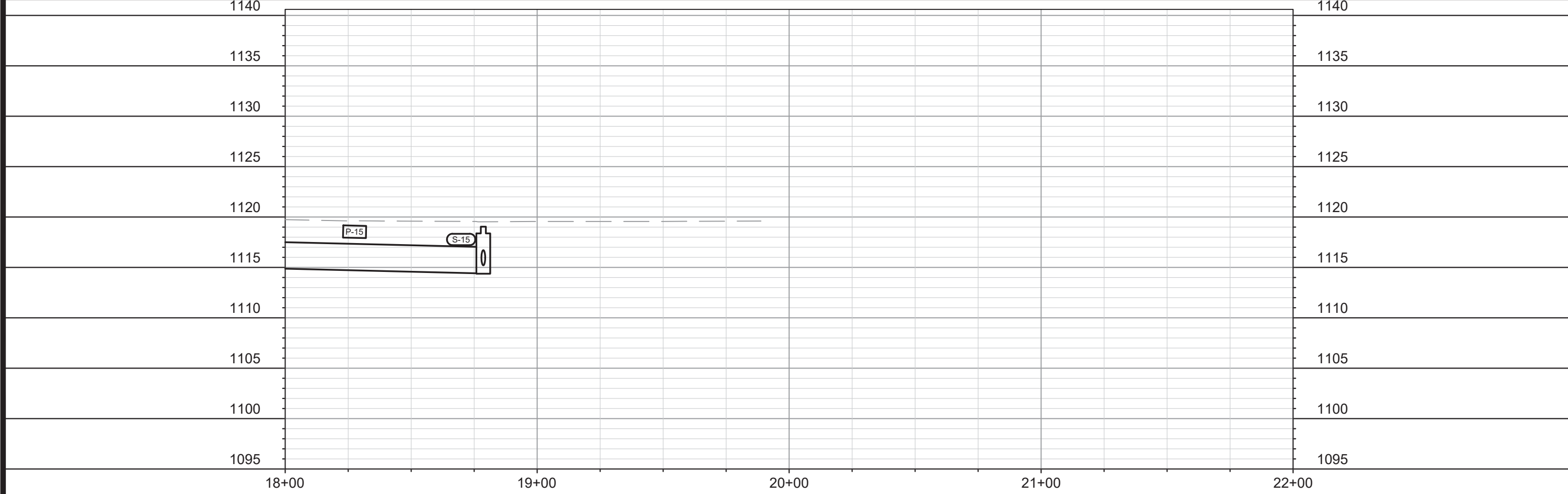
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BY	BY	BY
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12598 POPE FARM ESTATES CITY OF MADISON		
12598 U-1		



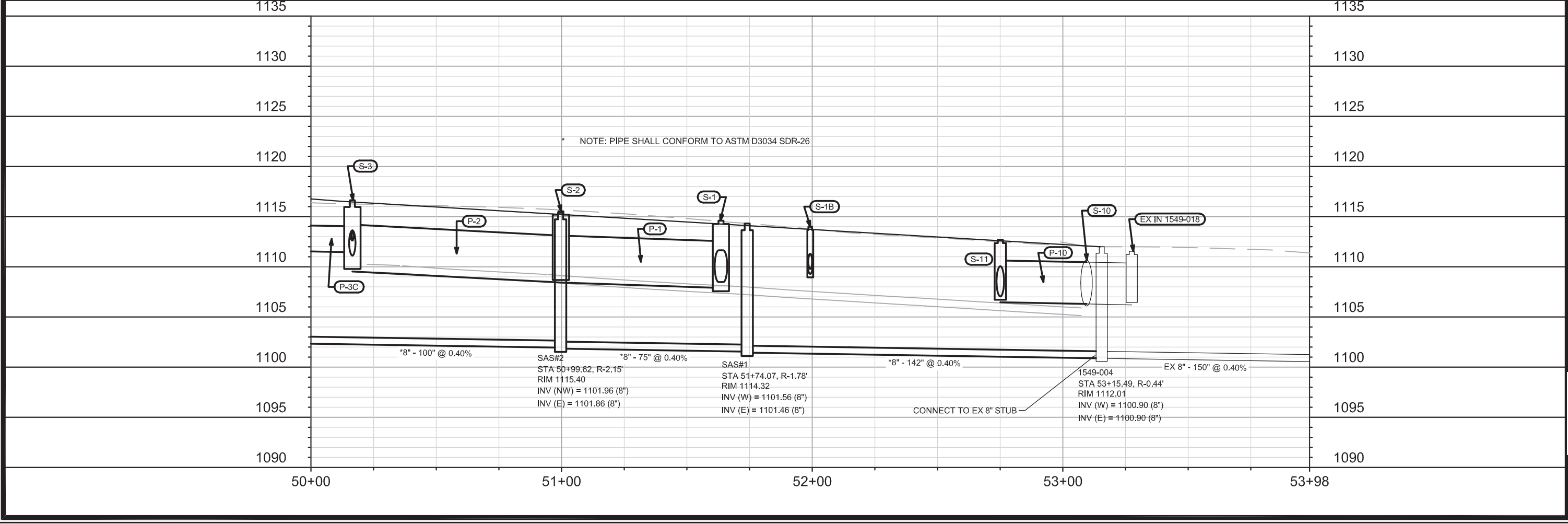
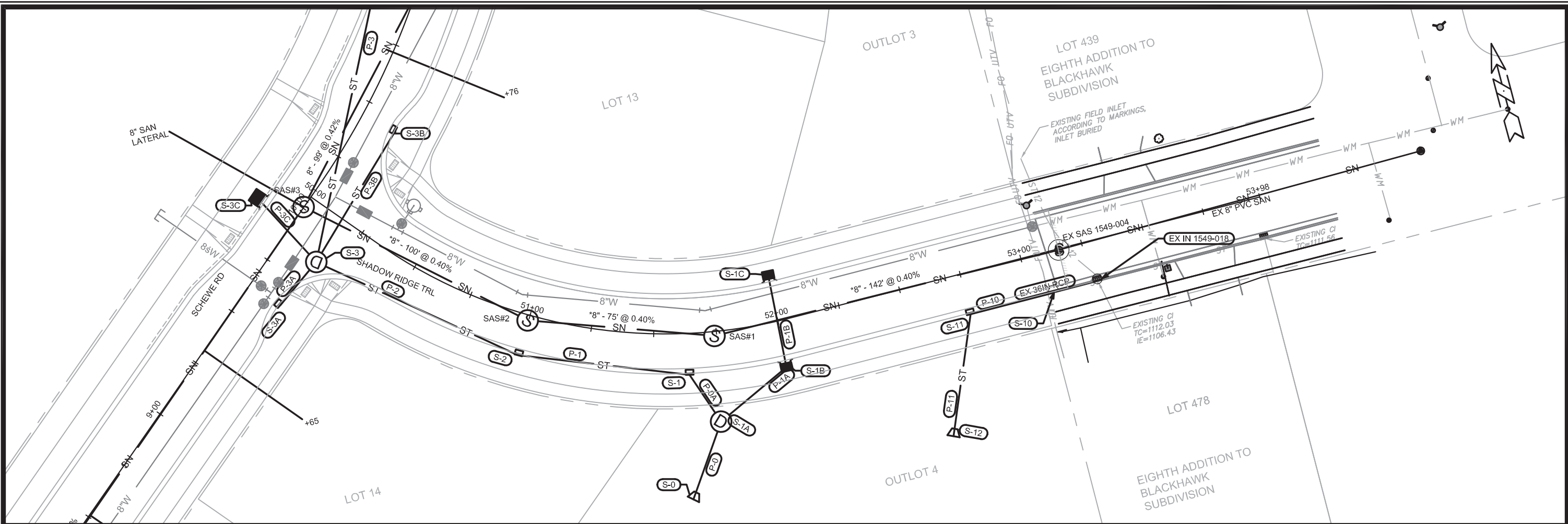
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C.S.M. No. 14935



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CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392	CONTRACT NO: 8392
U-2	U-2	U-2	U-2	U-2	U-2	U-2	U-2	U-2	U-2

OLD SAUK RD - UTILITY PLAN & PROFILE
 POPE FARM ESTATES
CITY OF MADISON

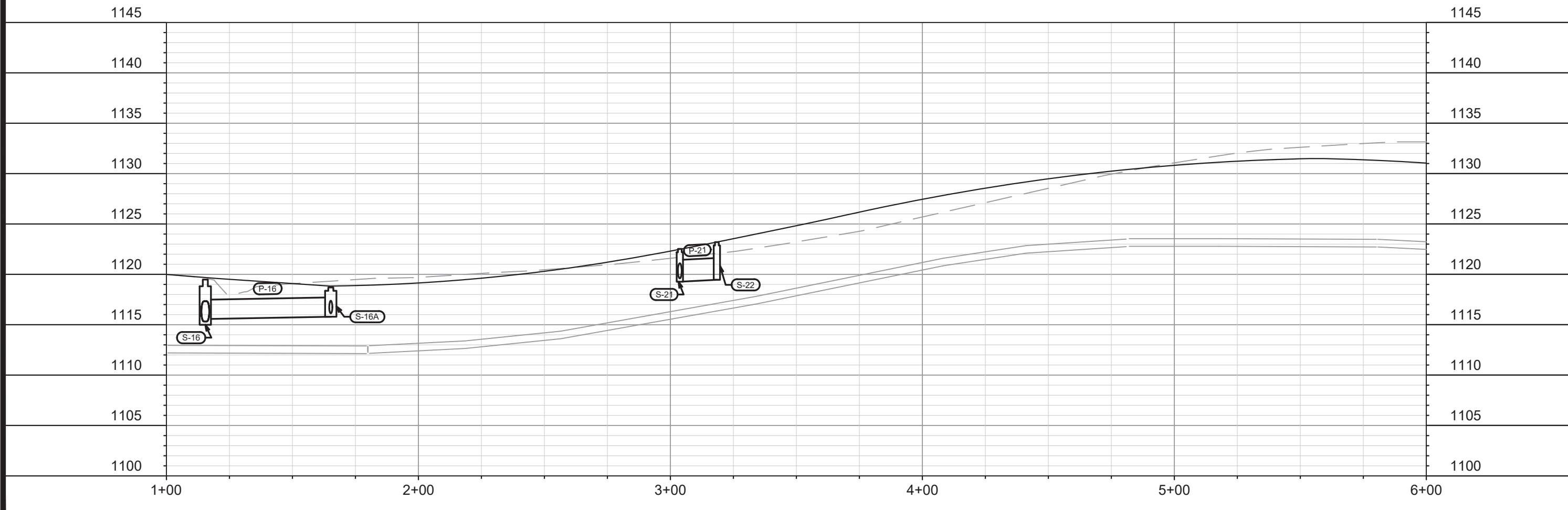
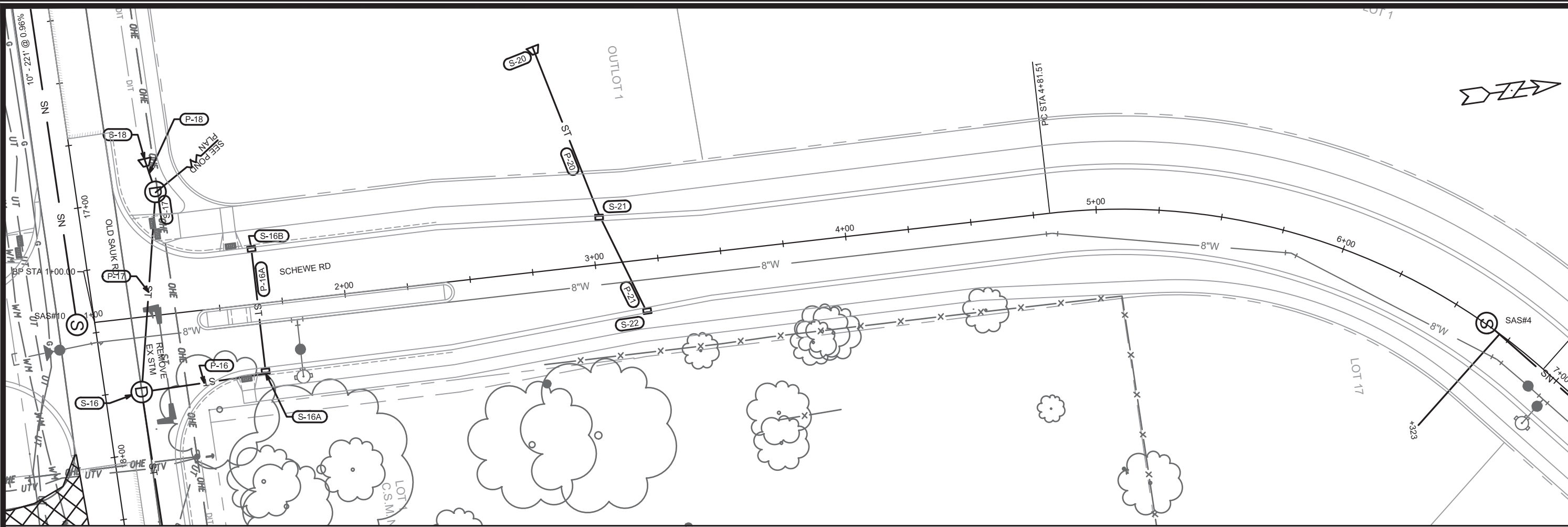
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 U-2




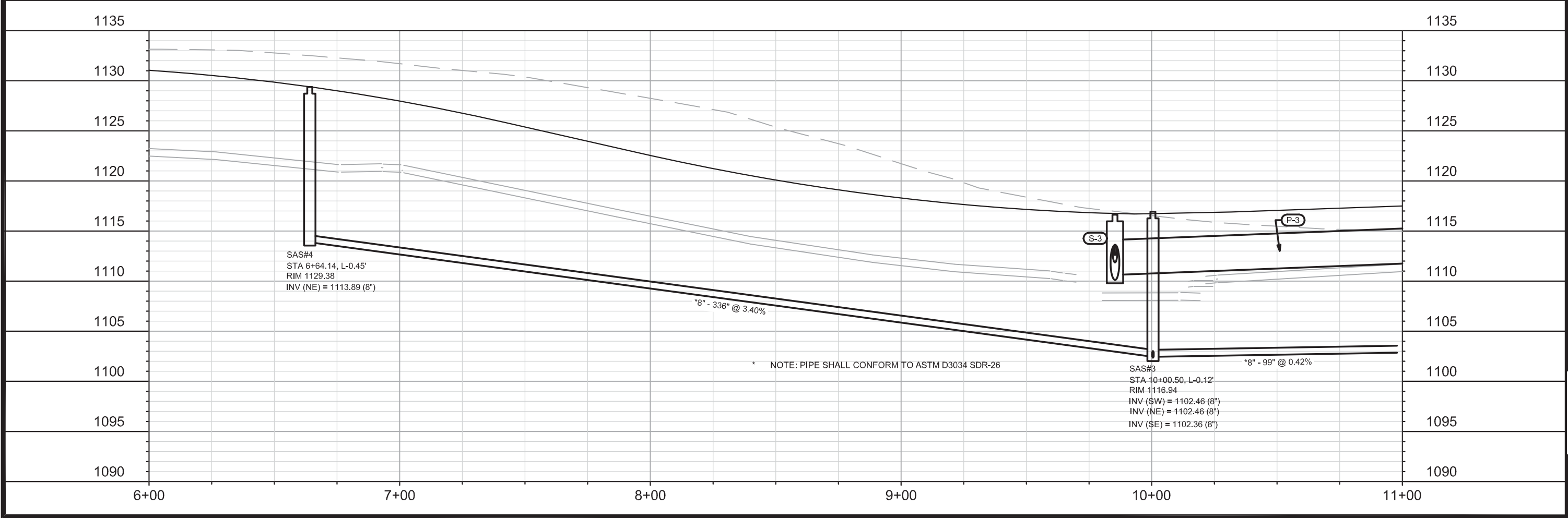
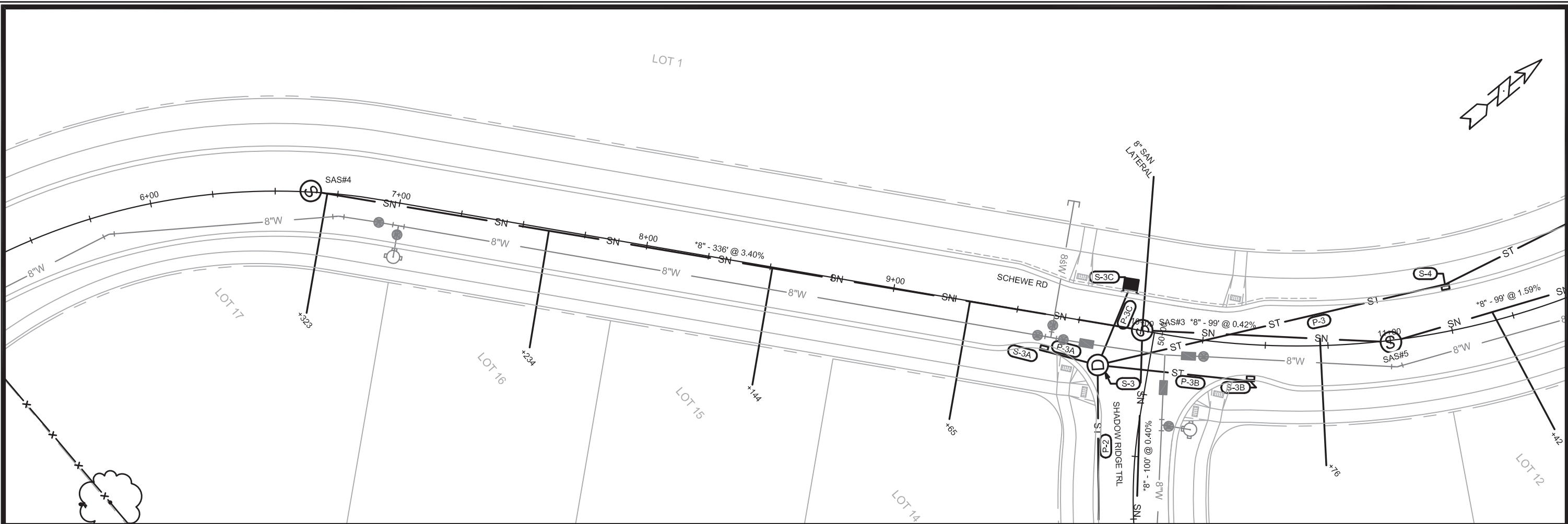
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POPE FARM ESTATES		8392
CITY OF MADISON		CONTRACT NO:
MADISON, WI		
EIGHTH ADDITION TO BLACKHAWK SUBDIVISION		
EIGHTH ADDITION TO BLACKHAWK SUBDIVISION		



12598
U-3



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CONTRACT NO:				
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U-4				
SCHEWE RD - UTILITY PLAN & PROFILE				
POPE FARM ESTATES				
CITY OF MADISON				
				
12598				
U-4				



* NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR-26

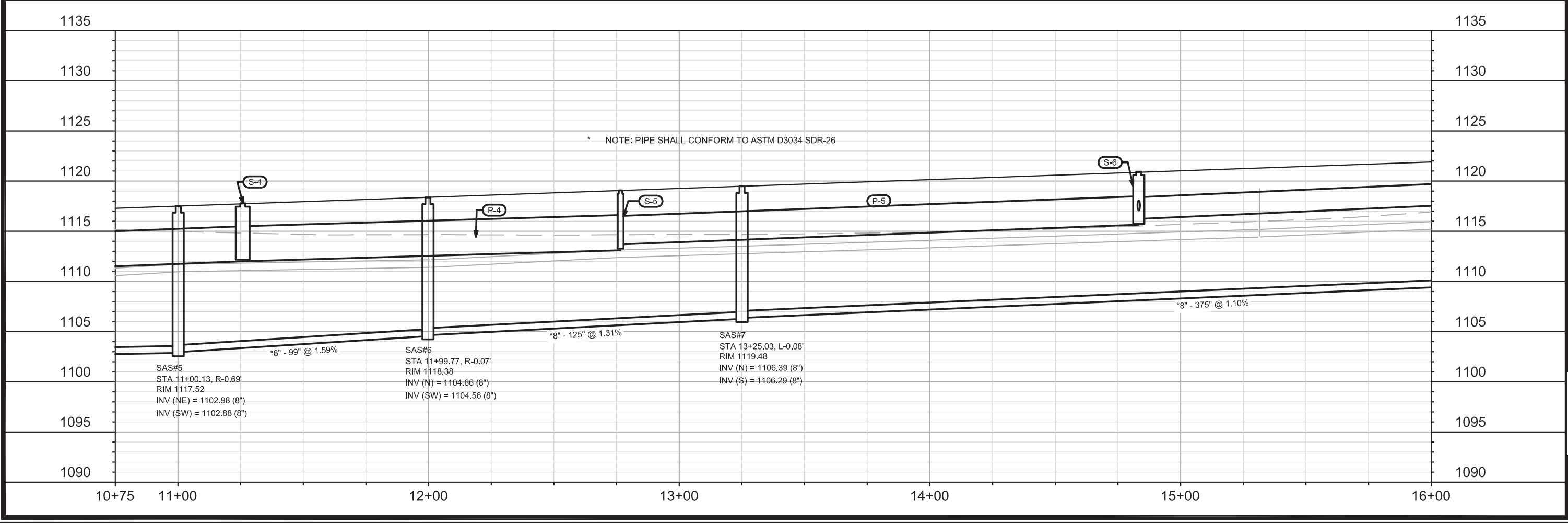
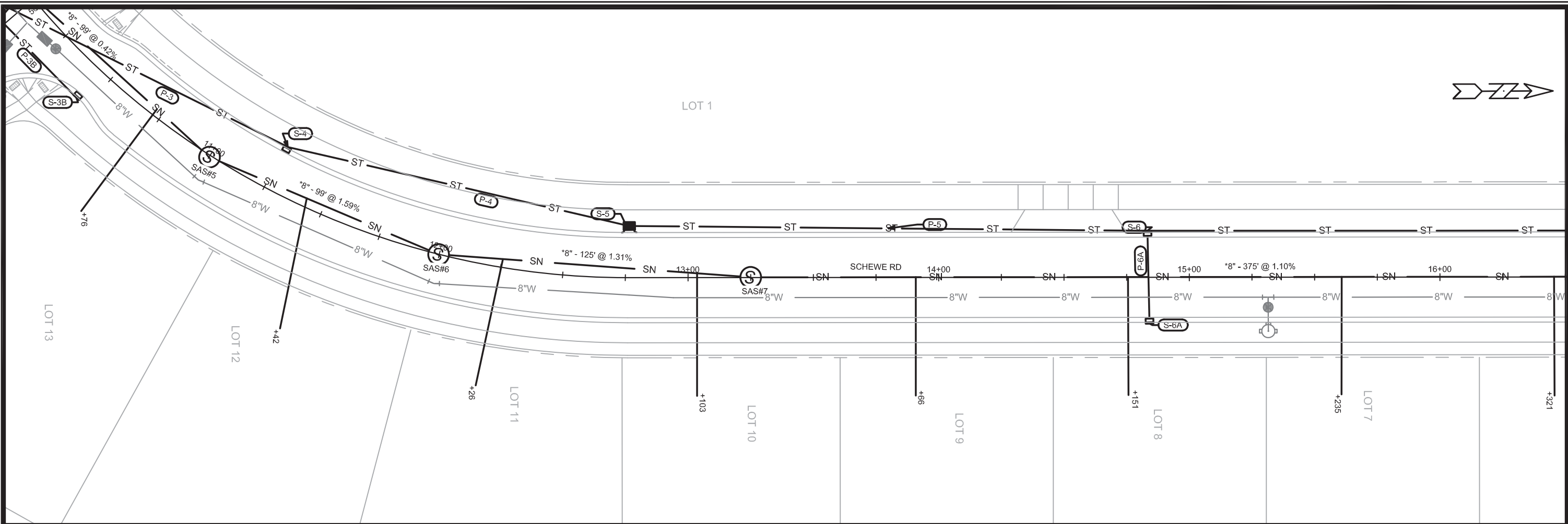
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MADISON, WI
CONTRACT NO: 8392

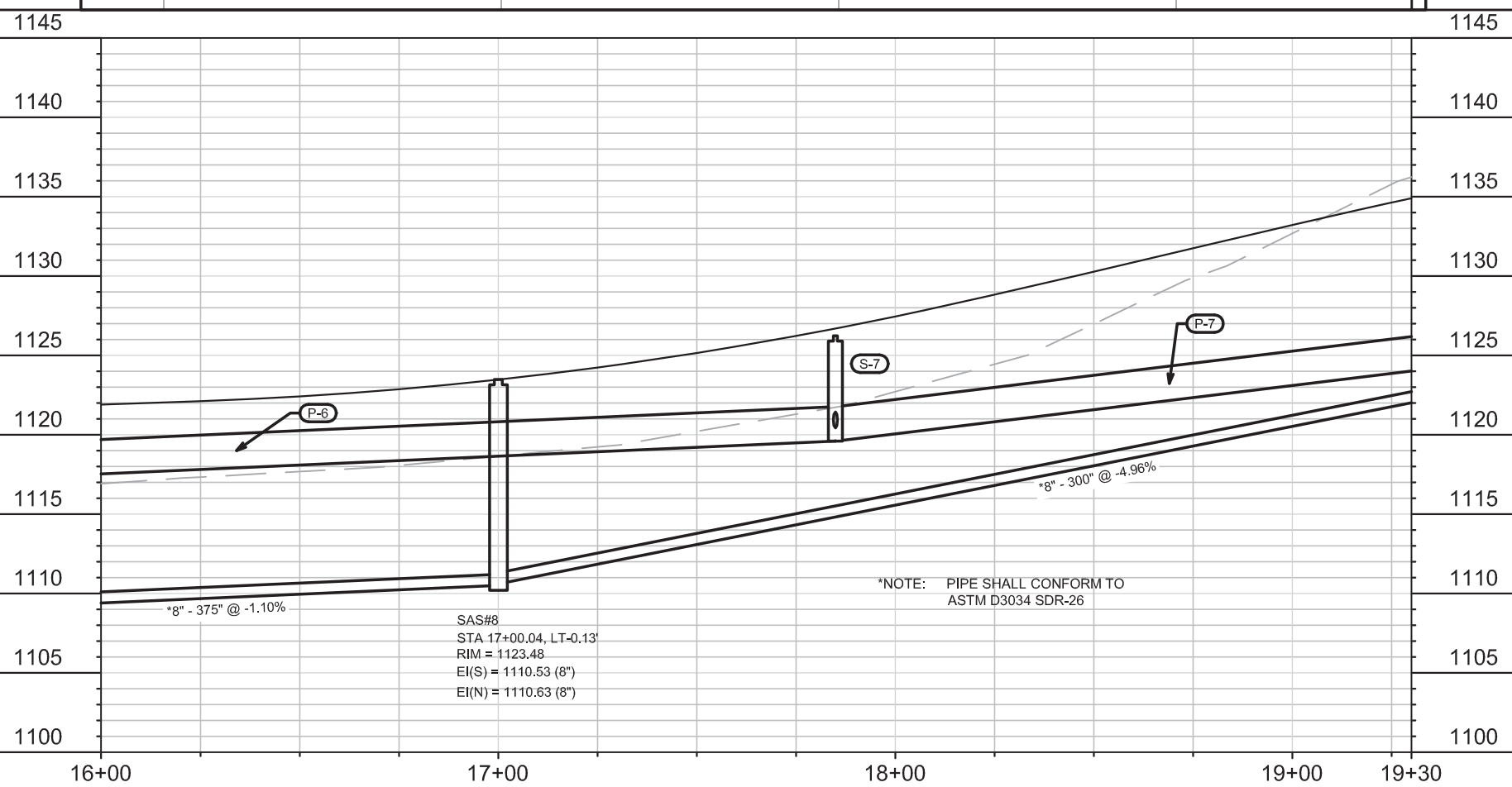
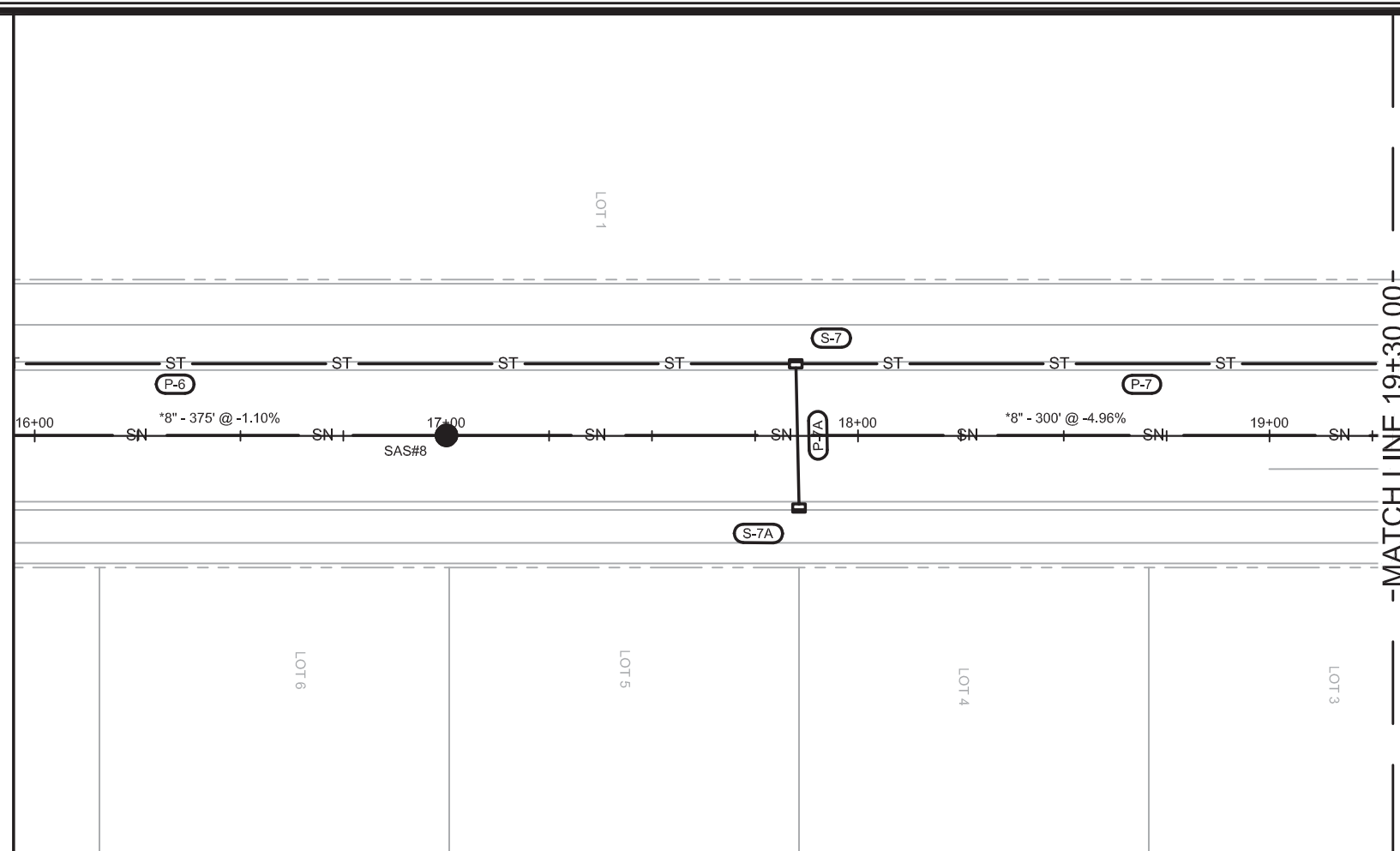
SCHEWE RD - UTILITY PLAN & PROFILE
POPE FARM ESTATES
CITY OF MADISON



12598
U-5




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DESIGNED BY: EEA	DATE: 05-01-2019	Scale: 1 INCH = 10 FT	U-6
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POPE FARM ESTATES		CONTRACT NO: 8392	
CITY OF MADISON		12598	
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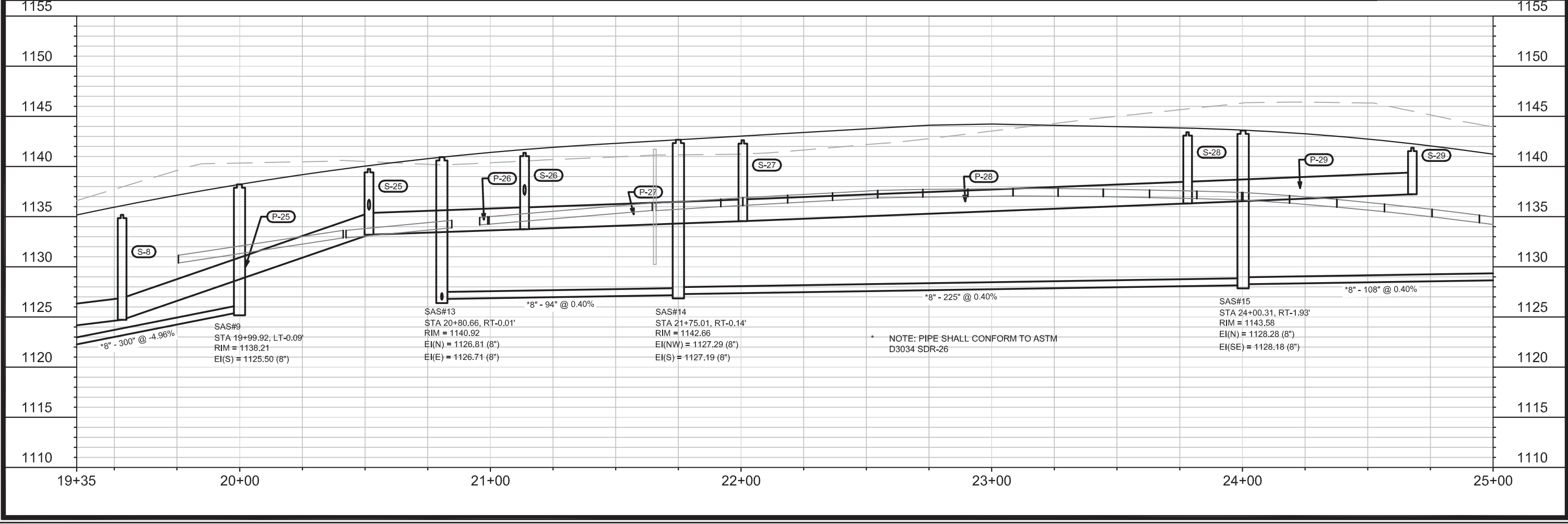
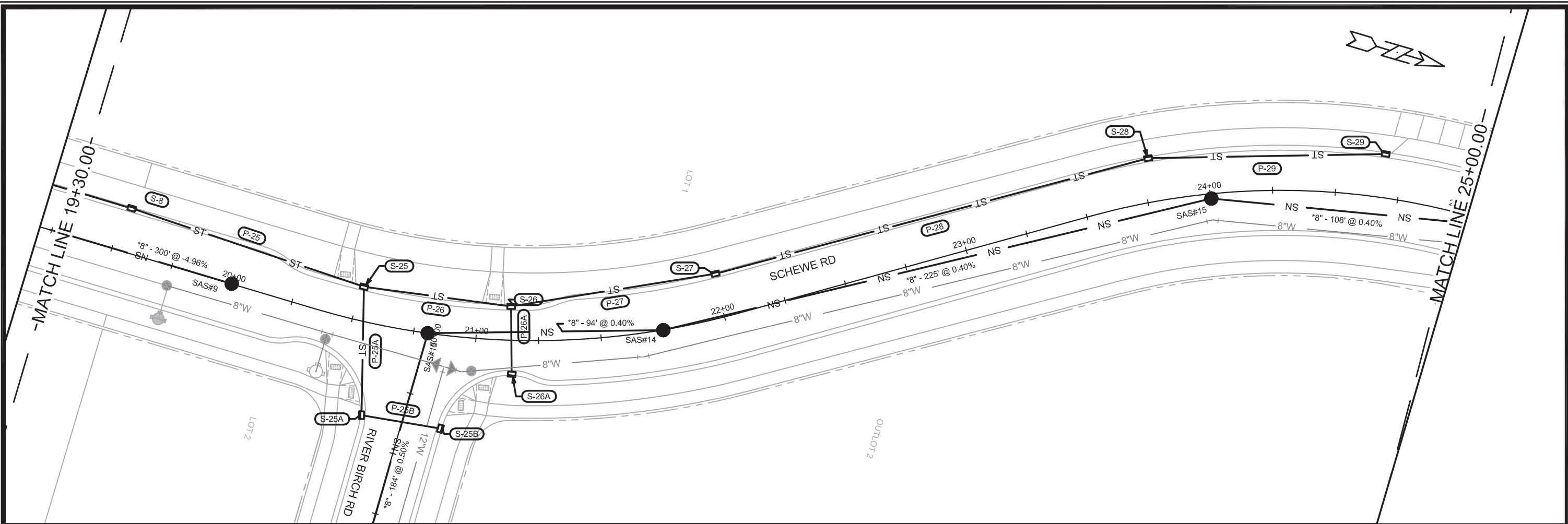


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 STA 17+00.04, LT-0.13'
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 EI(S) = 1110.53 (8")
 EI(N) = 1110.63 (8")

