



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

VILLAGE AT AUTUMN LAKE: PHASE 11

CITY PROJECT NO. 13303
CONTRACT NO. 8976

INDEX OF SHEETS

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P1-P19	STREET PLAN & PROFILES
U1-U13	UTILITY PLAN & PROFILES
USAN	SANITARY SEWER SCHEDULE
USTM1-2	STORM SEWER SCHEDULE
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MN-1	MAINTENANCE PLAN

PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 16, 2021

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

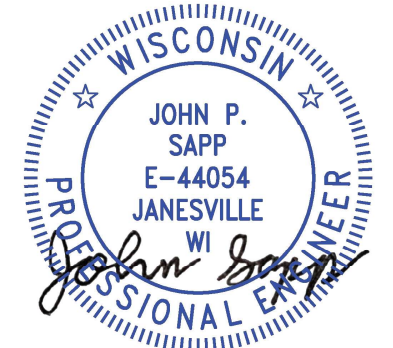
Greg Fries

Apr 23, 2021

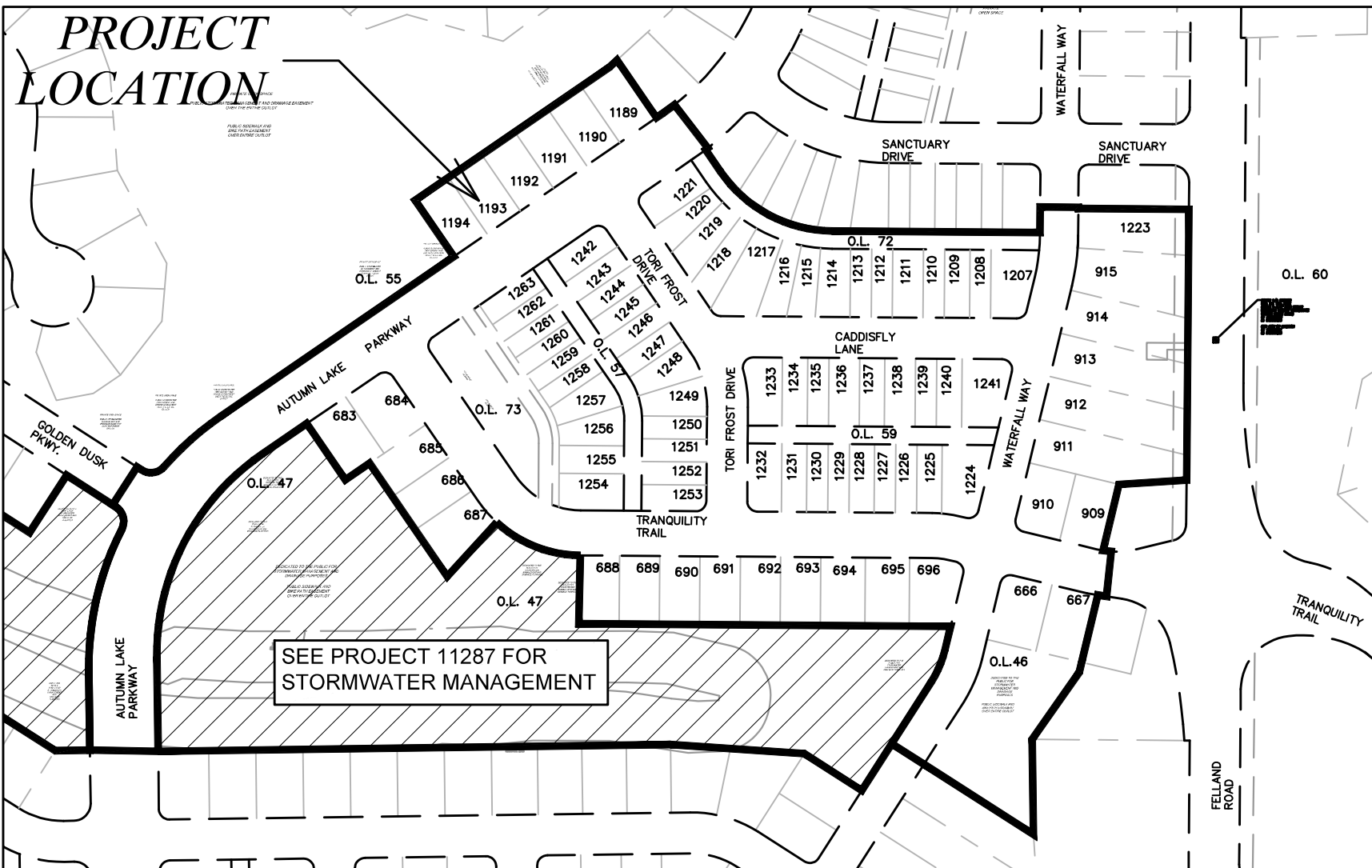
City Engineer

Date

STREET GRADES DESIGNED BY:



Apr 23, 2021



STORM SEWER DESIGNED BY:



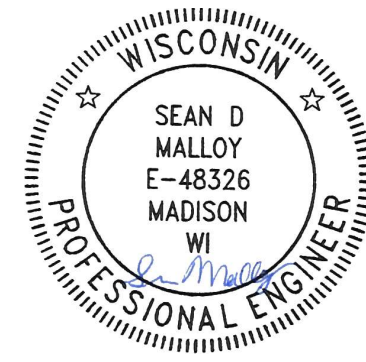
Apr 23, 2021

SANITARY SEWER DESIGNED BY:



Apr 23, 2021

STREET GEOMETRICS DESIGNED BY:



Apr 23, 2021

WATER DESIGNED BY:



Apr 23, 2021

PLOT SCALE: 1"=0' = 1"=0" XREF

PLOT NAME: ----

REV. DATE: 4/14/2021 3:37 PM




ORIGINATOR: CITY_OF_MADISON

ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.

AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: [HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM](https://www.cityofmadison.com/business/pw/specs.cfm)

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.

CONTACT PROJECT ENGINEER AND STREET DESIGNER AARON CANTON AT ACANTON@CITYOFMADISON.COM FOR CAD AND ALIGNMENT DATA PRIOR TO STAKING.

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	—— SN ——
WATER	—— W ——
BURIED ELECTRIC	—— E ——
OVERHEAD ELECTRIC	—— OH ——
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

ALL PAVEMENT IN THE TRANQUILITY TRAIL, TORI FROST DRIVE, CADDISFLY LANE, WATERFALL WAY, GOLDEN DUSK PARKWAY RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE AUTUMN LAKE PARKWAY 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 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 BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. 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.

CURB STATION AND OFFSETS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE EDGE OF PAVEMENT 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.

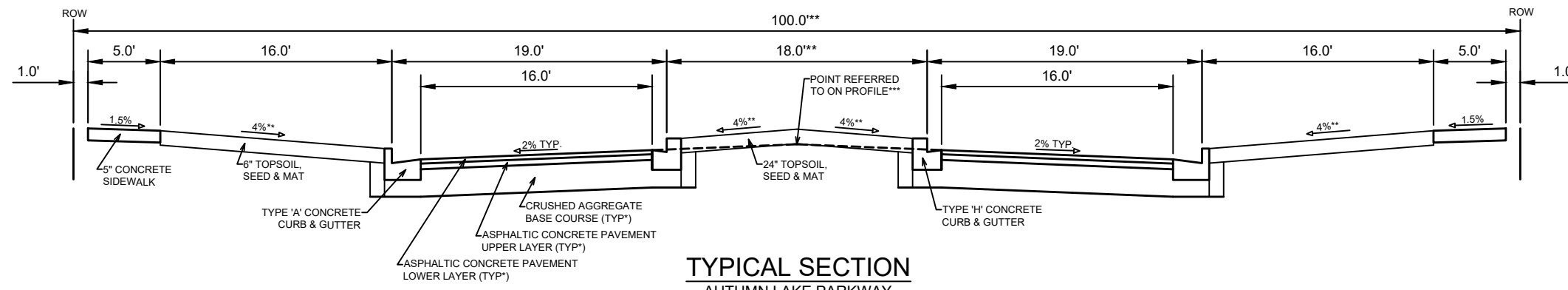
ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

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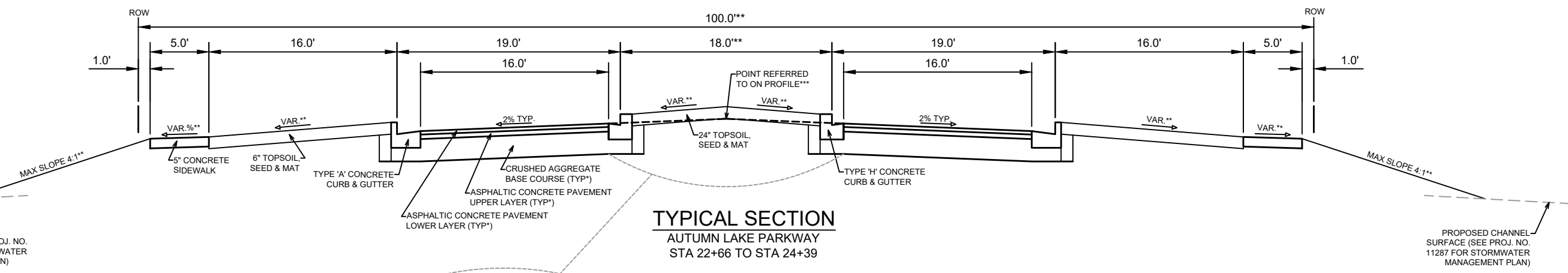
13303
MADISON, WI
8976
CONTRACT NO:

GENERAL NOTES
VILLAGE AT AUTUMN LAKE: PHASE 11
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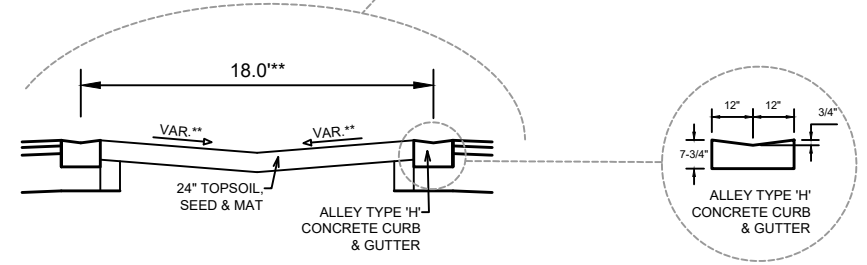




TYPICAL SECTION
AUTUMN LAKE PARKWAY
STA 21+35 TO STA 22+66



TYPICAL SECTION
AUTUMN LAKE PARKWAY
STA 22+66 TO STA 24+39



AUTUMN LAKE PARKWAY MEDIAN OVERFLOW
STA 23+00 TO STA 24+25

NOTES:

- * AUTUMN LAKE PARKWAY SHALL BE CONSTRUCTED AS TYPE 'B' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †
- ** SEE PLAN AND CROSS SECTIONS FOR DETAILS AND DIMENSIONS
- *** POINT REFERRED TO ON PROFILE IS THE EXTENDED PAVEMENT FOR LOCATIONS WITH ISLANDS AS SHOWN ON PLANS
- THE CITY SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF PHASE 11.

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"



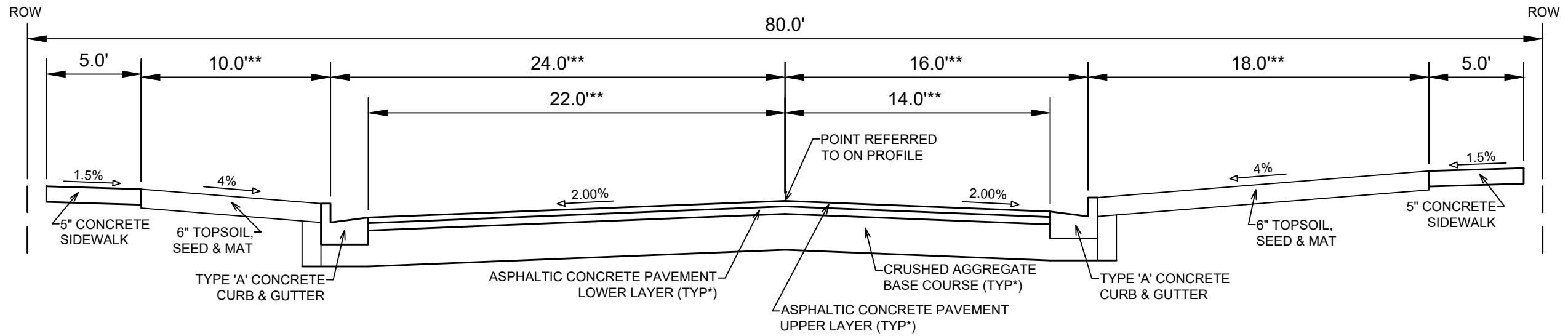
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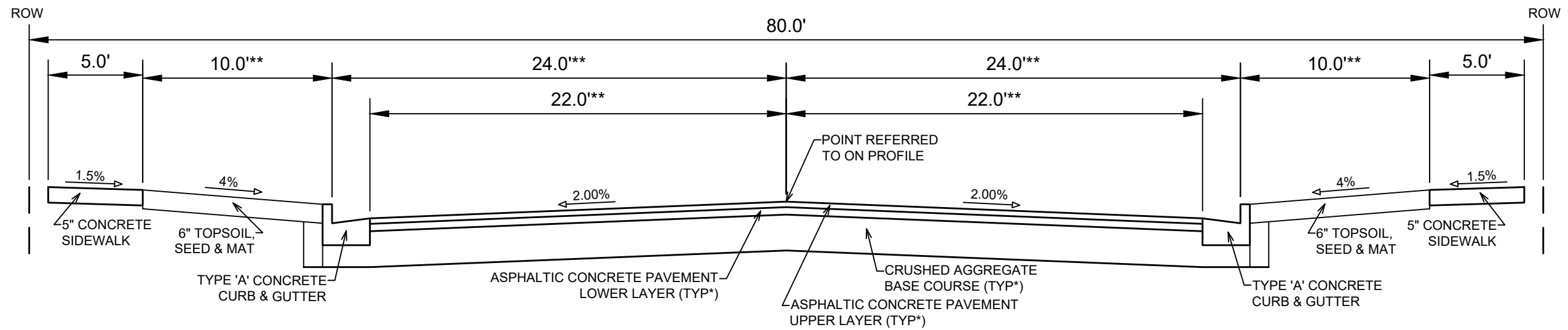
13303
 MADISON, WI
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TYPICAL SECTION
 AUTUMN LAKE PARKWAY
 STA 24+39 TO STA 27+19



TYPICAL SECTION
 AUTUMN LAKE PARKWAY
 STA 27+19 TO STA 34+30

NOTES:

* AUTUMN LAKE PARKWAY SHALL BE CONSTRUCTED AS TYPE 'B' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

** WIDTH VARIES AT INTERSECTIONS WITH GOLDEN DUSK PARKWAY, TRANQUILITY TRAIL, AND TORI FROST DRIVE. SEE PLAN AND PROFILE FOR SLOPE, ELEVATIONS AND OFFSETS.

- THE CITY SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF PHASE 11.

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"

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REVISION	DATE
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PROJECT NO.	D-3

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 MADISON, WI
 CONTRACT NO: 8976

TYPICAL SECTION
 VILLAGE AT AUTUMN LAKE: PHASE 11
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 D-3

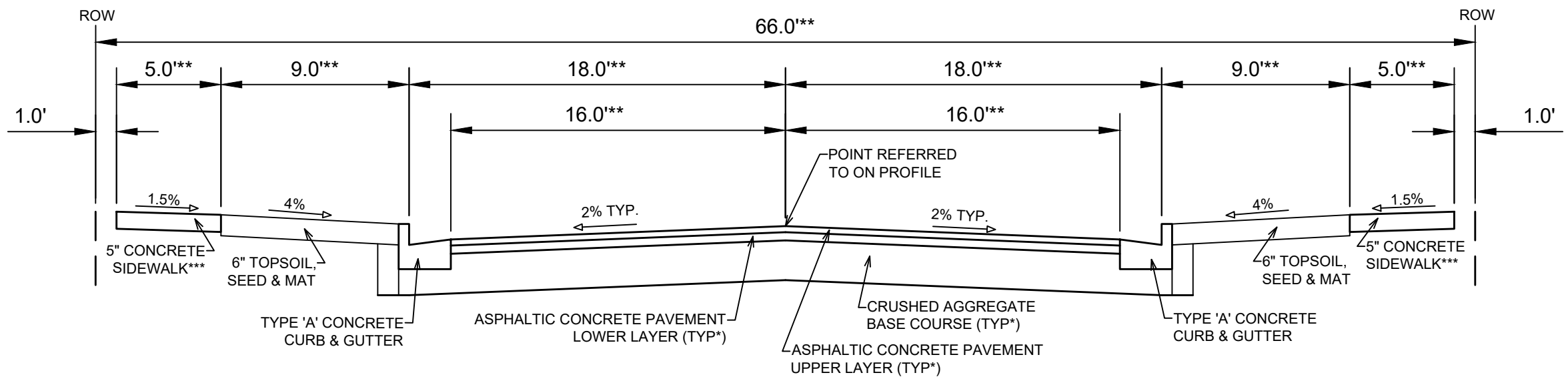
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MADISON, WI
CONTRACT NO: 8976

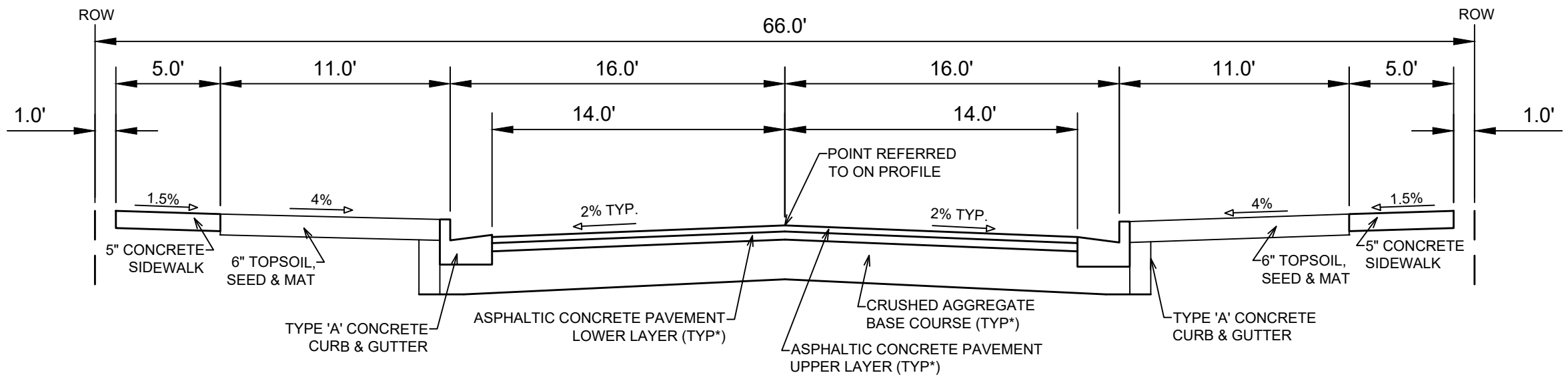
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TYPICAL SECTION
TRANQUILITY TRAIL



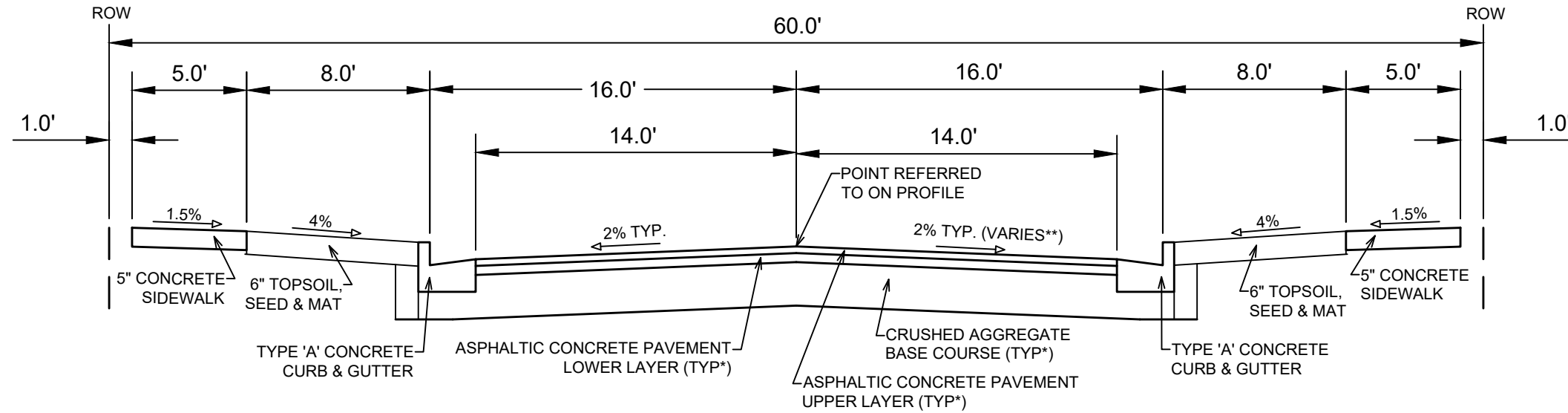
TYPICAL SECTION
GOLDEN DUSK PARKWAY

NOTES:

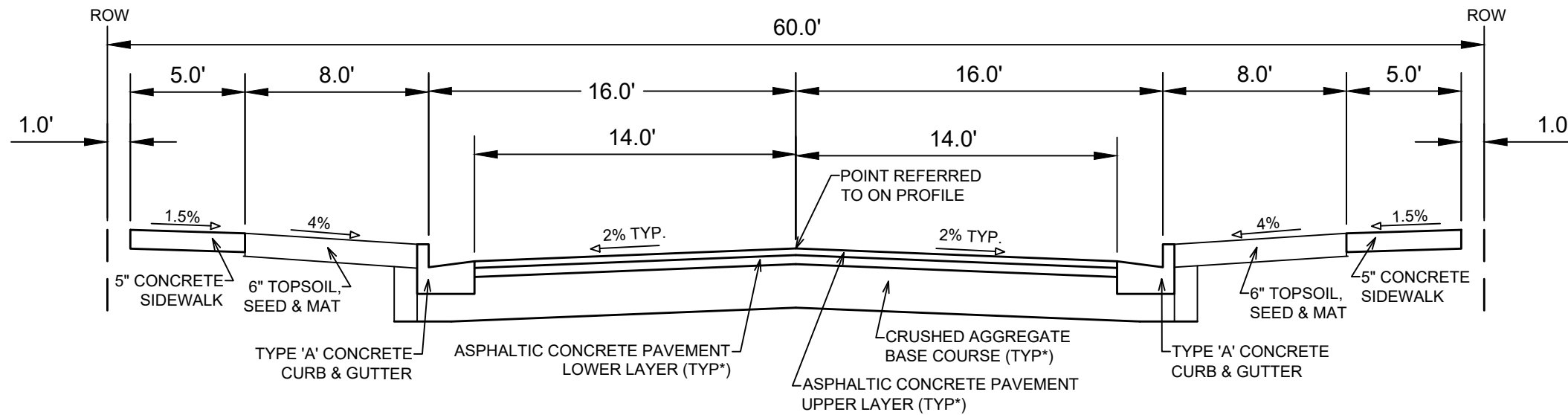
- * TRANQUILITY TRAIL AND GOLDEN DUSK PARKWAY SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †
- ** SEE PLAN FOR DETAILS AND DIMENSIONS
- *** INSTALL 2" OF SELECT FILL AS BASE FOR SIDEWALK. WHEN STREET GRADE EXCEEDS 5% INSTALL 3" OF GRADATION NO. 3.
- THE CITY SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF PHASE 11.

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
 TORI FROST LANE
 (STA 128+75 TO STA 129+75)



TYPICAL SECTION
 TORI FROST LANE
 (STA 129+75 TO STA 133+55)

NOTES:

* TORI FROST LANE SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

** SEE PLAN FOR DETAILS AND DIMENSIONS

- THE CITY SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF PHASE 11.

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"

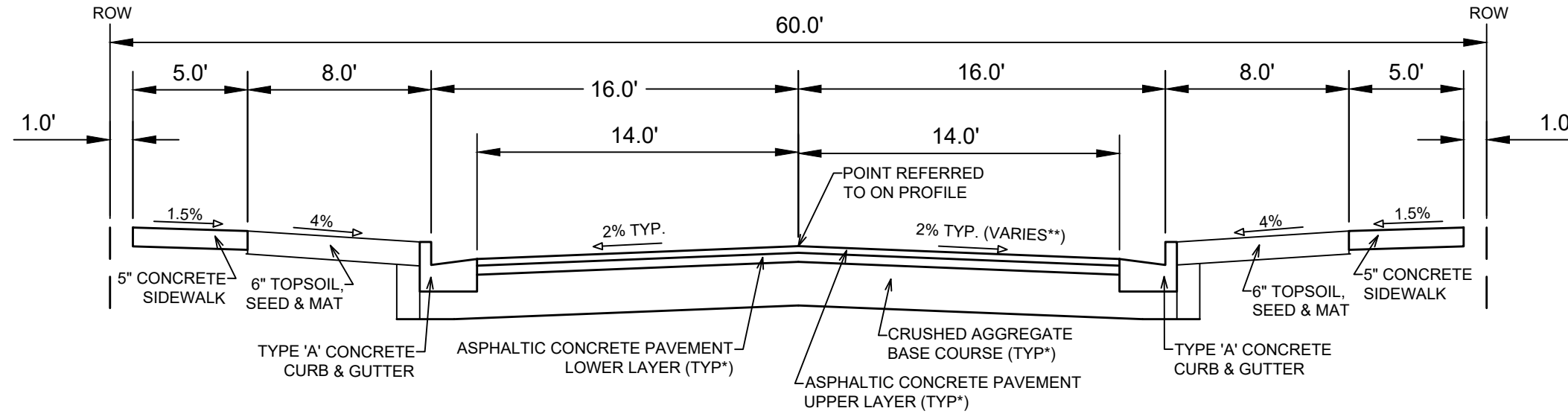
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13303
 MADISON, WI
 CONTRACT NO: 8976

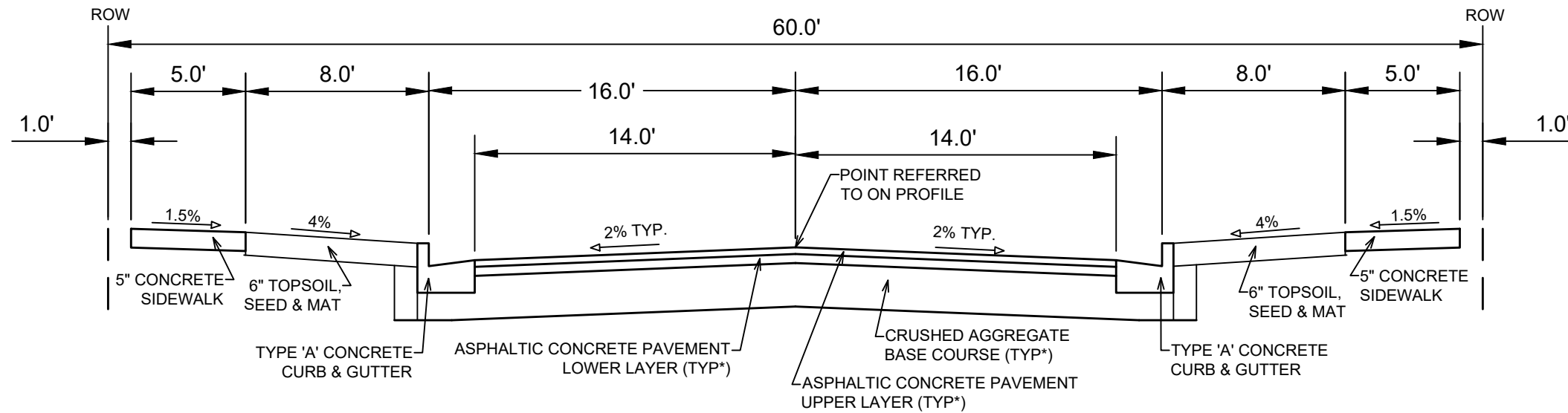
TYPICAL SECTION
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13303
 D-5



TYPICAL SECTION
CADDISFLY LANE
 (STA 134+00 TO STA 135+00)



TYPICAL SECTION
CADDISFLY LANE
 (STA 135+00 TO STA 137+89)

NOTES:

* CADDISFLY LANE SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

** SEE PLAN FOR DETAILS AND DIMENSIONS

- THE CITY SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF PHASE 11.

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"

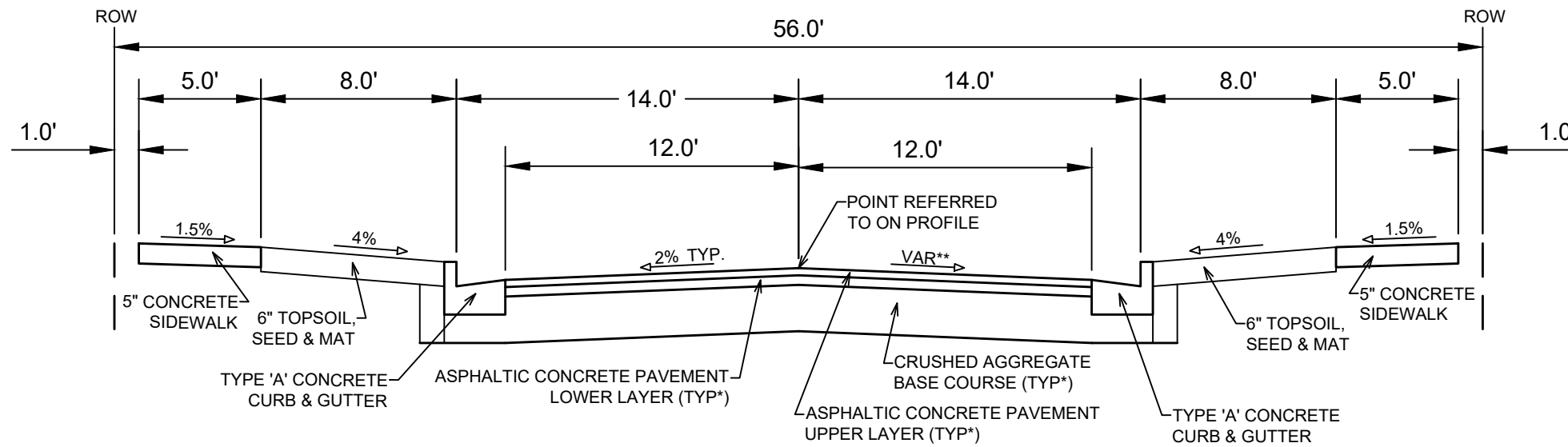
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13303
 MADISON, WI
 CONTRACT NO: 8976

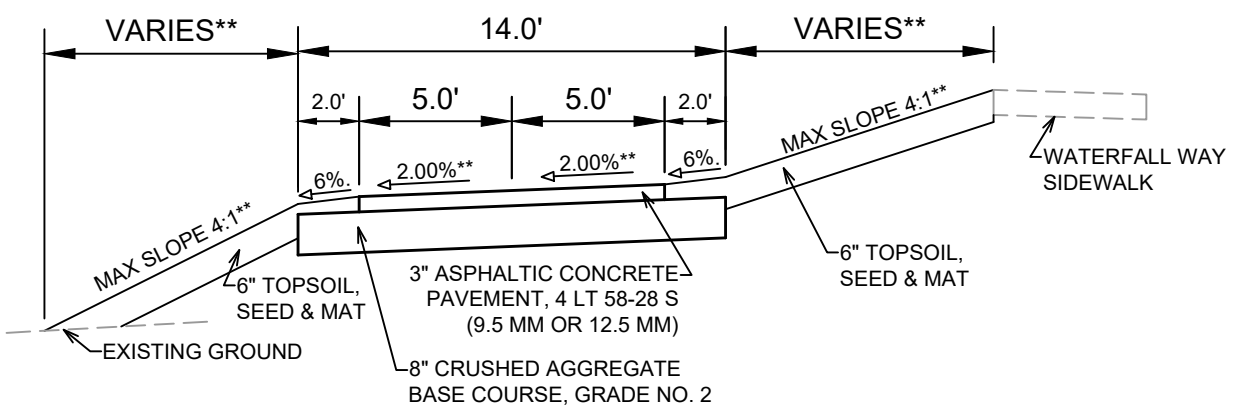
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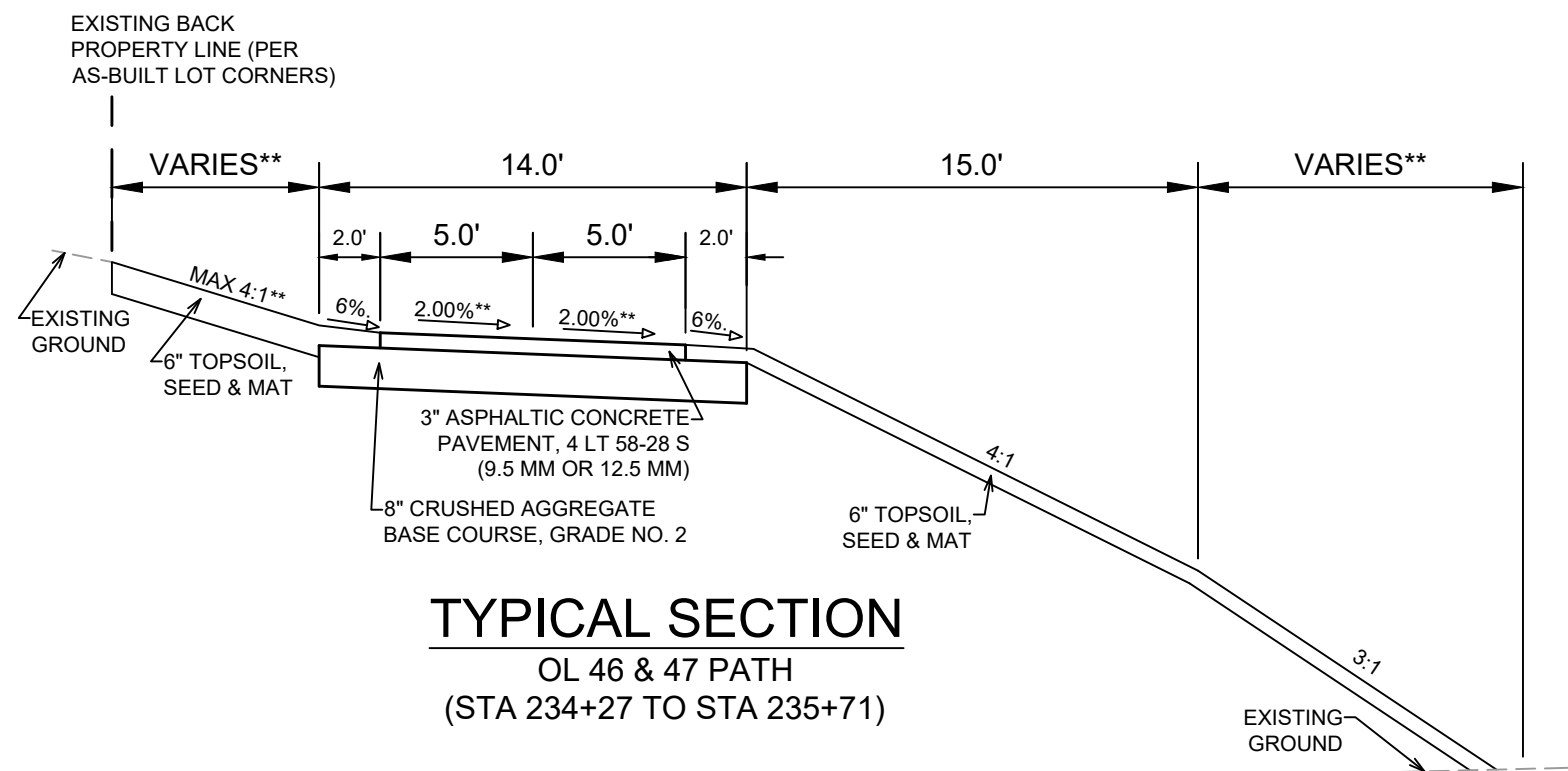
13303
 D-6



TYPICAL SECTION
WATERFALL WAY
 (STA 17+60 TO STA 19+75)



TYPICAL SECTION
OL 46 & 47 PATH
 (STA 230+92 TO STA 233+72)



TYPICAL SECTION
OL 46 & 47 PATH
 (STA 234+27 TO STA 235+71)

NOTES:
 * WATERFALL WAY SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †
 ** SEE PLAN FOR DETAILS AND DIMENSIONS
 - THE CITY SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF PHASE 11.

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

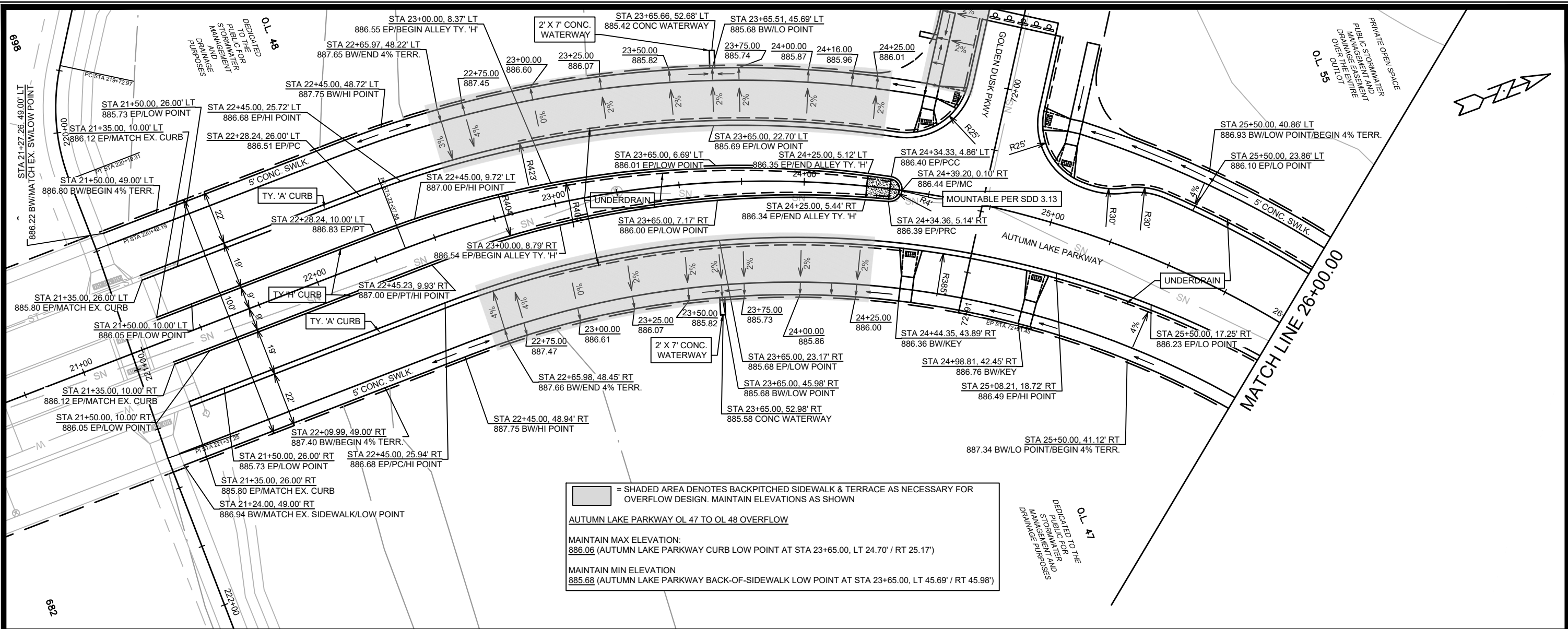
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	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
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B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

13303 MADISON, WI 53706 CONTRACT NO: 8976

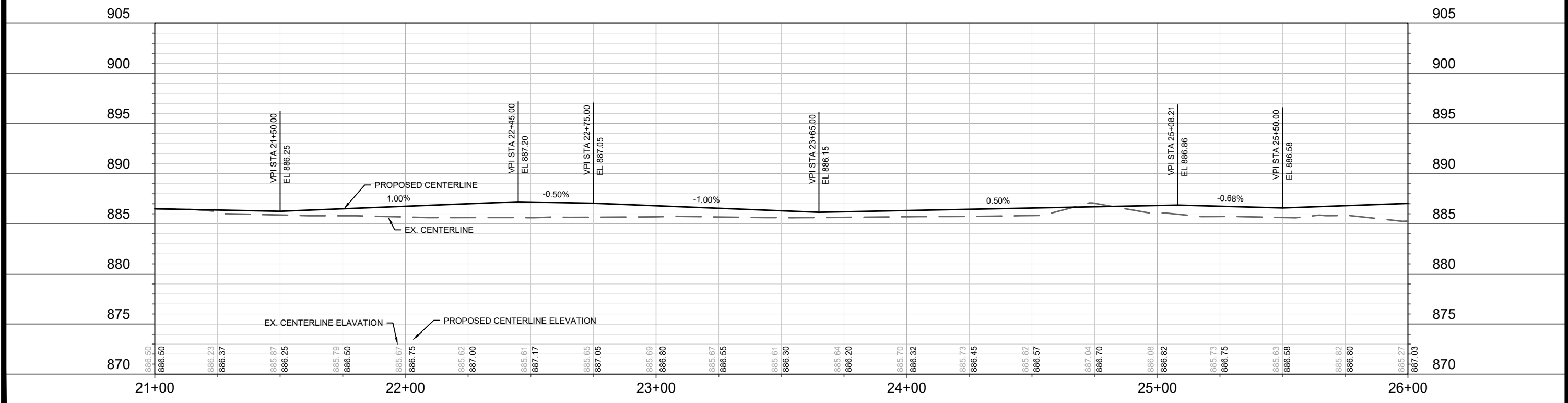
TYPICAL SECTION VILLAGE AT AUTUMN LAKE: PHASE 11

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13303 D-7



[Shaded Area] = SHADED AREA DENOTES BACKPITCHED SIDEWALK & TERRACE AS NECESSARY FOR OVERFLOW DESIGN. MAINTAIN ELEVATIONS AS SHOWN
AUTUMN LAKE PARKWAY OL 47 TO OL 48 OVERFLOW
 MAINTAIN MAX ELEVATION:
 886.06 (AUTUMN LAKE PARKWAY CURB LOW POINT AT STA 23+65.00, LT 24.70' / RT 25.17')
 MAINTAIN MIN ELEVATION
 885.68 (AUTUMN LAKE PARKWAY BACK-OF-SIDEWALK LOW POINT AT STA 23+65.00, LT 45.69' / RT 45.98')



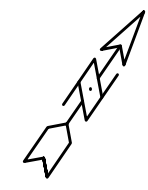
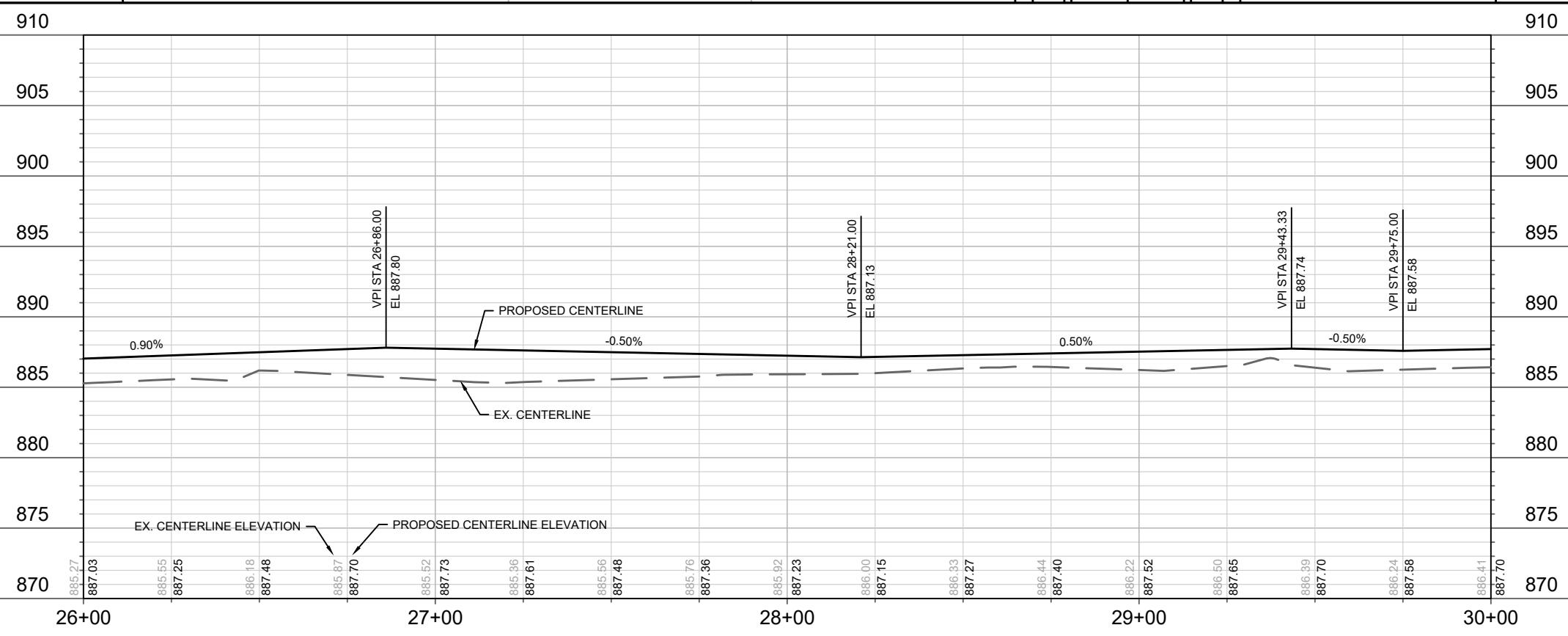
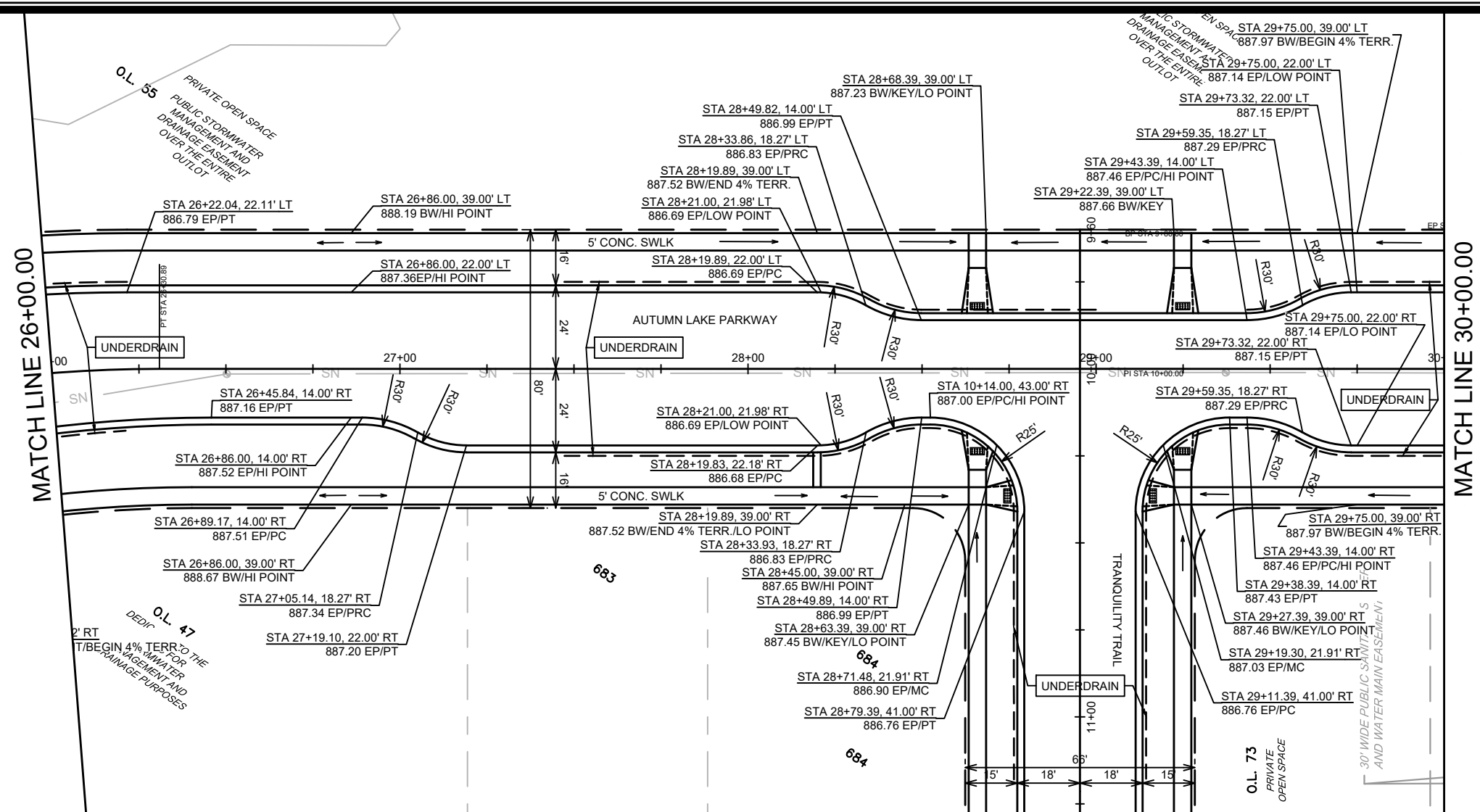
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 MADISON, WI
 CONTRACT NO: 8976

AUTUMN LAKE PARKWAY - PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
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 P-1



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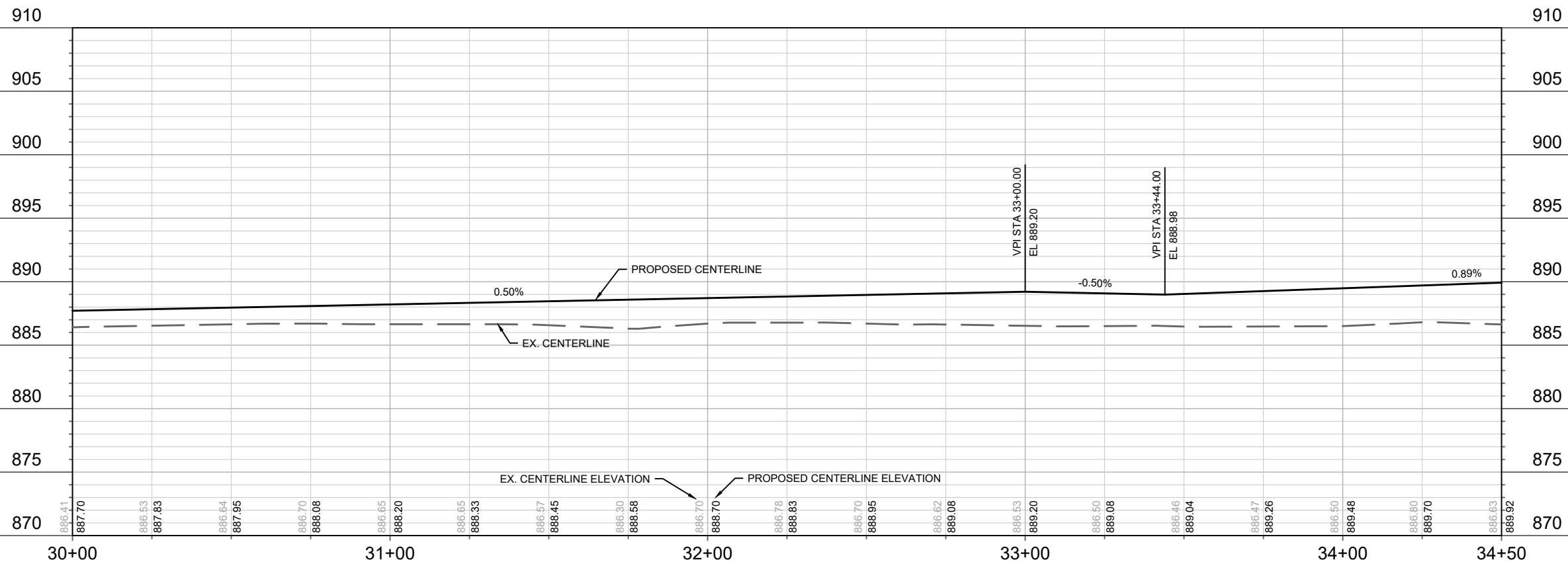
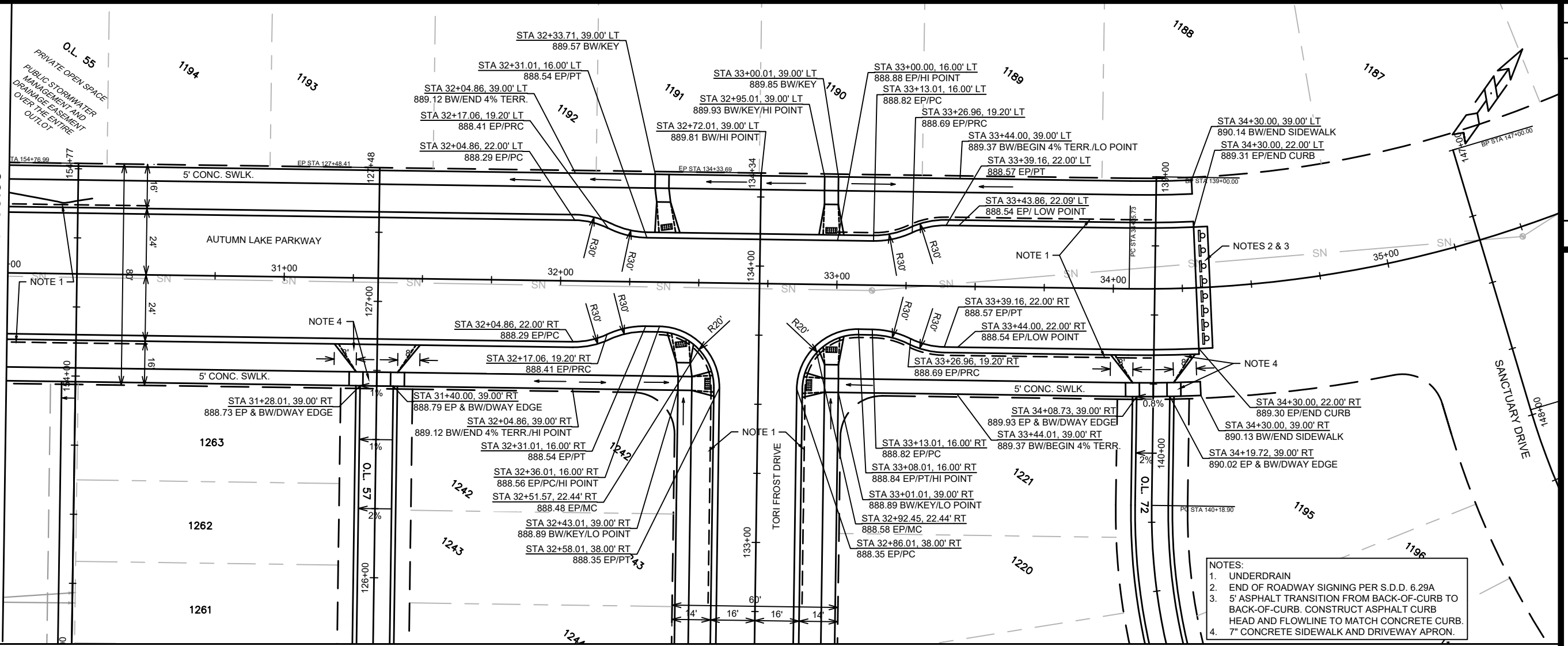
13303
MADISON, WI
CONTRACT NO: 8976

AUTUMN LAKE PARKWAY - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
P-2

MATCH LINE 30+00.00



DATE	BY
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AUTUMN LAKE PARKWAY - PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
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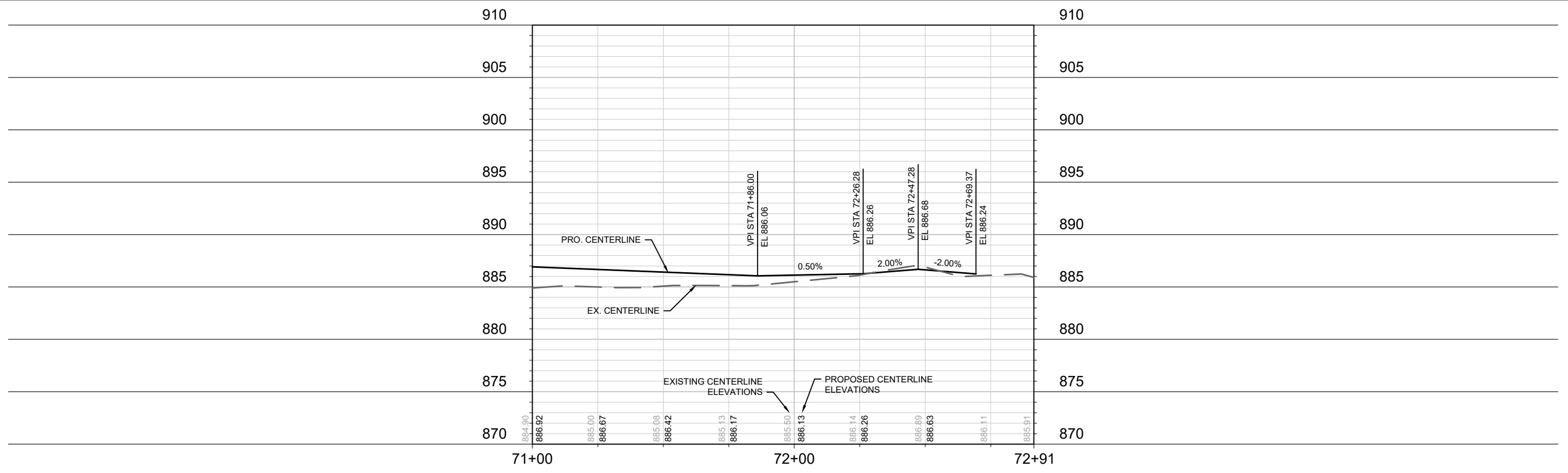
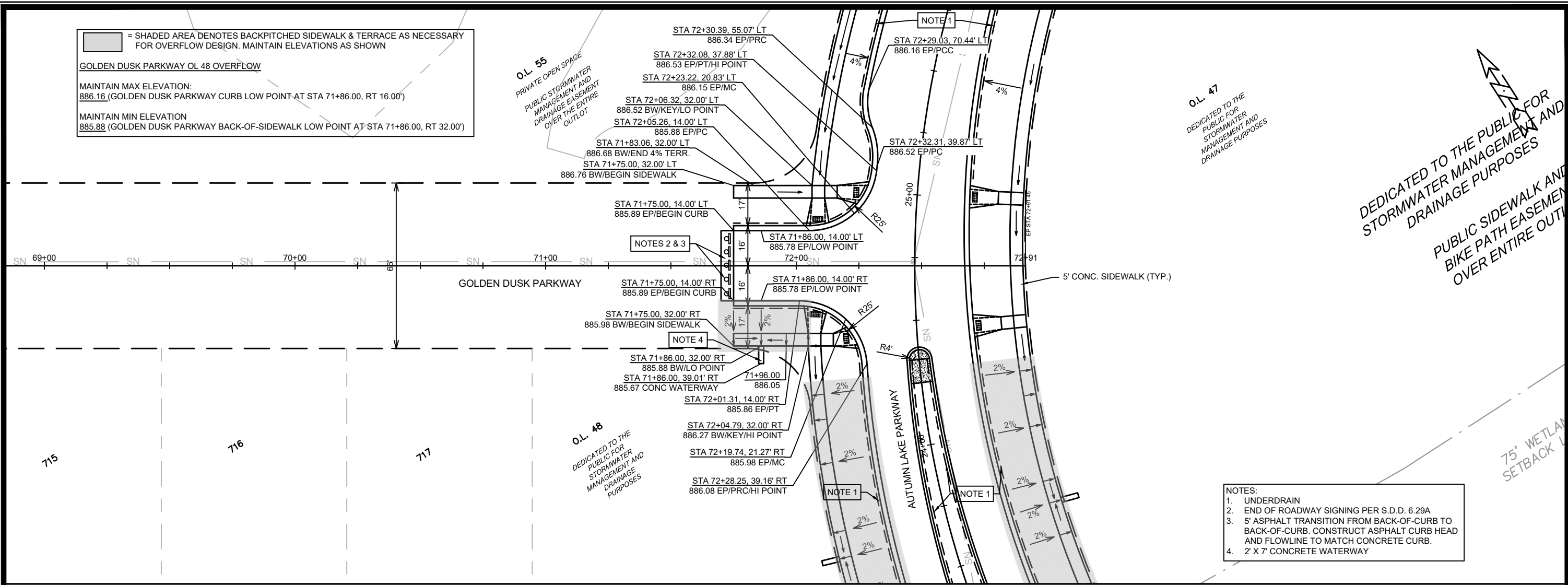
13303
 P-3