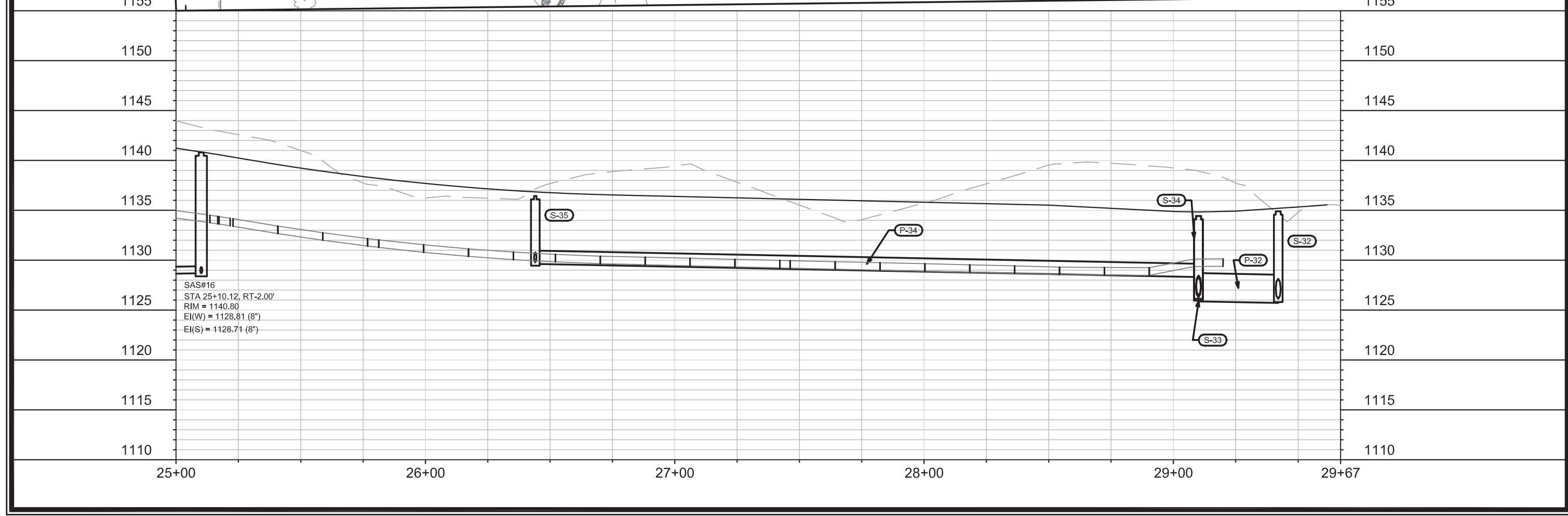
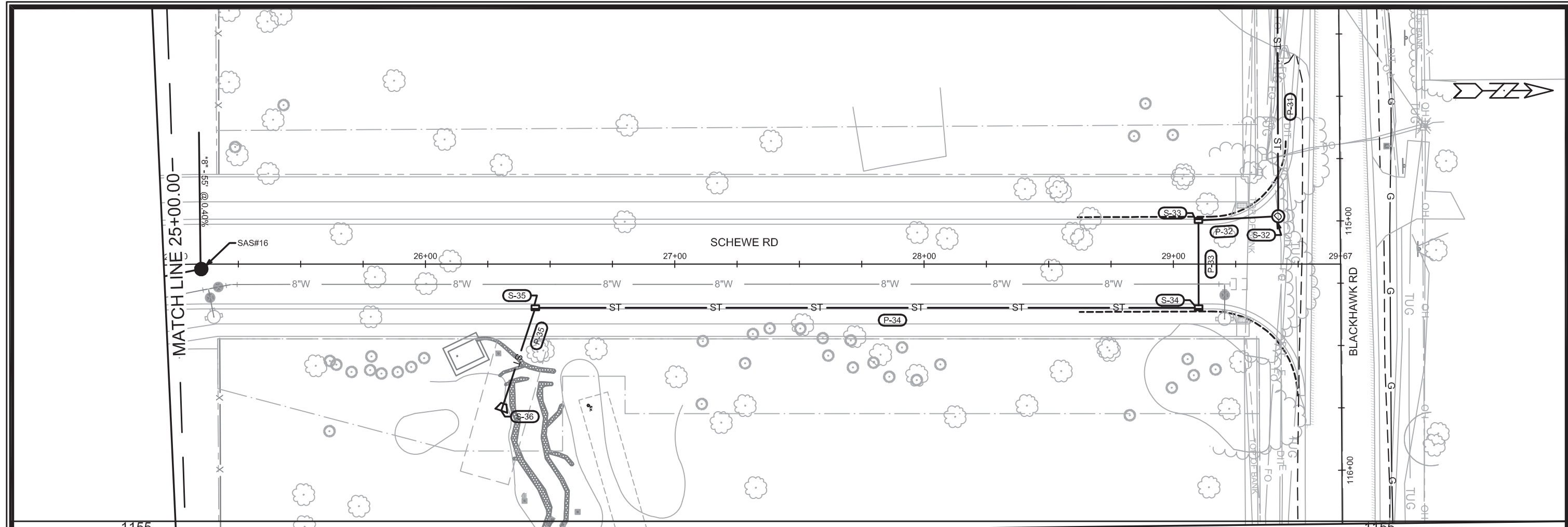
*NOTE: PIPE SHALL CONFORM TO
 ASTM D3034 SDR-26

-MATCH LINE 19+30.00-

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SCHEVE RD - UTILITY PLAN & PROFILE			
POPE FARM ESTATES			
CITY OF MADISON			
12598 U-8			

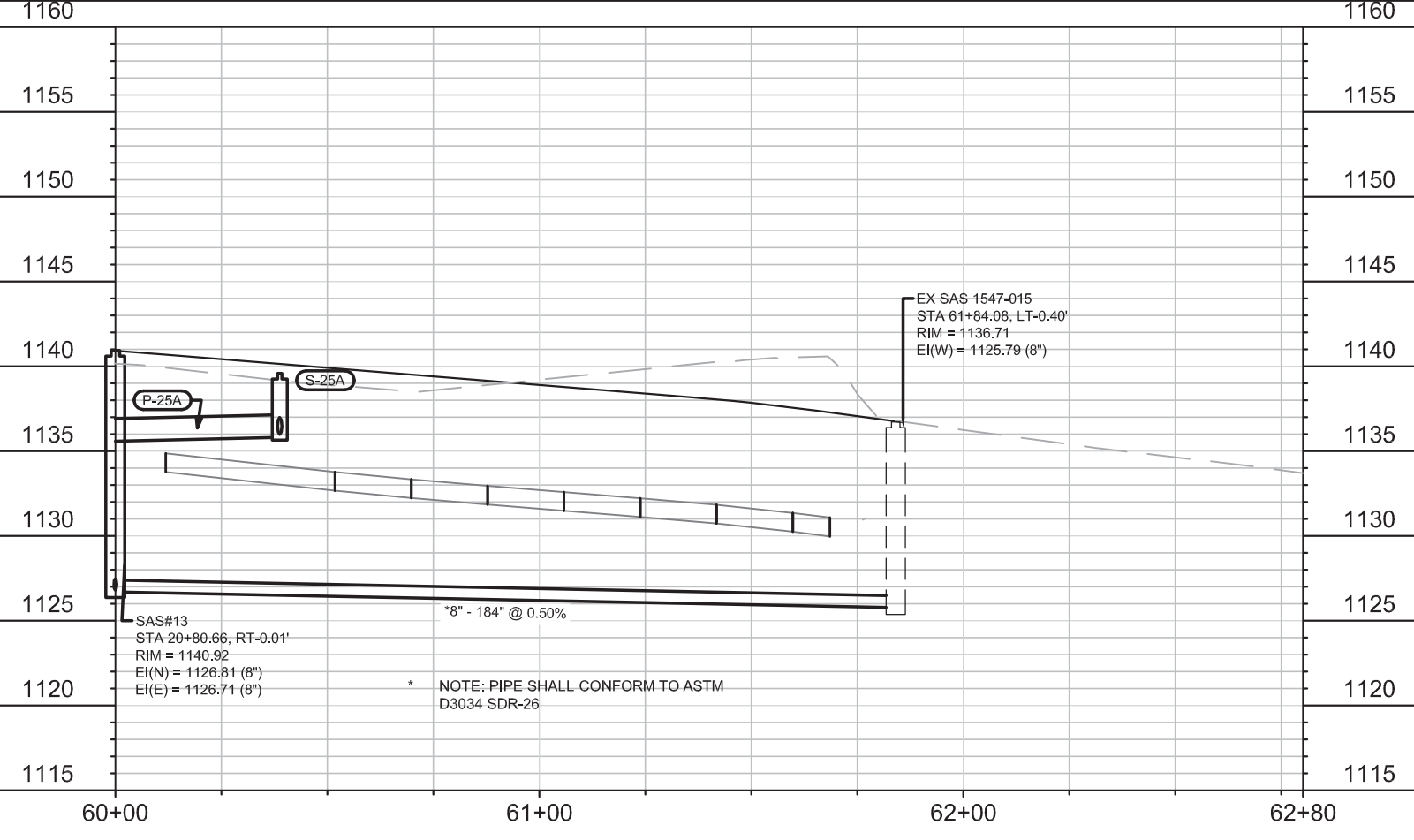
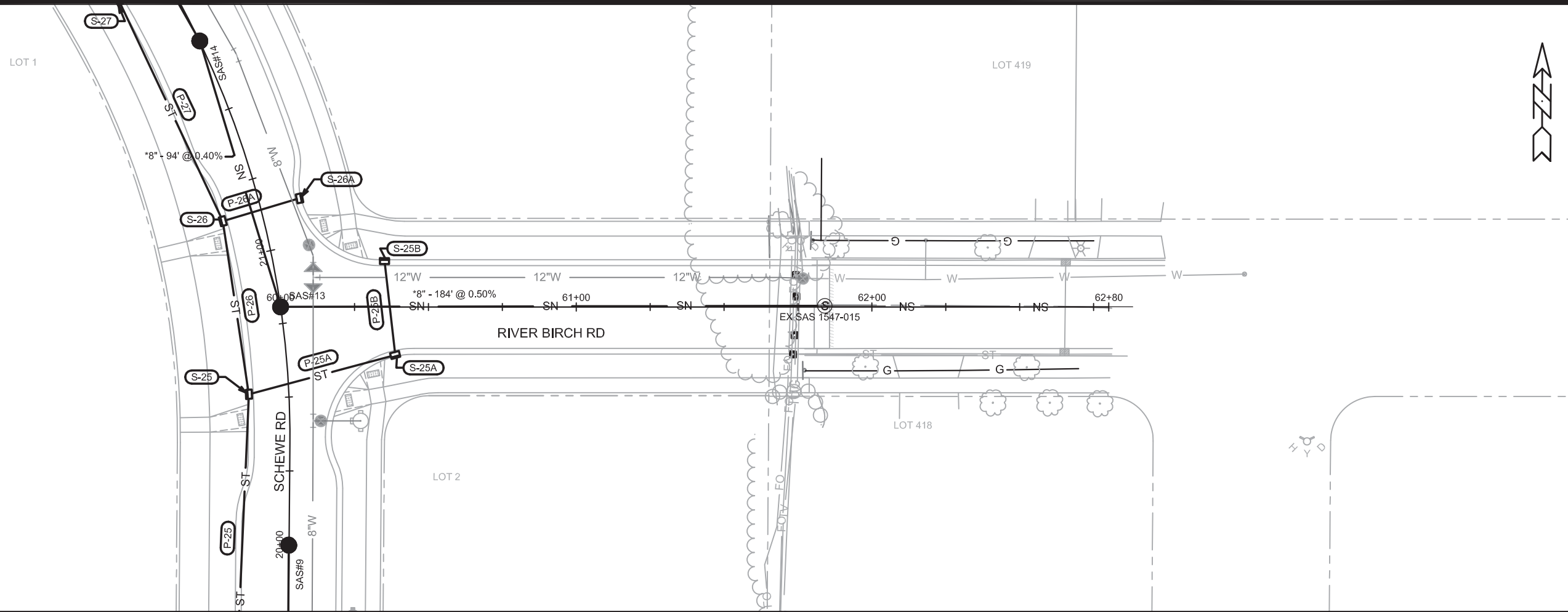


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CONTRACT NO:	CONTRACT NO:	CONTRACT NO:	CONTRACT NO:	CONTRACT NO:
U-9	U-9	U-9	U-9	U-9
U-9	U-9	U-9	U-9	U-9

SCHEWE RD - UTILITY PLAN & PROFILE
POPE FARM ESTATES
 CITY OF MADISON



12598
 U-9



* NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR-26



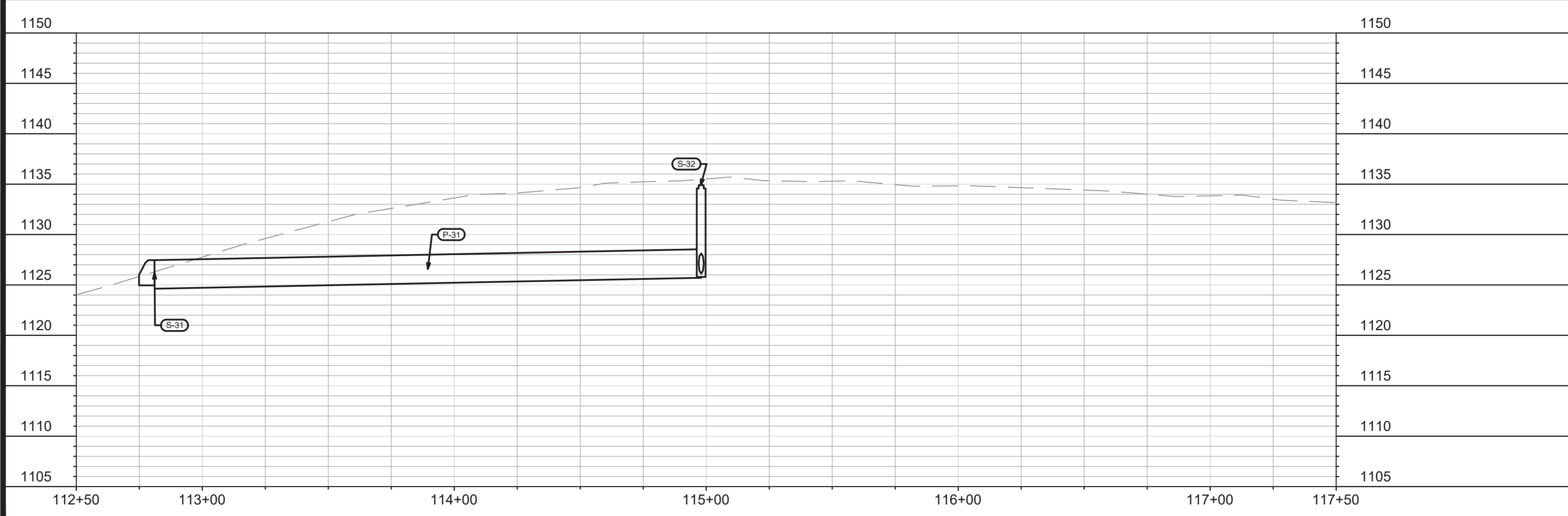
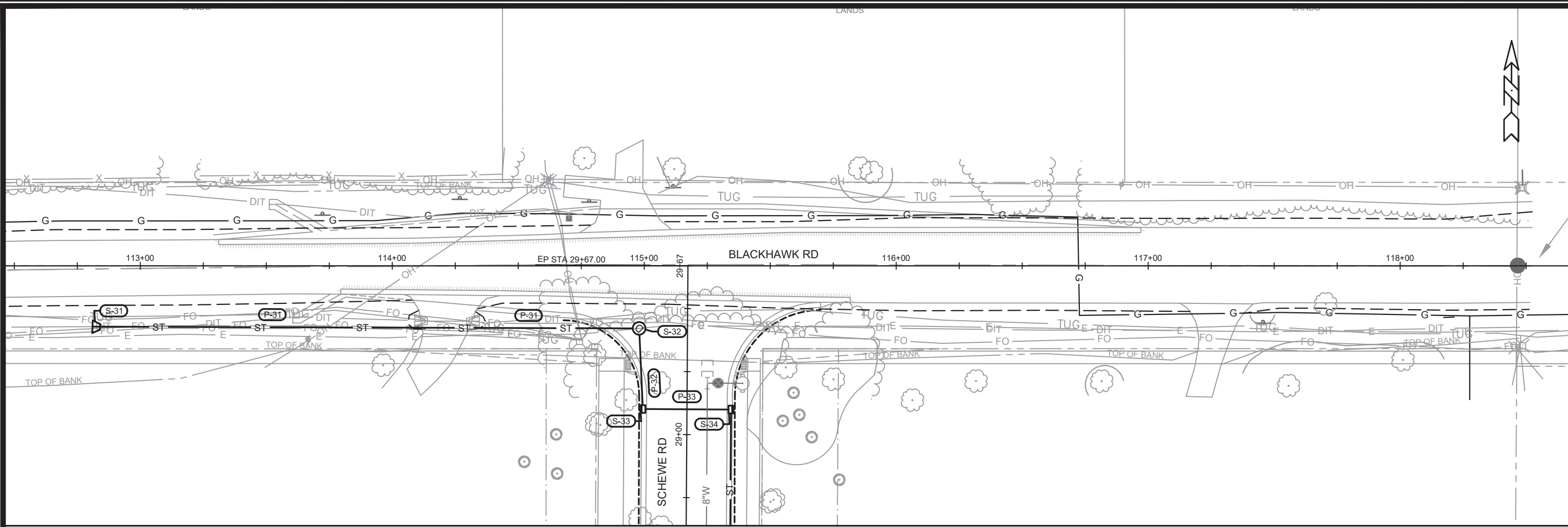
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12598
 CITY OF MADISON
 CONTRACT NO: 8392

RIVER BIRCH ROAD - UTILITY PLAN & PROFILE
 POPE FARM ESTATES
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12598
 U-10



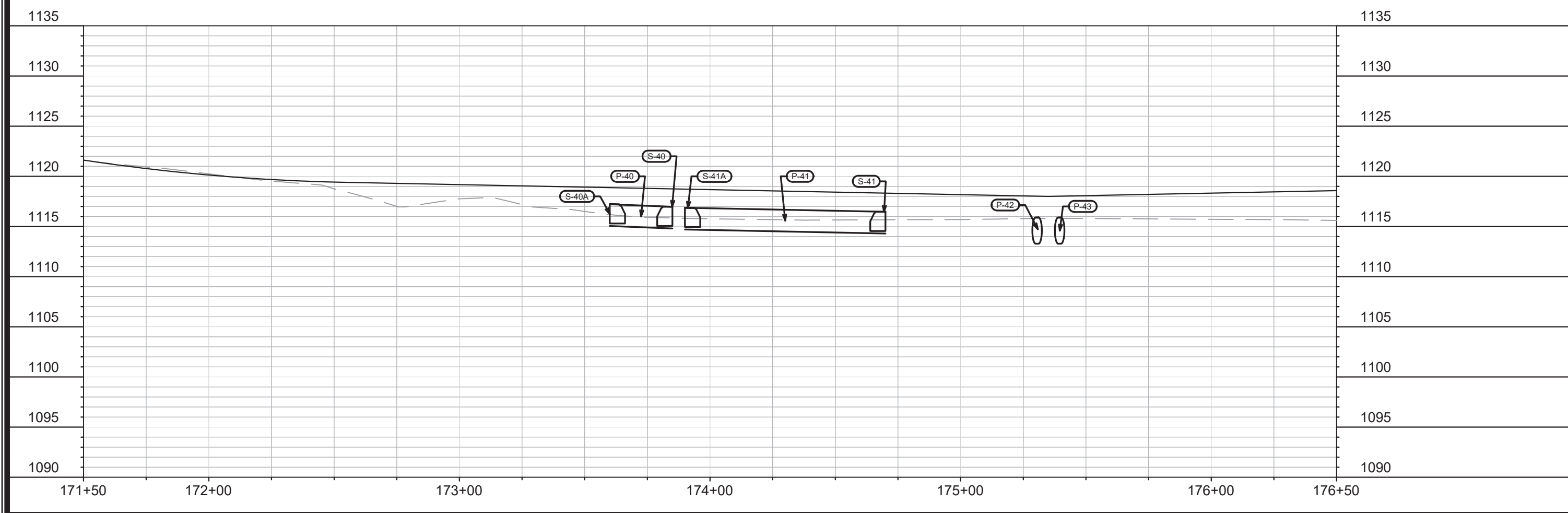
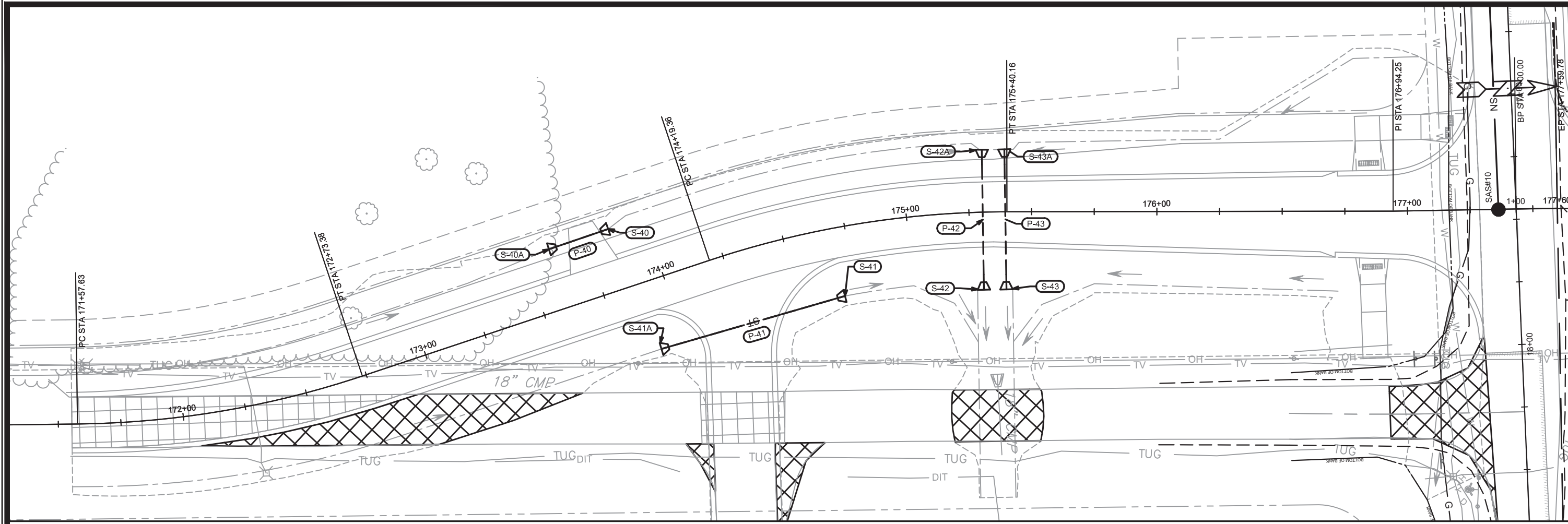
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12598
 MADISON, WI
 CONTRACT NO.: 8392

BLACKHAWK RD - UTILITY PLAN & PROFILE
 POPE FARM ESTATES
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12598
 U-11





	12598 U-12
SCHEWE RD SOUTH REALIGNMENT - UTILITY PLAN & PROFILE POPE FARM ESTATES	12598 MADISON, WI 8392 CONTRACT NO:
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SANITARY SEWER SCHEDULE

* REVISED 12/16/19 EEA
 + REVISED 2/14/2020 EEA

POPE FARM ESTATES PROJECT NO. 12598	SHEET NO. U-SAN
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SHADOW RIDGE TRAIL						
* SAS#1	51+74.07	RT-1.78	1114.32	1101.46	12.86	-
* SAS#2	50+99.62	RT-2.15	1115.40	1101.86	13.54	-
SCHEWE ROAD						
* SAS#3	10+00.37	LT-0.12	1116.94	1102.36	14.58	-
SAS#4	6+64.14	LT-0.45	1129.38	1113.89	15.49	-
* SAS#5	11+00.13	RT-0.69	1117.52	1102.88	14.64	-
SAS#6	11+99.77	RT-0.07	1118.38	1104.56	13.82	-
SAS#7	13+25.03	LT-0.08	1119.48	1106.29	13.19	-
SAS#8	17+00.04	LT-0.13	1123.48	1110.53	12.95	-
SAS#9	19+99.92	LT-0.09	1138.21	1125.50	12.71	-
+ SAS#13	20+80.66	RT-0.01	1140.92	1126.71	14.21	-
+ SAS#14	21+75.01	RT-0.14	1142.66	1127.19	15.47	-
+ SAS#15	24+00.31	RT-1.93	1143.58	1128.18	15.40	-
+ SAS#16	25+10.12	RT-2.00	1140.80	1128.71	12.09	-
OLD SAUK ROAD						
* SAS#10	17+45.84	RT-7.03	1119.79	1107.69	12.10	-
* SAS#11	15+24.91	RT-7.12	1121.91	1109.91	12.00	-
* SAS#12	13+21.85	RT-6.97	1124.17	1112.17	12.00	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
EX SAS	SAS#1	1100.90	1101.46	142	0.40%	8"	SDR-26	-
SAS#1	SAS#2	1101.56	1101.86	75	0.40%	8"	SDR-26	-
SAS#2	SAS#3	1101.96	1102.36	100	0.40%	8"	SDR-26	-
SAS#3	SAS#4	1102.46	1113.89	336	3.40%	8"	SDR-26	-
SAS#3	SAS#5	1102.46	1102.88	99	0.42%	8"	SDR-26	-
SAS#5	SAS#6	1102.98	1104.56	99	1.59%	8"	SDR-26	-
SAS#6	SAS#7	1104.66	1106.29	125	1.31%	8"	SDR-26	-
SAS#7	SAS#8	1106.39	1110.53	375	1.10%	8"	SDR-26	-
SAS#8	SAS#9	1110.63	1125.50	300	4.96%	8"	SDR-26	-
* SAS#10	SAS#11	1107.79	1109.91	221	0.96%	10"	SDR-35	-
* SAS#11	SAS#12	1110.01	1112.17	203	1.06%	10"	SDR-35	-
+ EX SAS	SAS#13	1125.79	1126.71	184	0.50%	8"	SDR-26	-
+ SAS#13	SAS#14	1126.81	1127.19	94	0.40%	8"	SDR-26	-
+ SAS#14	SAS#15	1127.29	1128.18	225	0.40%	8"	SDR-26	-
+ SAS#15	SAS#16	1128.28	1128.71	108	0.40%	8"	SDR-26	-
+ SAS#16	25+10.12 LT-55	1128.81	1129.03	55	0.40%	8"	SDR-26	-

STORM SEWER SCHEDULE

* REVISED 9/18/19 EEA
 ++ REVISED 12/16/19 EEA

POPE FARM ESTATES	SHEET NO.
PROJECT NO. 12598	U-STM1
STORM SEWER SCHEDULE 1	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
SHADOW RIDGE							
* S-0	51+63.02	RT-66.31	38"X60" RCP APRON END	-	1108.25	-	W/ GATE
++ S-1	51+63.58	RT-15.50	6X6 SAS	1114.61	1108.48	6.13	FP; W/ R-3067-7004-V
* S-1A	51+73.48	RT-36.10	6X6 SAS	1115.00	1108.40	6.60	W/ R-1550
S-1B	51+99.13	RT-18.60	TERRACE INLET TYPE 3	1113.79	1109.29	4.50	PER SDD 5.7.12B
S-1C	52+00.00	LT-18.60	TERRACE INLET TYPE 3	1113.86	1109.96	3.90	PER SDD 5.7.12B
++ S-2	50+99.76	RT-15.50	6X6 SAS	1115.54	1109.02	6.52	W/ R-3067-7004-V
S-10	53+09.43	RT-15.50	CONCRETE COLLAR	-	1106.89	-	CONNECT TO EX 36" STUB
++ S-11	52+75.05	RT-15.50	4X4 SAS	1112.70	1107.05	5.65	FP; W/ R-3067-7004-V
S-12	52+56.33	RT-61.93	36" RCP APRON END	-	1107.21	-	W/ GATE
SCHEWE ROAD							
++ S-3	9+85.35	RT-16.55	6X6 SAS	1116.63	1110.12	6.51	W/ R-1550-0054
++ S-3A	9+63.04	RT-13.50	H INLET	1117.35	1113.27	4.08	W/ R-3067-7004-V
++ S-3B	10+44.87	RT-13.50	H INLET	1117.30	1113.46	3.84	W/ R-3067-7004-V
S-3C	9+92.97	LT-17.63	TERRACE INLET TYPE 2	1116.84	1112.02	4.82	LP; PER SDD 5.7.12A
++ S-4	11+25.85	LT-17.50	5X5 SAS	1117.79	1112.50	5.29	W/ R-3067-7004-V
S-5	12+76.33	LT-20.52	TERRACE INLET TYPE 3	1119.01	1113.61	5.40	PER SDD 5.7.12B; (3)
++ S-6	14+83.31	LT-17.50	4X4 SAS	1120.93	1116.07	4.86	W/ R-3067-7004-V
++ S-6A	14+84.13	RT-17.50	H INLET	1120.94	1117.50	3.44	W/ R-3067-7004-V
++ S-7	17+84.90	LT-17.50	3X3 SAS	1126.75	1119.93	6.82	W/ R-3067-7004-V
++ S-7A	17+85.69	RT-17.50	H INLET	1126.79	1122.99	3.80	W/ R-3067-7004-V
++ S-8	19+53.13	LT-17.50	3X3 SAS	1136.15	1125.05	11.10	W/ R-3067-7004-V; (1)
* S-16	1+15.43	RT-29.61	4X4 SAS	1119.48	1115.33	4.15	FP; W/ R-1550-0054
++ S-16A	1+65.23	RT-27.00	H INLET	1118.70	1116.13	2.57	LP; FP; W/ R-3067-7004-VB
++ S-16B	1+65.11	LT-21.94	H INLET	1118.80	1116.37	2.43	LP; FP; W/ R-3067-7004-VB
* S-20	2+85.04	LT-88.94	18" RCP APRON END	-	1119.25	-	W/ GATE
++* S-21	3+03.74	LT-18.74	H INLET	1122.52	1119.60	2.92	FP; W/ R-3067-7004-V
++* S-22	3+18.45	RT-20.42	H INLET	1123.21	1119.79	3.42	FP; W/ R-3067-7004-V

OLD SAUK ROAD

* S-15	18+78.63	LT-15.05	5X5 SAS	1119.04	1114.71	4.33	FP; W/ R-1550-0054; (5)
* S-15A	18+78.60	LT-30.55	18" RCP APRON END	-	1116.87	-	W/ GATE
S-17	16+98.18	LT-31.46	5X5 SAS	1119.71	1115.71	4.00	FP; W/ R-1550-0054; (2); (4)
S-18	16+84.54	LT-29.02	24"X38" RCP APRON END	-	1118.05	-	W/ GATE

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

-KOR N SEAL BOOTS OR EQUIVALENT SHALL BE USED FOR ALL PIPE CONNECTIONS TO INLETS. IN ADDITION, KOR N SEAL BOOTS SHALL BE REQUIRED FOR ANY TYPE II PIPE CONNECTIONS TO SAS STORM STRUCTURES. CONCRETE COLLARS OR KOR N SEAL MAY BE USED FOR ANY RCP OR HERCP CONNECTIONS TO SAS STORM STRUCTURES.

-ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
* P-0	S-0	S-1A	1108.25	1108.40	33	30	0.50%	38"X60"	HERCP	-
* P-0A	S-1A	S-1	1108.40	1108.48	23	16	0.50%	38"X60"	HERCP	-
P-1	S-1	S-2	1108.48	1109.02	69	63	0.86%	42"	TYPE I	-
* P-1A	S-1A	S-1B	1109.14	1109.29	34	30	0.50%	24"	TYPE I	-
P-1B	S-1B	S-1C	1109.79	1109.96	37	34	0.50%	18"	TYPE I	-
P-2	S-2	S-3	1109.02	1110.12	89	83	1.33%	42"	TYPE I	-
P-3	S-3	S-4	1111.12	1112.50	142	137	1.01%	30"	TYPE I	-
P-3A	S-3	S-3A	1112.62	1113.27	22	18	3.61%	12"	TYPE I	-
P-3B	S-3	S-3B	1112.62	1113.46	61	57	1.47%	12"	TYPE I	-
P-3C	S-3	S-3C	1111.87	1112.02	35	30	0.50%	21"	TYPE I	-
P-4	S-4	S-5	1112.50	1113.61	140	137	0.81%	30"	TYPE I	-
P-5	S-5	S-6	1114.11	1116.07	207	204	0.96%	24"	TYPE I	-
P-6	S-6	S-7	1116.57	1119.93	302	299	1.12%	18"	TYPE I	-
P-6A	S-6	S-6A	1117.07	1117.50	37	34	1.26%	12"	TYPE I	-
P-7	S-7	S-8	1119.93	1125.05	168	165	3.10%	18"	TYPE I	-
P-7A	S-7	S-7A	1120.43	1122.99	37	34	7.53%	12"	TYPE I	-
P-10	S-10	S-11	1106.89	1107.05	34	32	0.50%	36"	TYPE I	-
P-11	S-11	S-12	1107.05	1107.21	49	47	0.34%	36"	TYPE I	-
* P-15	S-15	S-16	1114.71	1115.33	103	99	0.63%	24"X38"	HERCP	-
* P-15A	S-15	S-15A	1115.21	1116.87	16	14	11.86%	18"	RCP	-
* P-16	S-16	S-16A	1115.90	1116.13	50	46	0.50%	15"	TYPE I	NCM
P-16A	S-16A	S-16B	1116.13	1116.37	51	47	0.51%	15"	TYPE I	-
* P-17	S-16	S-17	1115.33	1115.71	80	76	0.50%	24"X38"	HERCP	-
P-18	S-17	S-18	1115.71	1118.05	14	13	18.00%	24"X38"	HERCP	-
* P-20	S-20	S-21	1119.25	1119.60	72	69	0.51%	18"	RCP	-
* P-21	S-21	S-22	1119.60	1119.79	40	37	0.51%	18"	RCP	-

SPECIFIC NOTES:

- (1) BOX OUT 12" TO WEST AT EI= 1125.55
- (2) STUB OUT 24" RCP TO NW; SEE POND PLANS
- (3) BOX OUT 18" TO WEST AT EI= 1114.61
- (4) 34"X53" ONE SECTION STUB TO SOUTH AT 0.50%
- (5) CONNECT EX PIPES TO SOUTH

- 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; UD = UNDERDRAIN

- 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.

- 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, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

+ REVISED 2/14/20 EEA
 ** REVISED 3/5/20 EEA

POPE FARM ESTATES PROJECT NO. 12598	SHEET NO. U-STM2
STORM SEWER SCHEDULE 2	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
SCHEWE ROAD							
+ S-25	20+51.61	LT-13.50	3X3 SAS	1140.23	1133.53	6.70	W/ R-3067-7004-V
+ S-26	21+13.66	LT-13.50	3X3 SAS	1141.83	1134.09	7.74	W/ R-3067-7004-V
+ S-26A	21+14.67	RT-13.50	H INLET	1141.85	1137.44	4.41	W/ R-3067-7004-V
+ S-27	22+00.72	LT-17.57	3X3 SAS	1143.09	1134.88	8.21	W/ R-3067-7004-V
+ S-28	23+78.16	LT-17.50	3X3 SAS	1143.88	1136.64	7.24	W/ R-3067-7004-V
+ S-29	24+67.82	LT-17.50	3X3 SAS	1142.33	1137.56	4.77	W/ R-3067-7004-V
+ S-32	29+42.02	LT-19.17	3X3 SAS	1134.90	1126.13	8.77	W/ R-1550
+ S-33	29+10.02	LT-17.50	3X3 SAS	1134.90	1126.29	8.61	W/ R-3067-7004-V
+ S-34	29+10.08	RT-17.50	3X3 SAS	1134.90	1128.47	6.43	LP; W/ R-3067-7004-VB
+ S-35	26+44.07	RT-17.50	H INLET	1136.90	1129.79	7.11	
+ S-36	26+30.43	RT-58.83	12" RCP APRON END	-	1130.00	-	W/ GATE

RIVER BIRCH ROAD

+ S-25A	60+38.77	RT-16.23	H INLET	1140.06	1135.98	4.08	W/ R-3067-7004-V
+ S-25B	60+35.16	LT-15.50	H INLET	1140.54	1136.66	3.88	W/ R-3067-7004-V

BLACKHAWK ROAD

+ S-31	112+81.03	RT-24.16	24" RCP APRON END	-	1125.04	-	W/ GATE
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SCHEWE ROAD SOUTH

** S-40	173+85.00	LT-24.63	18" RCP APRON END	-	1115.13	-	-
** S-40A	173+60.00	LT-24.45	18" RCP APRON END	-	1115.38	-	-
** S-41	174+70.00	RT-27.49	18" RCP APRON END	-	1114.63	-	-
** S-41A	173+90.00	RT-27.51	18" RCP APRON END	-	1115.03	-	-
** S-42	175+30.10	RT-30.98	24"X38" HERCP AE	-	1113.44	-	-
** S-42A	175+30.78	LT-24.93	24"X38" HERCP AE	-	1113.72	-	-
** S-43	175+39.90	RT-30.98	24"X38" HERCP AE	-	1113.44	-	W/ GATE
** S-43A	175+39.22	LT-24.93	24"X38" HERCP AE	-	1113.72	-	W/ GATE

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
+ P-25	S-8	S-25	1125.05	1133.53	98	95	8.93%	18"	TYPE II	-
+ P-25A	S-25	S-25A	1135.69	1135.98	51	48	0.60%	12"	TYPE I	-
+ P-25B	S-25A	S-25B	1135.98	1136.66	32	30	2.27%	12"	TYPE I	-
+ P-26	S-25	S-26	1133.53	1134.09	59	56	1.00%	18"	TYPE II	-
+ P-26A	S-26	S-26A	1137.17	1137.44	27	25	1.08%	12"	TYPE I	-
+ P-27	S-26	S-27	1134.09	1134.88	83	79	1.00%	18"	TYPE II	-
+ P-28	S-27	S-28	1134.88	1136.64	179	176	1.00%	18"	TYPE II	-
+ P-29	S-28	S-29	1136.64	1137.56	95	92	1.00%	18"	TYPE I	-
+ P-31	S-31	S-32	1125.04	1126.13	217	217	0.50%	24"	TYPE I	-
+ P-32	S-32	S-33	1126.13	1126.29	32	32	0.50%	24"	TYPE I	-
+ P-33	S-33	S-34	1126.29	1126.47	35	35	0.51%	24"	TYPE I	-
+ P-34	S-34	S-35	1128.47	1129.79	266	264	0.50%	12"	TYPE II	-
+ P-35	S-35	S-36	1129.79	1130.00	44	42	0.50%	12"	TYPE II	-
** P-40	S-40	S-40A	1115.13	1115.38	25	24	1.04%	18"	TYPE II	-
** P-41	S-41	S-41A	1114.63	1115.03	76	75	0.53%	18"	TYPE I	-
** P-42	S-42	S-42A	1113.44	1113.72	56	54	0.52%	24"X38"	HERCP	-
** P-43	S-43	S-43A	1113.44	1113.72	56	53	0.53%	24"X38"	HERCP	-

SPECIFIC NOTES:

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

-KOR N SEAL BOOTS OR EQUIVALENT SHALL BE USED FOR ALL PIPE CONNECTIONS TO INLETS. IN ADDITION, KOR N SEAL BOOTS SHALL BE REQUIRED FOR ANY TYPE II PIPE CONNECTIONS TO SAS STORM STRUCTURES. CONCRETE COLLARS OR KOR N SEAL MAY BE USED FOR ANY RCP OR HERCP CONNECTIONS TO SAS STORM STRUCTURES.

-ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- 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; UD = UNDERDRAIN

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

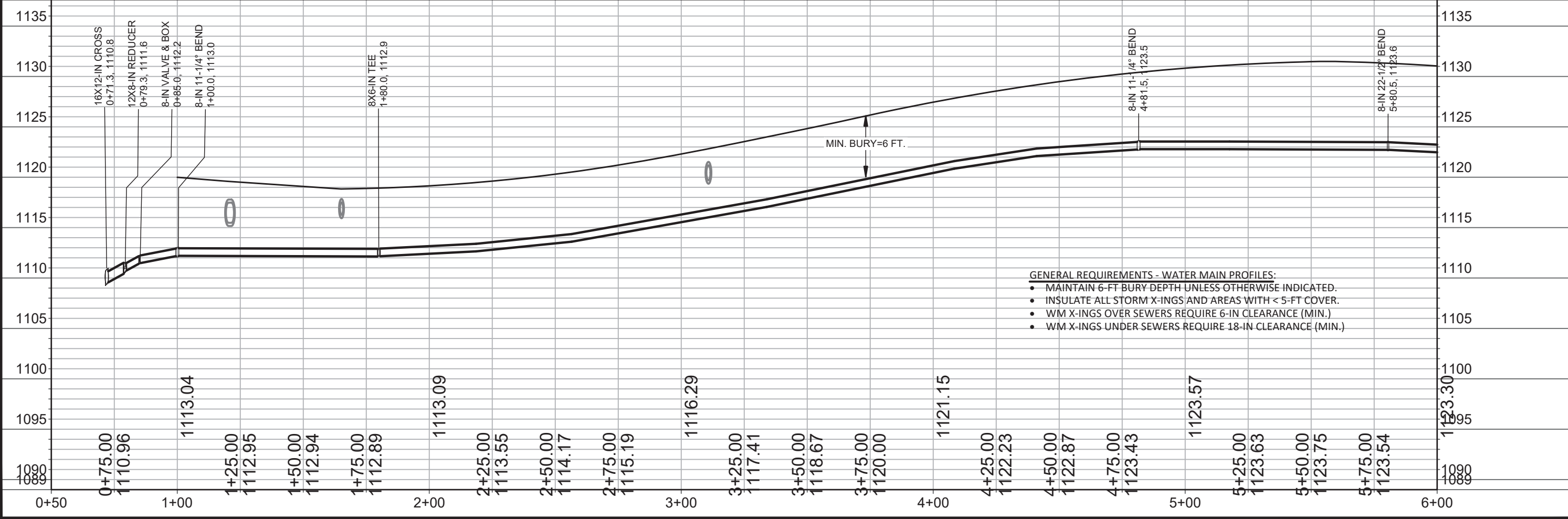
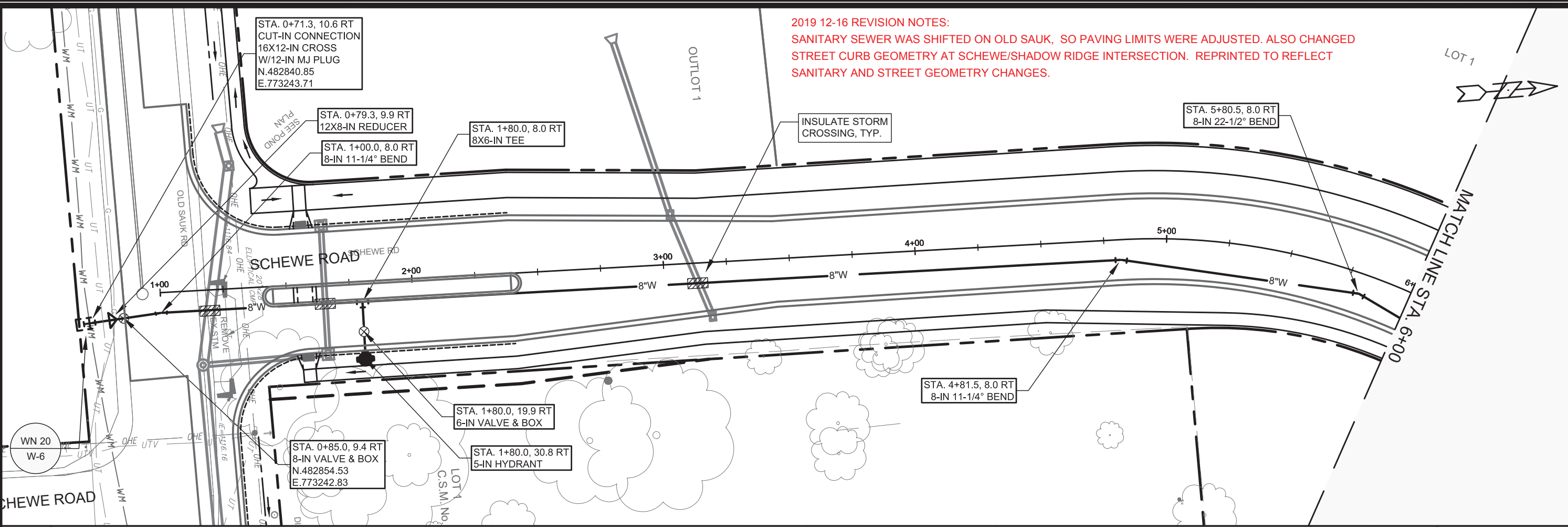
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS'S.

- 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.

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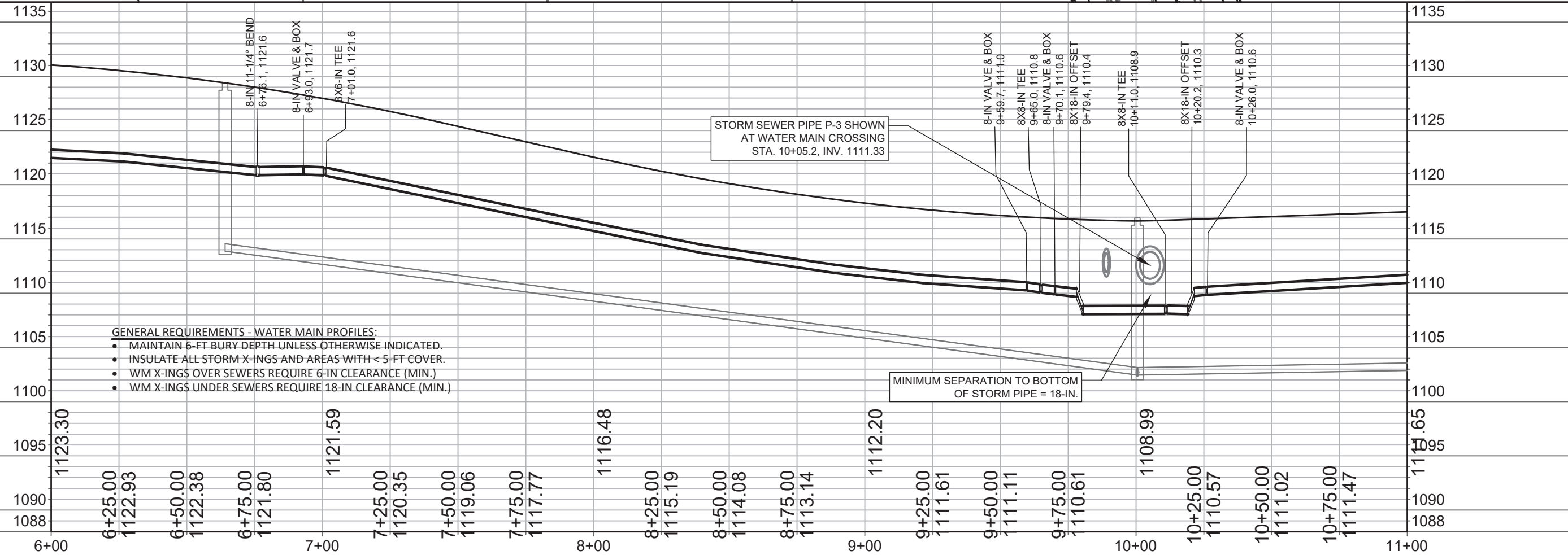
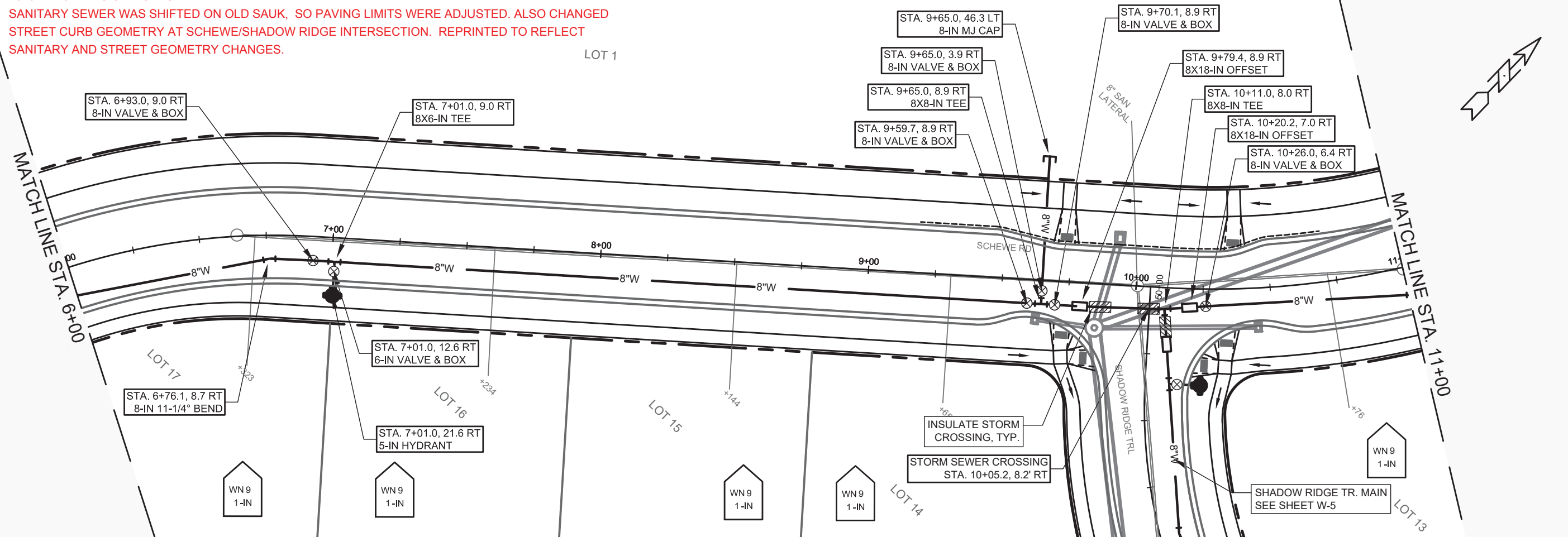
2019 12-16 REVISION NOTES:
 SANITARY SEWER WAS SHIFTED ON OLD SAUK, SO PAVING LIMITS WERE ADJUSTED. ALSO CHANGED STREET CURB GEOMETRY AT SCHEWE/SHADOW RIDGE INTERSECTION. REPRINTED TO REFLECT SANITARY AND STREET GEOMETRY CHANGES.



12598	12598	W-1
MADISON, WI	MADISON, WI	W-1
CONTRACT NO: 8392	CONTRACT NO: 8392	W-1
SCHEWE ROAD	SCHEWE ROAD	W-1
POPE FARMS ESTATES	POPE FARMS ESTATES	W-1
CITY OF MADISON	CITY OF MADISON	W-1
12598	12598	W-1
W-1	W-1	W-1

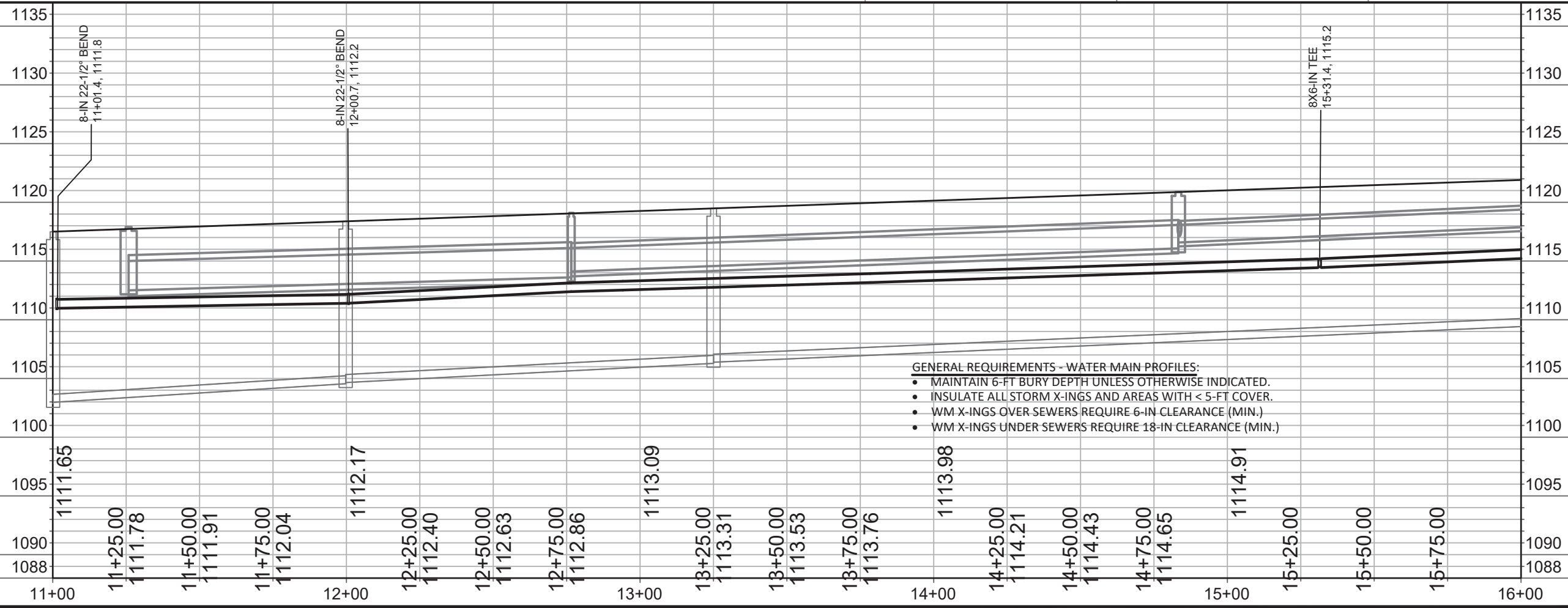
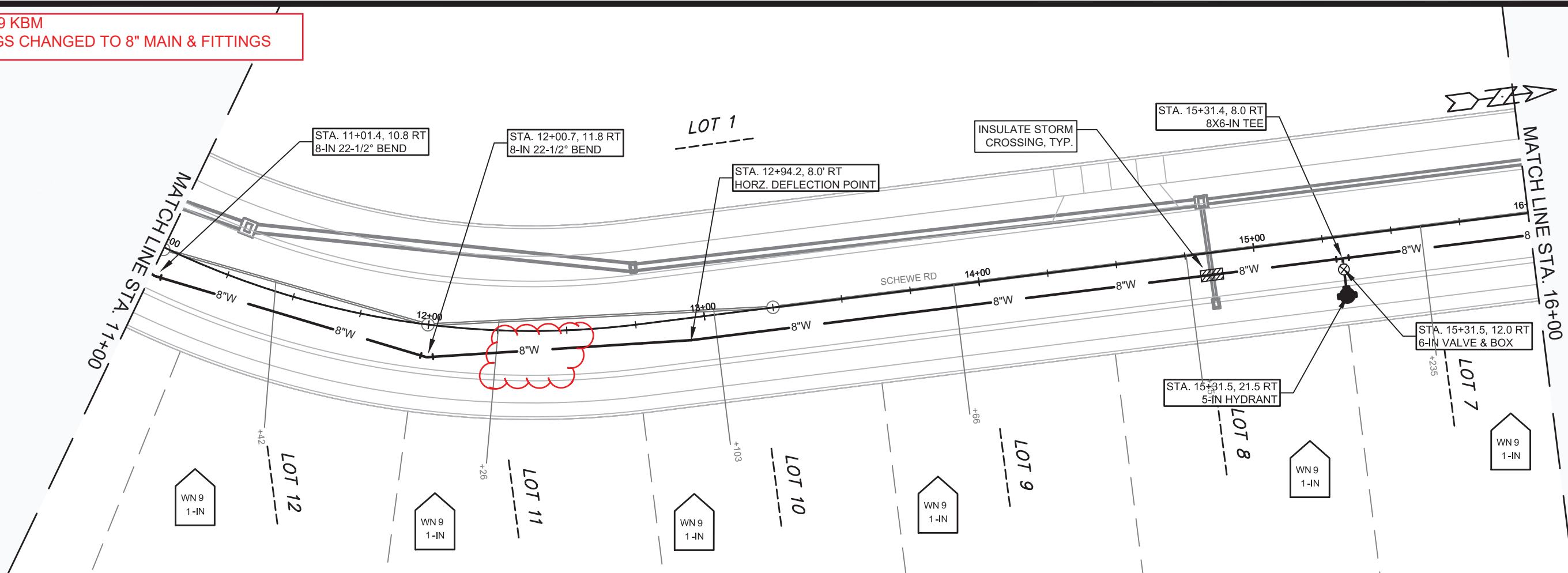
2019 12-16 REVISION NOTES:

SANITARY SEWER WAS SHIFTED ON OLD SAUK, SO PAVING LIMITS WERE ADJUSTED. ALSO CHANGED STREET CURB GEOMETRY AT SCHEWE/SHADOW RIDGE INTERSECTION. REPRINTED TO REFLECT SANITARY AND STREET GEOMETRY CHANGES.



12598	MADISON, WI	8392
SCHEWE ROAD	POPE FARMS ESTATES	CITY OF MADISON
12598	W-2	

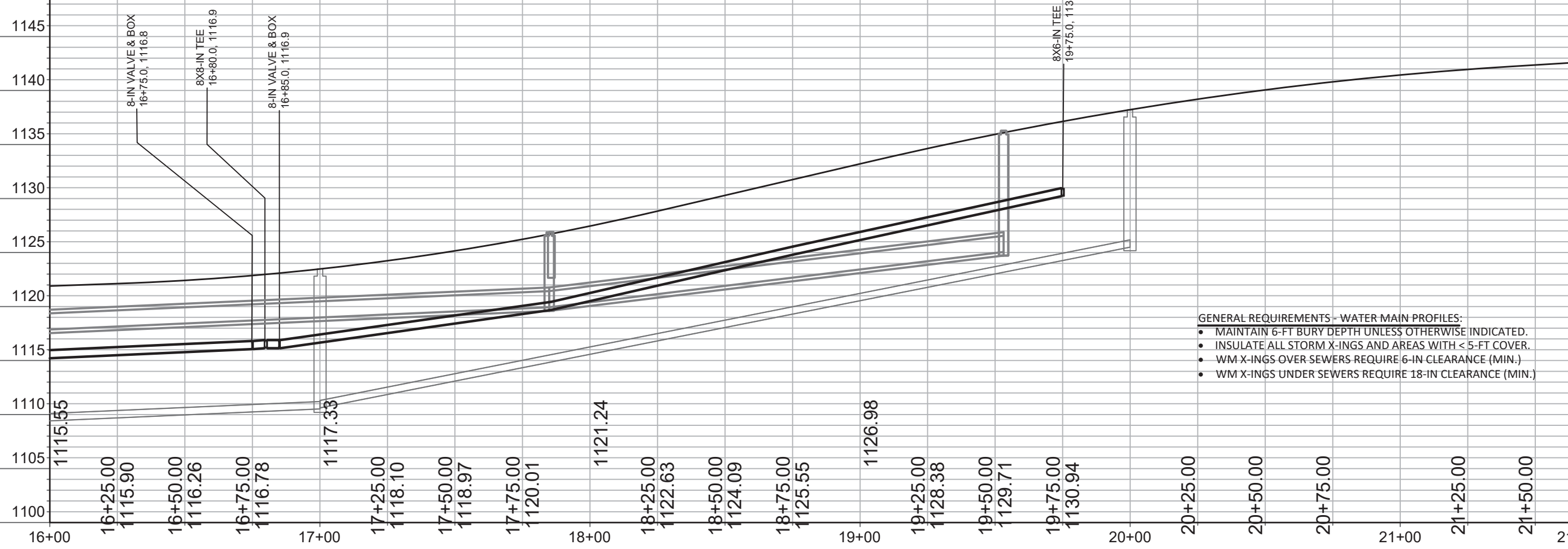
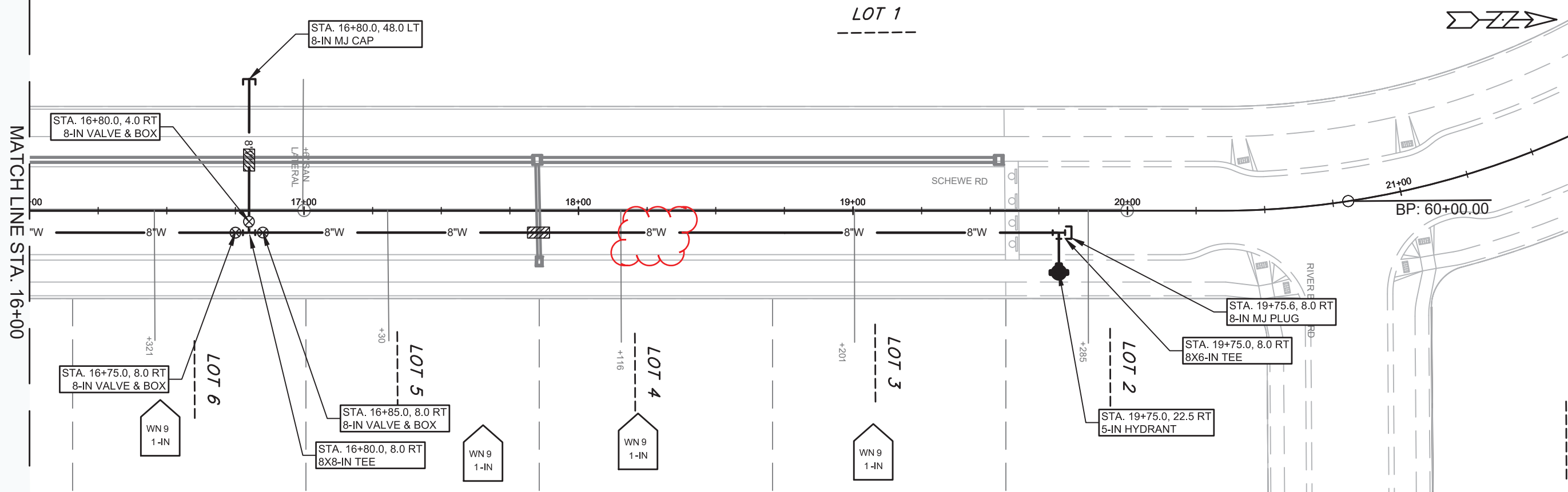
REVISED 10-01-2019 KBM
 -12" MAIN & FITTINGS CHANGED TO 8" MAIN & FITTINGS



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

12598	12598	W-3
MADISON, WI	MADISON, WI	W-3
CITY OF MADISON	CONTRACT NO: 8392	W-3
SCHEVE ROAD	POPE FARMS ESTATES	12598
		W-3

REVISED 10-01-2019 KBM
 -12" MAIN & FITTINGS CHANGED TO 8" MAIN & FITTINGS



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

MATCH LINE STA. 16+00

LOT 1

SCHEWE RD

BP: 60+00.00

LOT 9
 STA. 16+75.0, 8.0 RT
 8-IN VALVE & BOX
 WN 9
 1-IN

LOT 5
 STA. 16+85.0, 8.0 RT
 8-IN VALVE & BOX
 WN 9
 1-IN

LOT 4
 STA. 16+80.0, 8.0 RT
 8X8-IN TEE
 WN 9
 1-IN

LOT 3
 STA. 19+75.0, 22.5 RT
 5-IN HYDRANT
 WN 9
 1-IN

LOT 2
 STA. 19+75.0, 8.0 RT
 8X6-IN TEE
 WN 9
 1-IN

STA. 19+75.6, 8.0 RT
 8-IN MJ PLUG

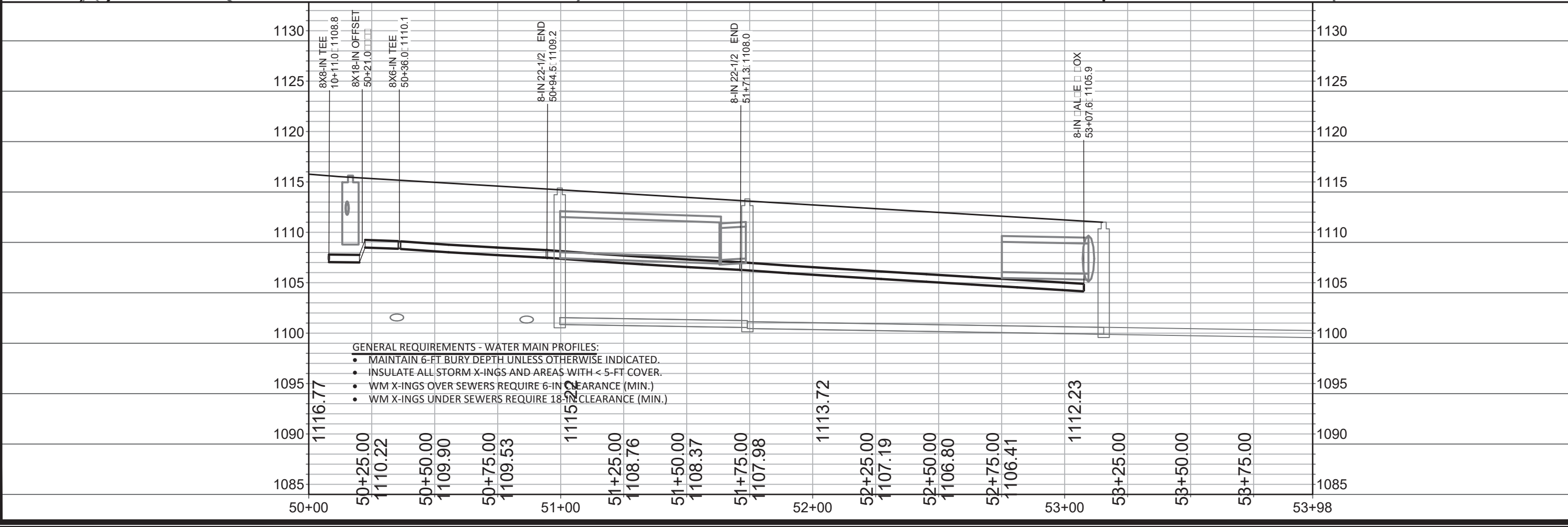
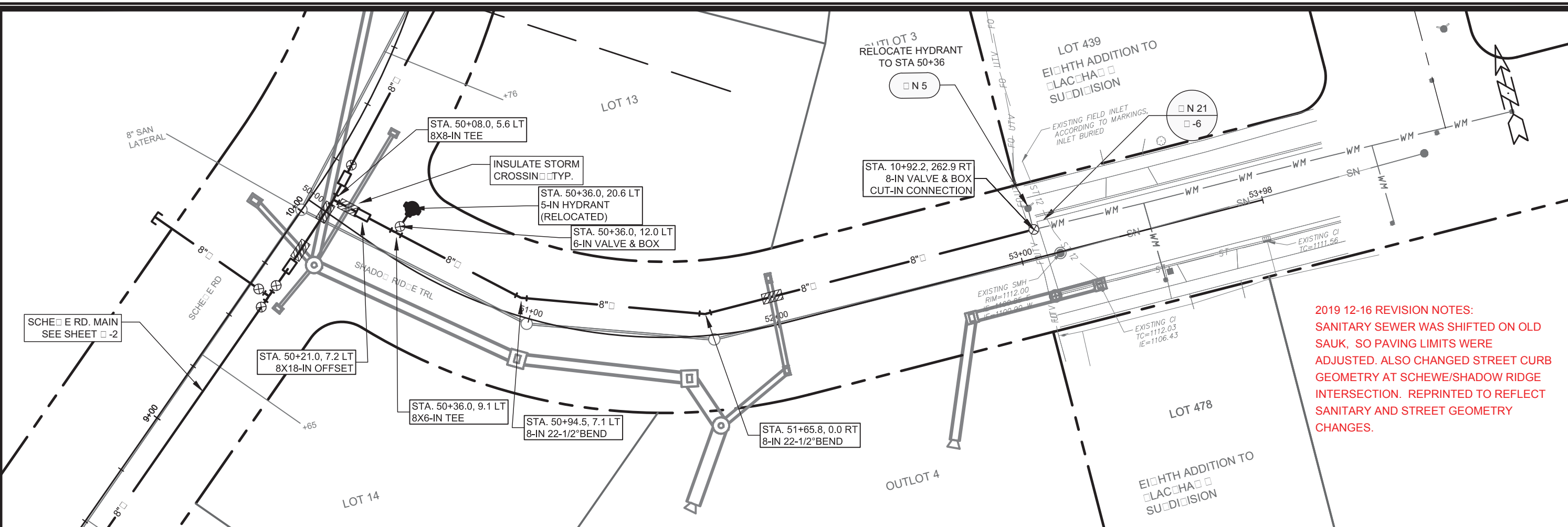
REVISION	DATE	BY
MARK	Date: 8/30/2019	Scale: Custom
Designed By: KBM	12598	W-4

12598
 MADISON, WI
 CONTRACT NO: 8392

SCHEWE ROAD
 POPE FARMS ESTATES
 CITY OF MADISON



12598
 W-4



2019 12-16 REVISION NOTES:
 SANITARY SEWER WAS SHIFTED ON OLD SAUK, SO PAVING LIMITS WERE ADJUSTED. ALSO CHANGED STREET CURB GEOMETRY AT SCHEWE/SHADOW RIDGE INTERSECTION. REPRINTED TO REFLECT SANITARY AND STREET GEOMETRY CHANGES.

12598	12598
MADISON, WI	CONTRACT NO: 8392
SHADOW RIDGE TRAIL	
POPE FARMS ESTATES	
CITY OF MADISON	
12598	W-5

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 DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 4. THE EXISTING UTILITIES SHOWN ON THIS REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN REPARATION. CONTRACTOR IS RESPONSIBLE OR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.
- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
 - WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
 - WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
 - WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
 - WN-5 RELOCATE THE EXISTING FIRE HYDRANT.
 - WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.
 - WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
 - WN-8 ABANDON THE VALVE BOX.
 - WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
 - WN-10 REMOVE AND SALVAGE EXISTING HYDRANT
 - WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
 - WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

**REVISED 10-01-2019 KBM
-12" MAIN & FITTINGS CHANGED TO 8" MAIN & FITTINGS**

***ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

ITEM ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	80	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	2275	LNFT
70005	FURNISH AND INSTALL 12-INCH PIPE & FITTINGS	6	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	4	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	10	EACH
70040	FURNISH INSTALL AND SALVAGE HYDRANT	5	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	15	EACH
71002	8-IN MJ CAP	2	EACH
71014	8-IN MJ PLUG	1	EACH
71016	12-IN MJ PLUG	1	EACH
71059	16X12-IN CROSS	1	EACH
71135	8-IN 22-1/2° BEND	5	EACH
71147	8-IN 11-1/4° BEND	3	EACH
71165	12X8-IN REDUCER	1	EACH
71210	8X6-IN TEE	5	EACH
71211	8X8-IN TEE	3	EACH
71341	8X18-IN OFFSET	3	EACH

***ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:**

ITEM ID	DESCRIPTION	QUANTITY	UNIT

***ESTIMATE OF MATERIALS SALVAGED:**

ITEM ID	DESCRIPTION	QUANTITY	UNIT

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

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.

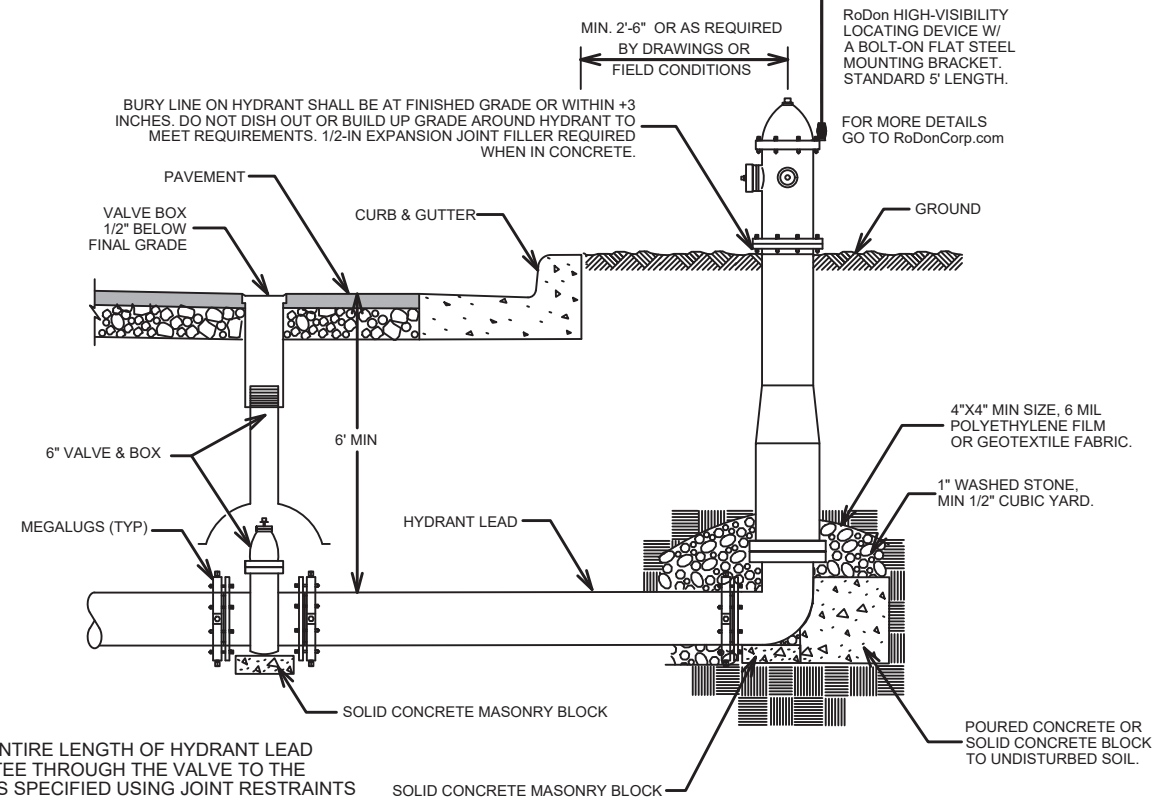


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2018



NOTE:

1. RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING JOINT RESTRAINTS PER SECTION 703.10

CITY OF MADISON
WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

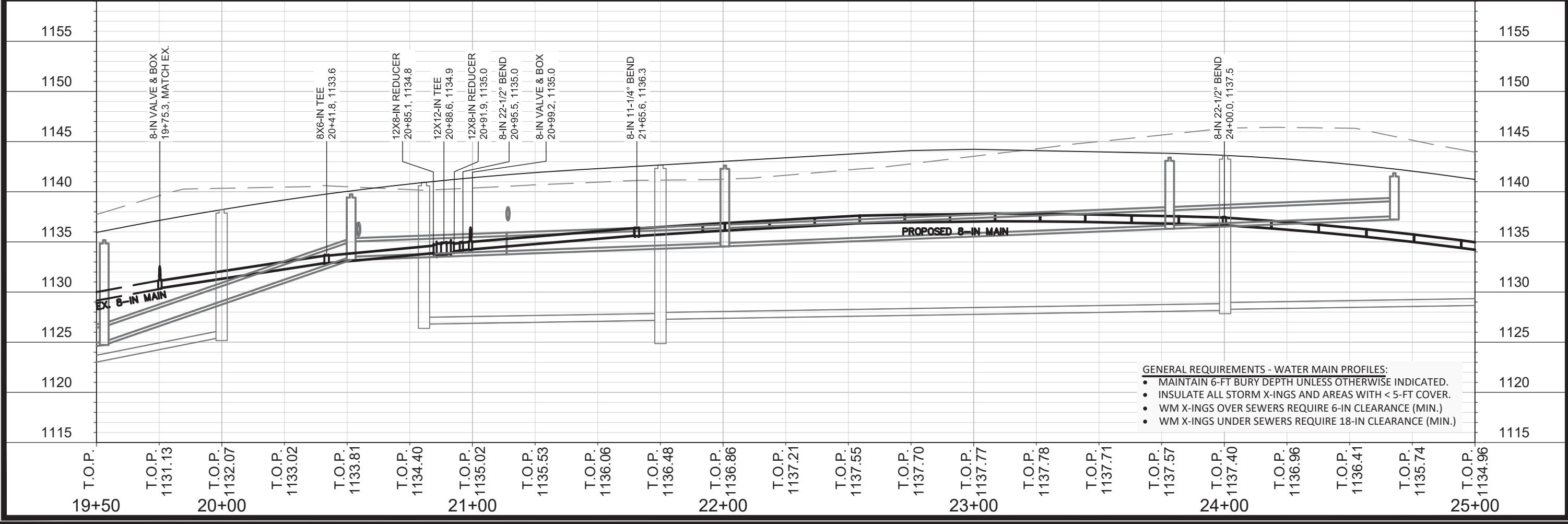
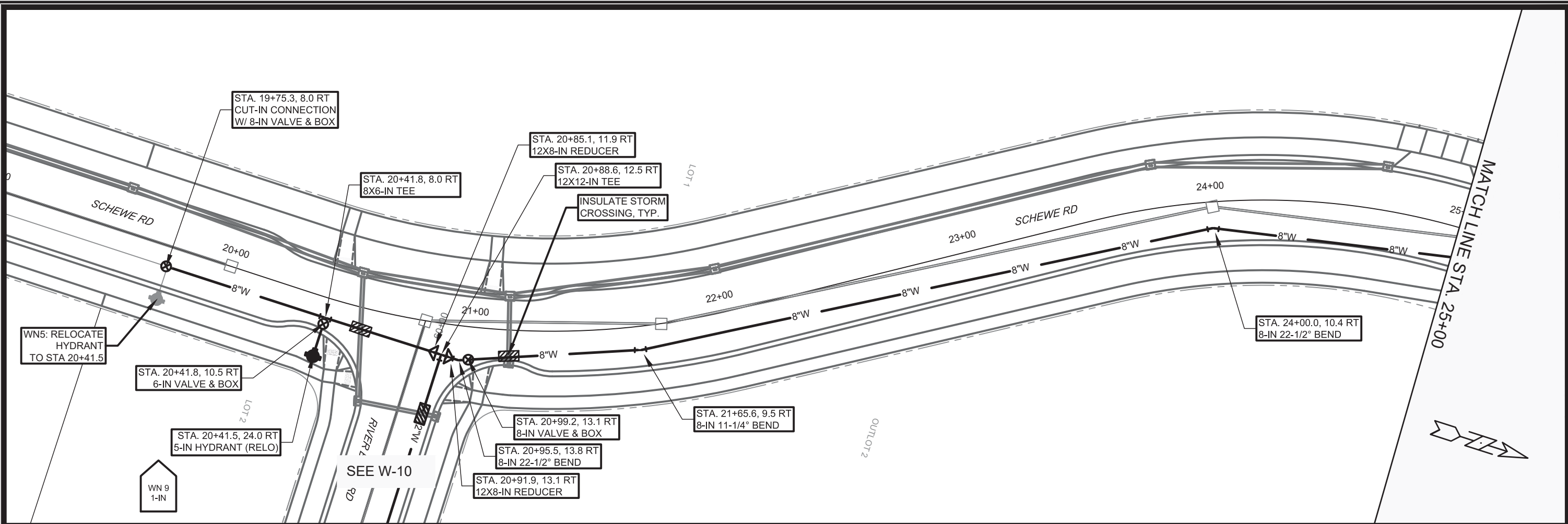
MARK	REVISION	DATE	BY