= SHADED AREA DENOTES BACKPITCHED SIDEWALK & TERRACE AS NECESSARY FOR OVERFLOW DESIGN. MAINTAIN ELEVATIONS AS SHOWN

GOLDEN DUSK PARKWAY OL 48 OVERFLOW

MAINTAIN MAX ELEVATION: 886.16 (GOLDEN DUSK PARKWAY CURB LOW POINT AT STA 71+86.00, RT 16.00')

MAINTAIN MIN ELEVATION: 885.88 (GOLDEN DUSK PARKWAY BACK-OF-SIDEWALK LOW POINT AT STA 71+86.00, RT 32.00')



DEDICATED TO THE PUBLIC FOR STORMWATER MANAGEMENT AND DRAINAGE PURPOSES

PUBLIC SIDEWALK AND BIKE PATH EASEMENT OVER ENTIRE OUTLOT

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MADISON, WI
VILLAGE AT AUTUMN LAKE: PHASE 11

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P-4

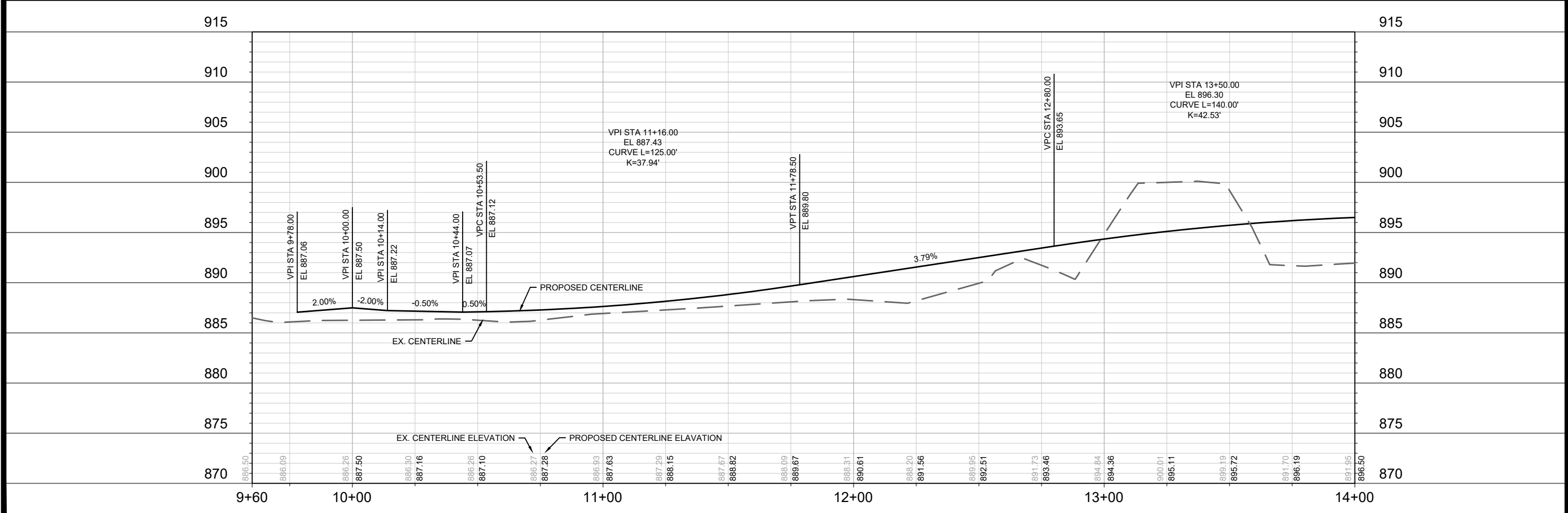
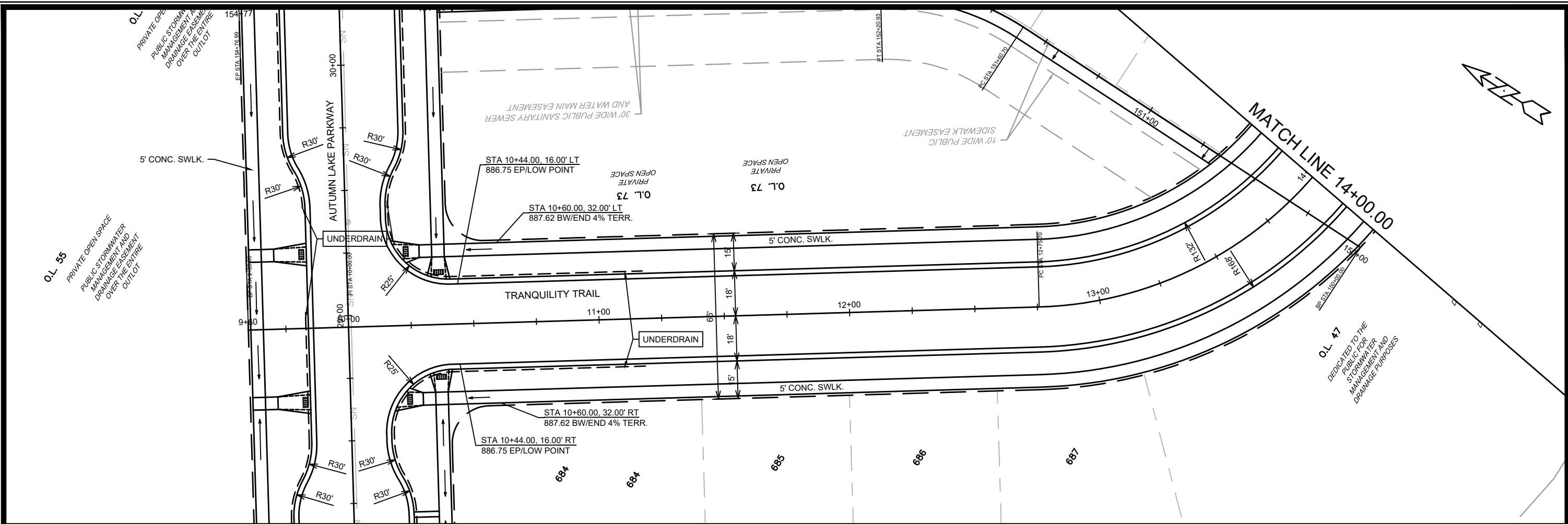
City of Madison Wisconsin logo

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DATE: 4/14/2021 4:48 PM

REVISION: P-4

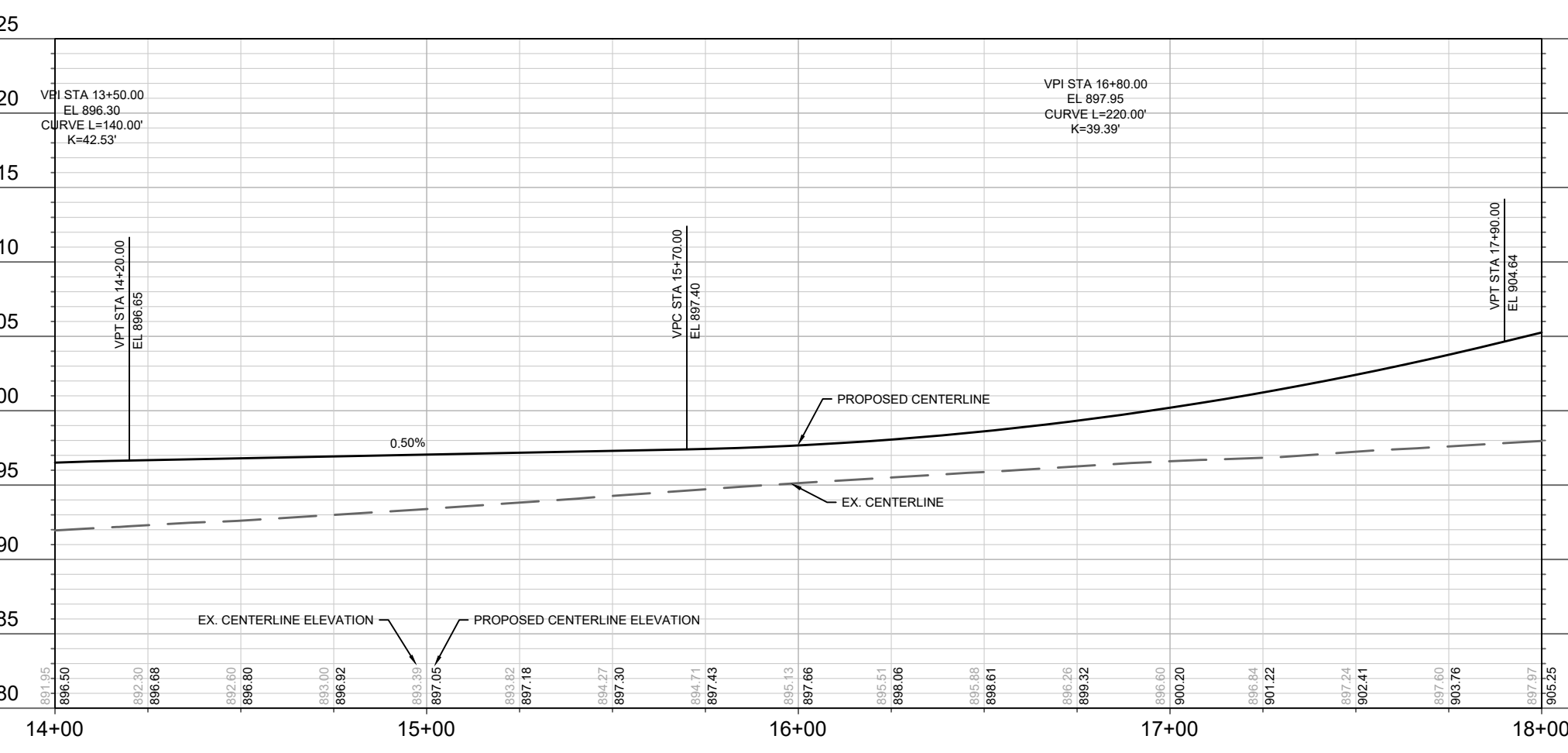
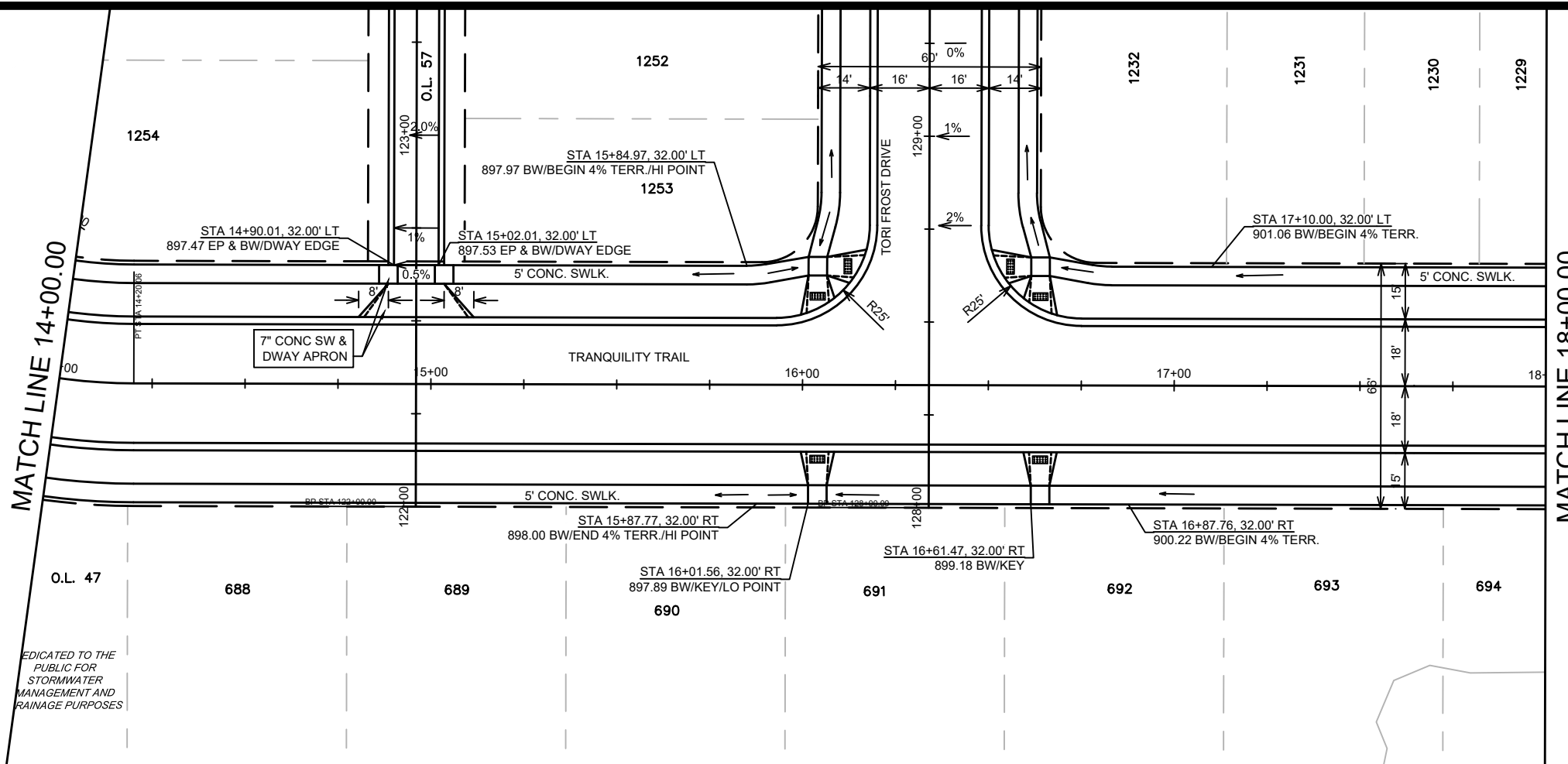


MARK	REVISION	DATE	BY

13303
 MADISON, WI
 CONTRACT NO: 8976
 P-5

TRANQUILITY TRAIL - PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
 P-5

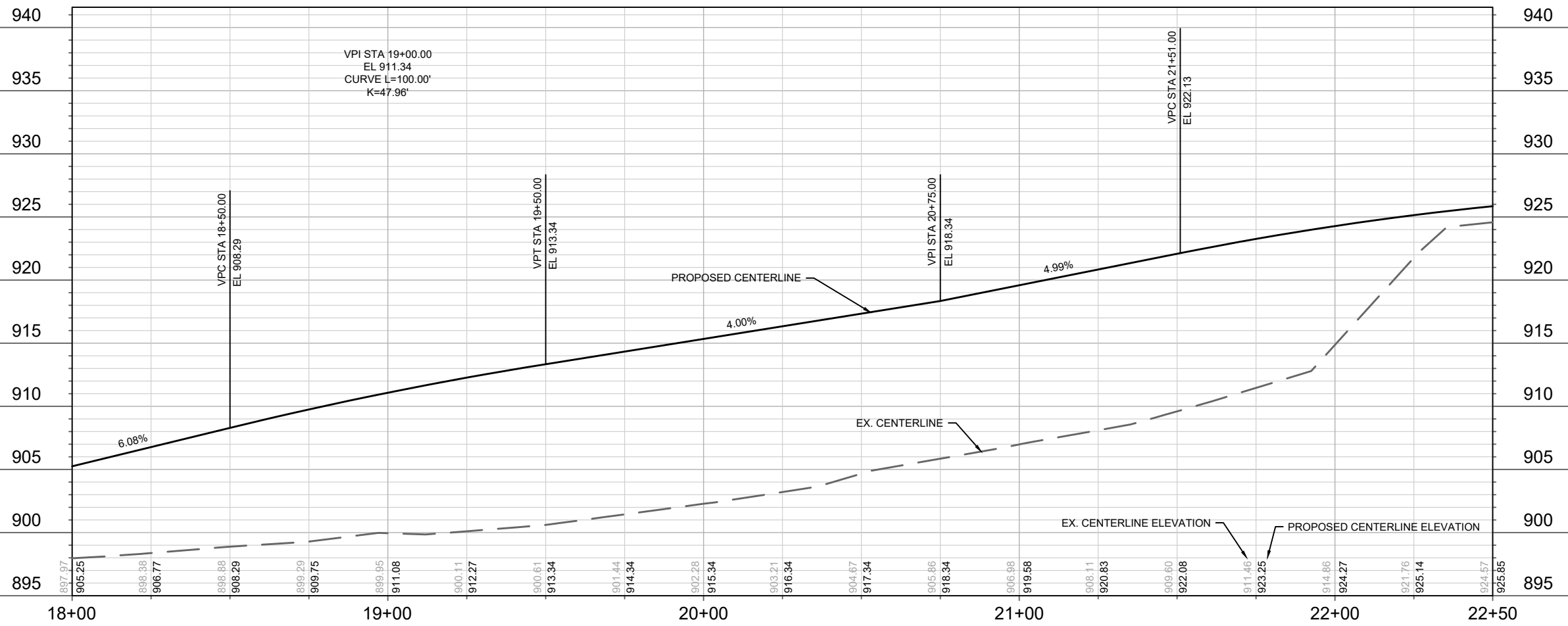
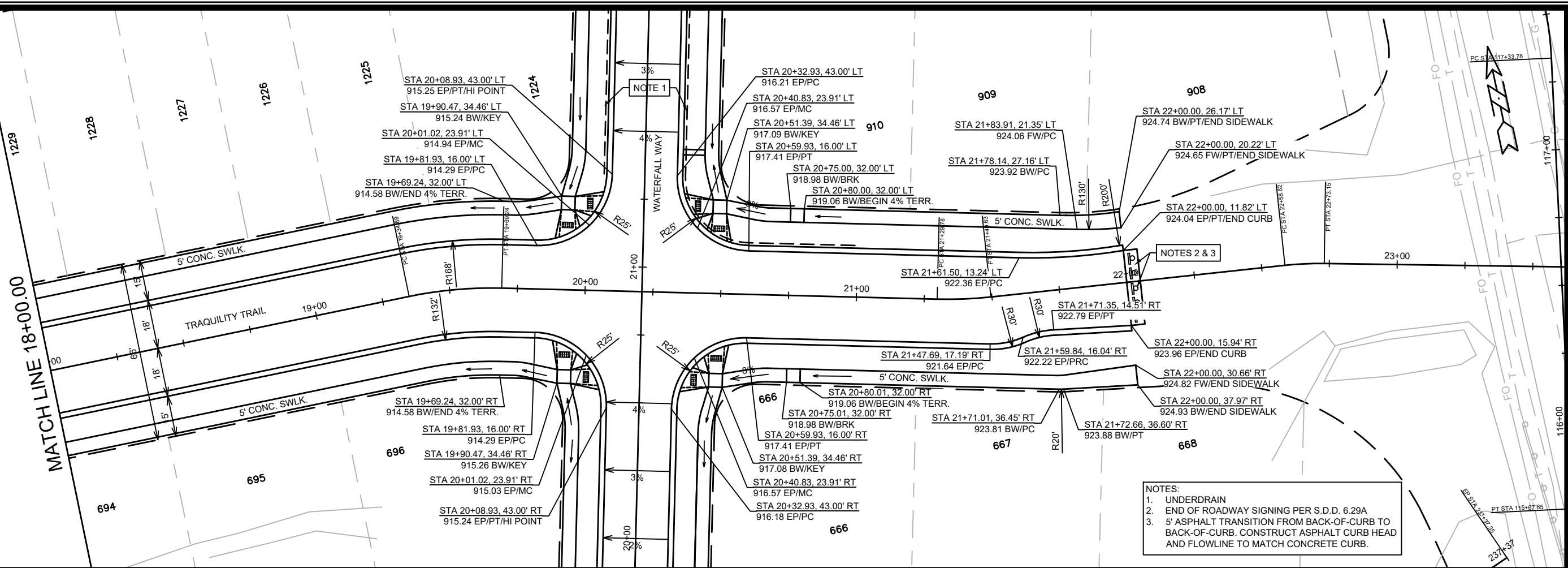