12598
MADISON, WI
8392
CONTRACT NO:

WATER ESTIMATE OF MATERIALS
POPE FARMS ESTATES
CITY OF MADISON



12598
W-7



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

SCALE: 1" = 40'
 DESIGNED BY: KBM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 2/19/20

CONTRACT NO: 8392

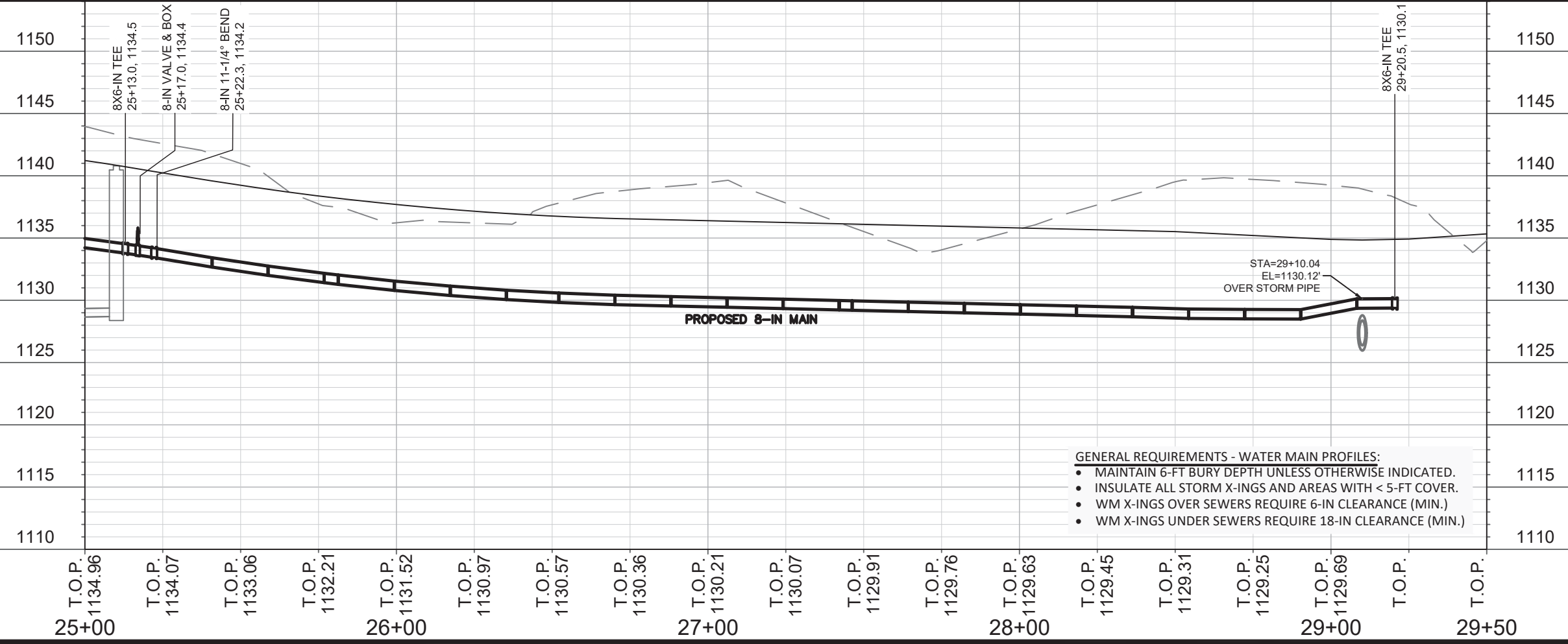
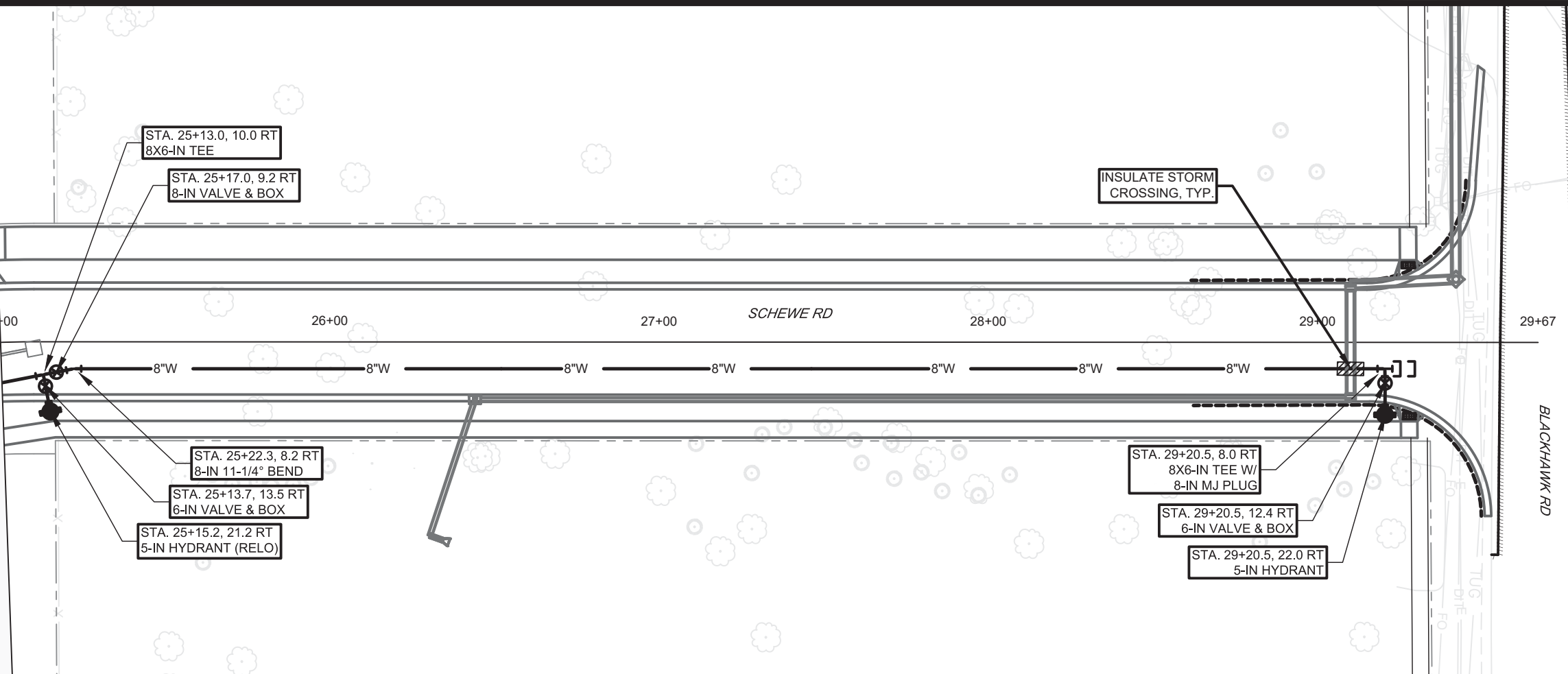
POPE FARM ESTATES
 WATER PLAN & PROFILE: SCHEWE RD
CITY OF MADISON, WISCONSIN



12598
 W-8



MATCHLINE STA. 25+00



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

SCALE: 1" = 40'
 DESIGNED BY: KBM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 3/19/20

CONTRACT NO: 8392

POPE FARM ESTATES
 WATER PLAN & PROFILE: SCHEWE ROAD
CITY OF MADISON, WISCONSIN



12598
 W-9

LOT 1

SEE W-8

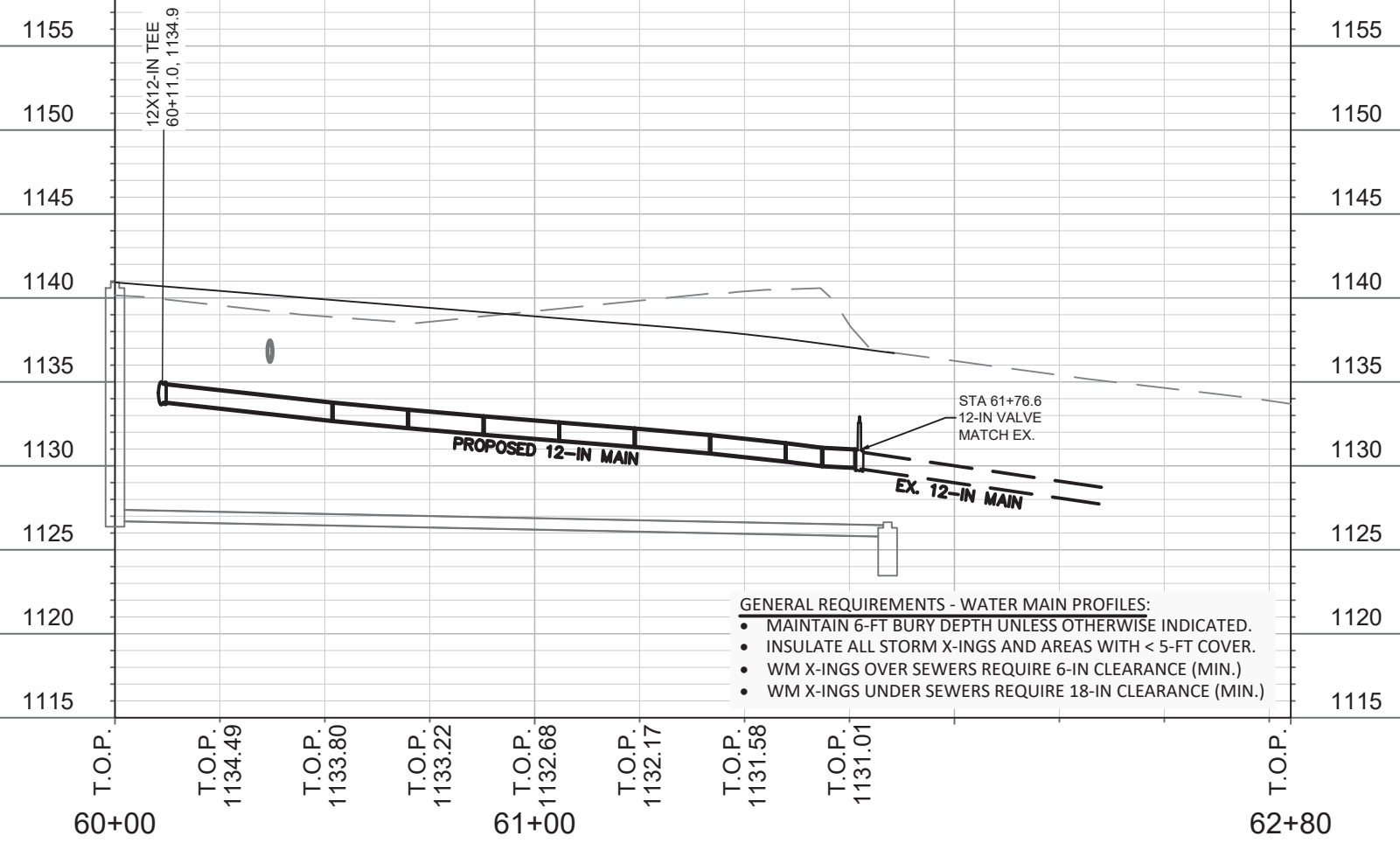
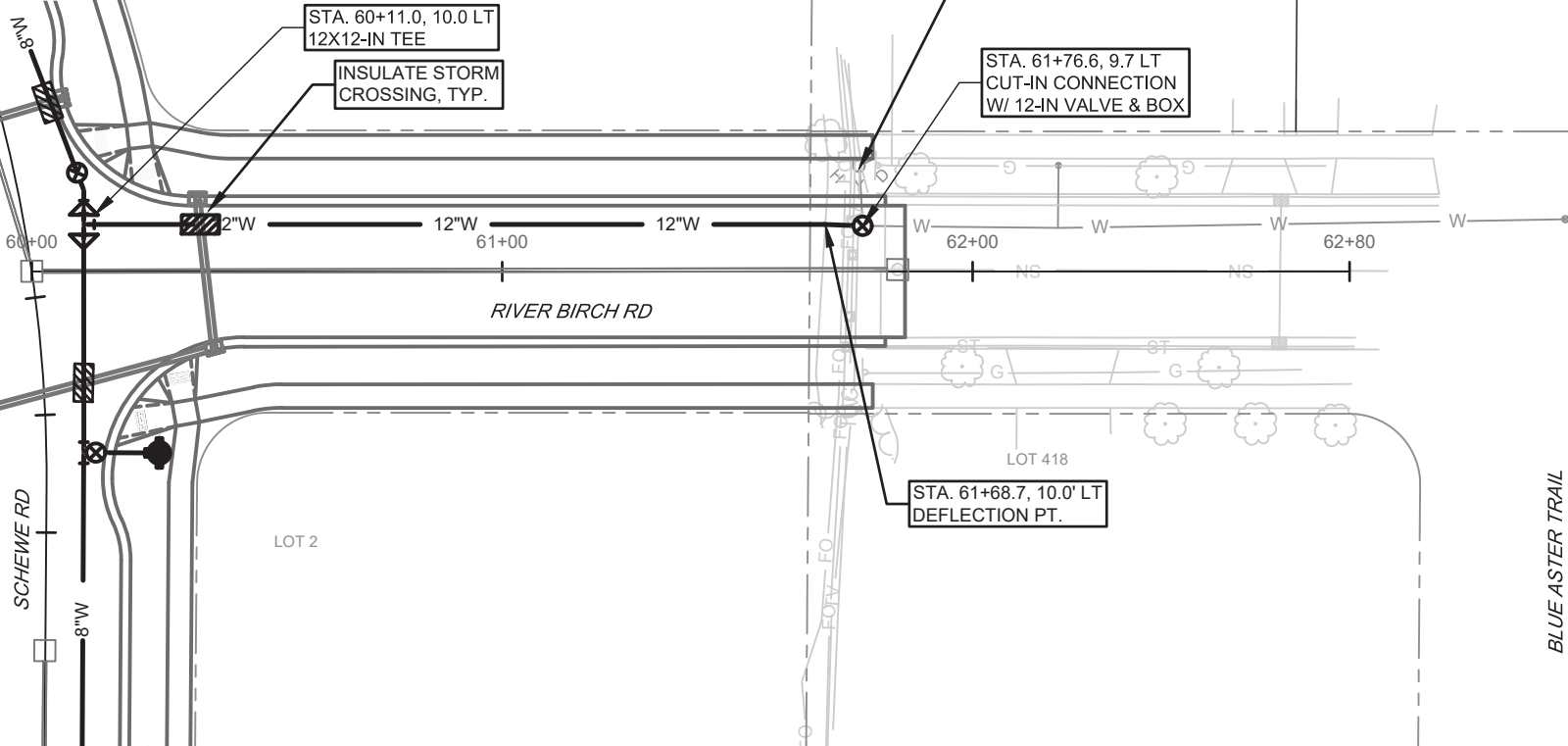
LOT 419

STA. 60+11.0, 10.0 LT
12X12-IN TEE
INSULATE STORM
CROSSING, TYP.

WN5: RELOCATE HYDRANT
SCHEWE RD STA 25+15.2

STA. 61+76.6, 9.7 LT
CUT-IN CONNECTION
W/ 12-IN VALVE & BOX

LOT 418
STA. 61+68.7, 10.0' LT
DEFLECTION PT.



- GENERAL REQUIREMENTS - WATER MAIN PROFILES:**
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
 - INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
 - WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
 - WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)



SCALE: 1" = 40'
 DESIGNED BY: KBM
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 2/19/20

CONTRACT NO: 8392

POPE FARM ESTATES
 WATER PLAN & PROFILE: RIVER BIRCH ROAD
 CITY OF MADISON, WISCONSIN



12598
 W-10

BLACKHAWK RD

BLACKHAWK RD

BLACKHAWK RD

ROSE C



9957

SCHEWE ROAD

8"W

9905

901

M-8

MEADOW MIST ROAD

HV-15

V-14

HV-3

V-2

V-1

SANDHILL RD

9822

9818

9814

9826

1105

9830

9817

9823

9829

9814

9810

1106

1102

9814

RED SKY DR

HV-4

V-5

V-6

9815

1031

1027

1023

1019

1015

1014

1010

857

1014

V-13

V-12

HV-15

RIVER BIRCH RD

HV-16

1009

1006

1005

1002

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

SCALE: 1" = 100'

DESIGNED BY: KBM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: POPE FARMS

POPE FARM ESTATES - NORTH

WATER IMPACT PLAN

CITY OF MADISON, WISCONSIN



12598

W-11

CONTRACT NO: 8392

CONSTRUCTION NOTES:

- | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----|--|------|---|------|--|------|---|------|-------------------------------------|------|---------------------------------------|------|---|------|------------------------|------|---|-------|-------------------------------------|-------|---|--------|---|
| <ol style="list-style-type: none"> 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. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED. MINIMIZE DISRUPTION OF SERVICE TO CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE. THE EXISTING UTILITIES SHOWN ON THIS REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN REPARATION. CONTRACTOR IS RESPONSIBLE OR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK. | <table border="0"> <tr><td>WN1</td><td>REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</td></tr> <tr><td>WN-2</td><td>EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</td></tr> <tr><td>WN-3</td><td>EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</td></tr> <tr><td>WN-4</td><td>DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</td></tr> <tr><td>WN-5</td><td>RELOCATE THE EXISTING FIRE HYDRANT.</td></tr> <tr><td>WN-6</td><td>ABANDON WATER VALVE ACCESS STRUCTURE.</td></tr> <tr><td>WN-7</td><td>FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</td></tr> <tr><td>WN-8</td><td>ABANDON THE VALVE BOX.</td></tr> <tr><td>WN-9</td><td>FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</td></tr> <tr><td>WN-10</td><td>REMOVE AND SALVAGE EXISTING HYDRANT</td></tr> <tr><td>WN-11</td><td>REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</td></tr> <tr><td>WN-20+</td><td>SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.</td></tr> </table> | WN1 | REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE. | WN-2 | EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN. | WN-3 | EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF. | WN-4 | DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN. | WN-5 | RELOCATE THE EXISTING FIRE HYDRANT. | WN-6 | ABANDON WATER VALVE ACCESS STRUCTURE. | WN-7 | FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE. | WN-8 | ABANDON THE VALVE BOX. | WN-9 | FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL. | WN-10 | REMOVE AND SALVAGE EXISTING HYDRANT | WN-11 | REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE | WN-20+ | SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION. |
| WN1 | REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-2 | EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-3 | EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-4 | DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-5 | RELOCATE THE EXISTING FIRE HYDRANT. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-6 | ABANDON WATER VALVE ACCESS STRUCTURE. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-7 | FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-8 | ABANDON THE VALVE BOX. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-9 | FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL. | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-10 | REMOVE AND SALVAGE EXISTING HYDRANT | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-11 | REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE | | | | | | | | | | | | | | | | | | | | | | | | |
| WN-20+ | SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION. | | | | | | | | | | | | | | | | | | | | | | | | |

*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:			
ITEM ID	DESCRIPTION	QUANTITY	UNIT
70002	FURNISH AND INSTALL 6-INCH PIPE & FITTINGS	50	LNFT
70003	FURNISH AND INSTALL 8-INCH PIPE & FITTINGS	1120	LNFT
70005	FURNISH AND INSTALL 12-INCH PIPE & FITTINGS	185	LNFT
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	3	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	3	EACH
70034	FURNISH AND INSTALL 12-INCH WATER VALVE	1	EACH
70040	FURNISH INSTALL AND SALVAGE HYDRANT	1	EACH
70050	FURNISH AND INSTALL 1-INCH SERVICE LATERALS	1	EACH
70101	FURNISH AND INSTALL STYROFOAM	32	LNFT
71014	8-IN MJ PLUG	2	EACH
71135	8-IN 22-1/2° BEND	2	EACH
71147	8-IN 11-1/4° BEND	1	EACH
71165	12X8-IN REDUCER	2	EACH
71210	8X6-IN TEE	3	EACH
71220	12X12-IN TEE	1	EACH
	POLY WRAP	1560	LNFT
*ESTIMATE OF MATERIALS SUPPLIED BY WATER UTILITY:			
*ESTIMATE OF MATERIALS SALVAGED/REUSED:			
	5-IN HYDRANT	2	EACH

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

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.

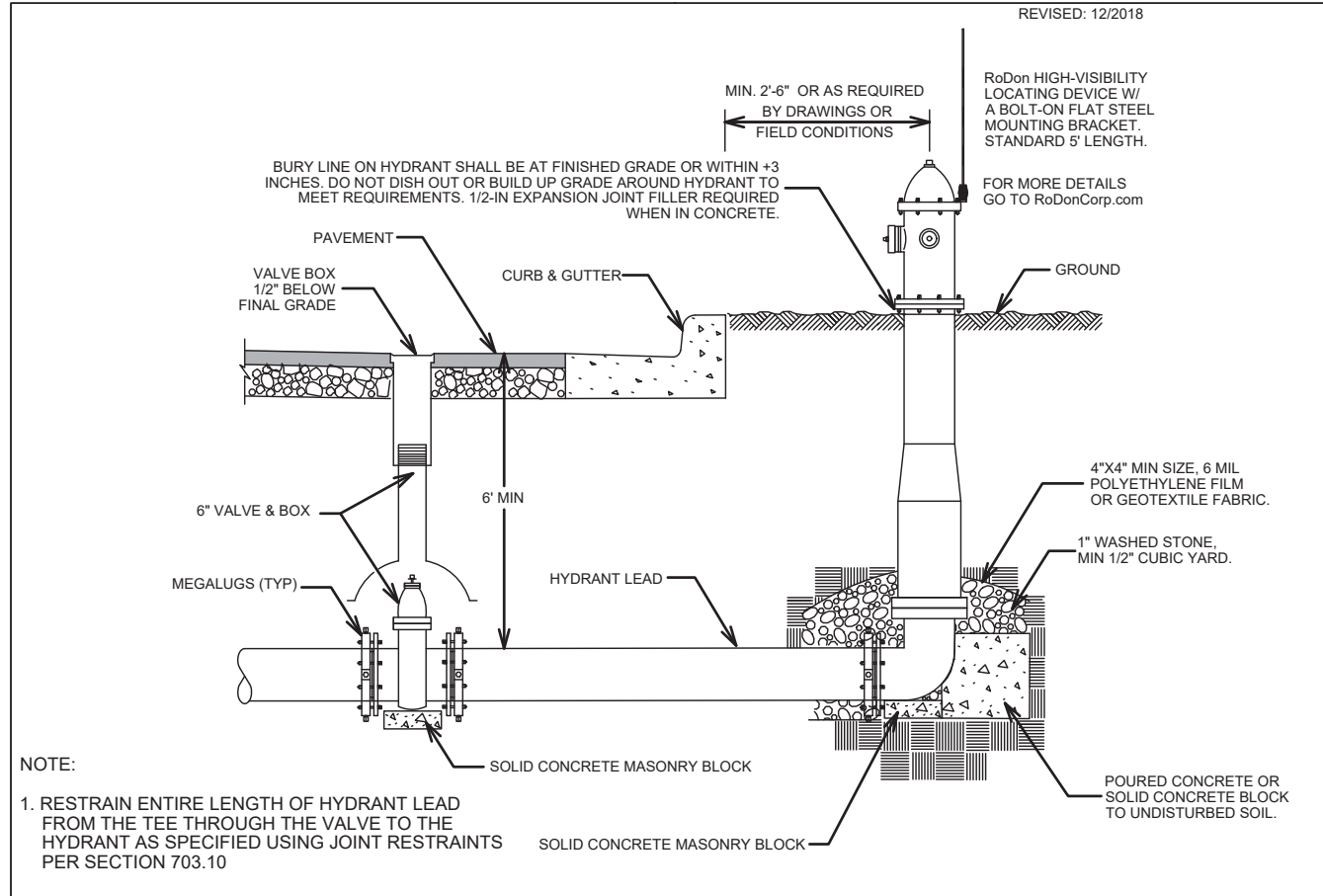


DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

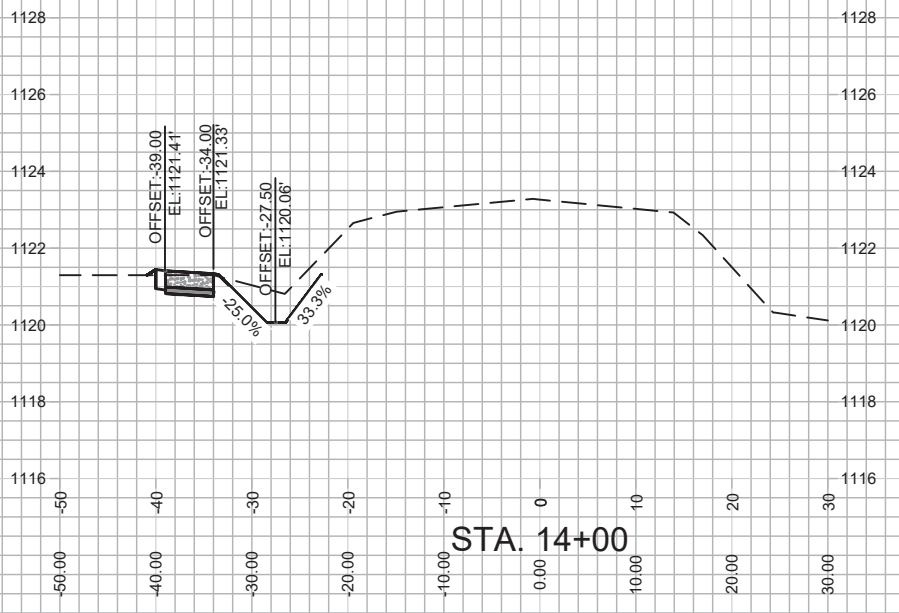
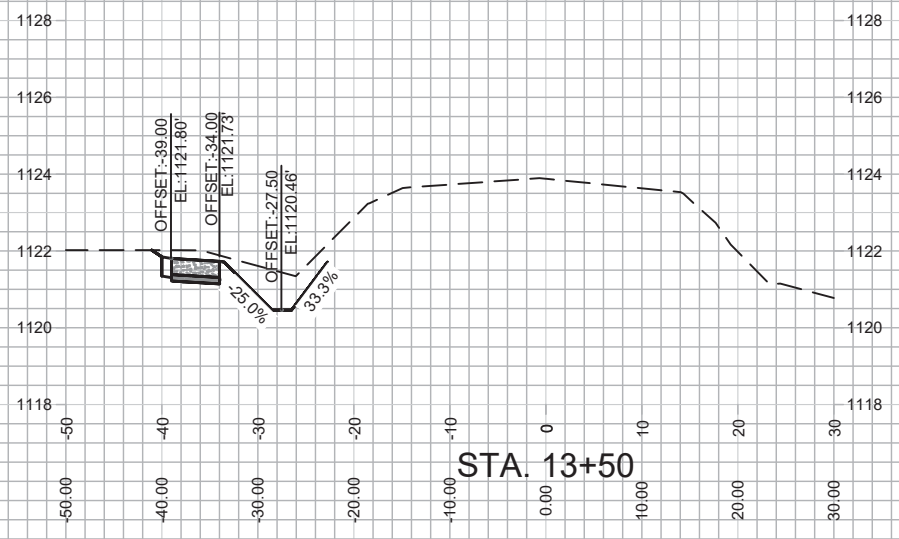
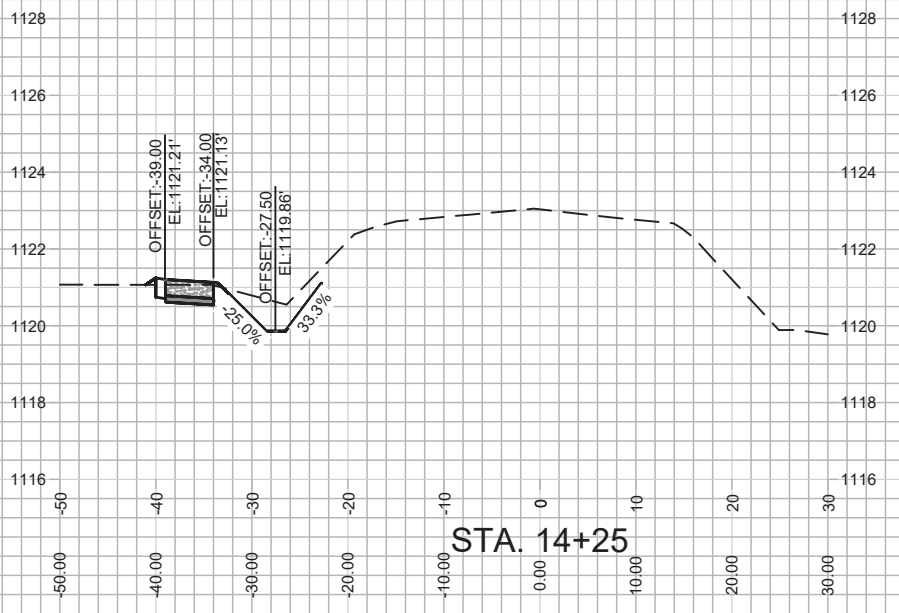
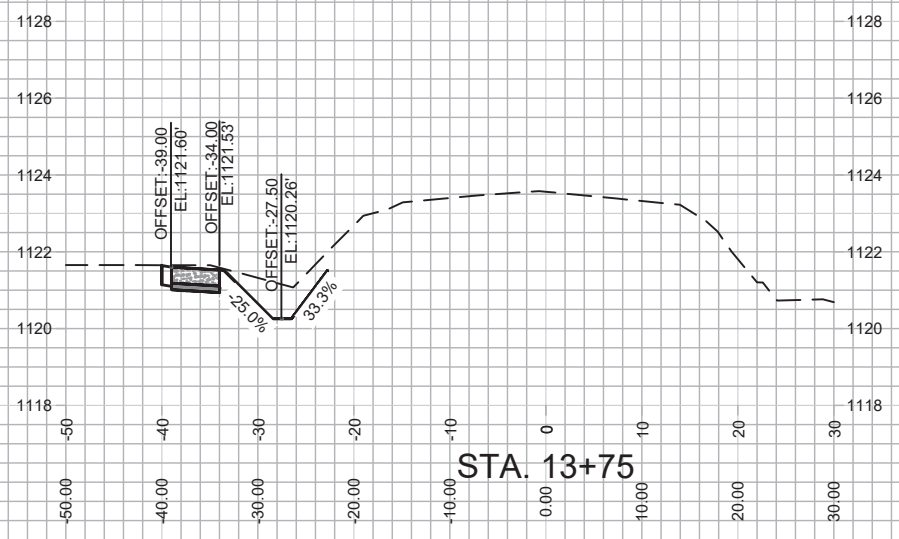
DETAIL DRAWING NO. 7.04

REVISED: 12/2018



CITY OF MADISON WATER UTILITY NOT TO SCALE TYPICAL HYDRANT INSTALLATION

12598	MADISON, WI	8392	W-12
POPE FARM ESTATES		CITY OF MADISON	
WATER ESTIMATE OF MATERIALS - NORTH		CONTRACT NO:	
		12598	W-12



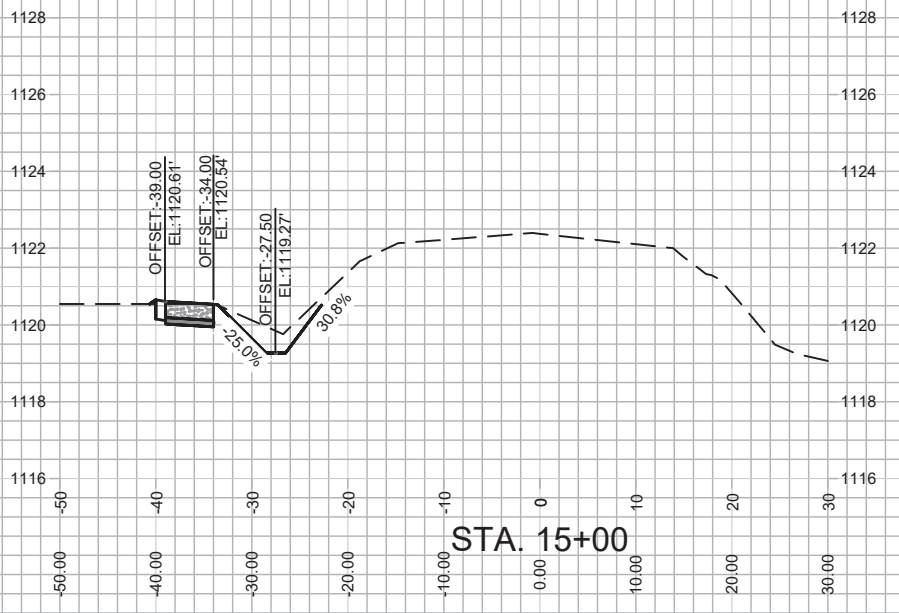
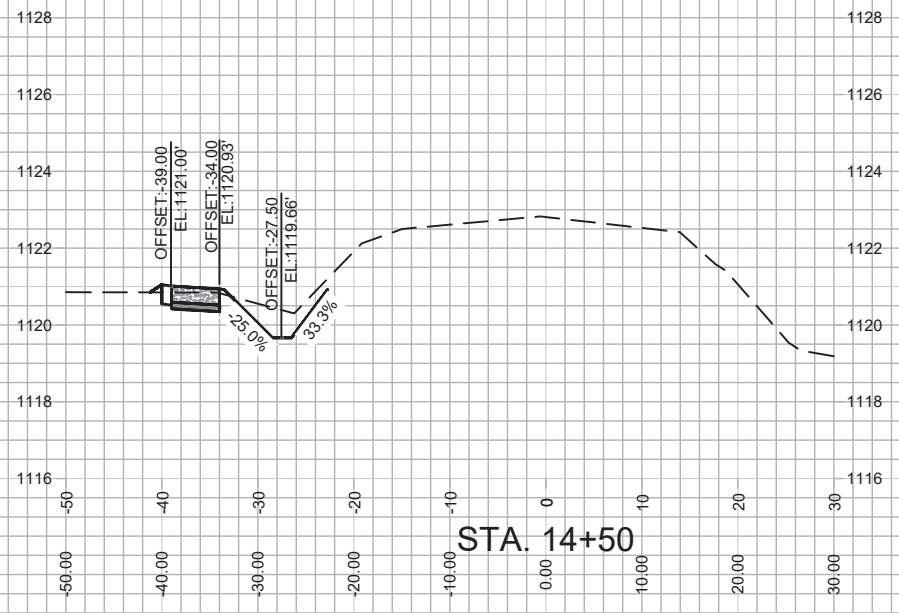
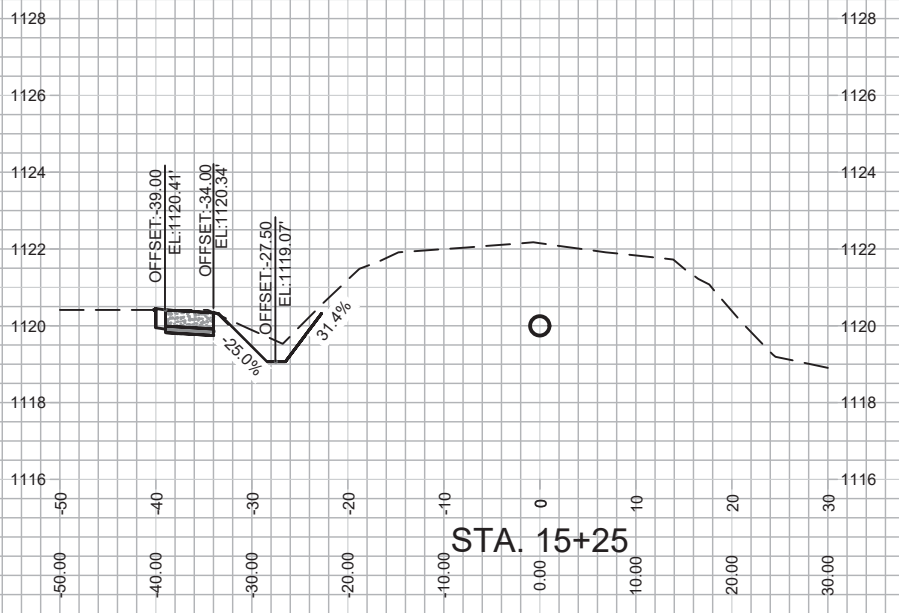
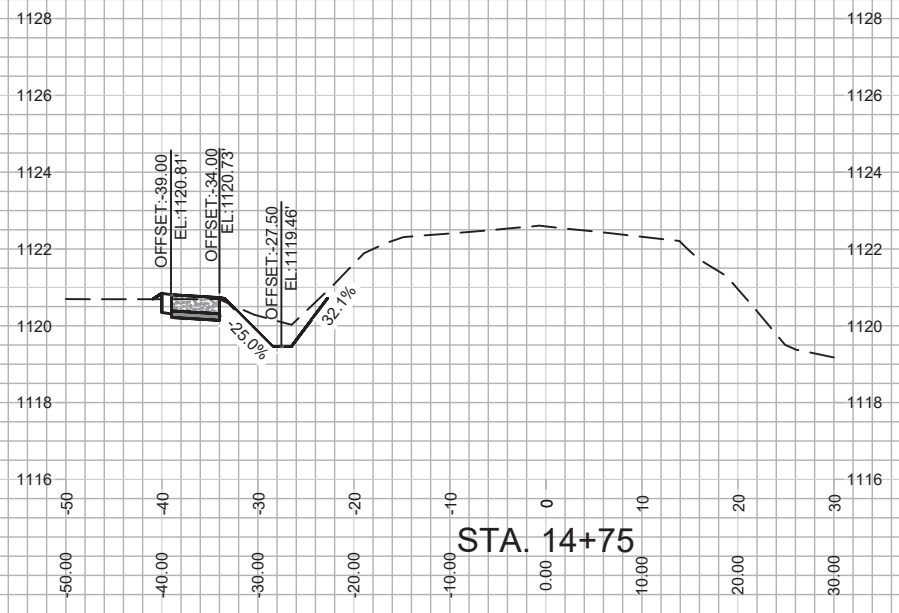
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Designed By: IO	Date: 09-13-2019	Scale: 1" = 20'	X-1