MARK	REVISION	DATE	BY

13303
MADISON, WI
CONTRACT NO: 8976

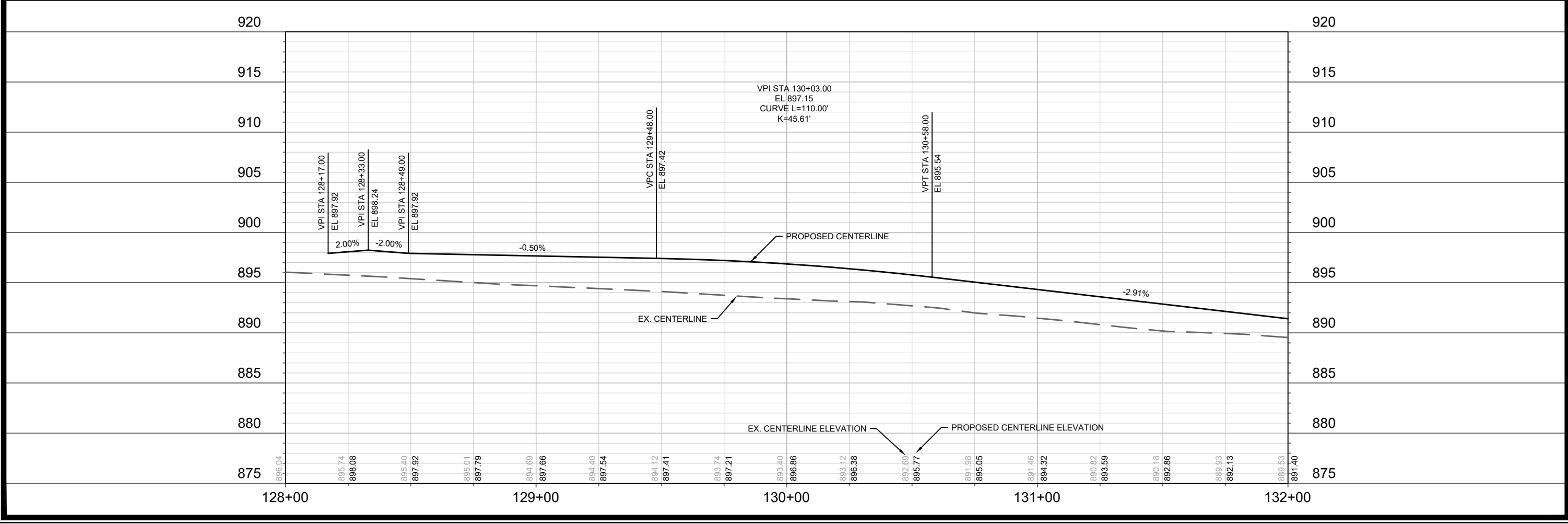
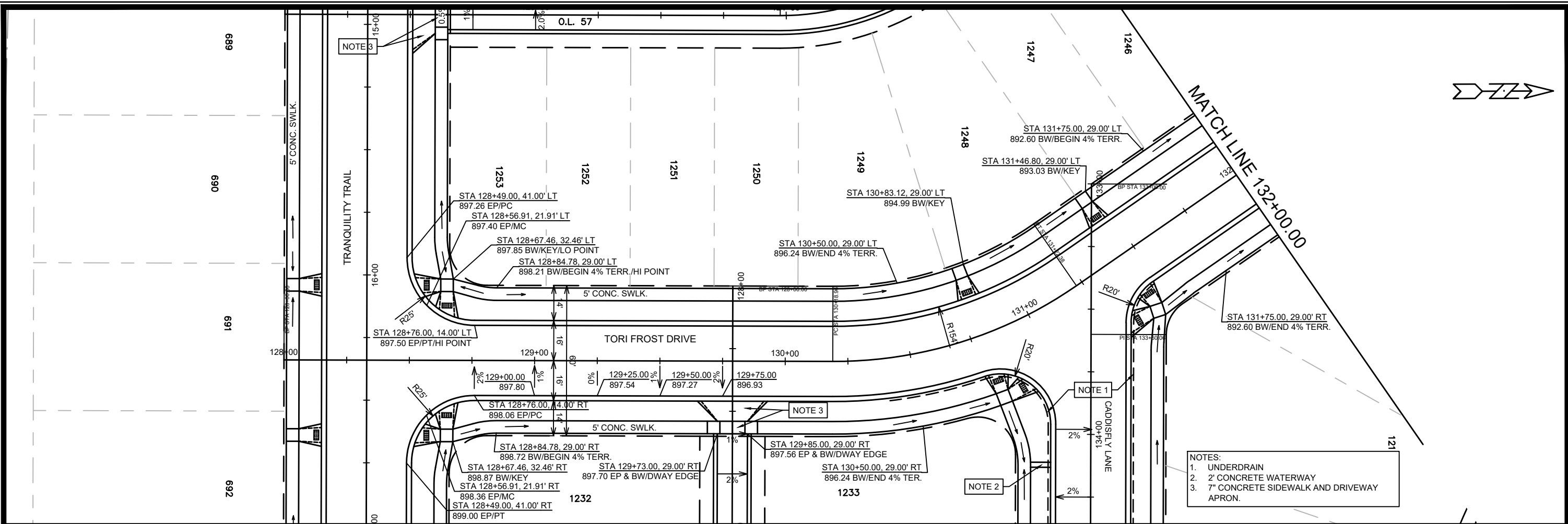
TRANQUILITY TRAIL - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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DATE	BY
REVISION	
MARK	13303
Designed By: AJC	Date: 4/17/2021 4:49 PM
Scale: 1" = 40'	
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13303
 MADISON, WI
 CONTRACT NO: 8976

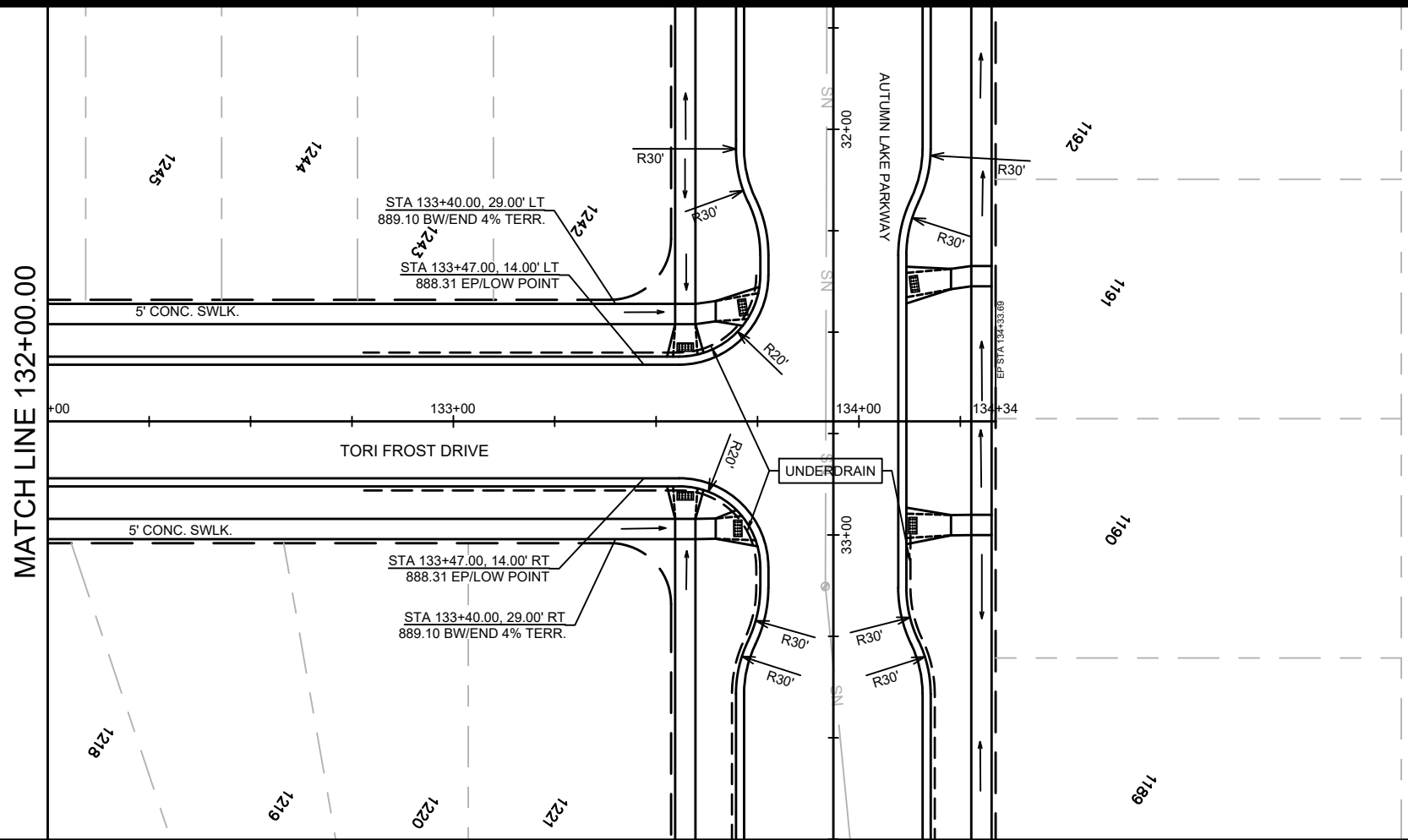


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REVISION	
MARK	Scale: 1" = 40'
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13303	P-8

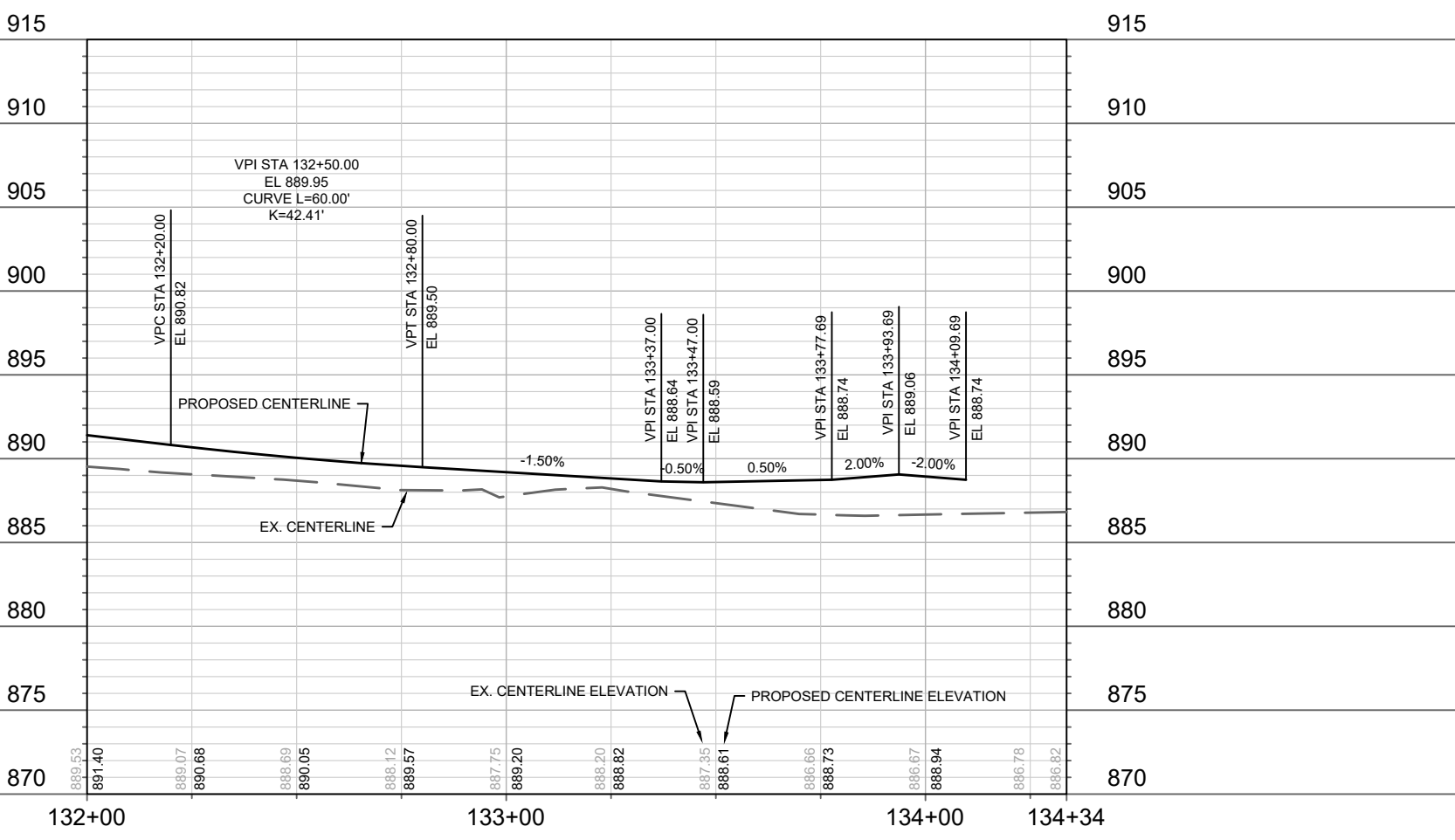
13303
MADISON, WI
8976
CONTRACT NO:

TORI FROST DRIVE - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
P-8



O.L. 55
 PRIVATE OPEN SPACE
 PUBLIC STORMWATER
 MANAGEMENT AND
 DRAINAGE EASEMENT
 OVER THE ENTIRE
 OUTLOT



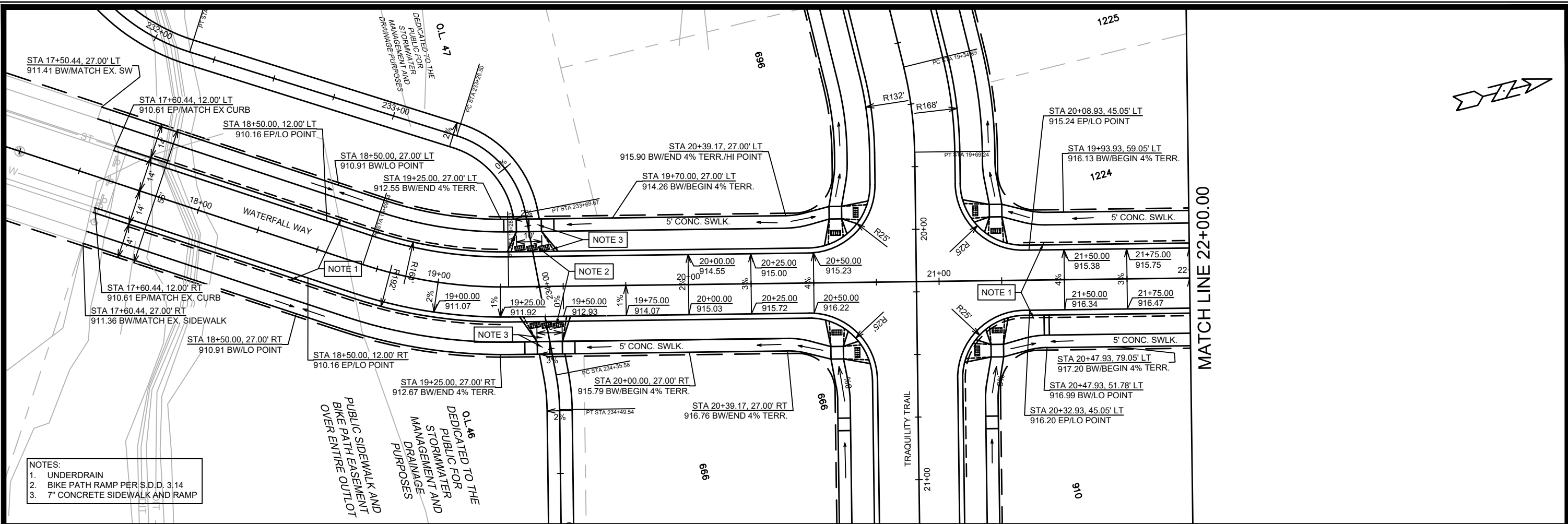
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REVISION	
MARK	
Designed By: AJC	Date: 4/17/2021 4:49 PM
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13303	P-9

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 MADISON, WI
 CONTRACT NO: 8976

TORI FROST DRIVE - PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
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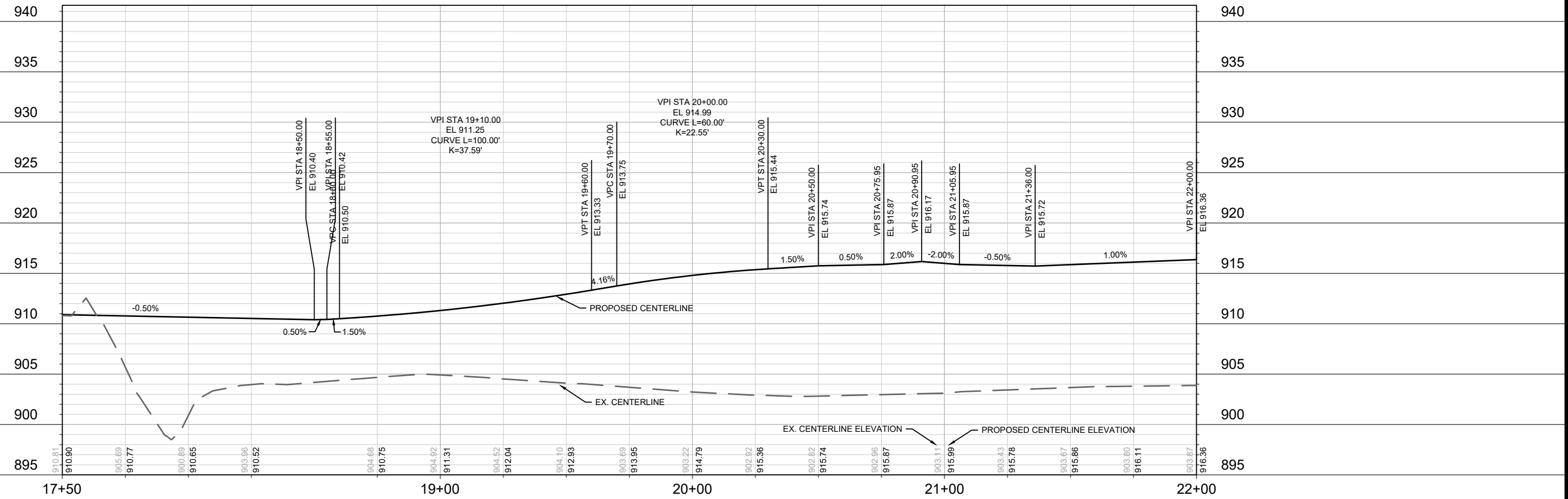