12598
 MADISON, WI
 8392
 CONTRACT NO:

X-1 OLD SAUK SIDEWALK CROSS SECTION
 POPE FARM ESTATES
 CITY OF MADISON



12598
 X-1



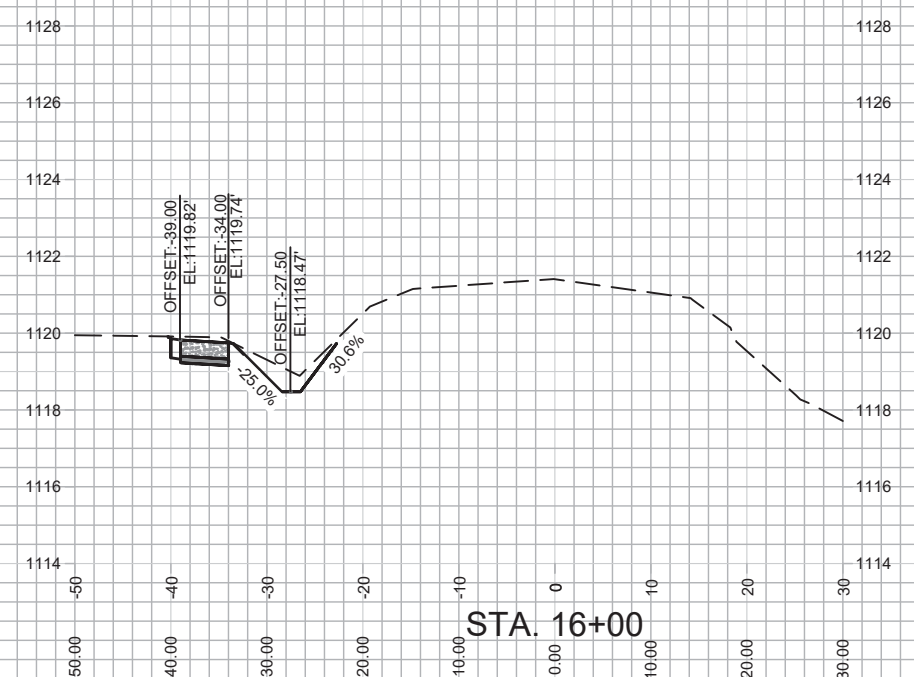
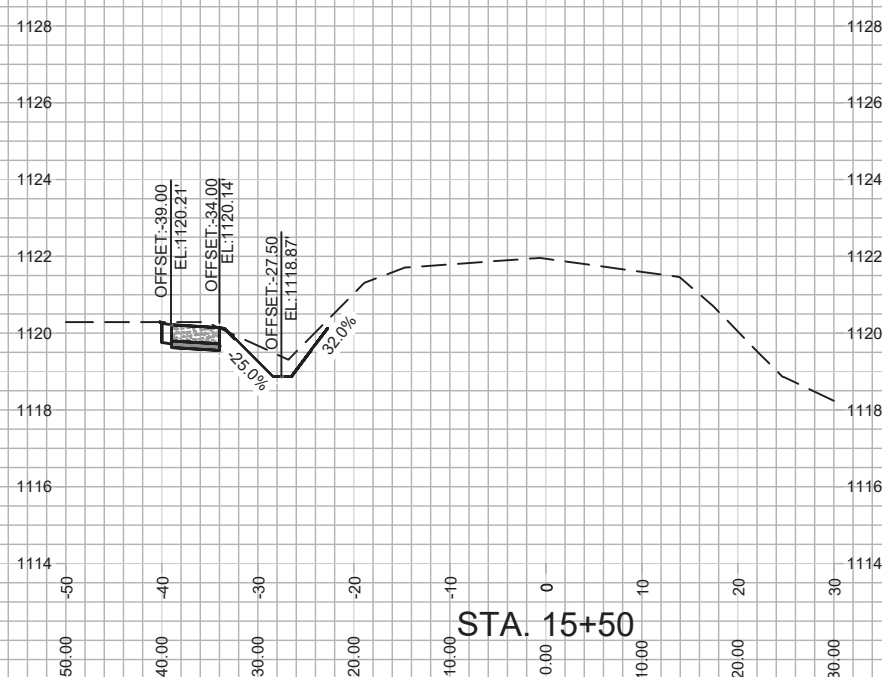
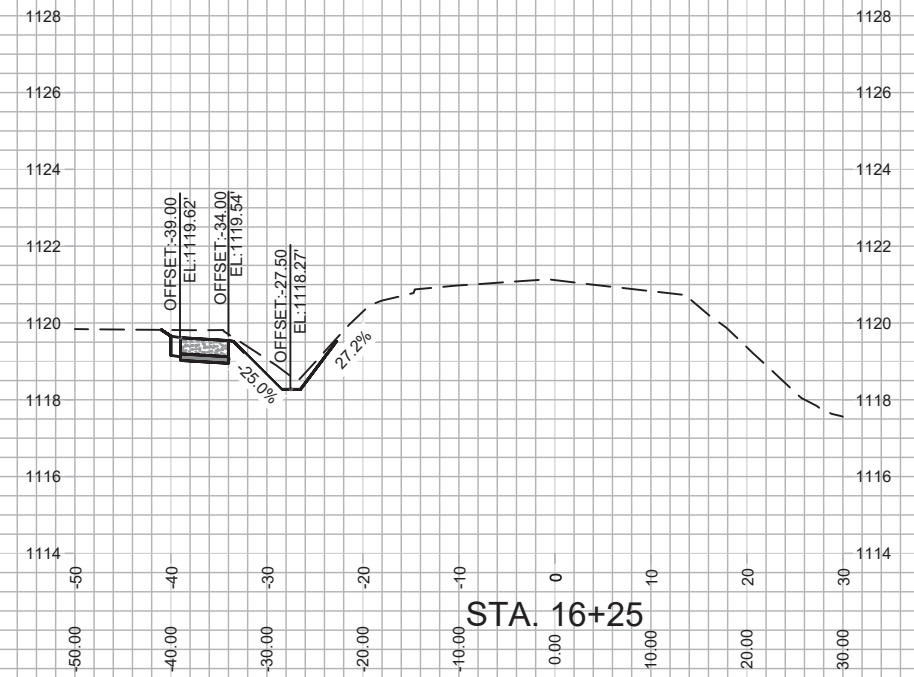
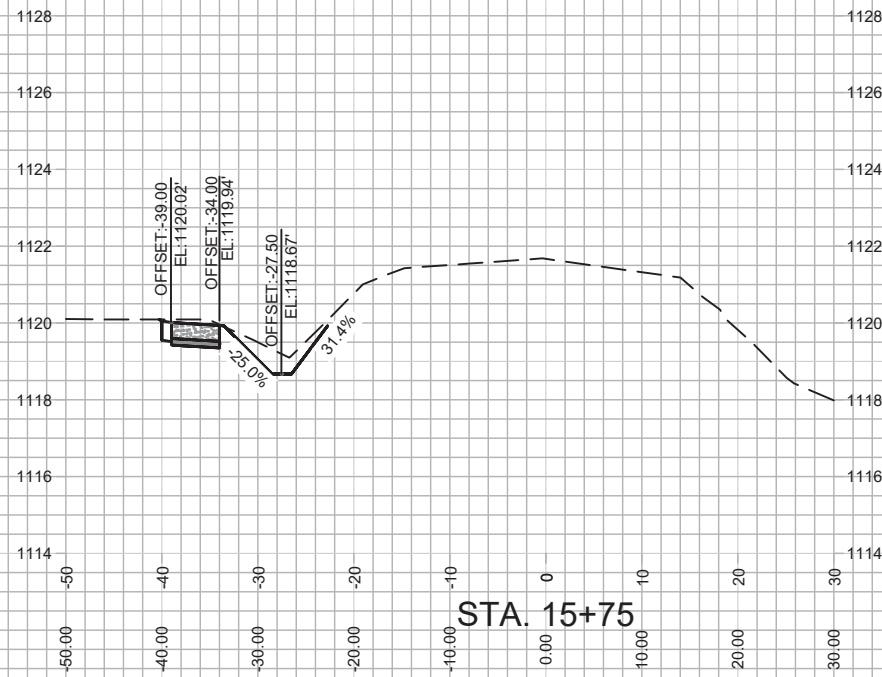
DESIGNED BY: IO	DATE
MARK	REVISION
#1	3.5.20
IO	BT
12598	X-2

12598
MADISON, WI
8392
CONTRACT NO:

X-2 OLD SAUK SIDEWALK CROSS SECTION
POPE FARM ESTATES
CITY OF MADISON



12598
X-2



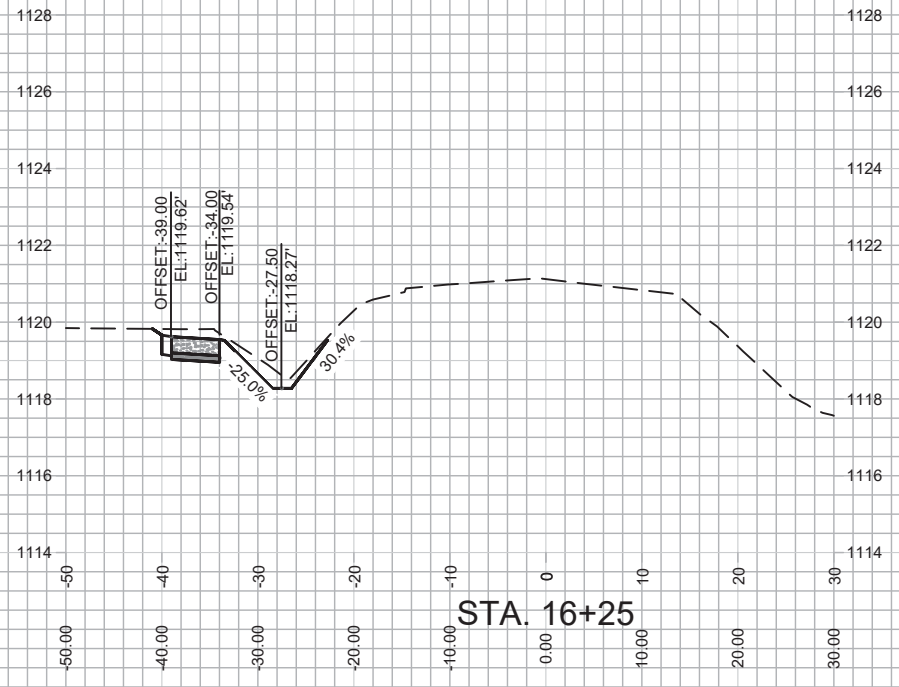
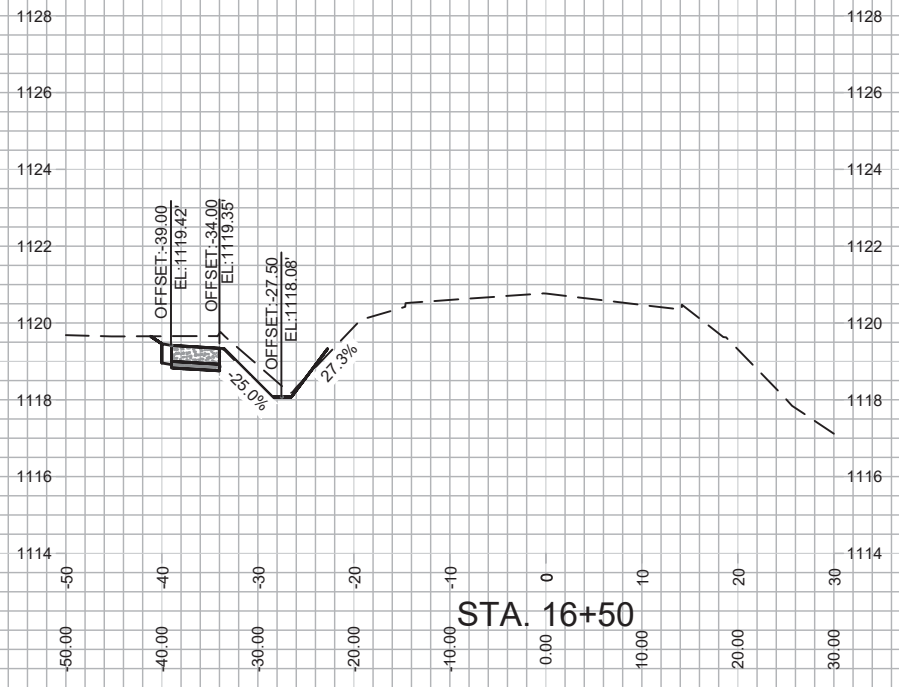
MARK	IO	REVISION	DATE
12598	3.5.20	IO	BT
Designed By: IO	Date: 09-13-2019	Scale: 1" = 20'	X-3

12598
MADISON, WI
8392
CONTRACT NO:

X-3 OLD SAUK SIDEWALK CROSS SECTION
POPE FARM ESTATES
CITY OF MADISON



12598
X-3

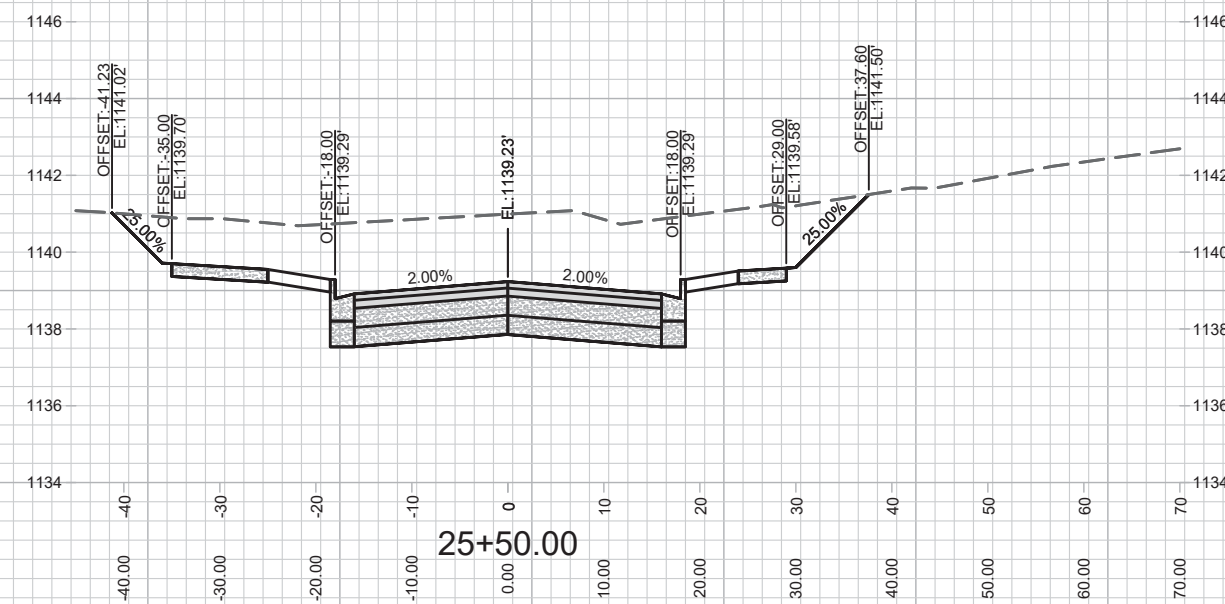
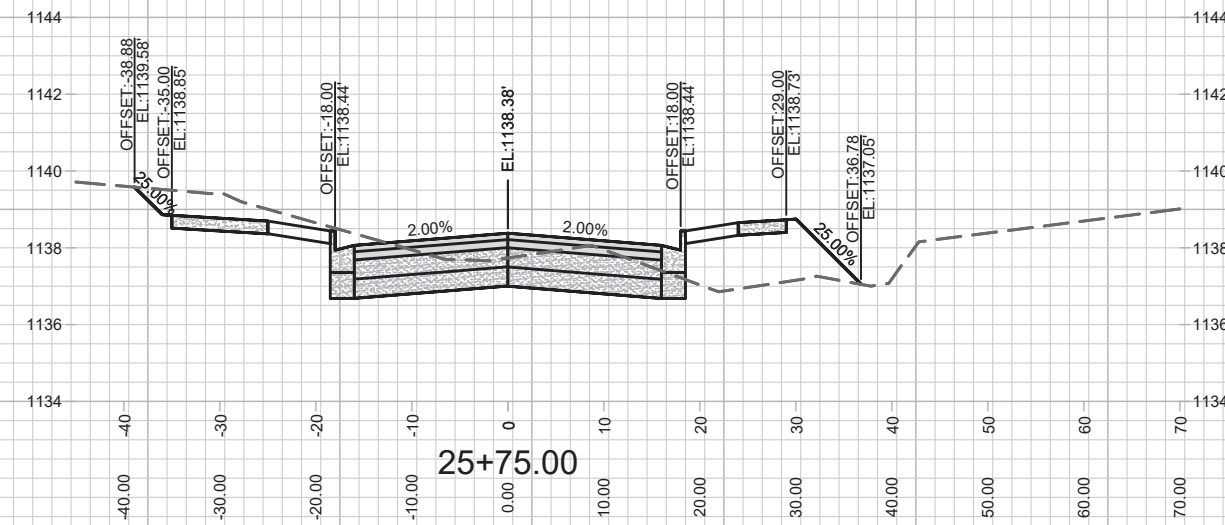
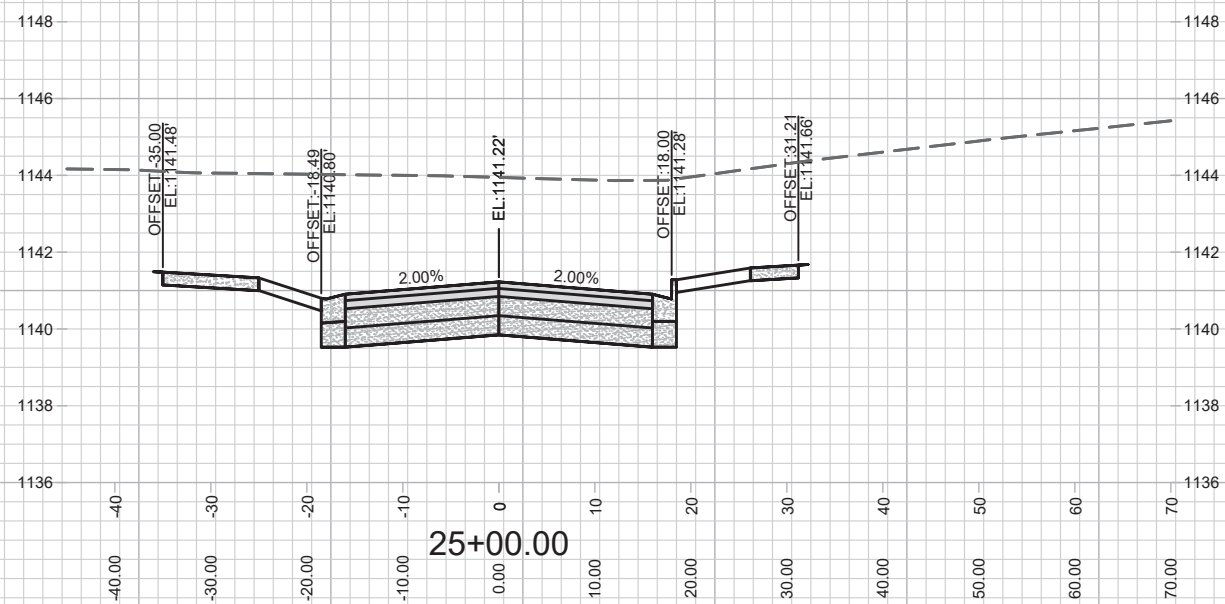
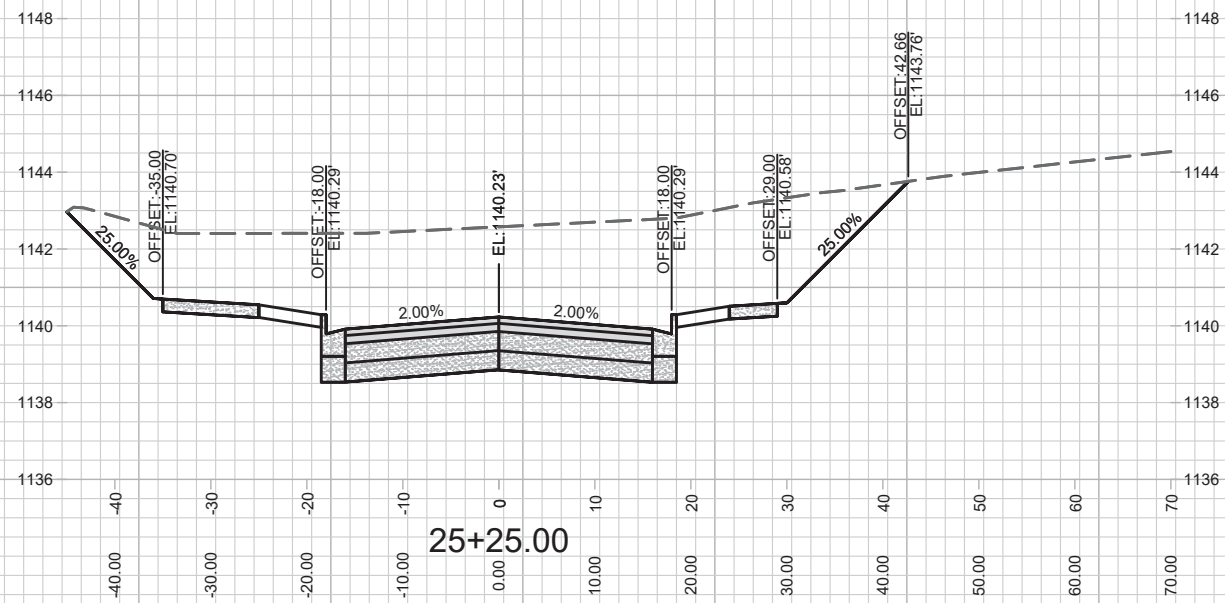


12598
X-4

X-4 OLD SAUK SIDEWALK CROSS SECTION
POPE FARM ESTATES
CITY OF MADISON

12598
MADISON, WI
8392
CONTRACT NO:

MARK	DESIGNED BY: IO	DATE	SCALE
#1	REVISION	3.5.20	IO
12598	12598	X-4	X-4



12598
X-5

X-5 SCHEUWE RD NORTH CROSS SECTION

POPE FARM ESTATES

MADISON, WI

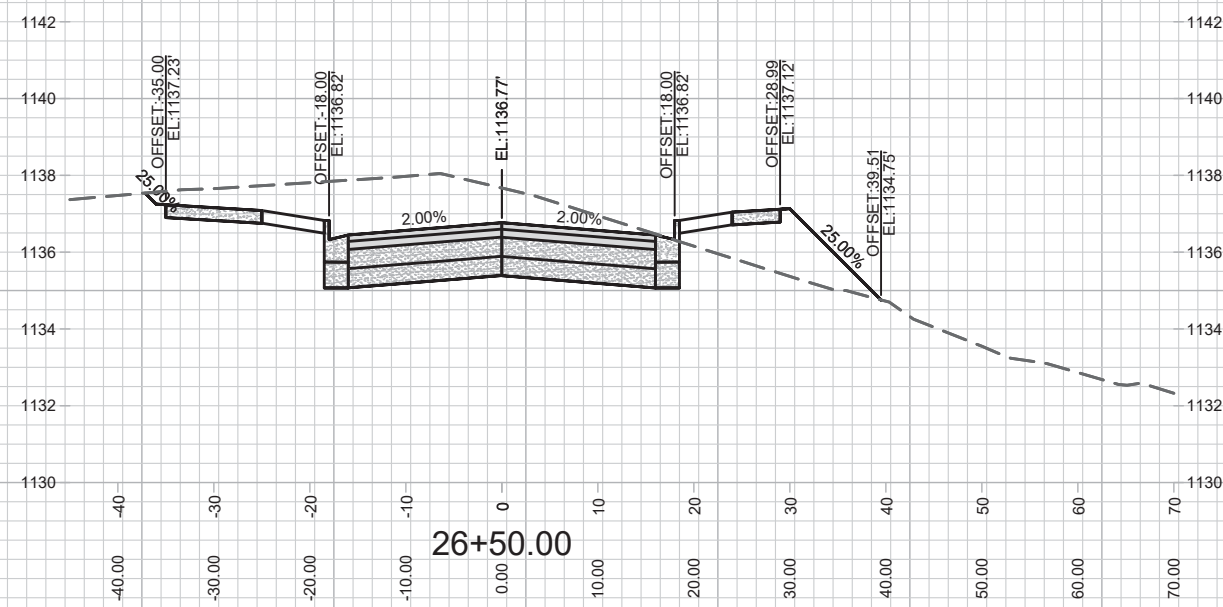
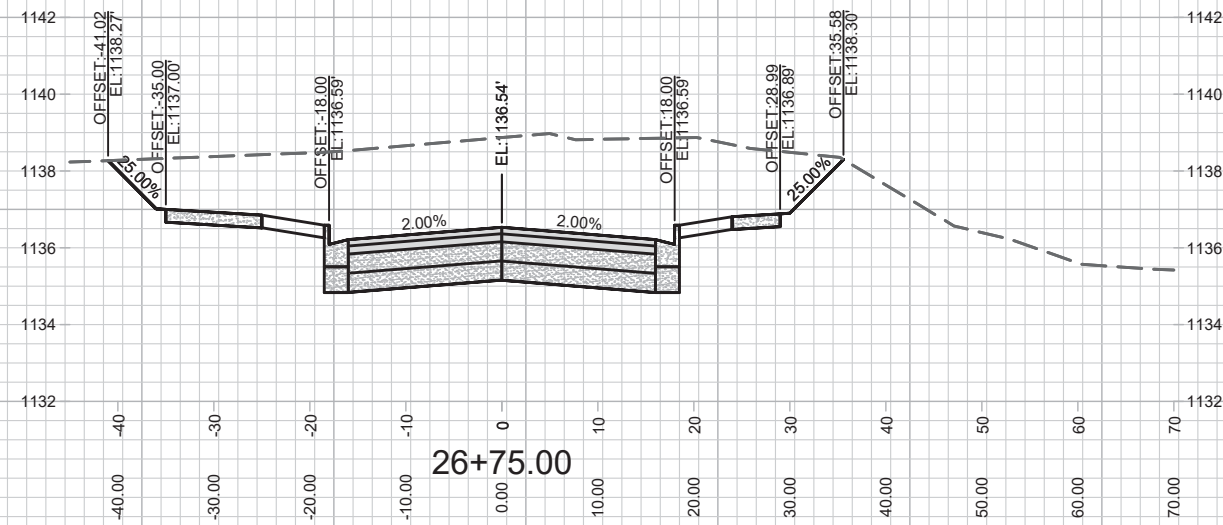
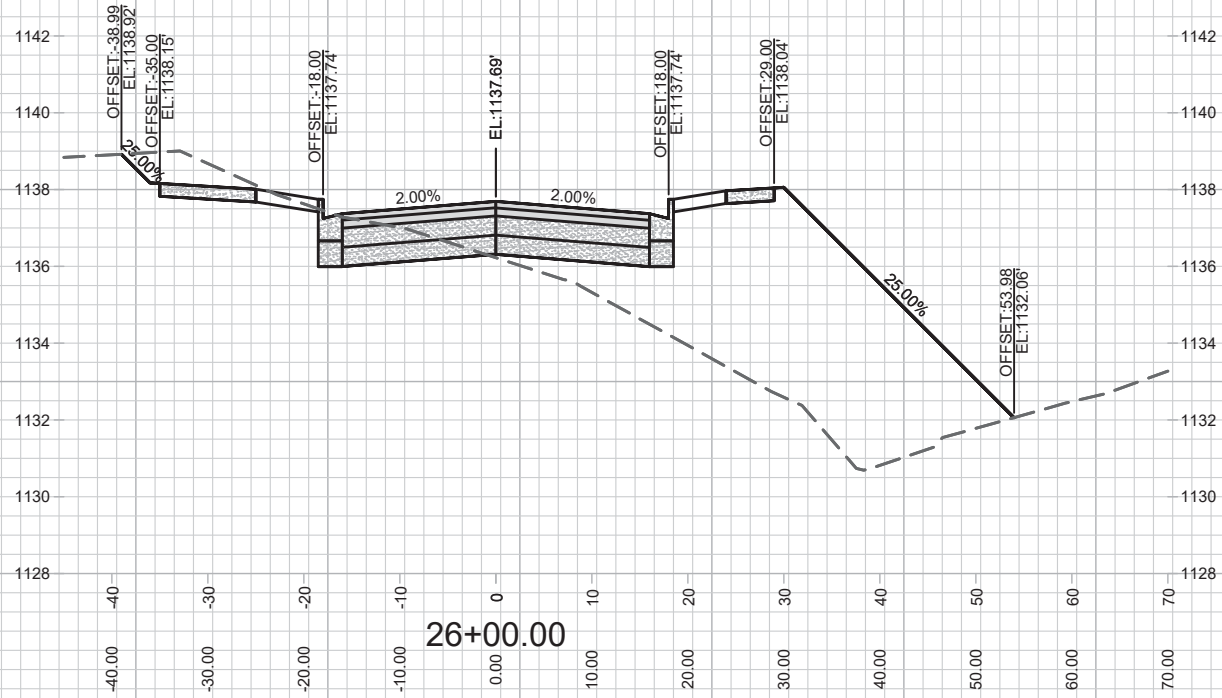
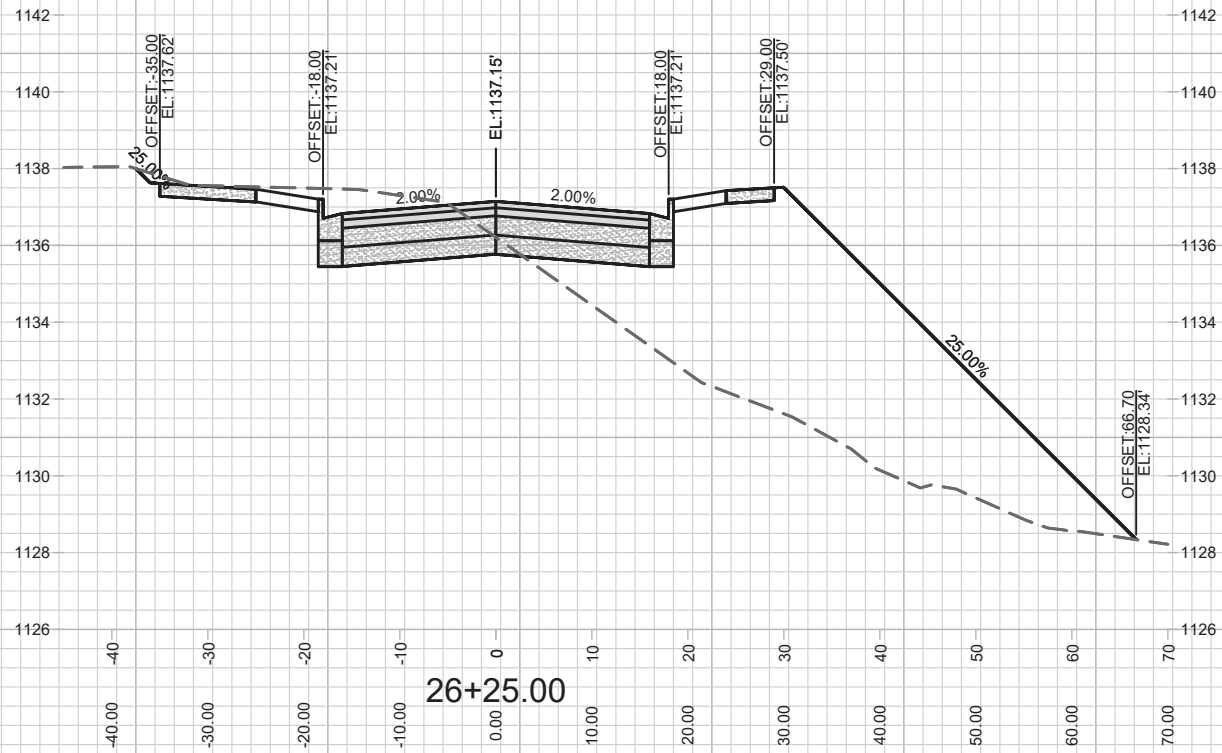
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CONTRACT NO: 8392

MARK	REVISION	DATE	BY
12598	Designed By: IO	Date: 5-5-20	Scale: 1" = 20'