13303
 P-9

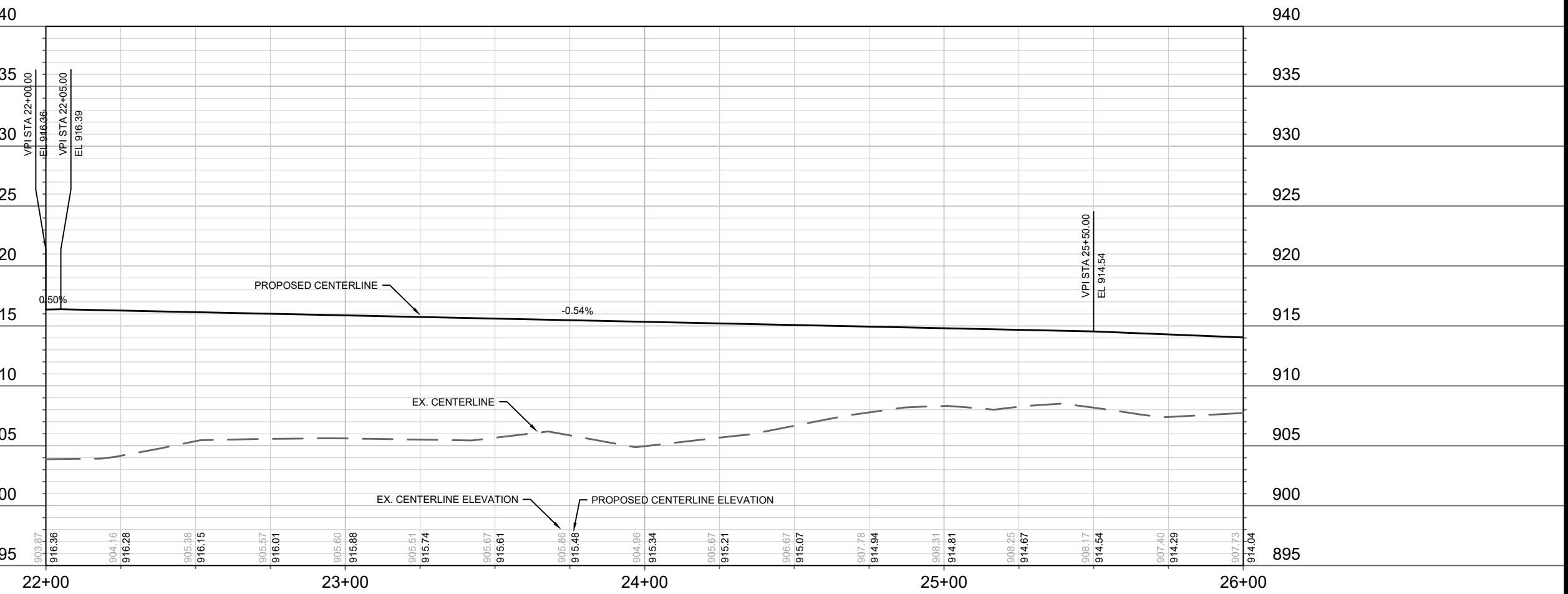
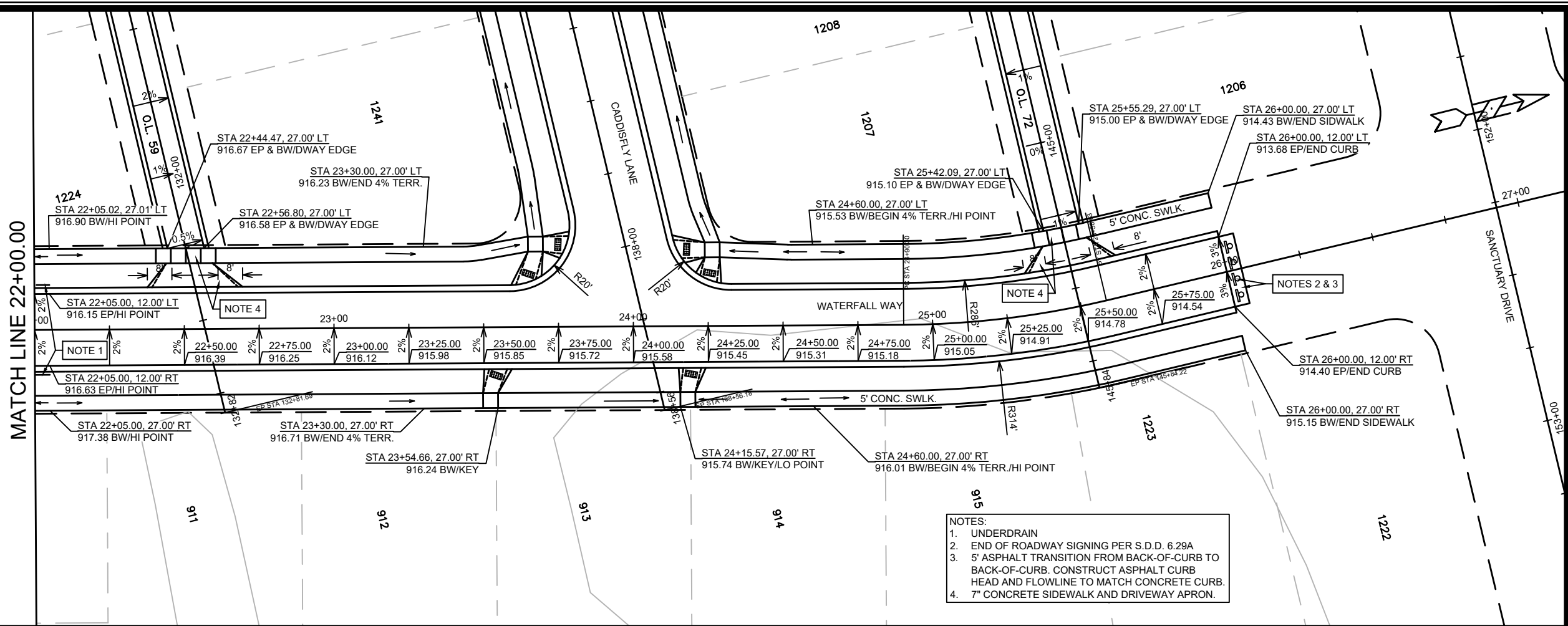


- NOTES:
1. UNDERDRAIN
 2. BIKE PATH RAMP PER S.D.D. 3.14
 3. 7" CONCRETE SIDEWALK AND RAMP

01.A6
 DEDICATED TO THE
 PUBLIC FOR
 STORMWATER
 MANAGEMENT AND
 DRAINAGE
 PURPOSES
 PUBLIC SIDEWALK AND
 BIKE PATH EASEMENT
 OVER ENTIRE OUTLOT



MARK	REVISION	DATE	BY
13303		4/17/2021 4:49 PM	P-10
13303		8976	
WATERFALL WAY - PLAN & PROFILE		MADISON, WI	
VILLAGE AT AUTUMN LAKE: PHASE 11		CONTRACT NO:	
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CITY OF MADISON WISCONSIN		P-10	



- NOTES:
1. UNDERDRAIN
 2. END OF ROADWAY SIGNING PER S.D.D. 6.29A
 3. 5' ASPHALT TRANSITION FROM BACK-OF-CURB TO BACK-OF-CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 4. 7" CONCRETE SIDEWALK AND DRIVEWAY APRON.

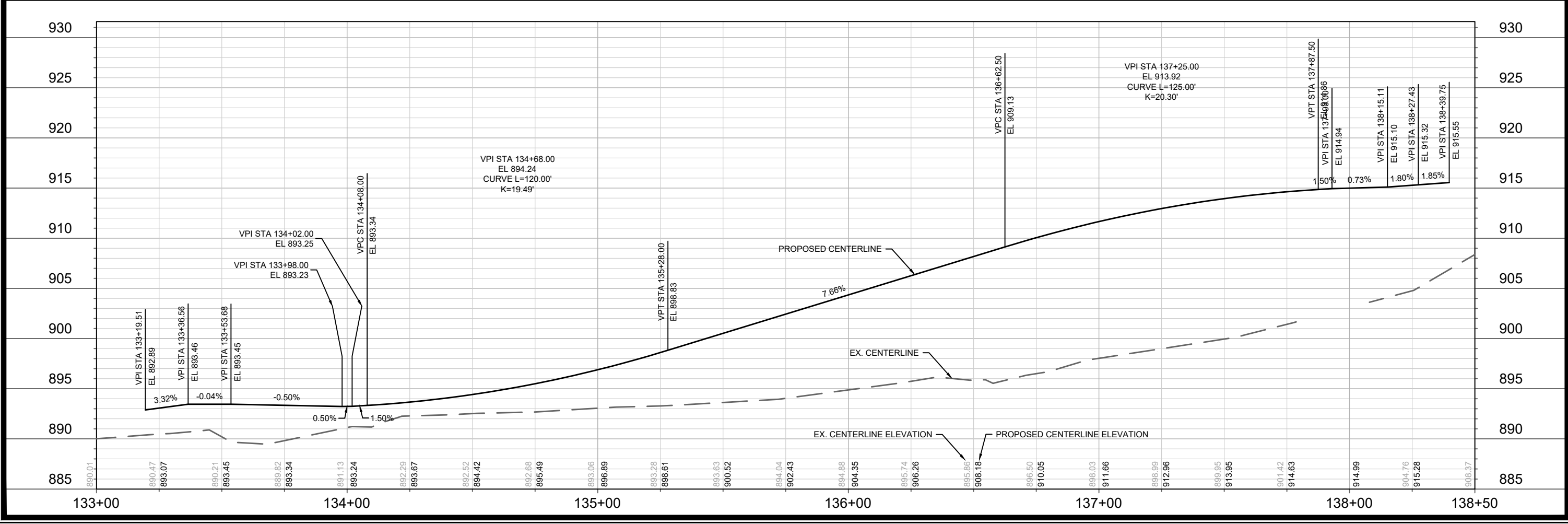
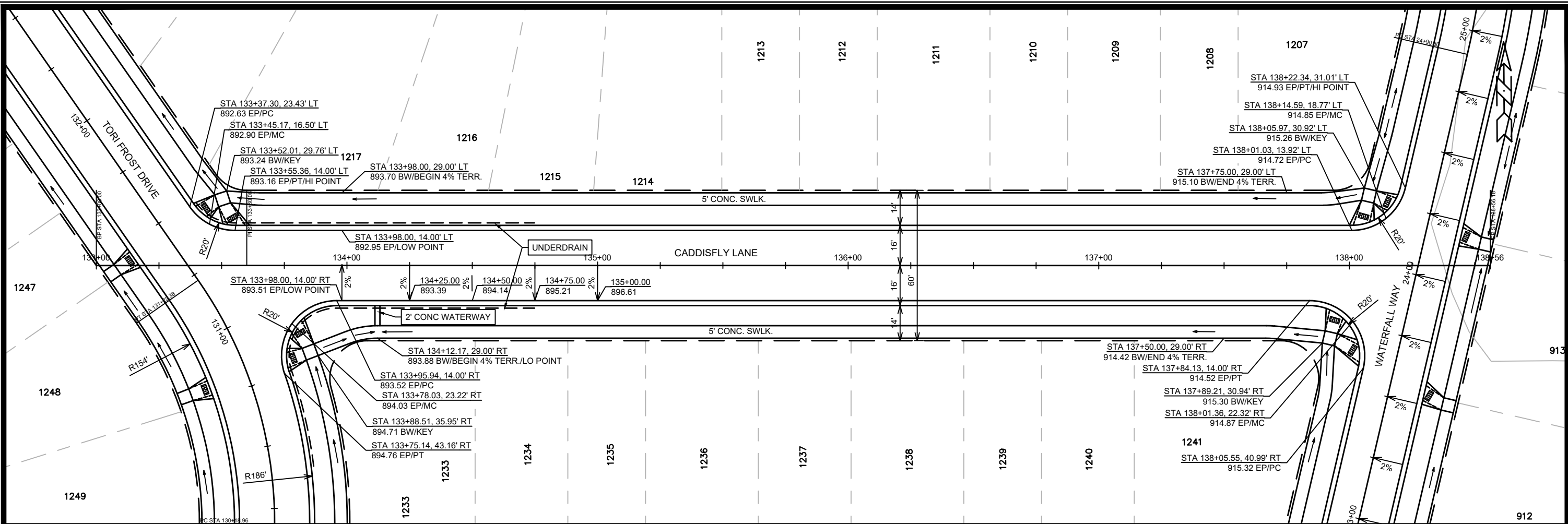
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MARK	13303
Designed By: AJC	Date: 4/17/2021 4:49 PM
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13303
MADISON, WI
CONTRACT NO: 8976

WATERFALL WAY - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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P-11

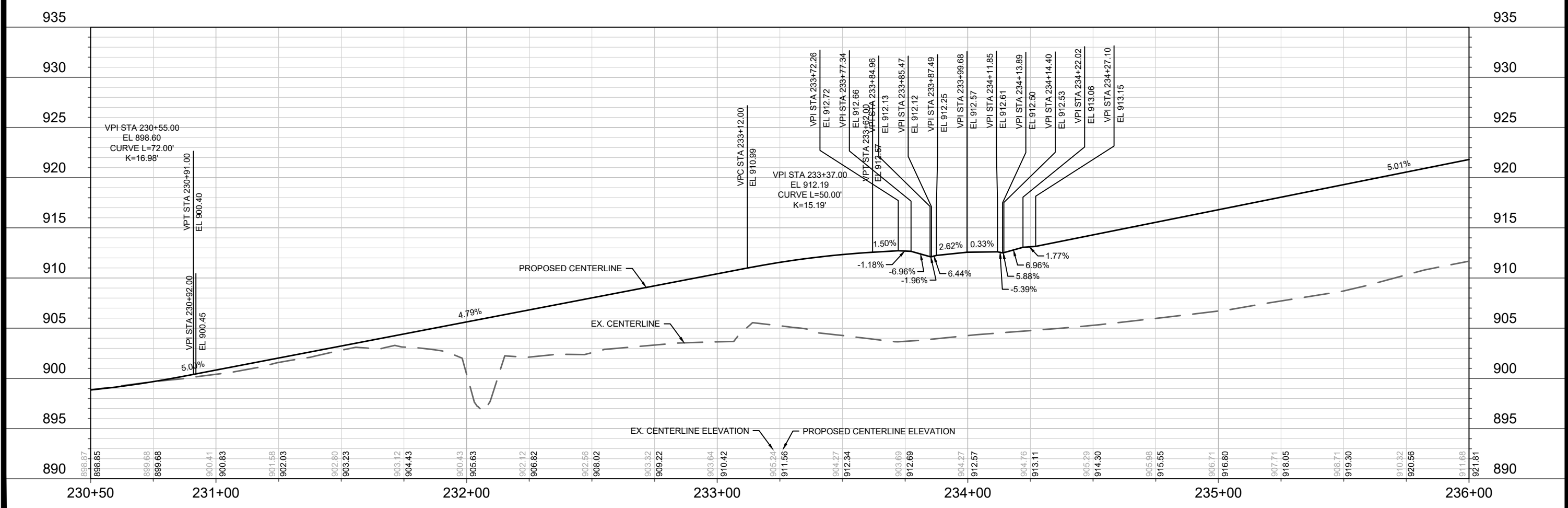
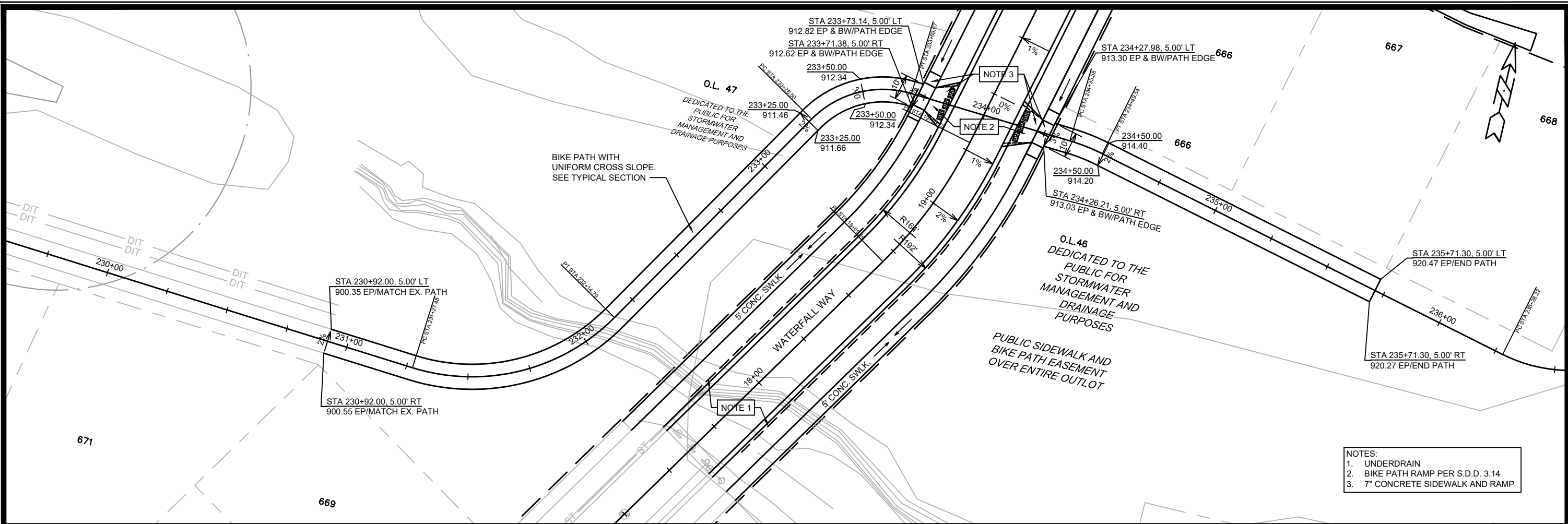


NO.	REVISION	DATE	BY
1	DESIGNED	4/17/2021	AJC
2	DATE	4/17/2021	AJC
3	BY	4/17/2021	AJC

13303
 MADISON, WI
 CONTRACT NO: 8976
 Scale: 1" = 40'
 P-12

CADDISFLY LANE - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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 P-12

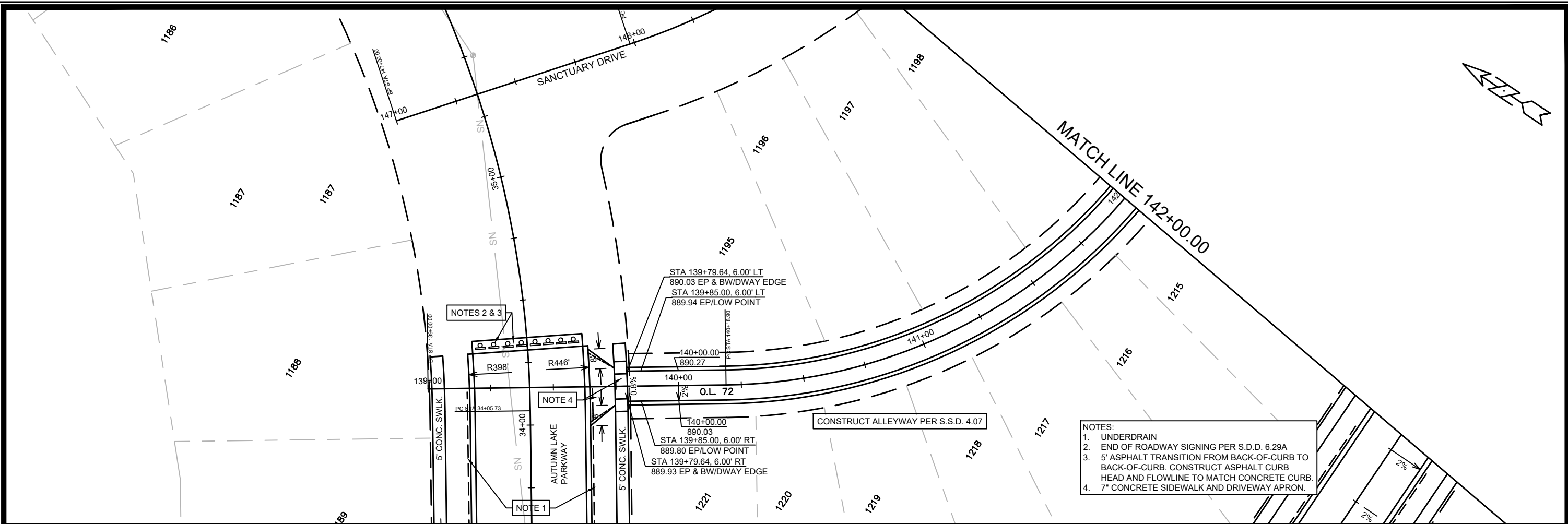


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REVISION	
MARK	Scale: 1" = 40'
Designed By: AJC	Date: 4/14/2021 4:50 PM
13303	P-13