X-5



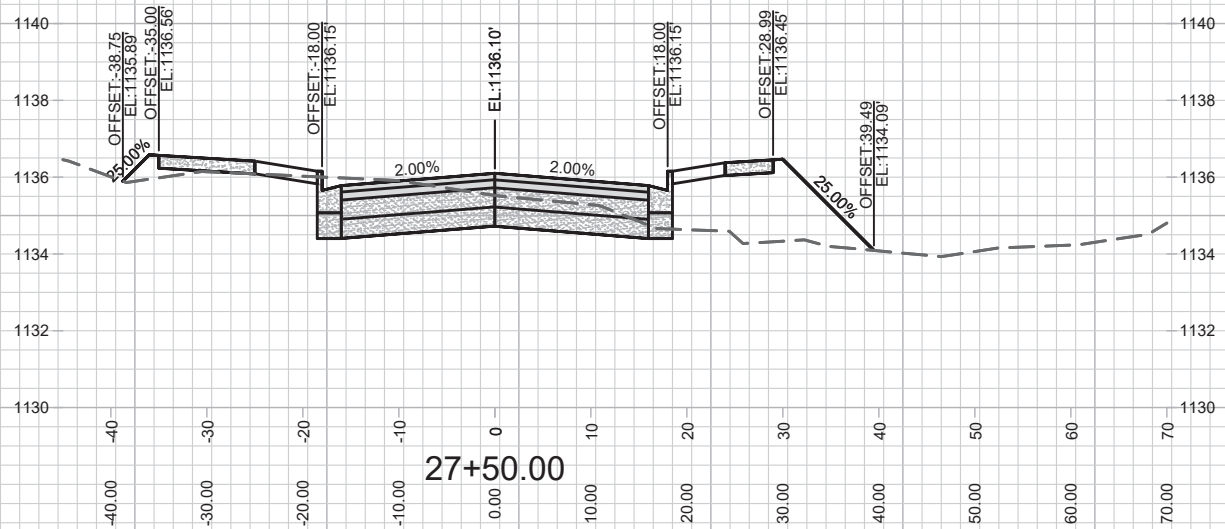
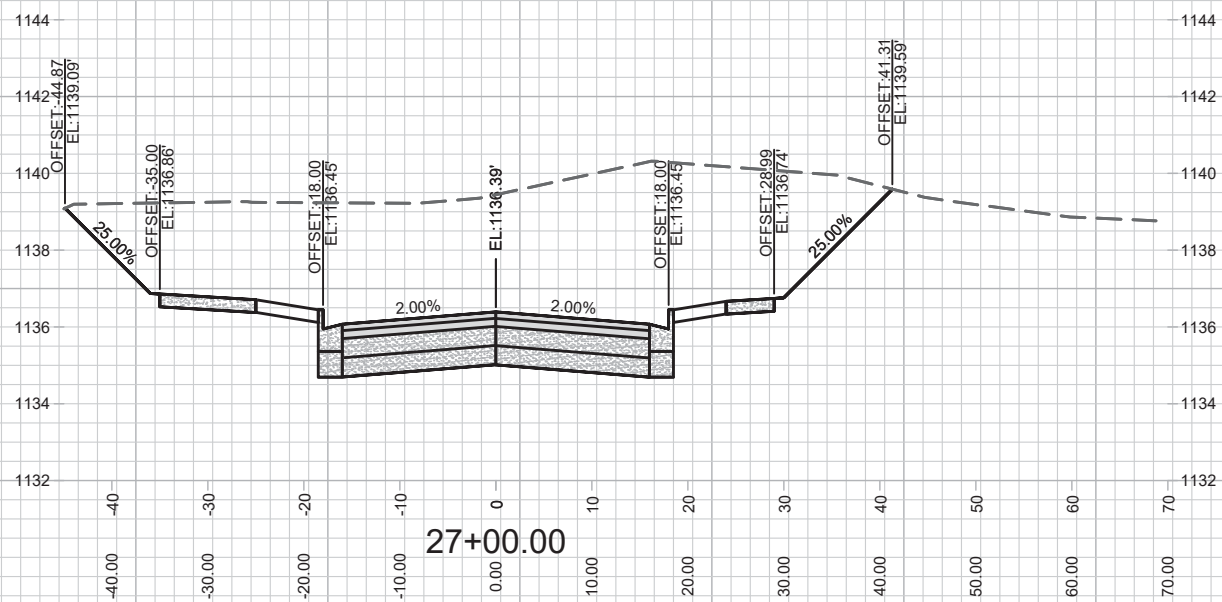
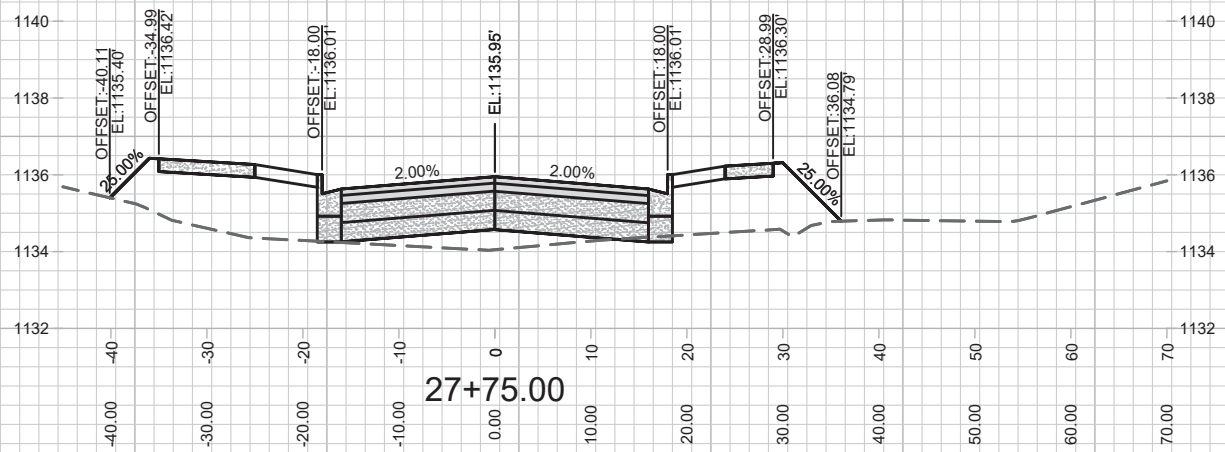
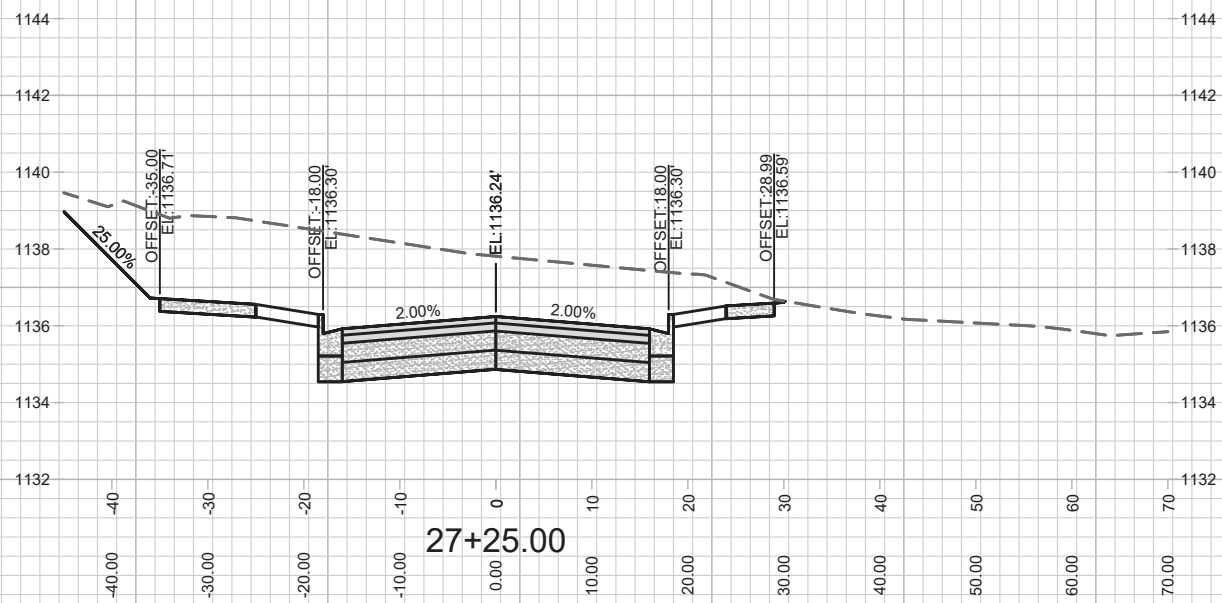
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12598
MADISON, WI
8392
CONTRACT NO:

X-6 SCHEWE RD NORTH CROSS SECTION
POPE FARM ESTATES
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12598
X-6

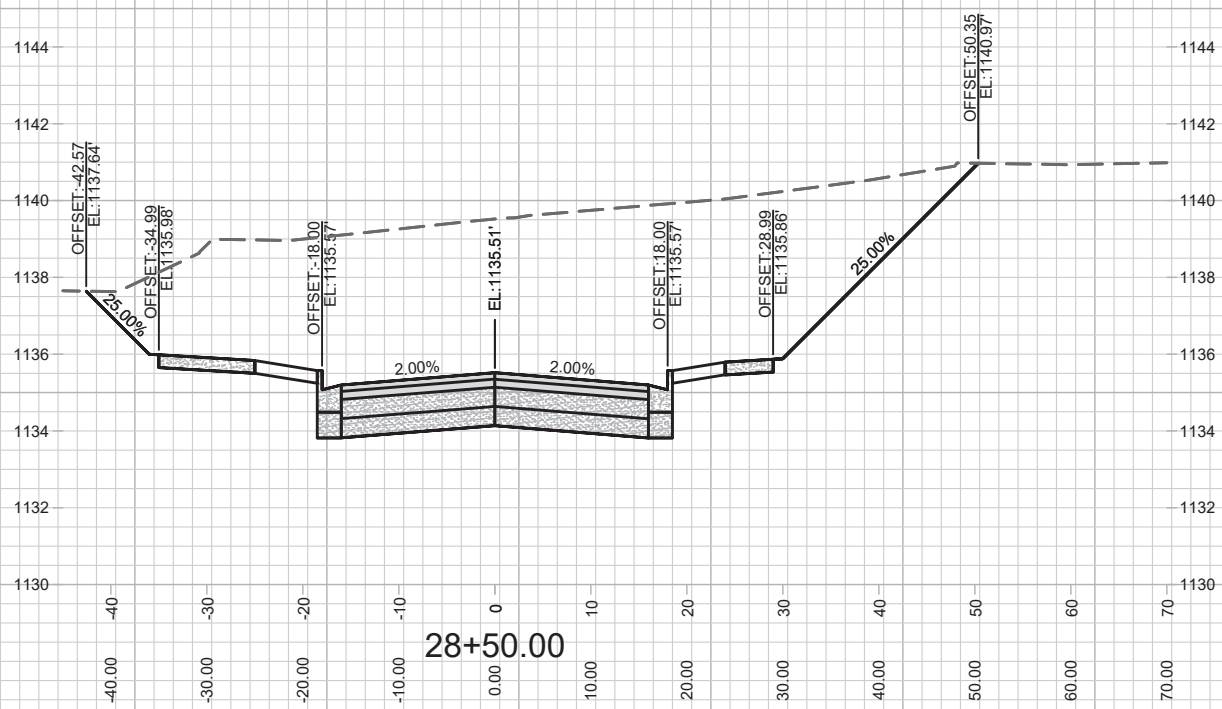
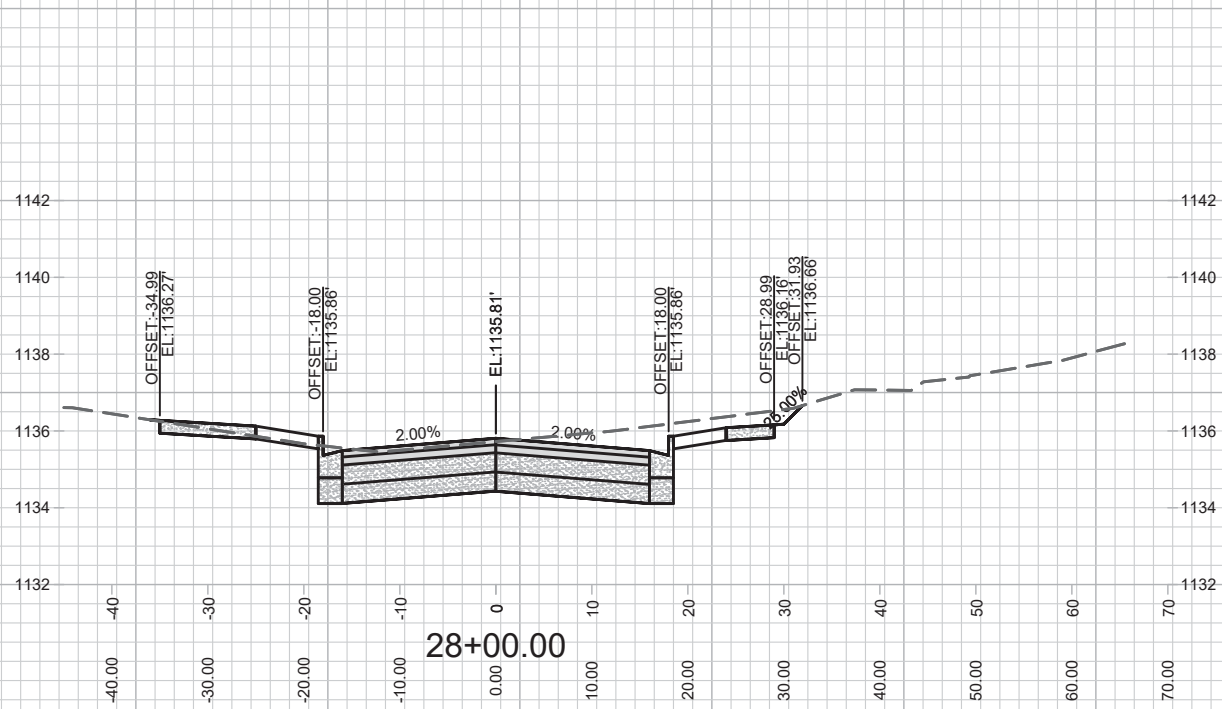
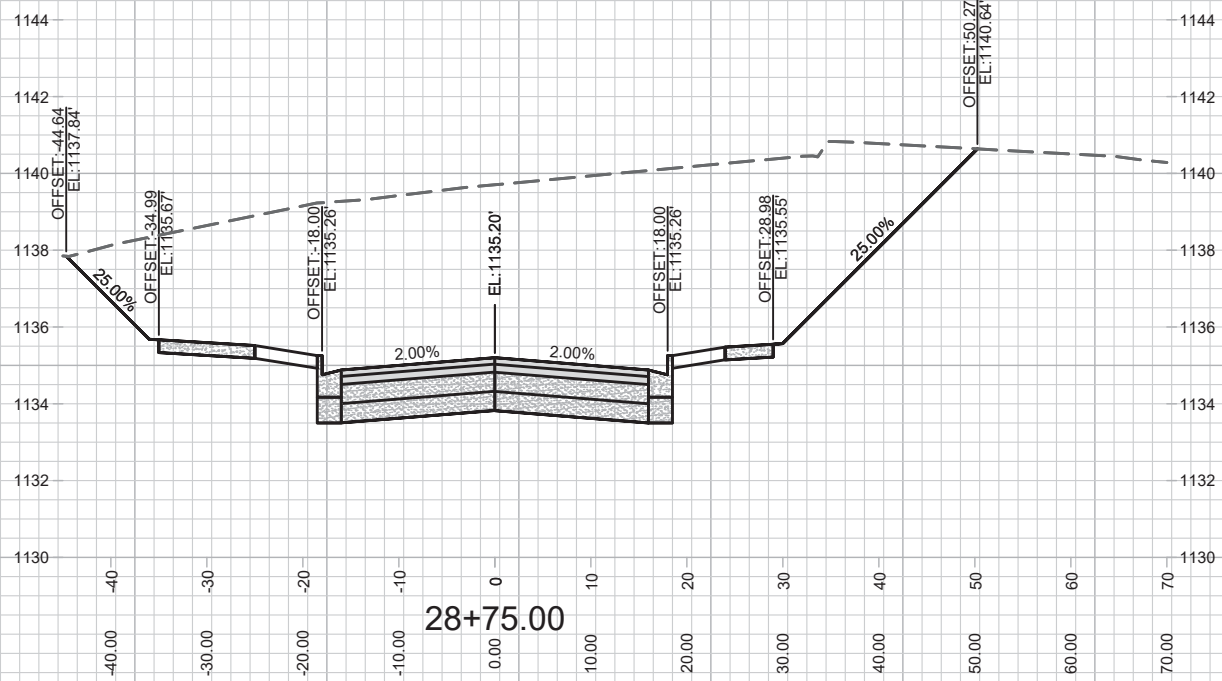
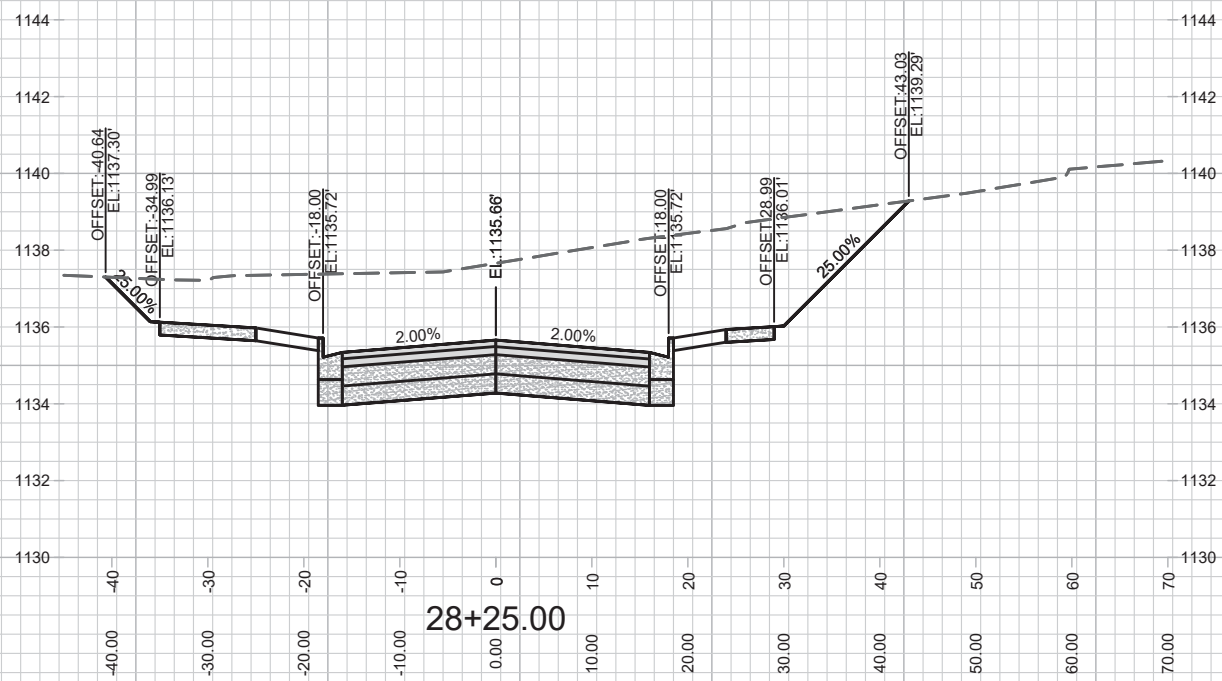


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12598
 MADISON, WI
 8392
 CONTRACT NO:

X-7 SCHEWE RD NORTH CROSS SECTION
 POPE FARM ESTATES
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12598
 X-7



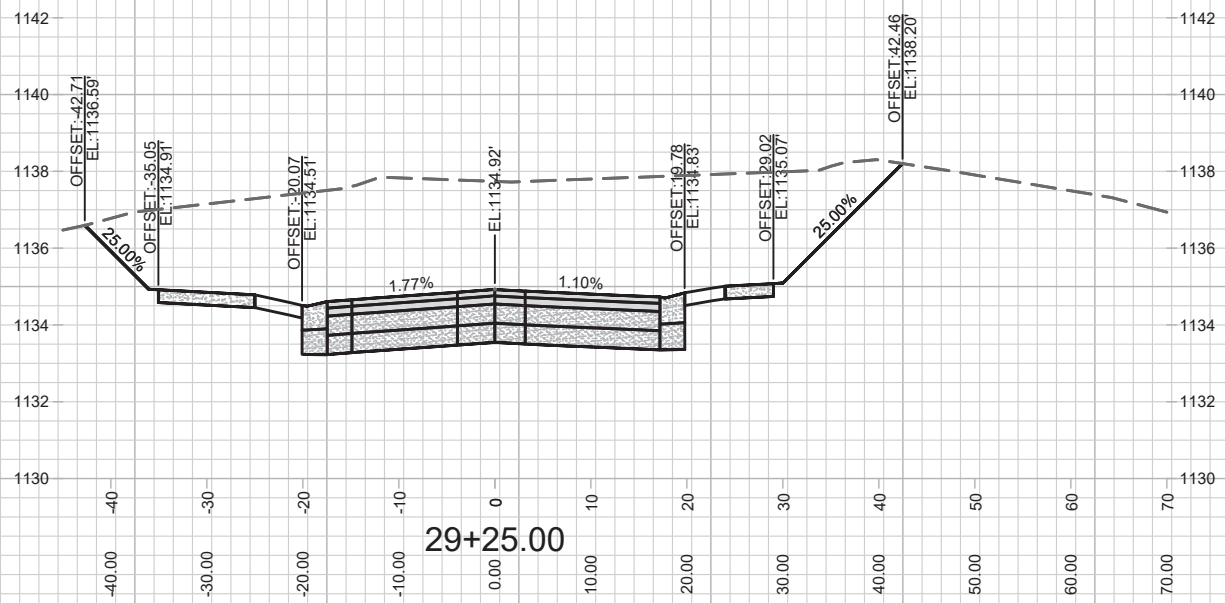
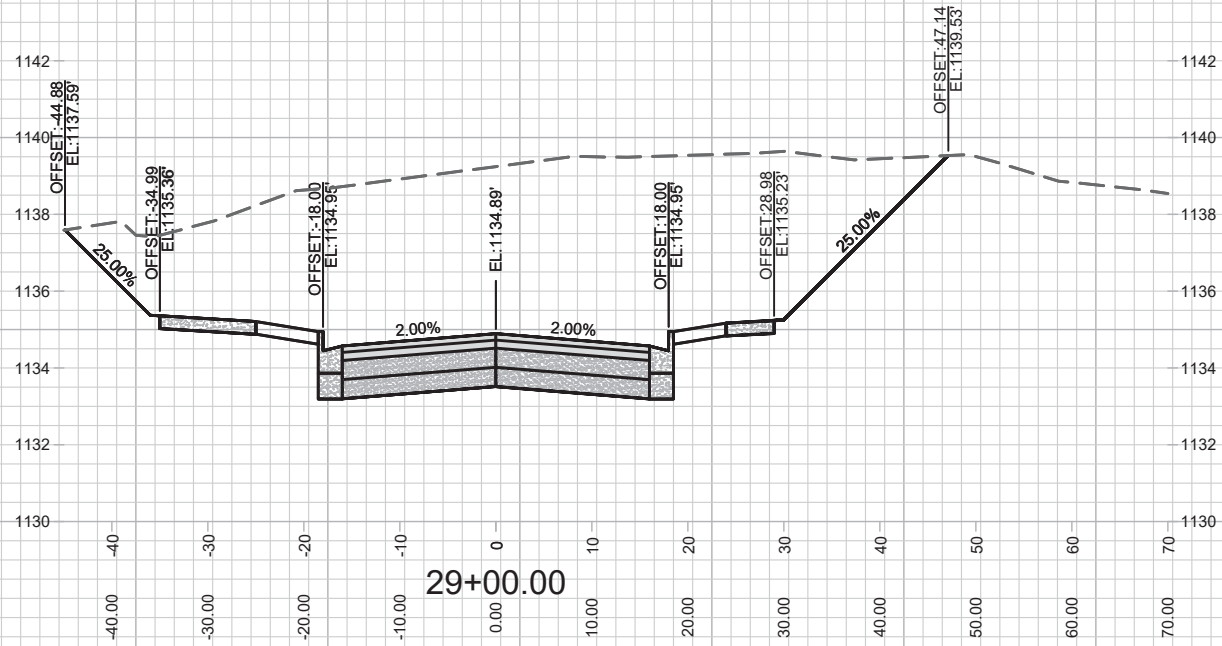
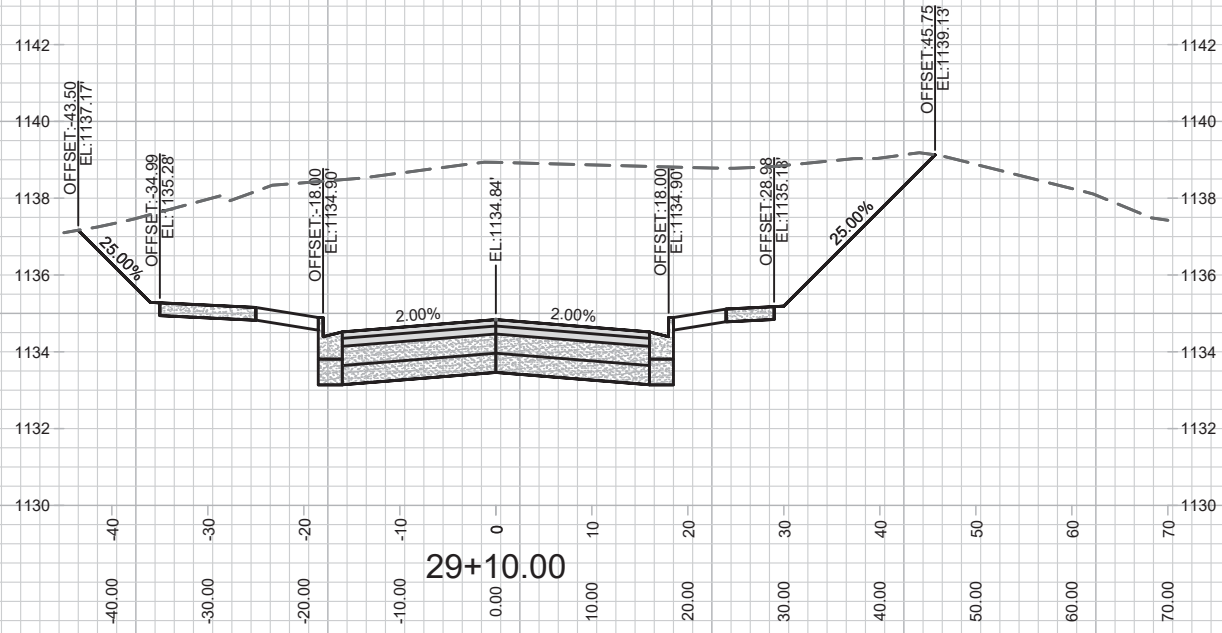
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CONTRACT NO: 8392		X-8	

12598
MADISON, WI
CONTRACT NO: 8392

X-8 SCHEWE RD NORTH CROSS SECTION
POPE FARM ESTATES
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12598
X-8



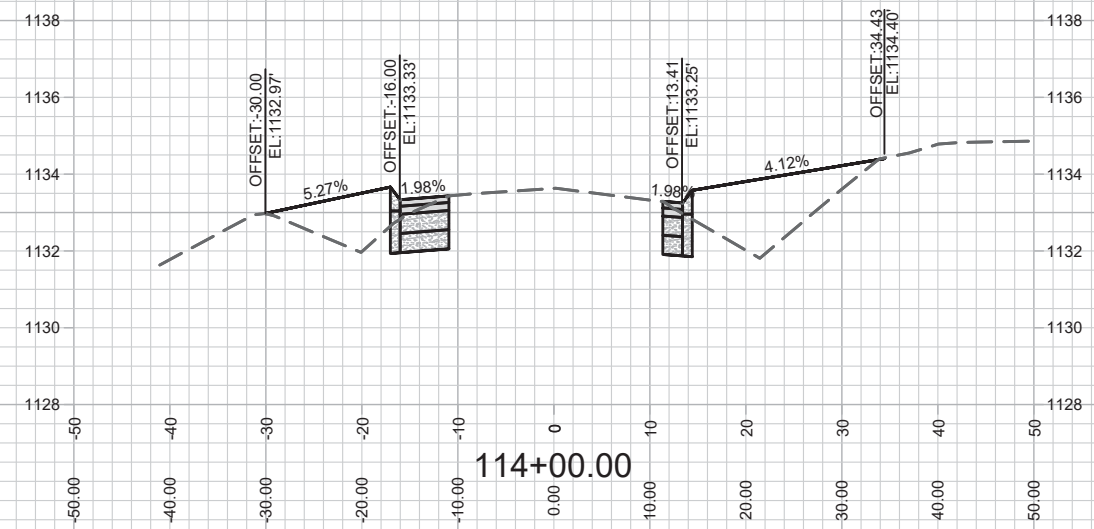
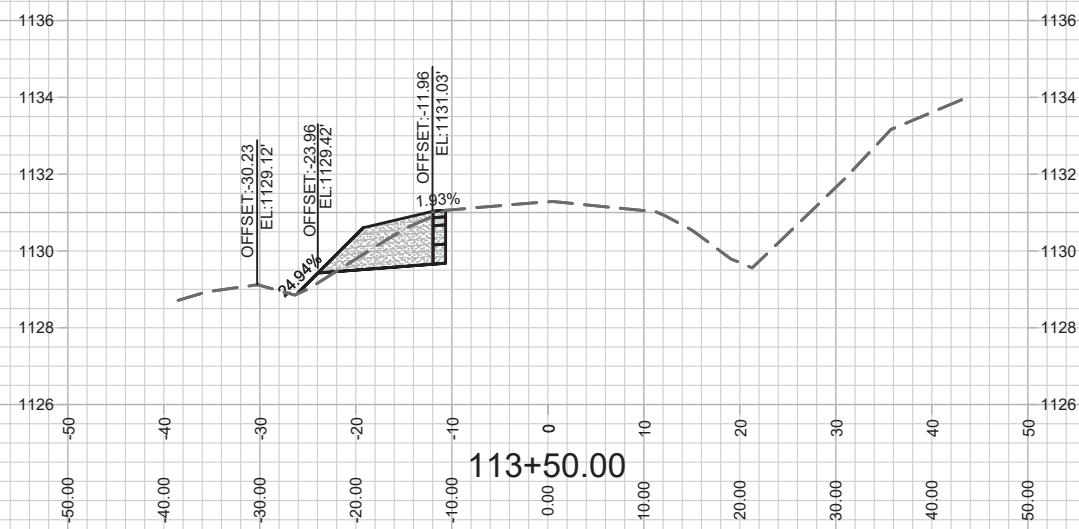
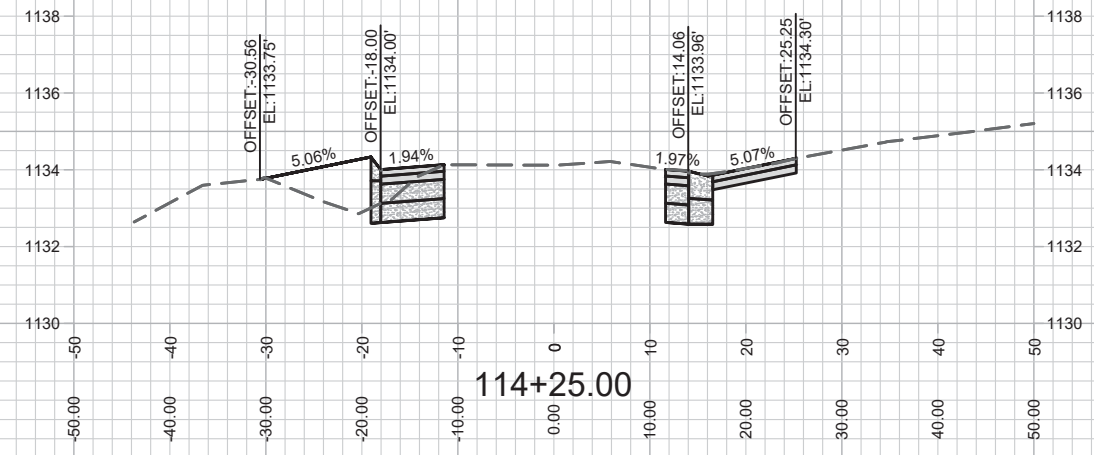
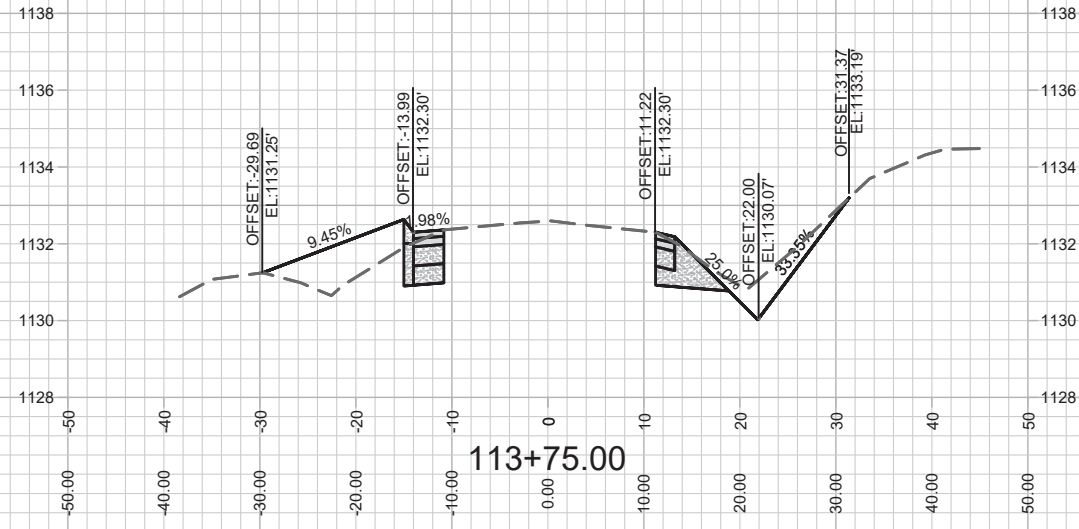
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12598
MADISON, WI
8392
CONTRACT NO:

X-9 SCHEWE RD NORTH CROSS SECTION
POPE FARM ESTATES
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12598
X-9



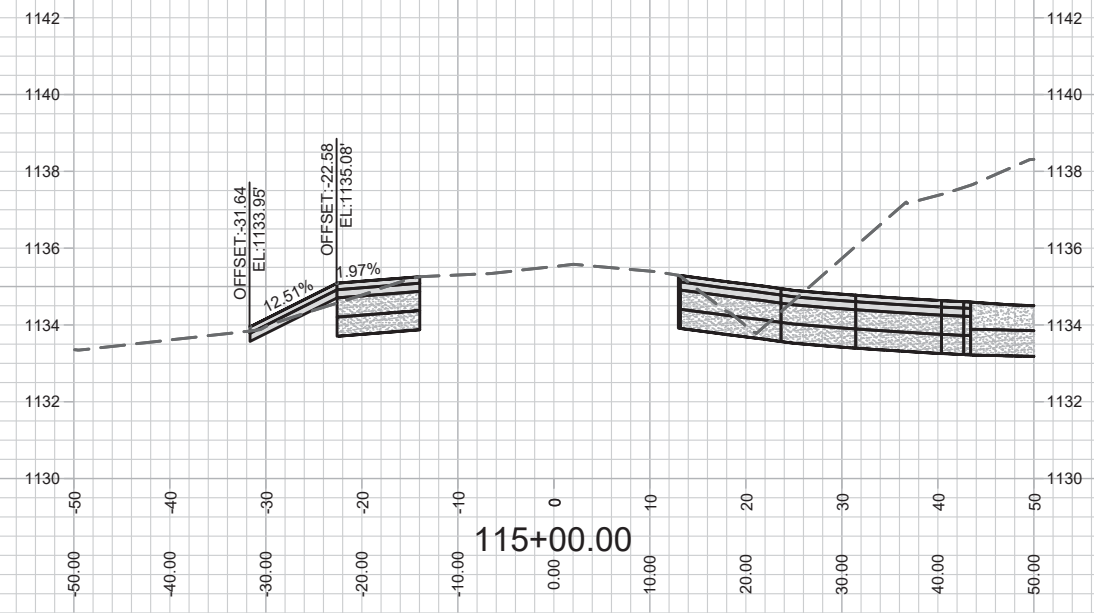
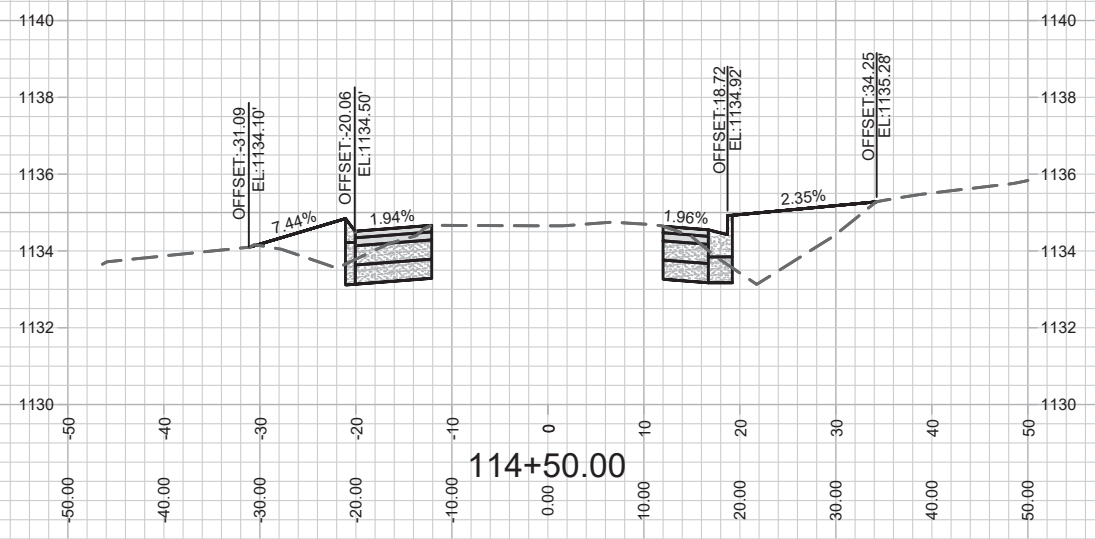
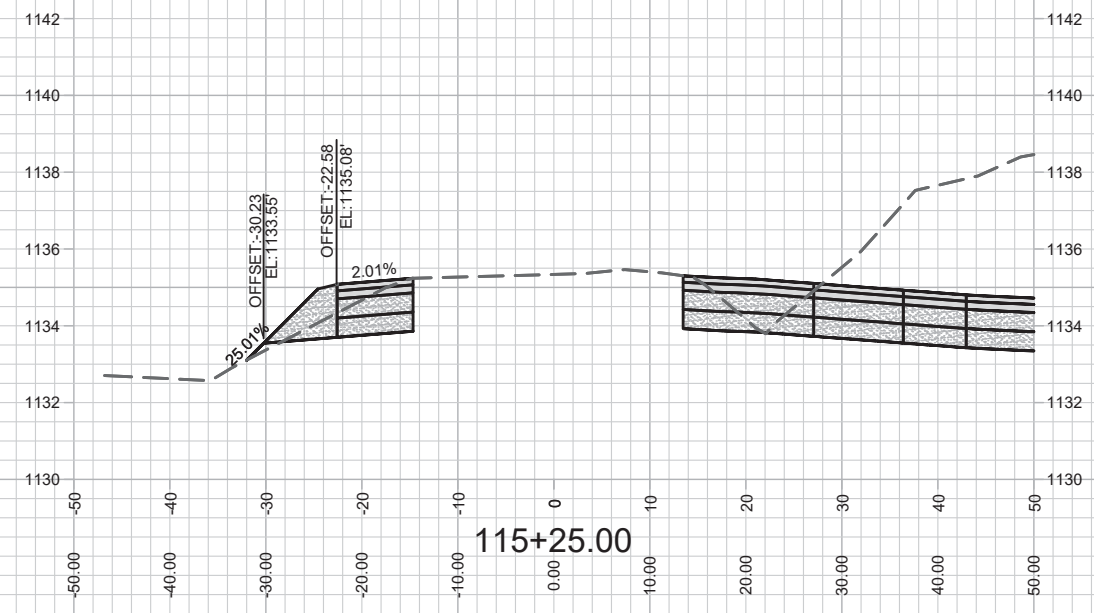
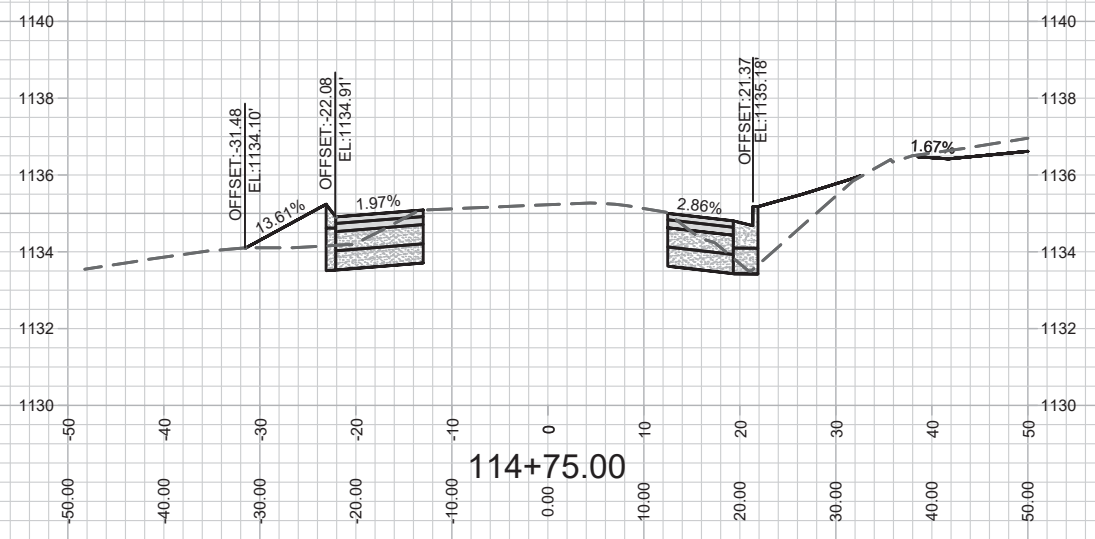
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12598
 MADISON, WI
 8392
 CONTRACT NO:

X-10 BLACKHAWK RD CROSS SECTION
 POPE FARM ESTATES
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12598
 X-10



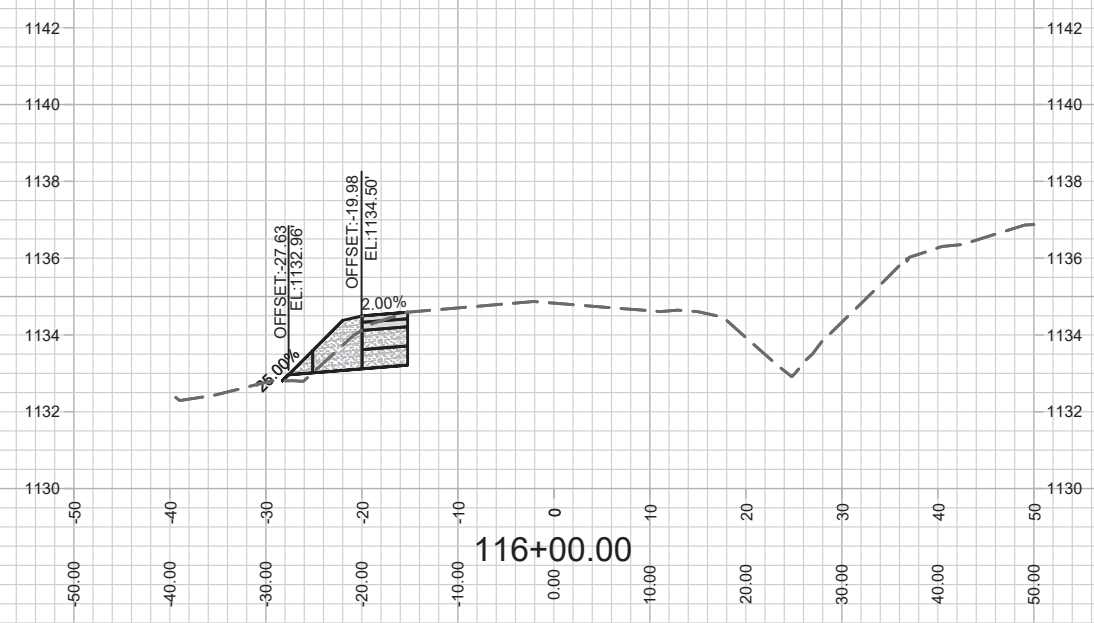
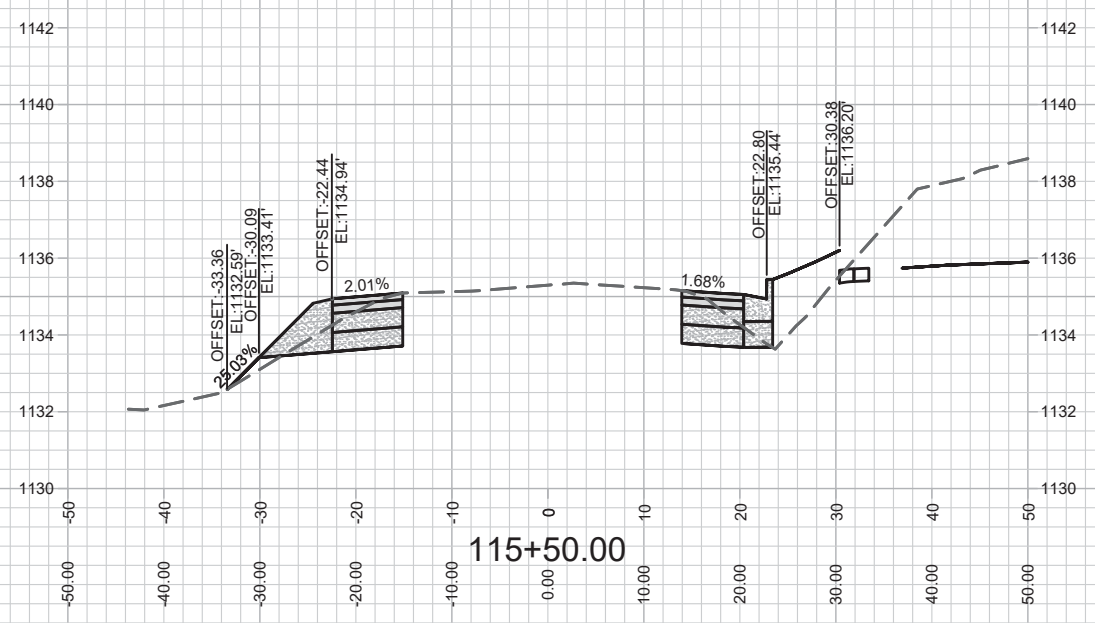
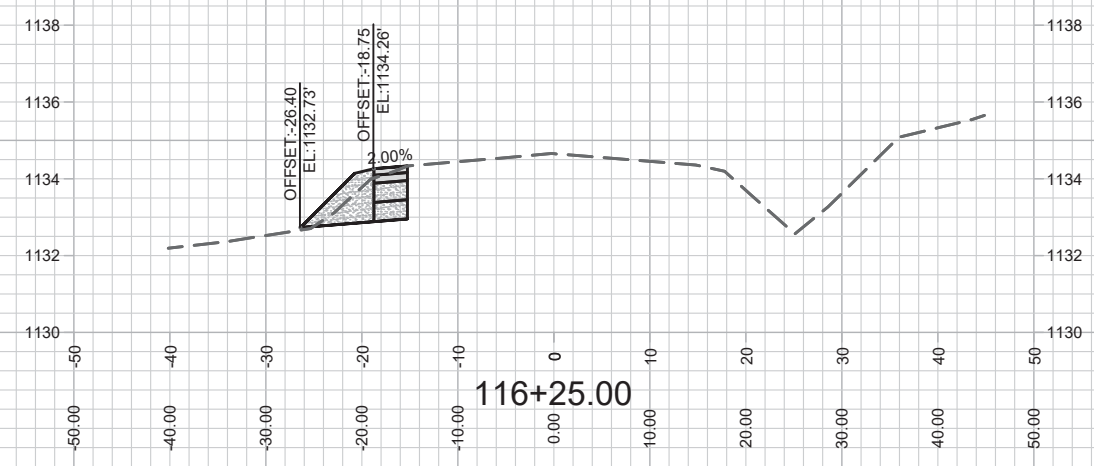
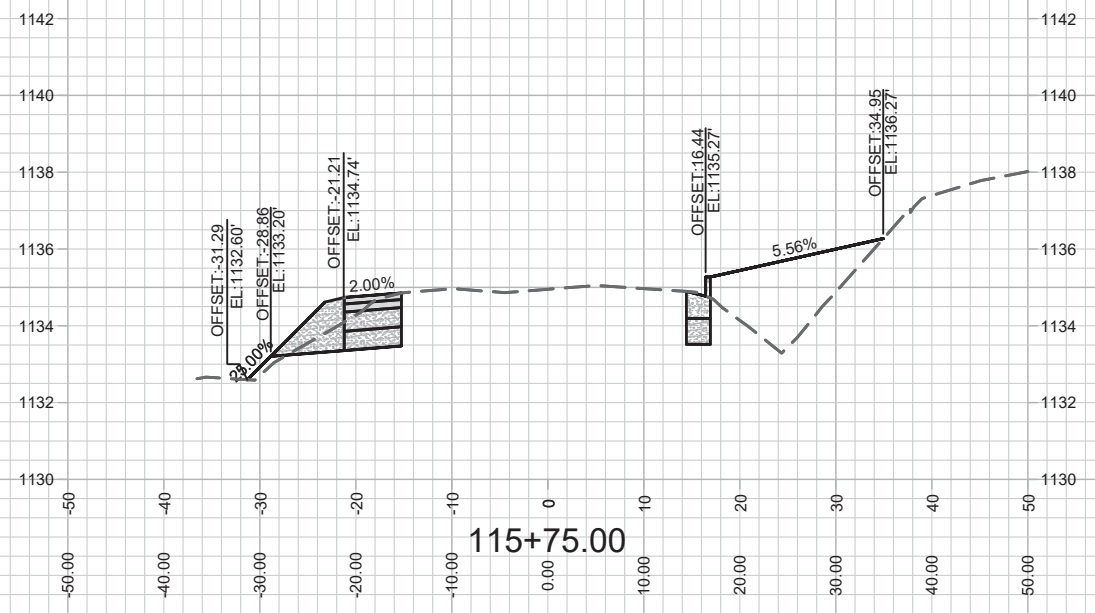
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12598
MADISON, WI
8392
CONTRACT NO:

X-11 BLACKHAWK RD CROSS SECTION
POPE FARM ESTATES
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12598
X-11



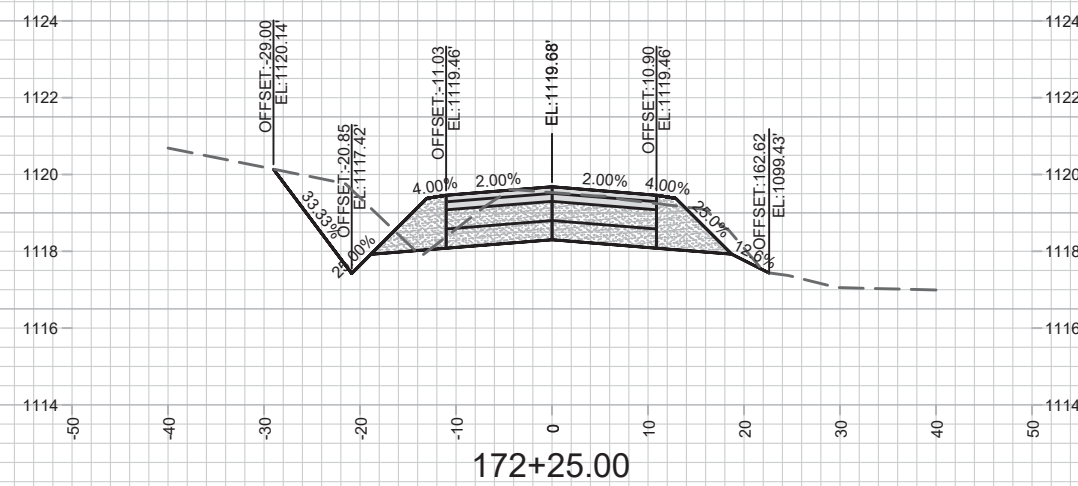
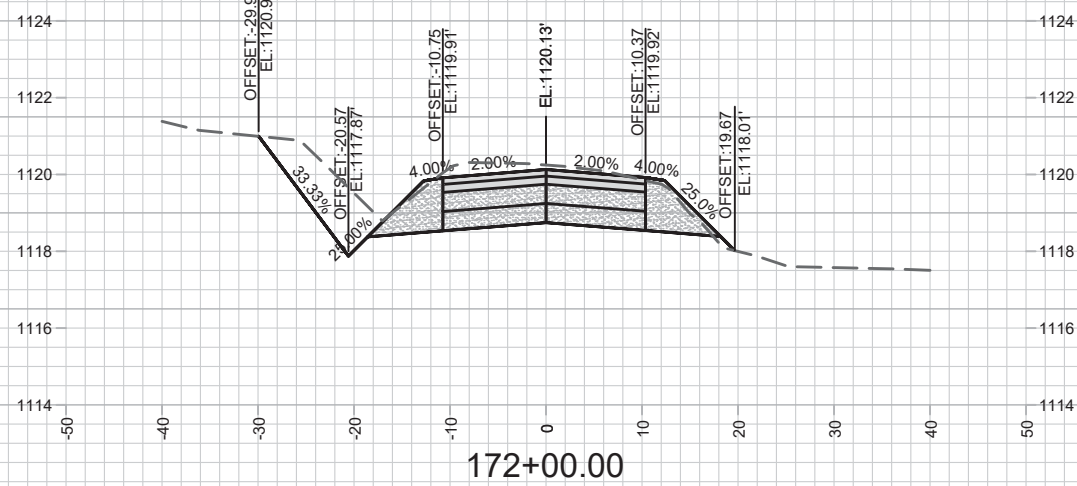
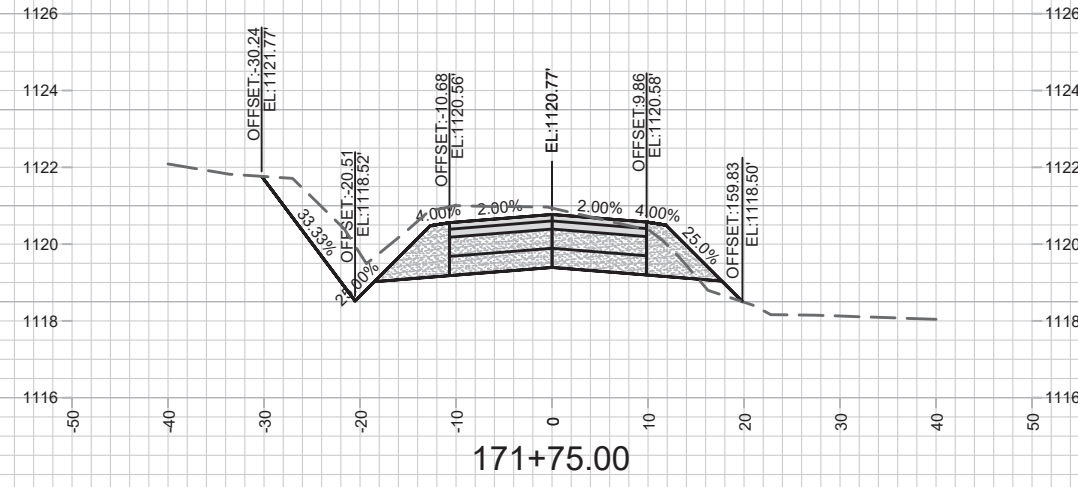
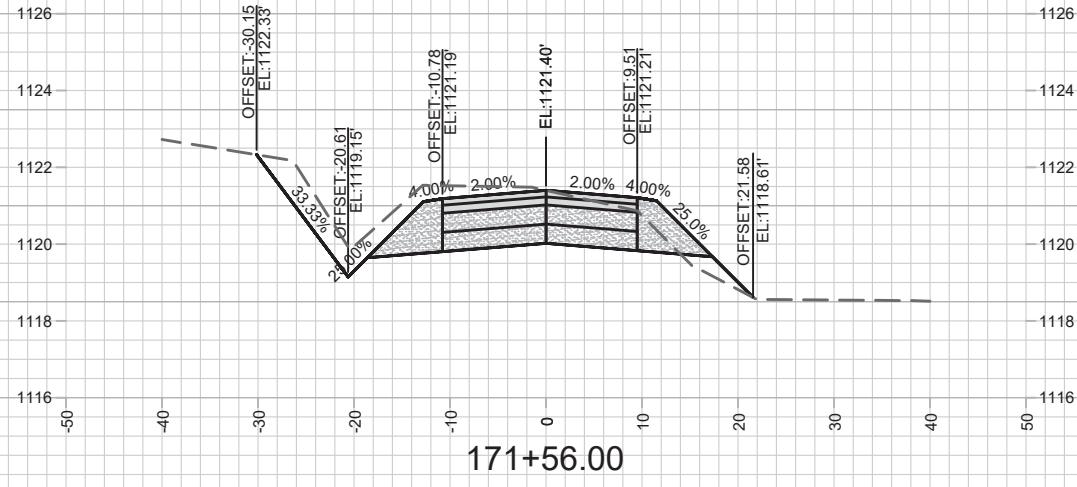
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12598
MADISON, WI
8392
CONTRACT NO:

X-12 BLACKHAWK RD CROSS SECTION
POPE FARM ESTATES
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12598
X-12



MARK	REVISION	DATE	BY
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Designed By: JPS	Date: 3/28/2020 5:41 PM	Scale: 1" = 20'	X14
12598			

12598
MADISON, WI
8392
CONTRACT NO:

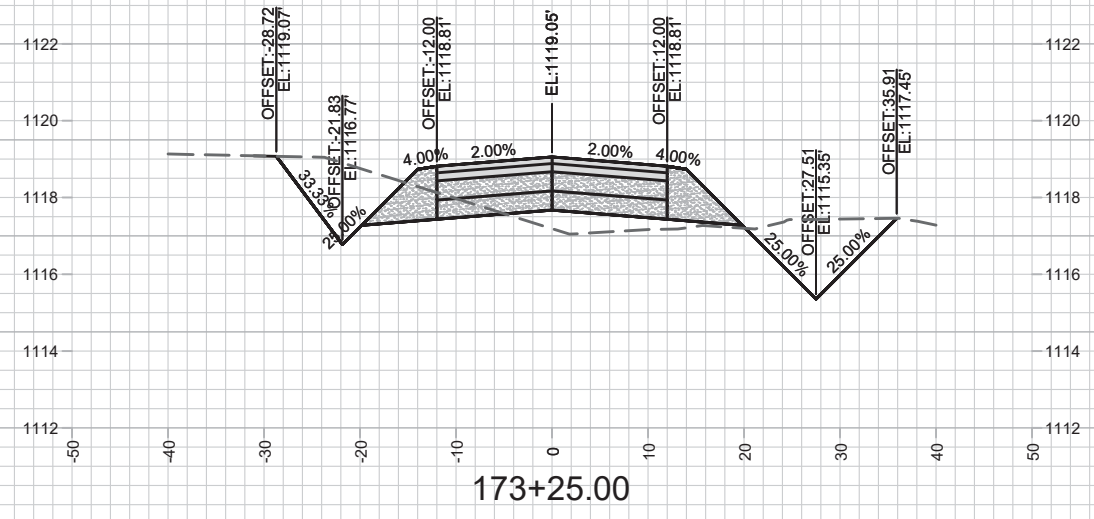
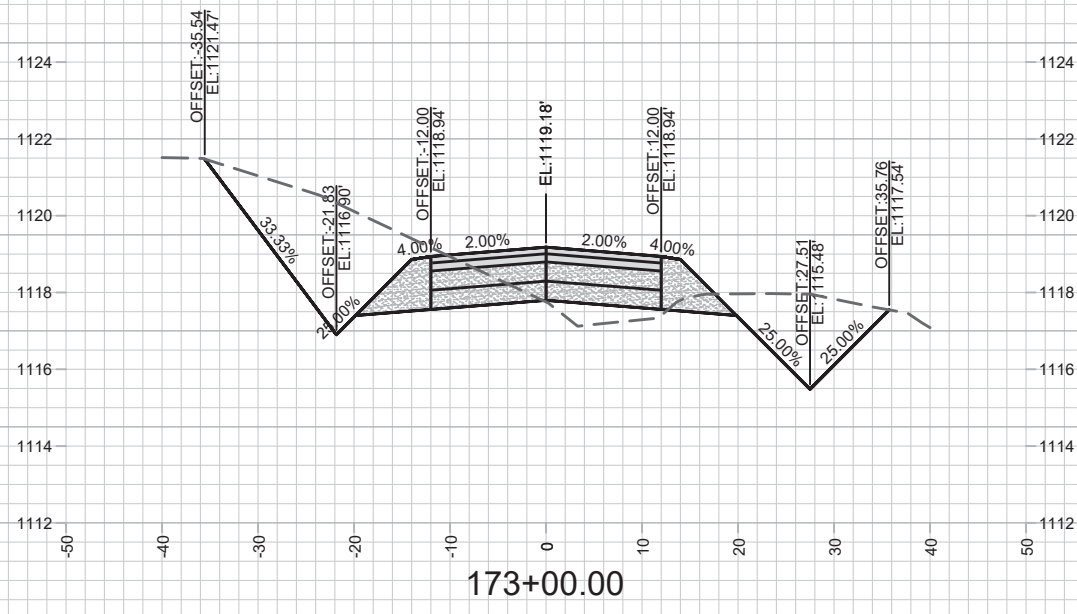
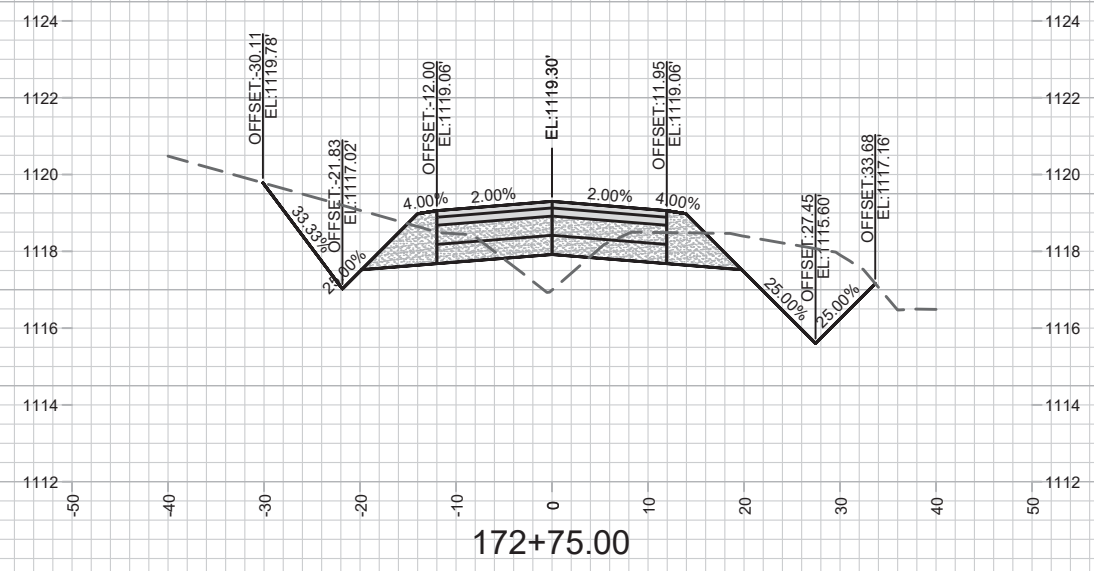
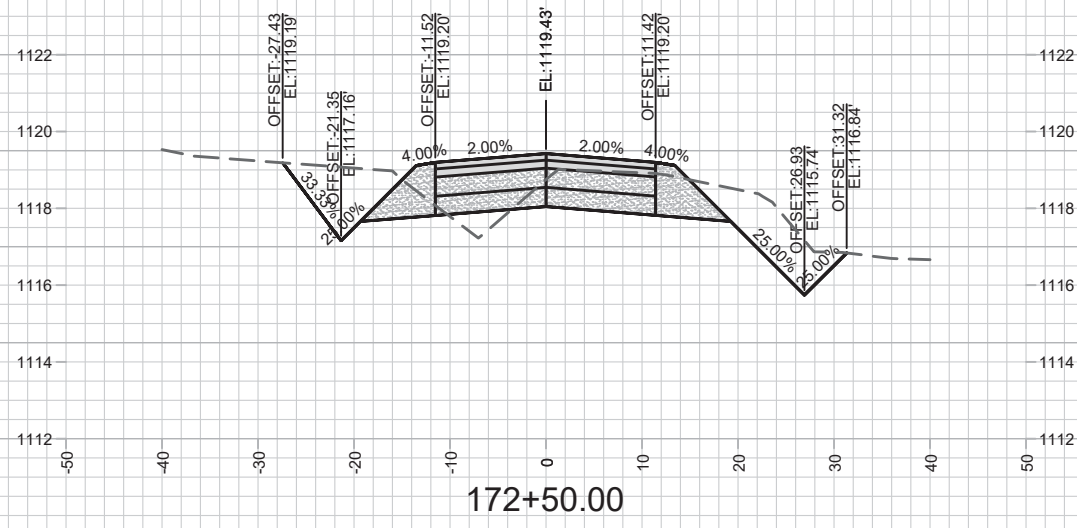
CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-STREET

POPE FARM ESTATES

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12598
X14



MARK	REVISION	DATE	BY
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12598
MADISON, WI
8392
CONTRACT NO:

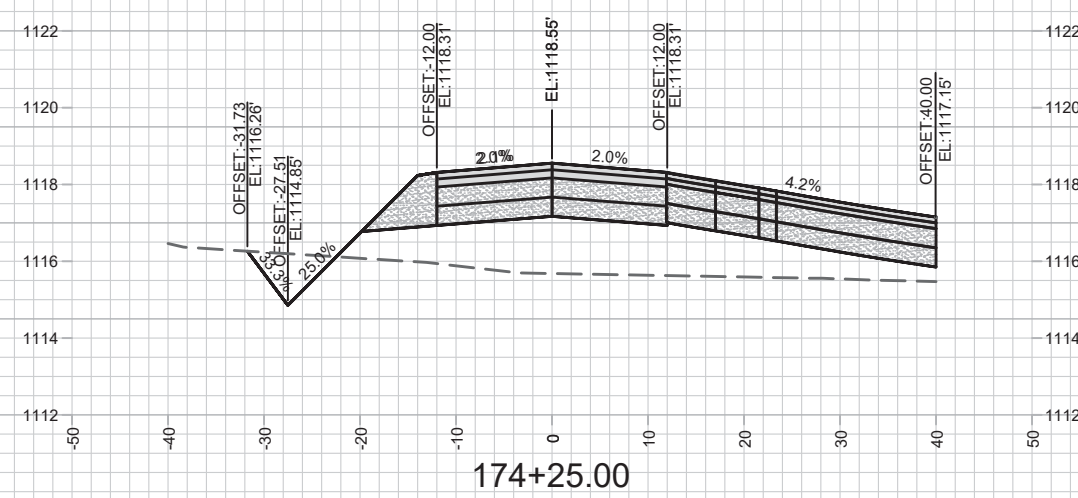
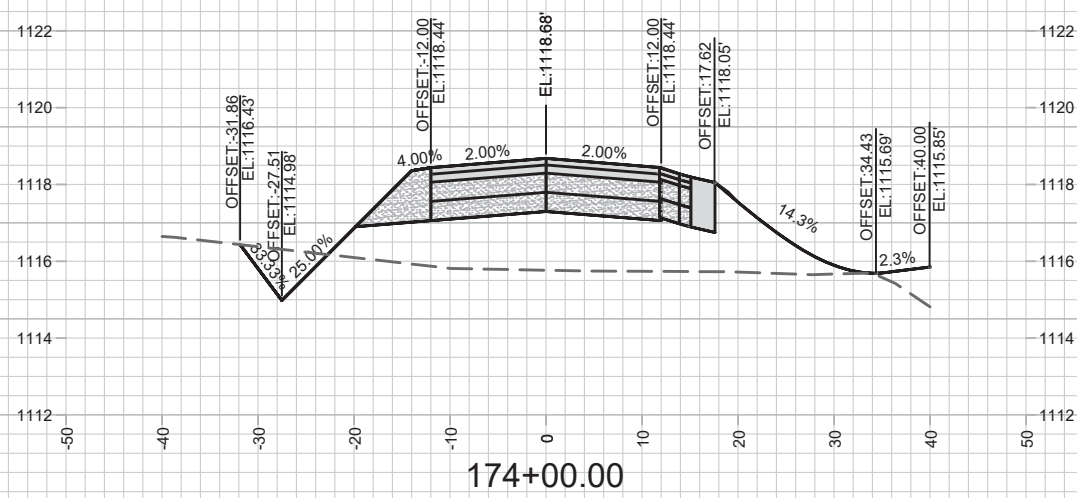
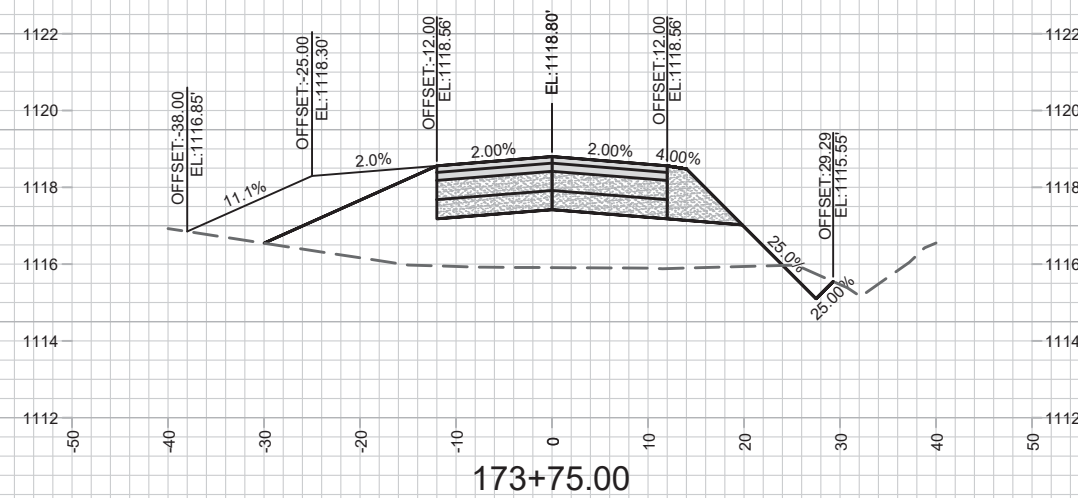
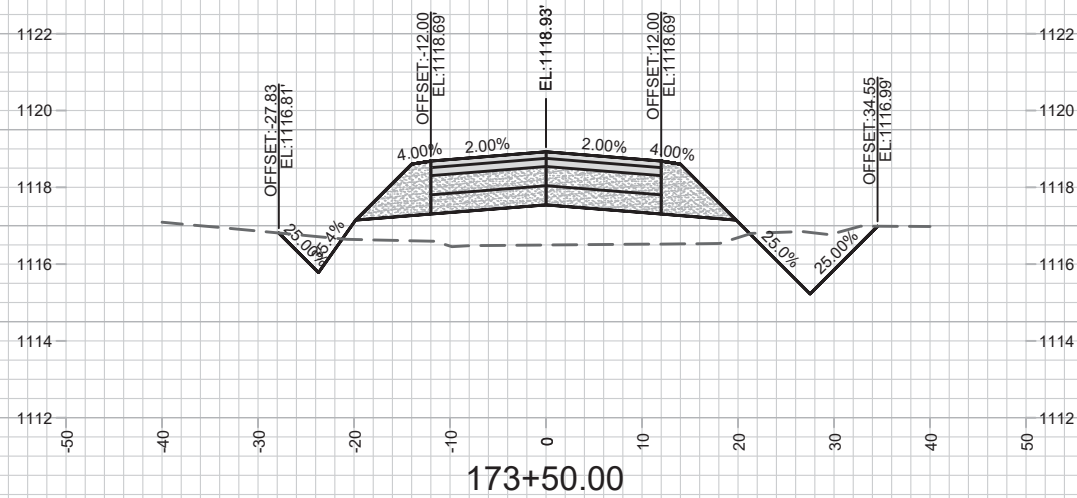
CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-STREET

POPE FARM ESTATES



12598
X15

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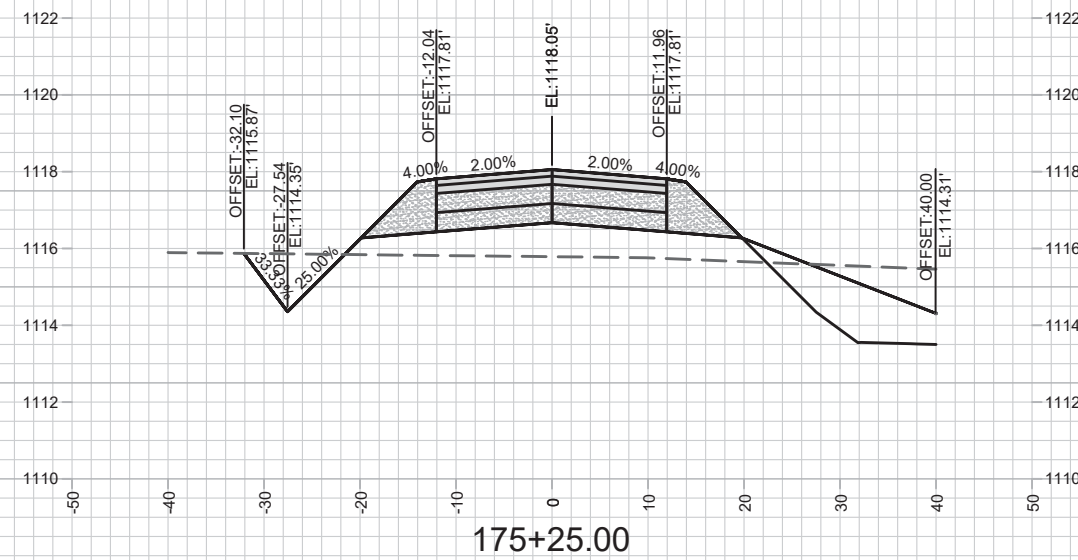
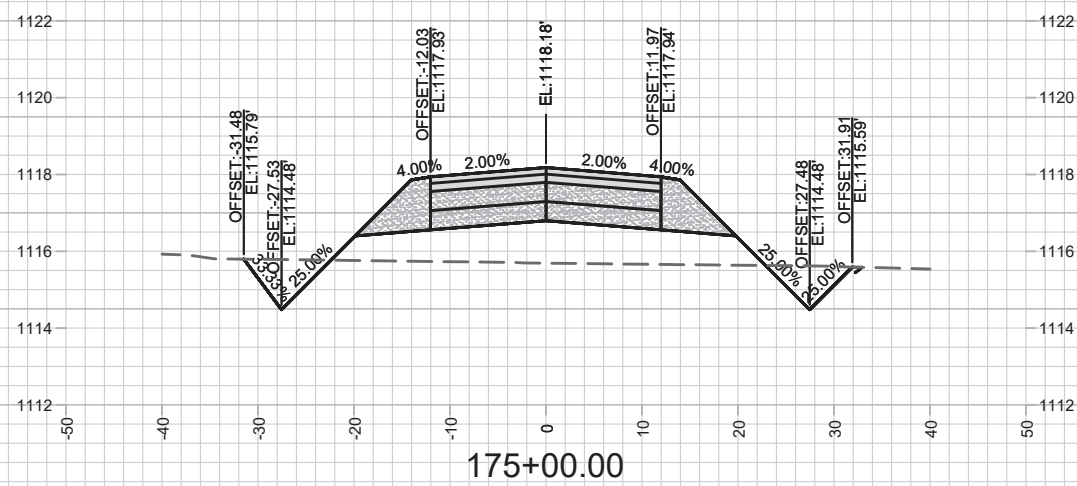
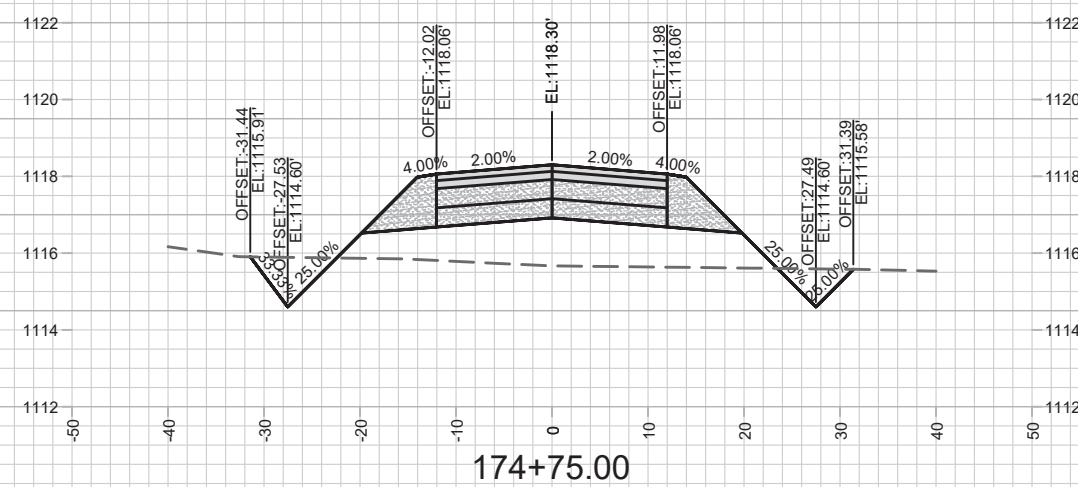
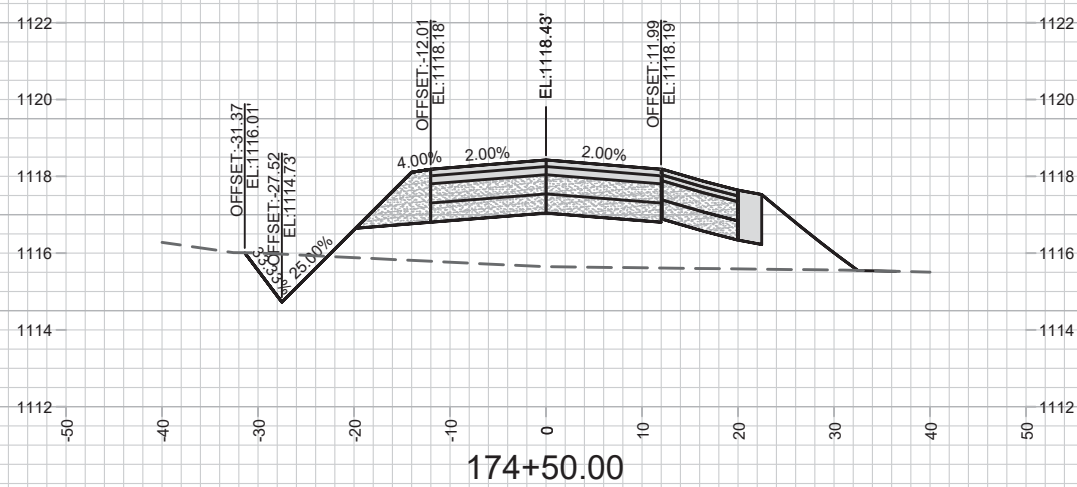