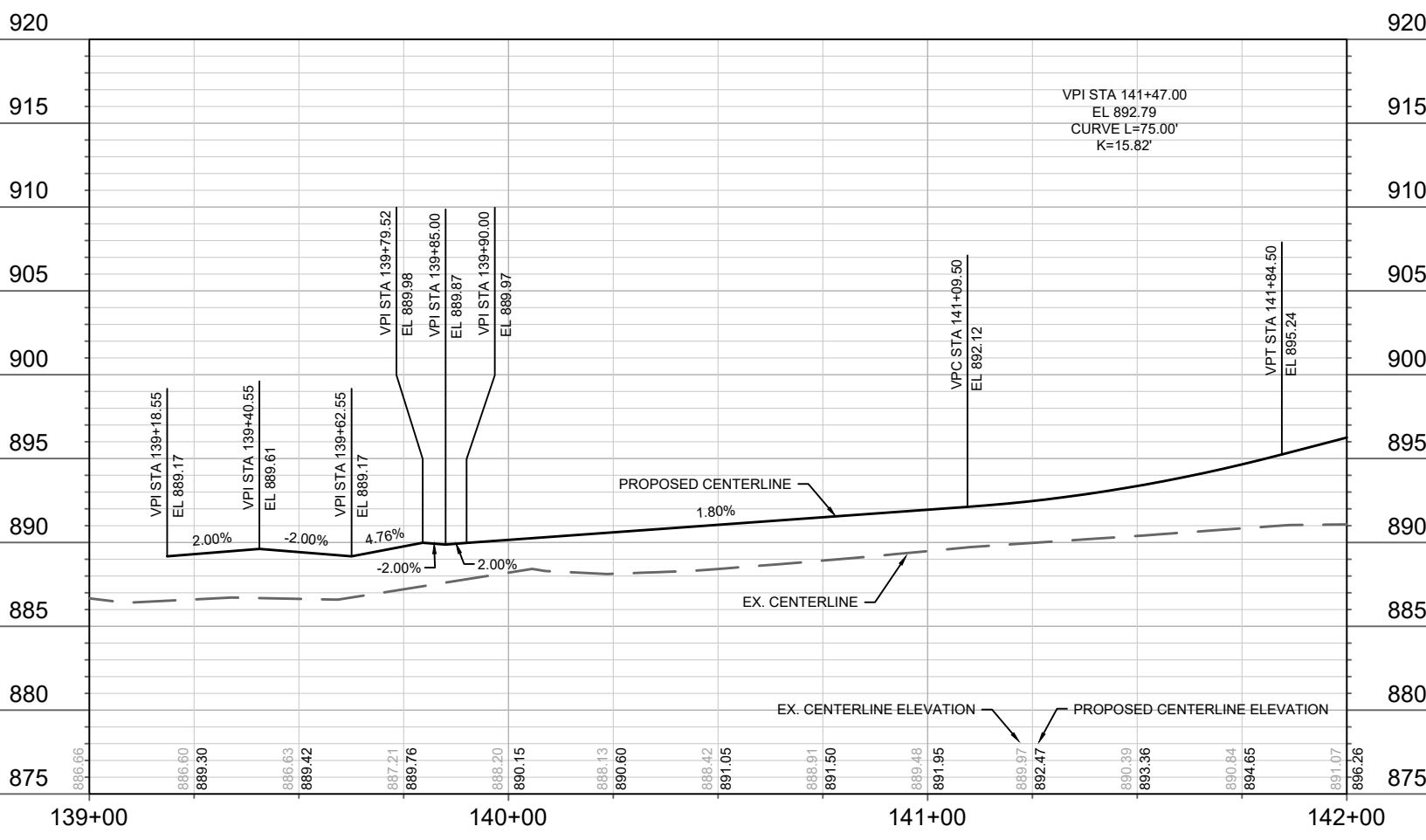
13303
MADISON, WI
8976
CONTRACT NO:

OL 46 & 47 PATH - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
M:\DESIGN\Projects\13303\CAD\Streets\13303EN-PnP.dwg

13303
P-13



- NOTES:
1. UNDERDRAIN
 2. END OF ROADWAY SIGNING PER S.D.D. 6.29A
 3. 5' ASPHALT TRANSITION FROM BACK-OF-CURB TO BACK-OF-CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.
 4. 7" CONCRETE SIDEWALK AND DRIVEWAY APRON.

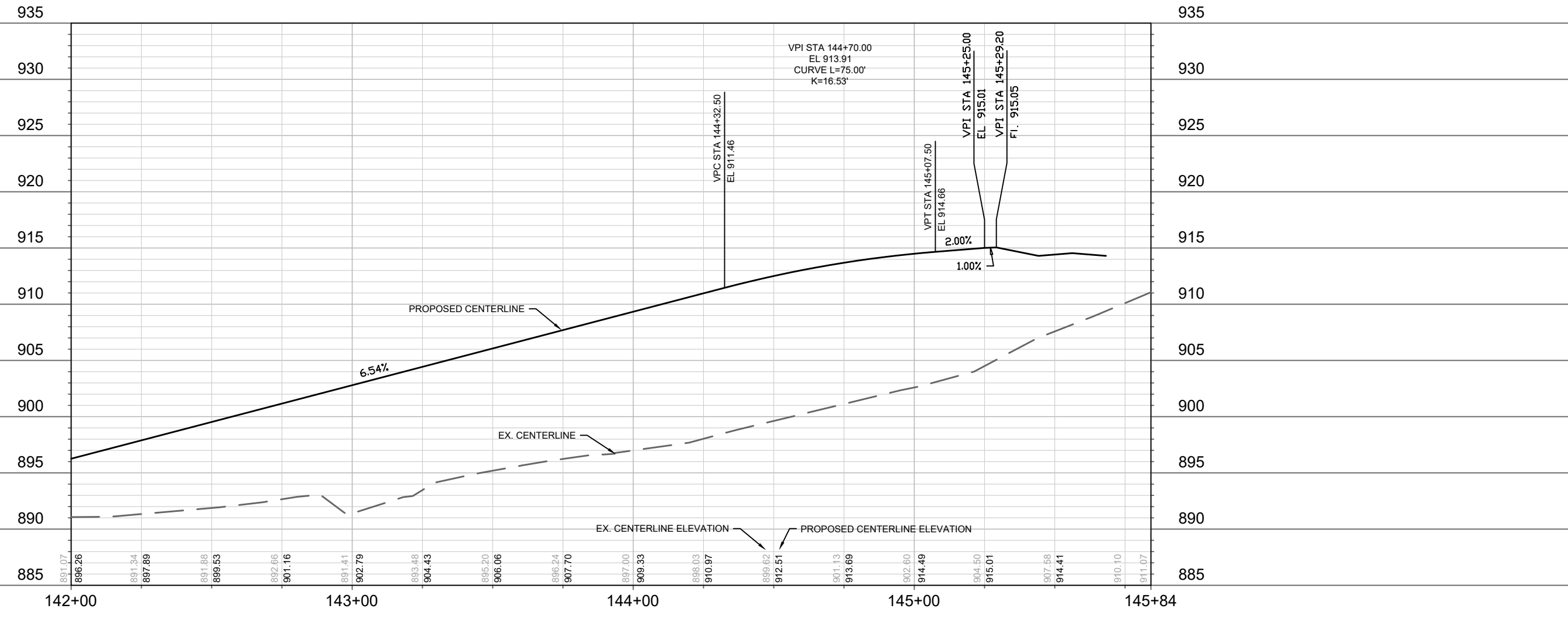
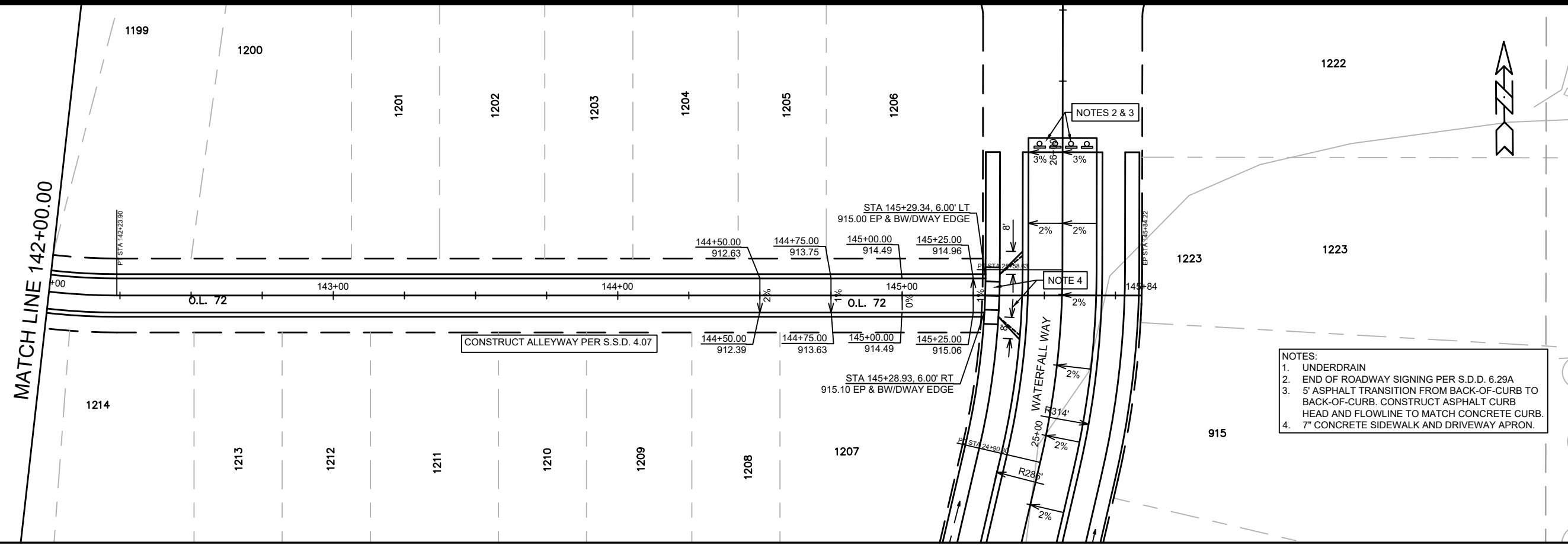


MARK	REVISION	DATE	BY

13303
MADISON, WI
CONTRACT NO: 8976

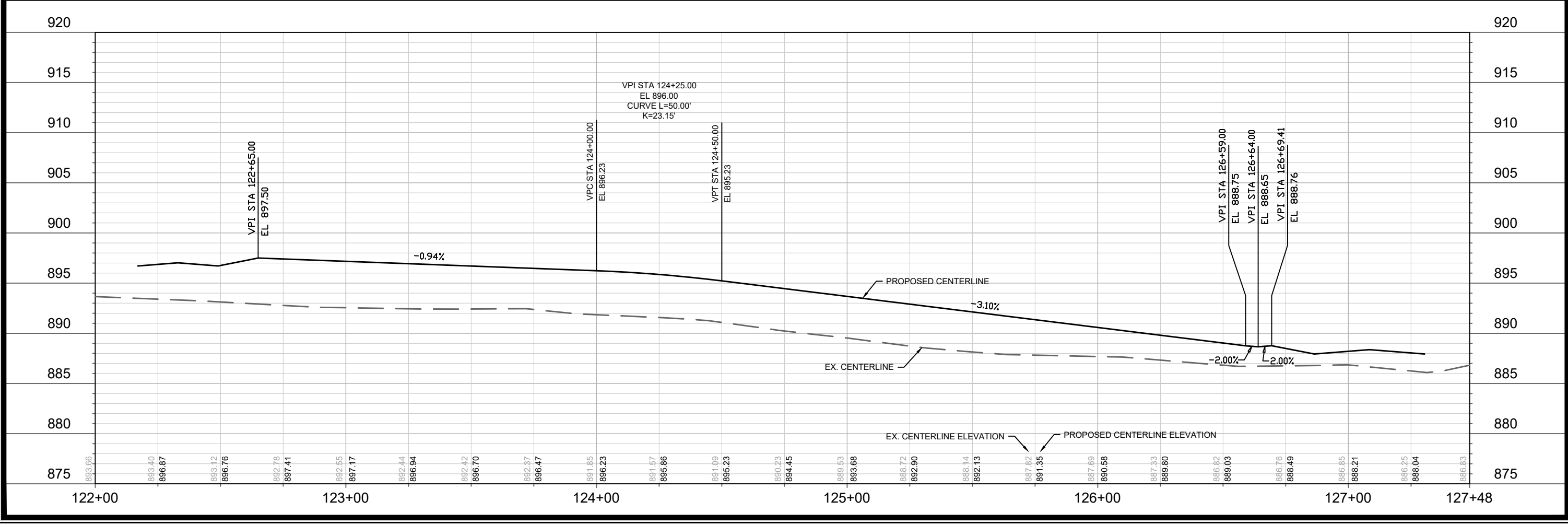
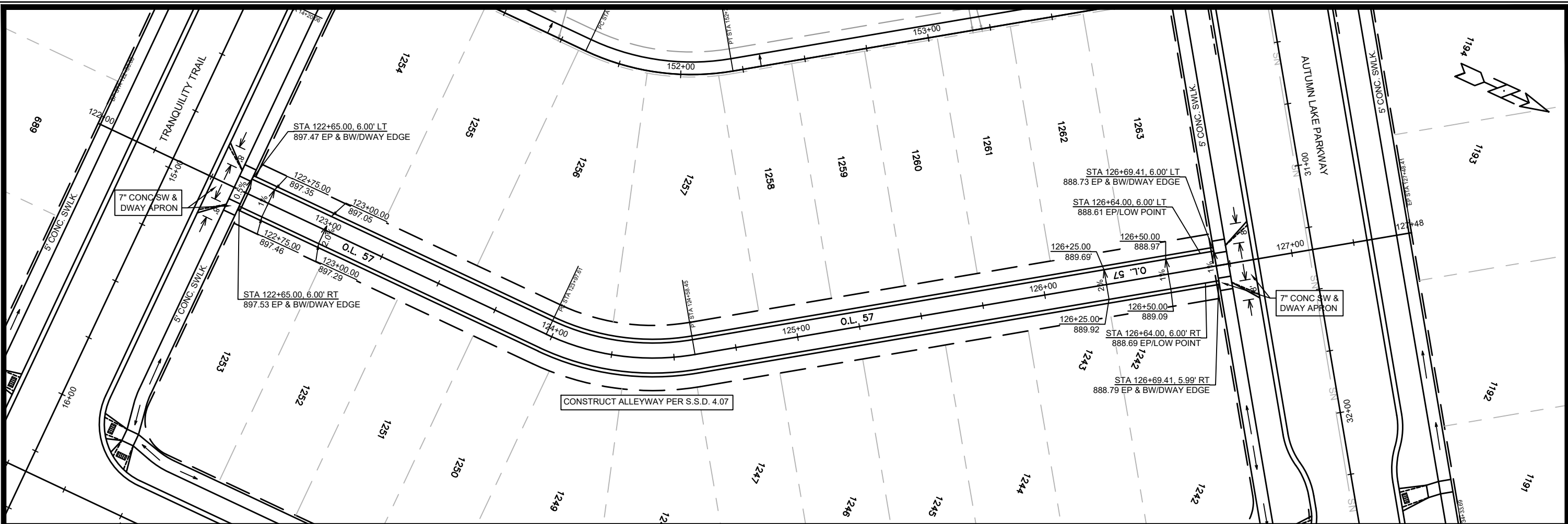
OL 72 - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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MARK	REVISION	DATE	BY

13303
MADISON, WI
CONTRACT NO: 8976



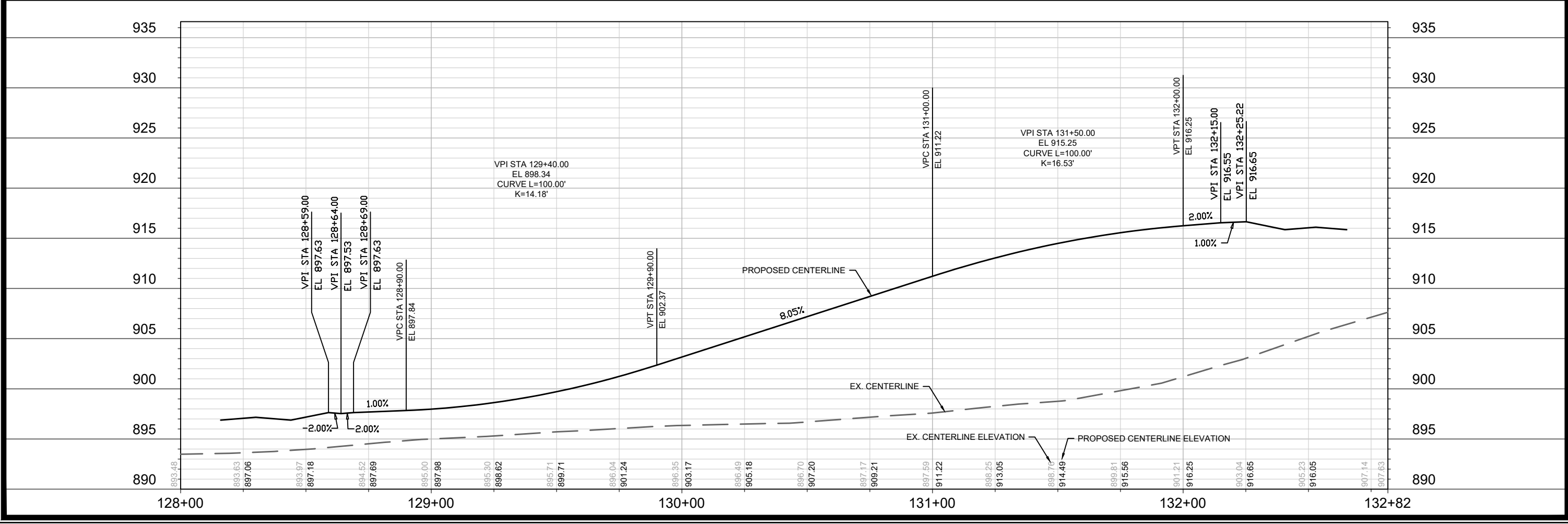
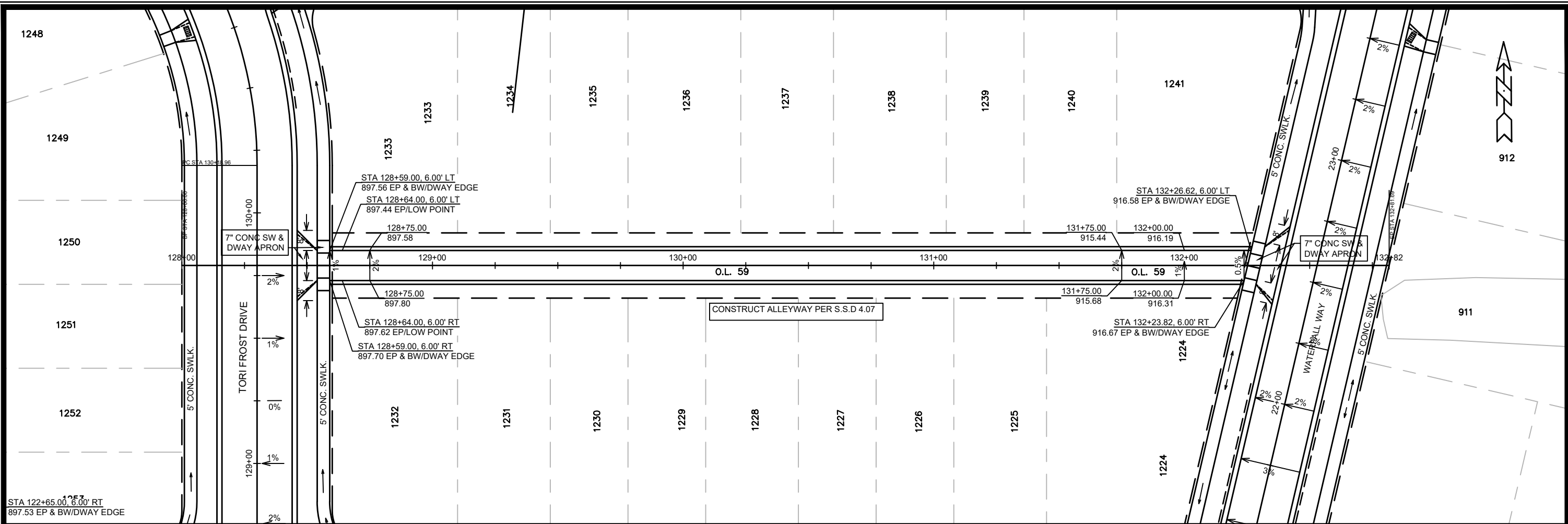
DATE	BY
REVISION	
MARK	
Designed By: AUC	Date: 4/14/2021 4:50 PM
13303	P-16

13303
 MADISON, WI
 CONTRACT NO: 8976

OL 67 - PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
 M:\DESIGN\Projects\13303\CAD\Streets\13303EN-PnP.dwg