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12598			X16

CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-STREET 12598
 POPE FARM ESTATES MADISON, WI
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12598
X16

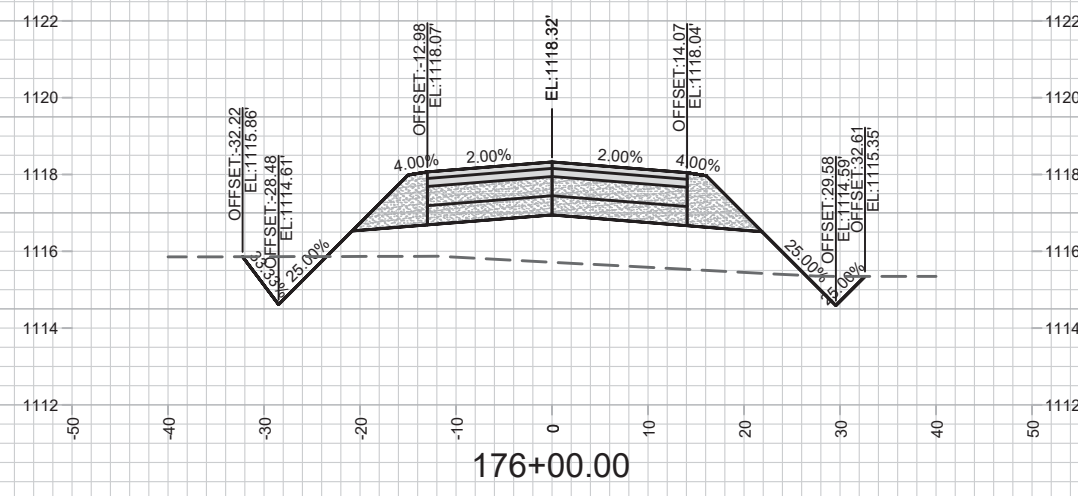
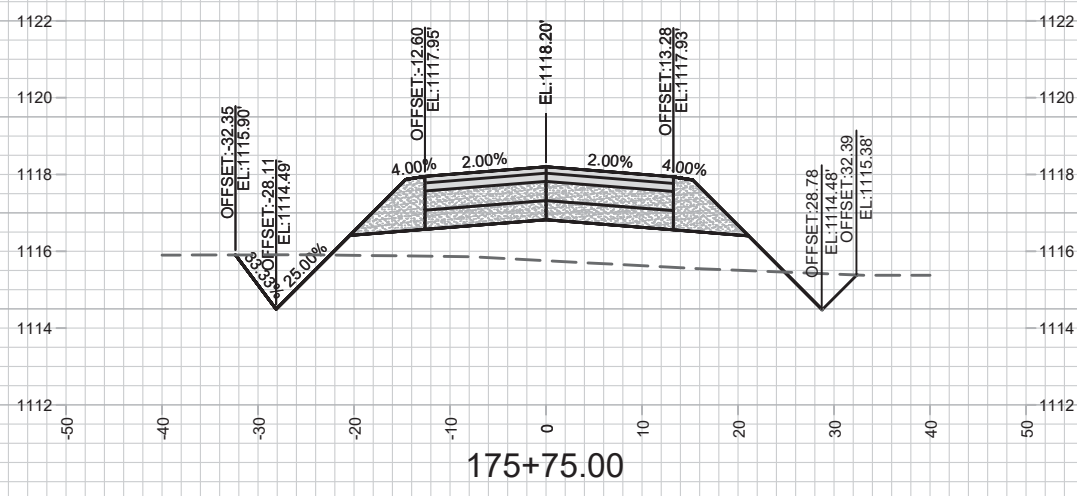
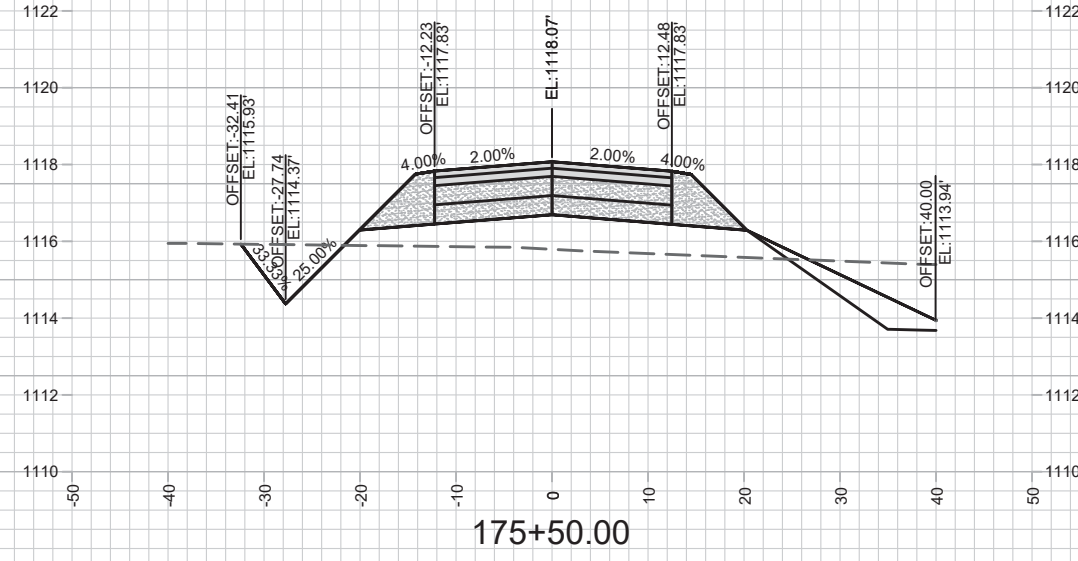
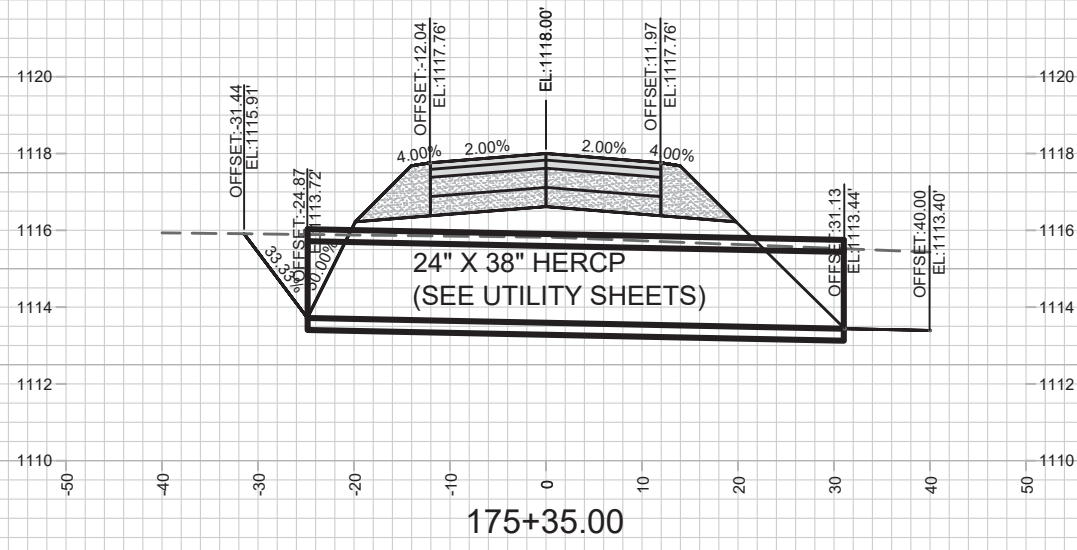


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Designed By: JPS		Date: 3/5/2020 8:49 PM	Scale: 1" = 20'
12598			X17

CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-STREET
 POPE FARM ESTATES
 MADISON, WI
 12598
 8392
 CONTRACT NO:



12598
 X17



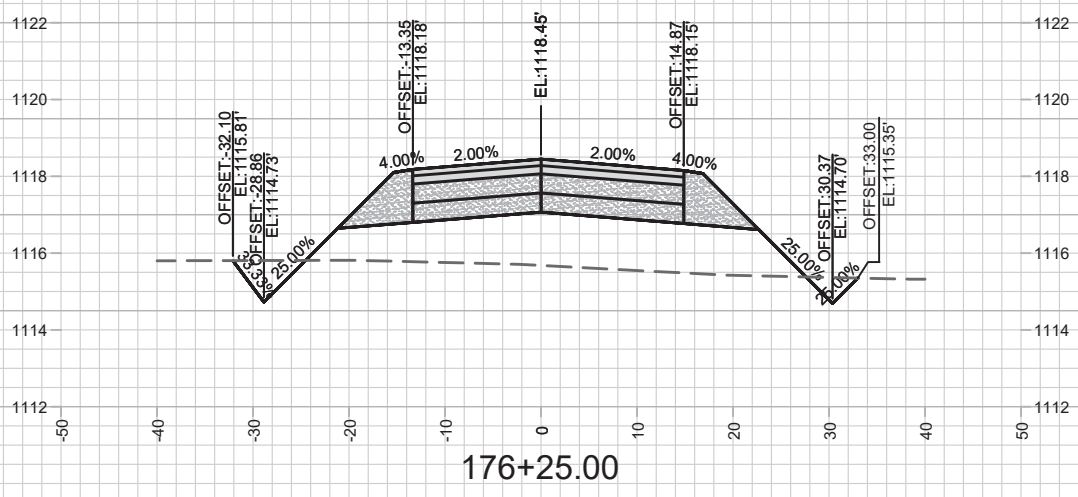
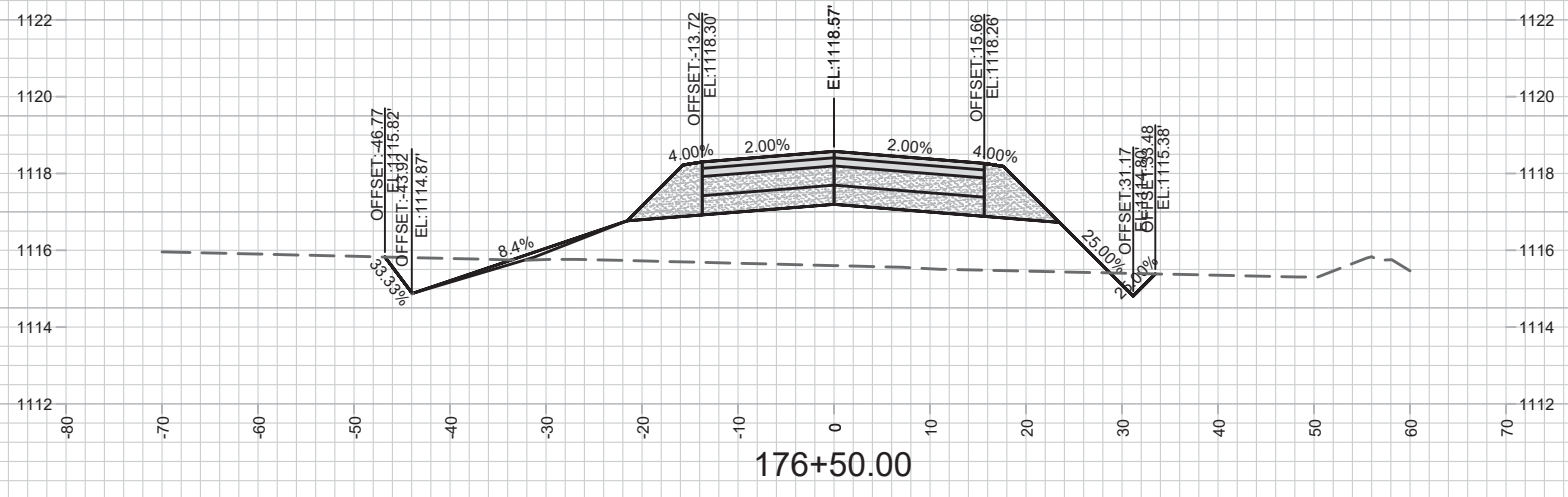
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Designed By: JPS	Date: 3/5/2020 8:50 PM	Scale: 1" = 20'	X18
12598	8392		

12598
MADISON, WI
8392

CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-STREET
POPE FARM ESTATES
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CONTRACT NO:



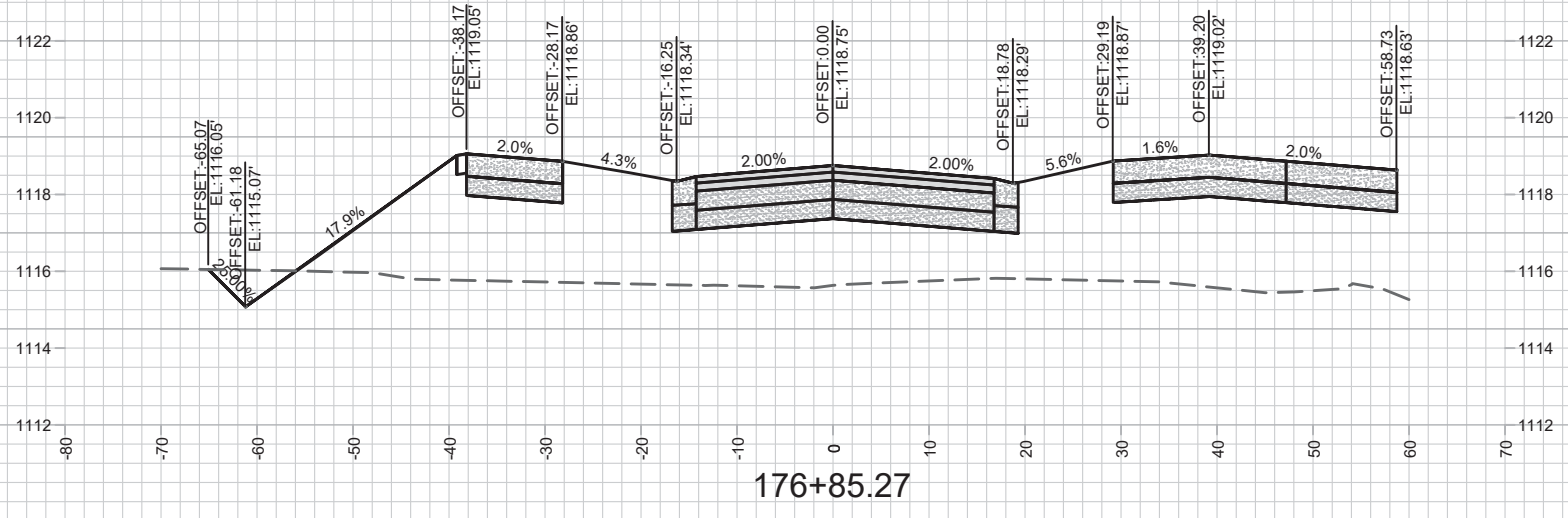
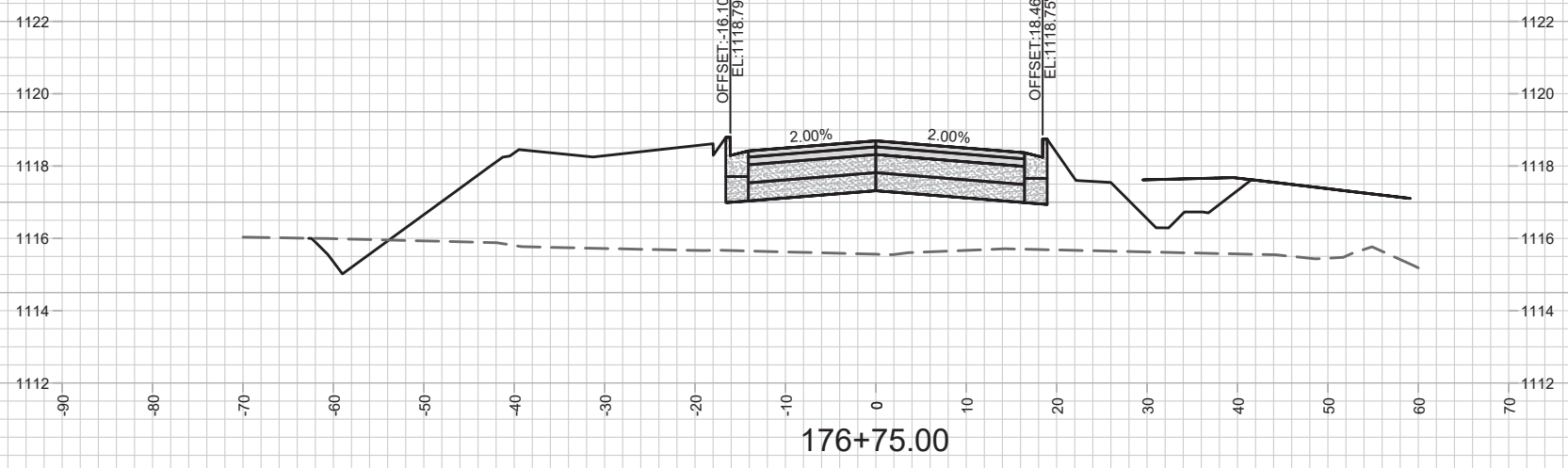
12598
X18



12598
X19

CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-STREET
 POPE FARM ESTATES
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 12598
 MADISON, WI
 8392
 CONTRACT NO:

MARK	REVISION	DATE	BY
	REVISION 2	03-05-20	JPS
Designed By: JPS	Date: 3/5/2020 8:50 PM	Scale: 1" = 20'	X19



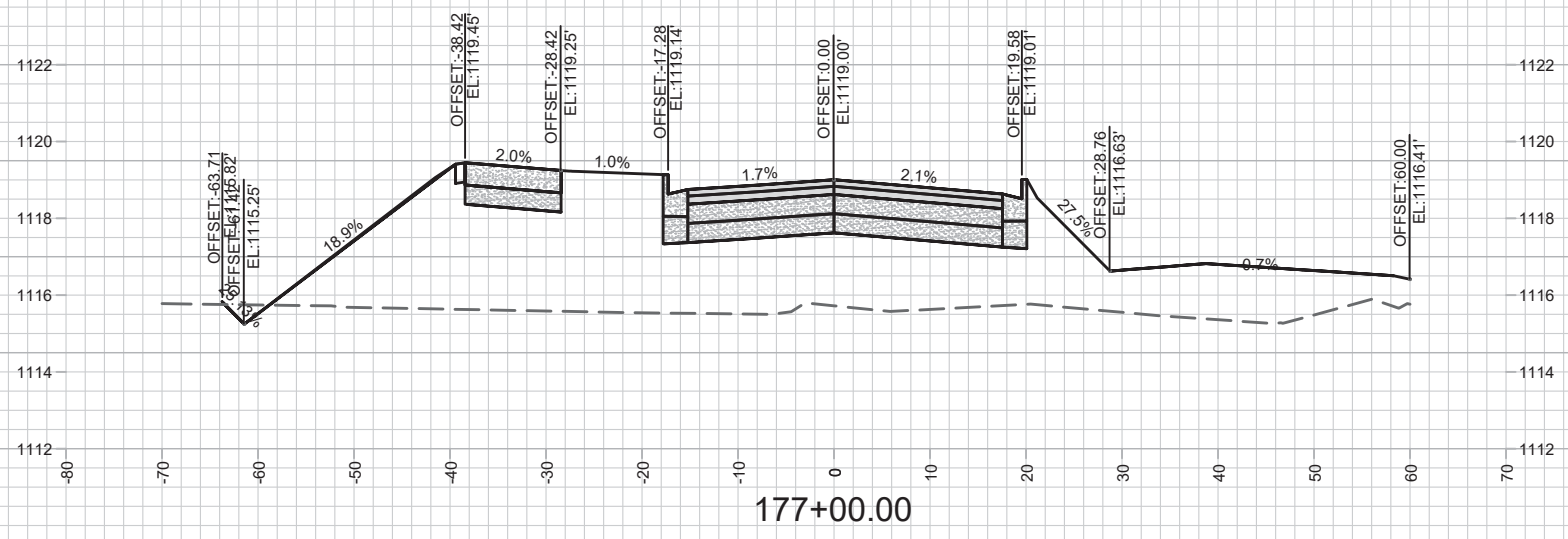
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	REVISION 2	03-05-20	JPS
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CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-S STREET
 POPE FARM ESTATES
 12598
 MADISON, WI
 8392
 CONTRACT NO:

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12598
 X20



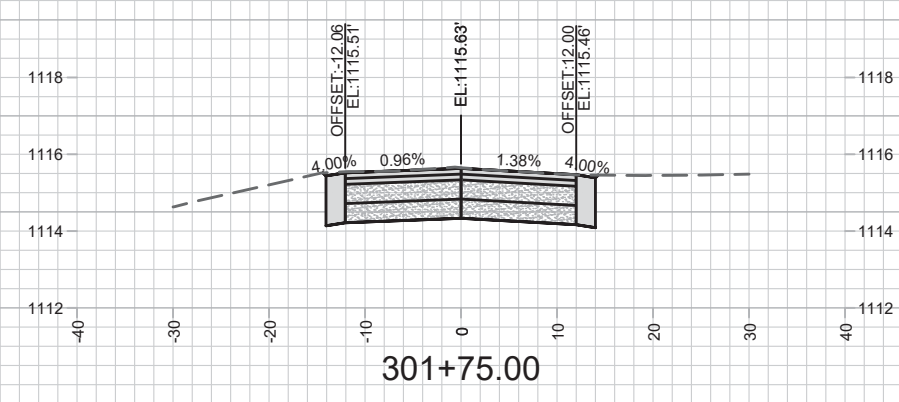
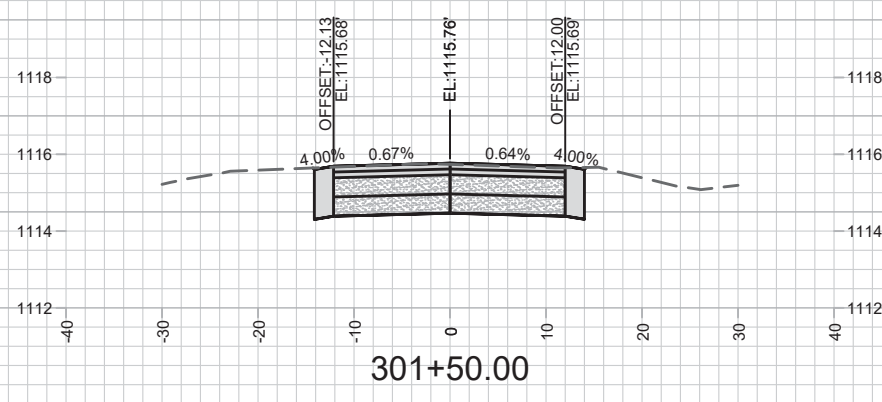
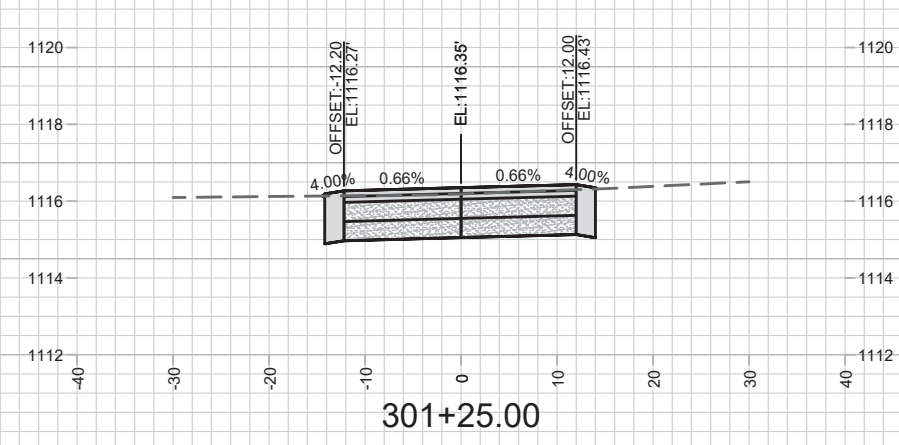
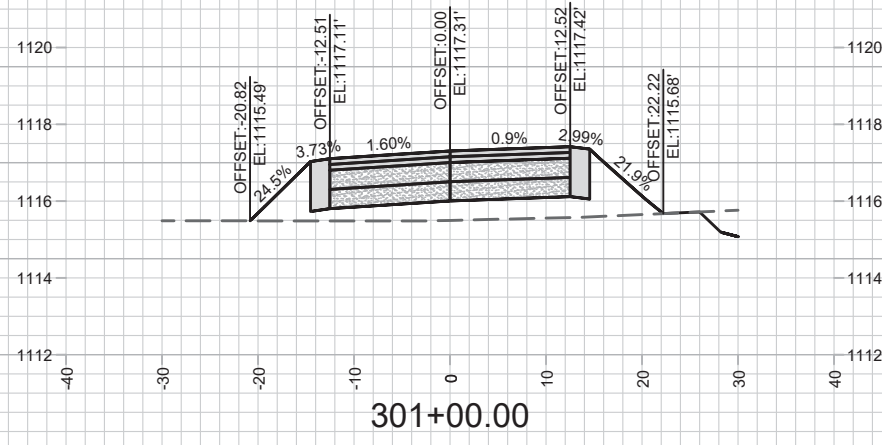
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X21

CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-STREET
POPE FARM ESTATES

12598
MADISON, WI
8392

MARK	REVISION	DATE	BY
	REVISION 2	03-05-20	JPS
Designed By: JPS		Date: 3/5/2020 8:50 PM	Scale: 1" = 20'
12598		X21	

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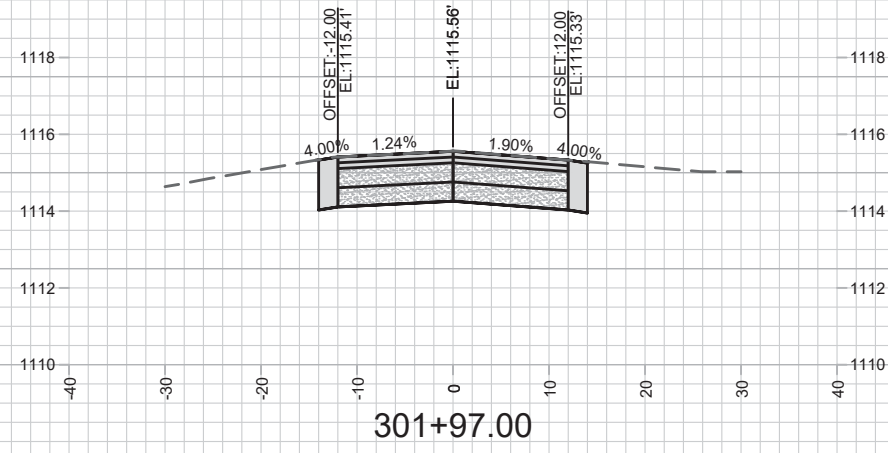


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	REVISION 2	03-05-20	JPS
Designed By: JPS	Date: 3/5/2020 8:50 PM	Scale: 1" = 20'	X22

CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-DRIVEWAY
 POPE FARM ESTATES
 MADISON, WI
 12598
 8392
 CONTRACT NO:



12598
 X22



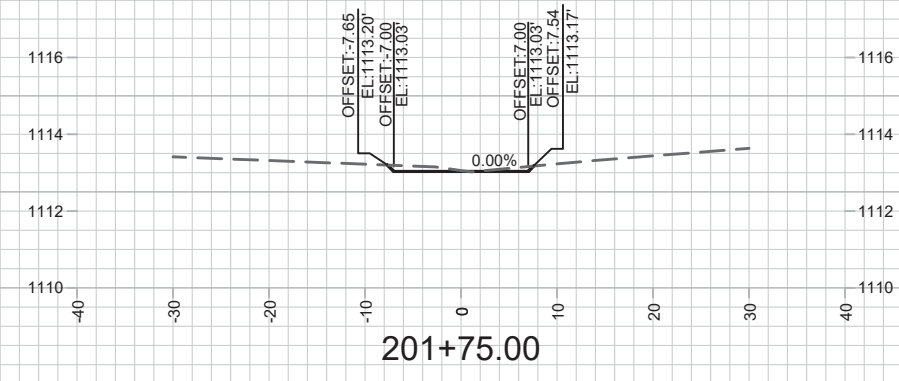
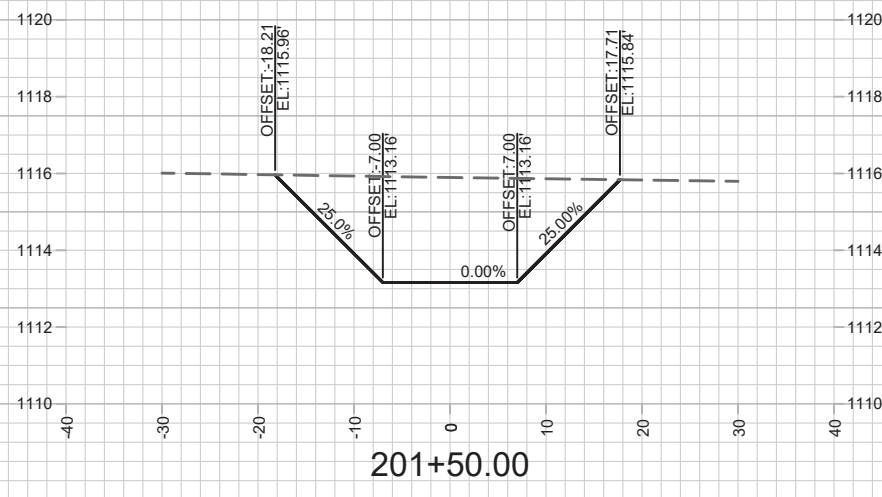
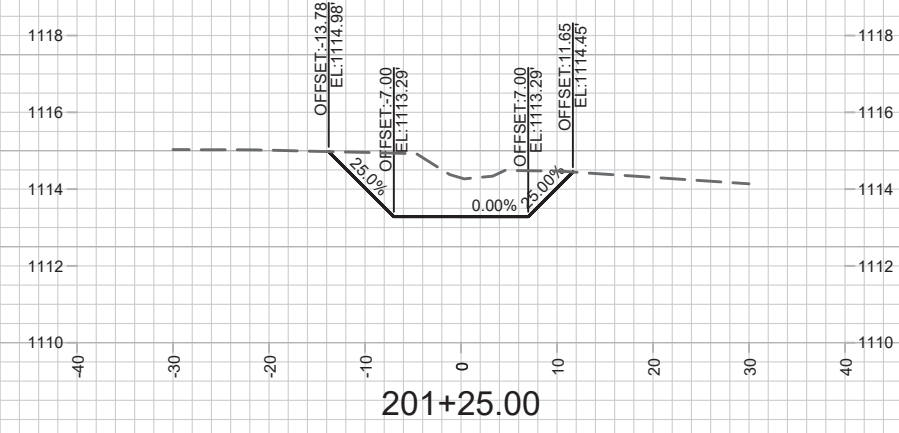
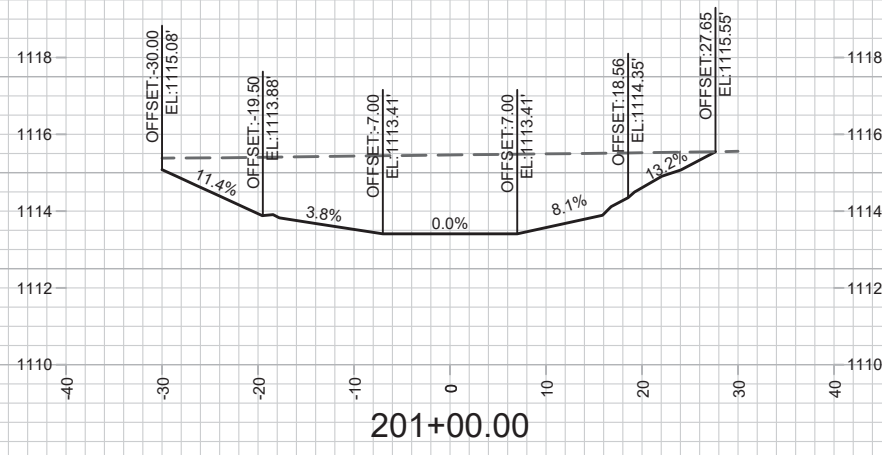
12598
X23

CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-DRIVEWAY
POPE FARM ESTATES

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12598
MADISON, WI
8392
CONTRACT NO:

MARK	DESIGNED BY: JFS	DATE	BY
REVISION 2	12598	03-05-20	JFS
REVISION	12598	3/5/2020 8:50 PM	JFS
Scale: 1" = 20'			X23



MARK	REVISION	DATE	BY
	REVISION 2	03-05-20	JFS
Designed By: JFS	Date: 3/5/2020 8:51 PM	Scale: 1" = 20'	X24

12598
MADISON, WI
8392

CROSS SECTIONS-SCHEWE ROAD SOUTH REALIGNMENT-DITCH

POPE FARM ESTATES

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CONTRACT NO:



12598
X24

POPE FARM ESTATES
 PROJ. NO. 12598, CONT. NO. 8392

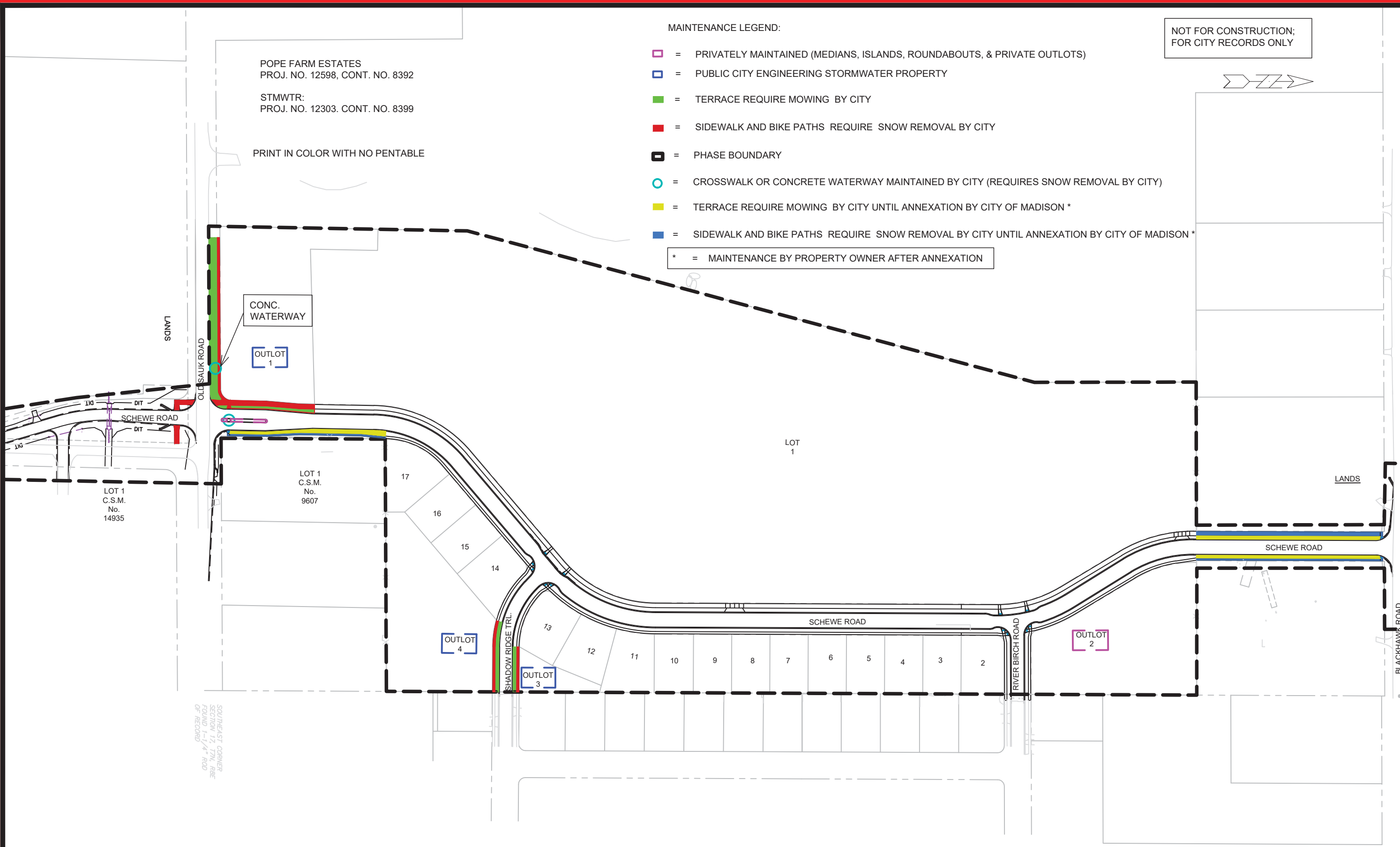
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PRINT IN COLOR WITH NO PENTABLE

MAINTENANCE LEGEND:

- = PRIVATELY MAINTAINED (MEDIANS, ISLANDS, ROUNDABOUTS, & PRIVATE OUTLOTS)
- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- = PHASE BOUNDARY
- = CROSSWALK OR CONCRETE WATERWAY MAINTAINED BY CITY (REQUIRES SNOW REMOVAL BY CITY)
- = TERRACE REQUIRE MOWING BY CITY UNTIL ANNEXATION BY CITY OF MADISON *
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY UNTIL ANNEXATION BY CITY OF MADISON *
- * = MAINTENANCE BY PROPERTY OWNER AFTER ANNEXATION

NOT FOR CONSTRUCTION;
 FOR CITY RECORDS ONLY



SOUTHEAST CORNER
 SECTION 17, T2N, R8E
 R1/4, S1/4, SW1/4
 OF RECORD

FILE LOCATION:
 M:\DESIGN\Projects\12598ph2\CAD\Streets\12598EN-Maintenace.dwg

MARK	REVISION	DATE	BY
12598		2/28/2020	

12598
 MADISON, WI
 CONTRACT NO: 8392

MAINTENANCE MAP
 POPE FARM ESTATES
 CITY OF MADISON



12598
 MN-1