13303
 P-16



DATE	BY
REVISION	
MARK	
Designed By: AJC	Date: 4/17/2021 4:50 PM
13303	P-17

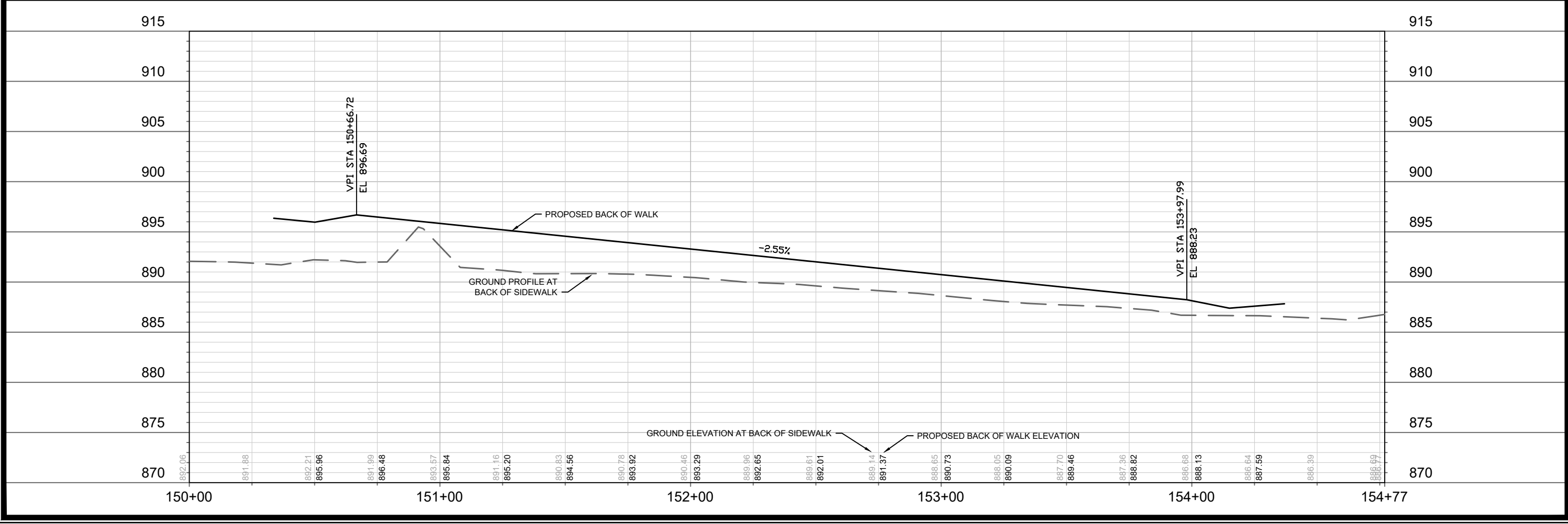
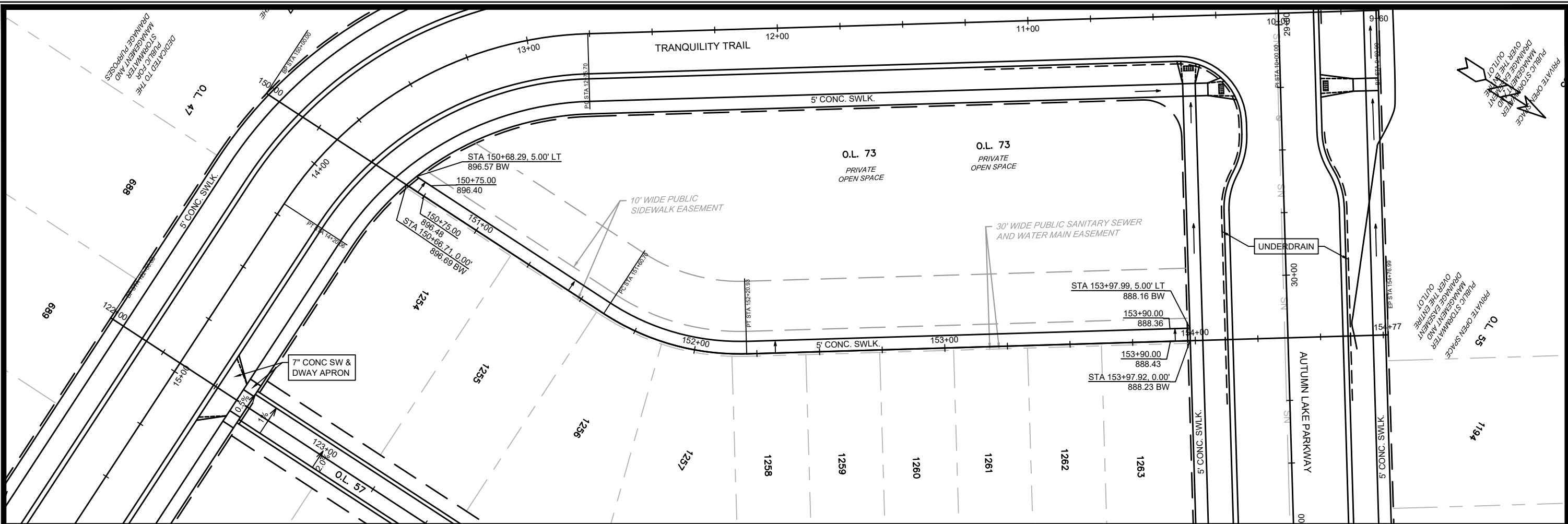
13303
MADISON, WI
CONTRACT NO: 8976


OL 47 - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11

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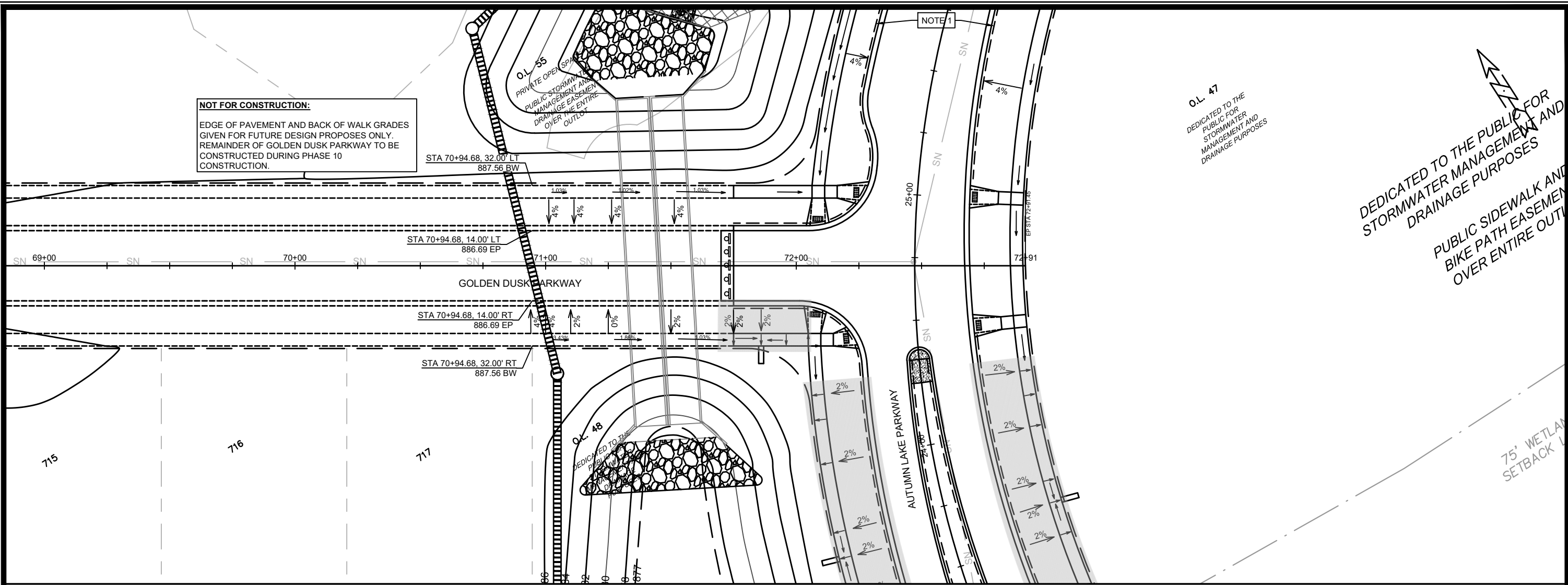


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P-17



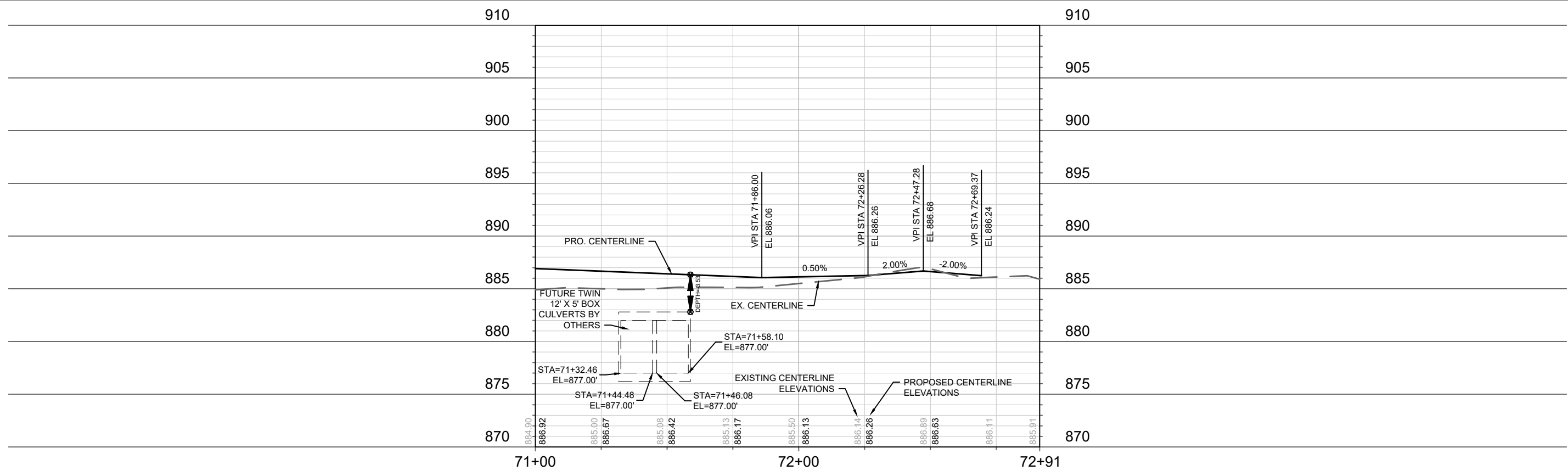
	13303 P-18	13303 8976 CONTRACT NO:	OL 73 SIDEWALK - PLAN & PROFILE VILLAGE AT AUTUMN LAKE: PHASE 11
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NOT FOR CONSTRUCTION:
 EDGE OF PAVEMENT AND BACK OF WALK GRADES GIVEN FOR FUTURE DESIGN PROPOSES ONLY. REMAINDER OF GOLDEN DUSK PARKWAY TO BE CONSTRUCTED DURING PHASE 10 CONSTRUCTION.



O.L. 47
 DEDICATED TO THE PUBLIC FOR STORMWATER MANAGEMENT AND DRAINAGE PURPOSES

DEDICATED TO THE PUBLIC FOR STORMWATER MANAGEMENT AND DRAINAGE PURPOSES
 PUBLIC SIDEWALK AND BIKE PATH EASEMENT OVER ENTIRE OUTLET



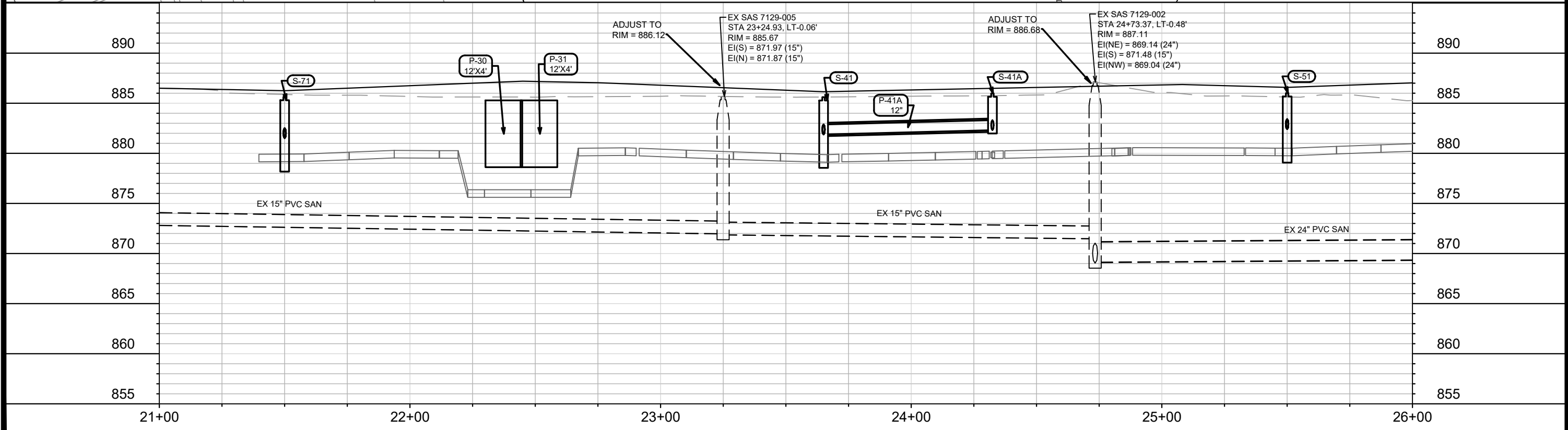
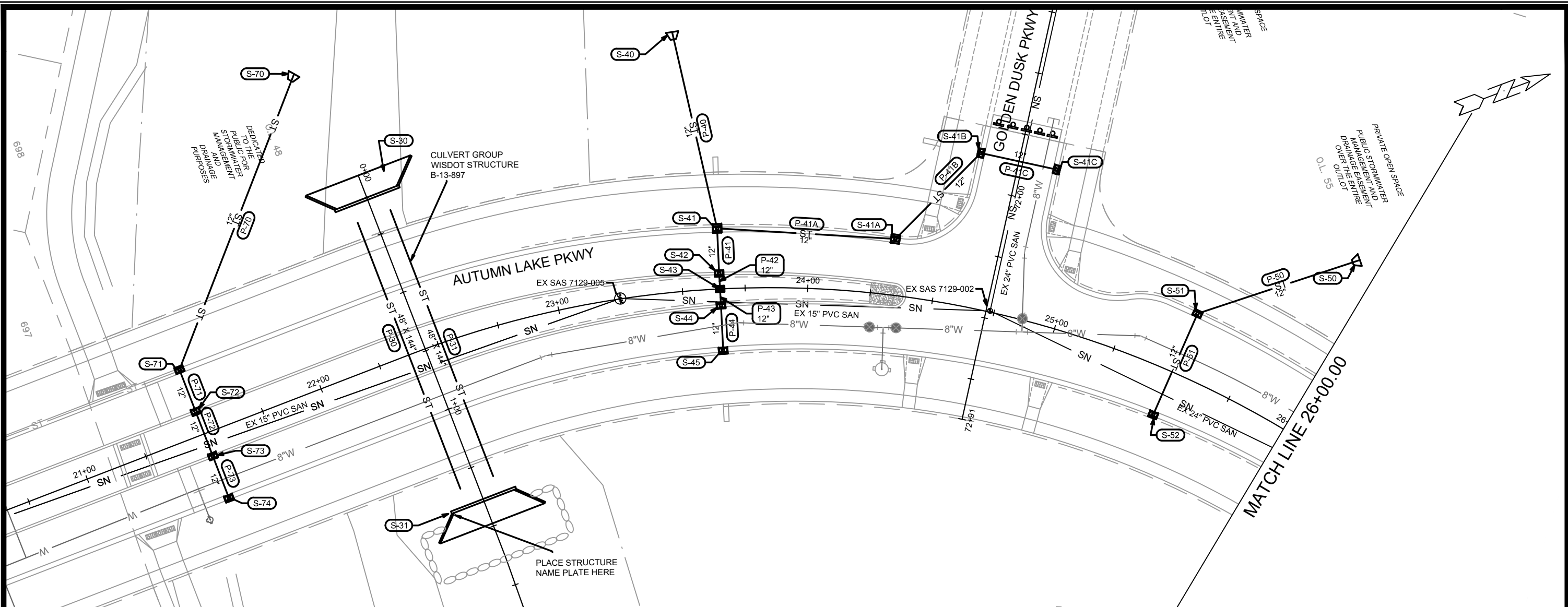
13303
MADISON, WI
CONTRACT NO: 8976

FUTURE GOLDEN DUSK PARKWAY - PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11

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13303
P-19

Scale: 1" = 40'
 Date: 4/14/2021 4:21 PM
 P-19



WATER AND SEWER UTILITY PLAN AND PROFILE
 DATE: 12/12/2021 12:16 PM
 SCALE: 1" = 40'
 U-1

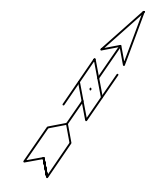
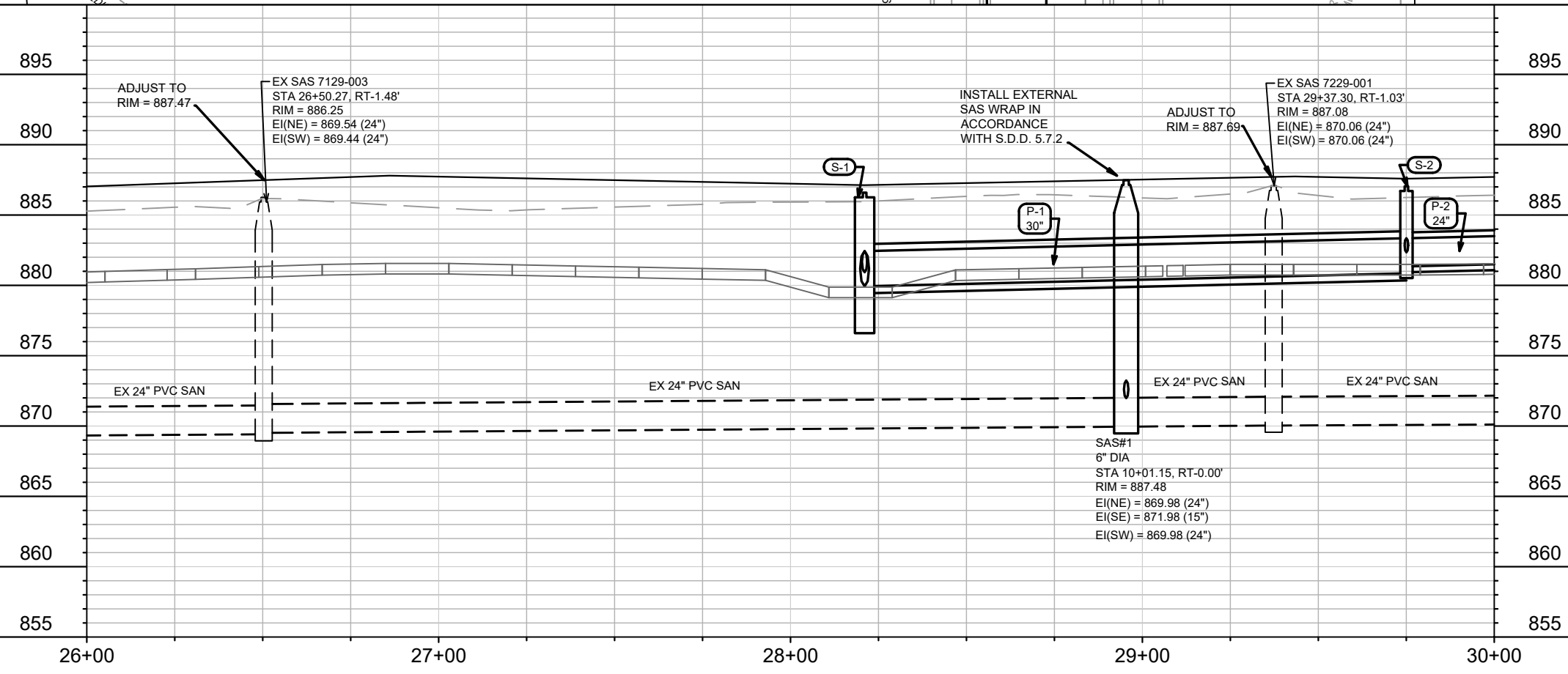
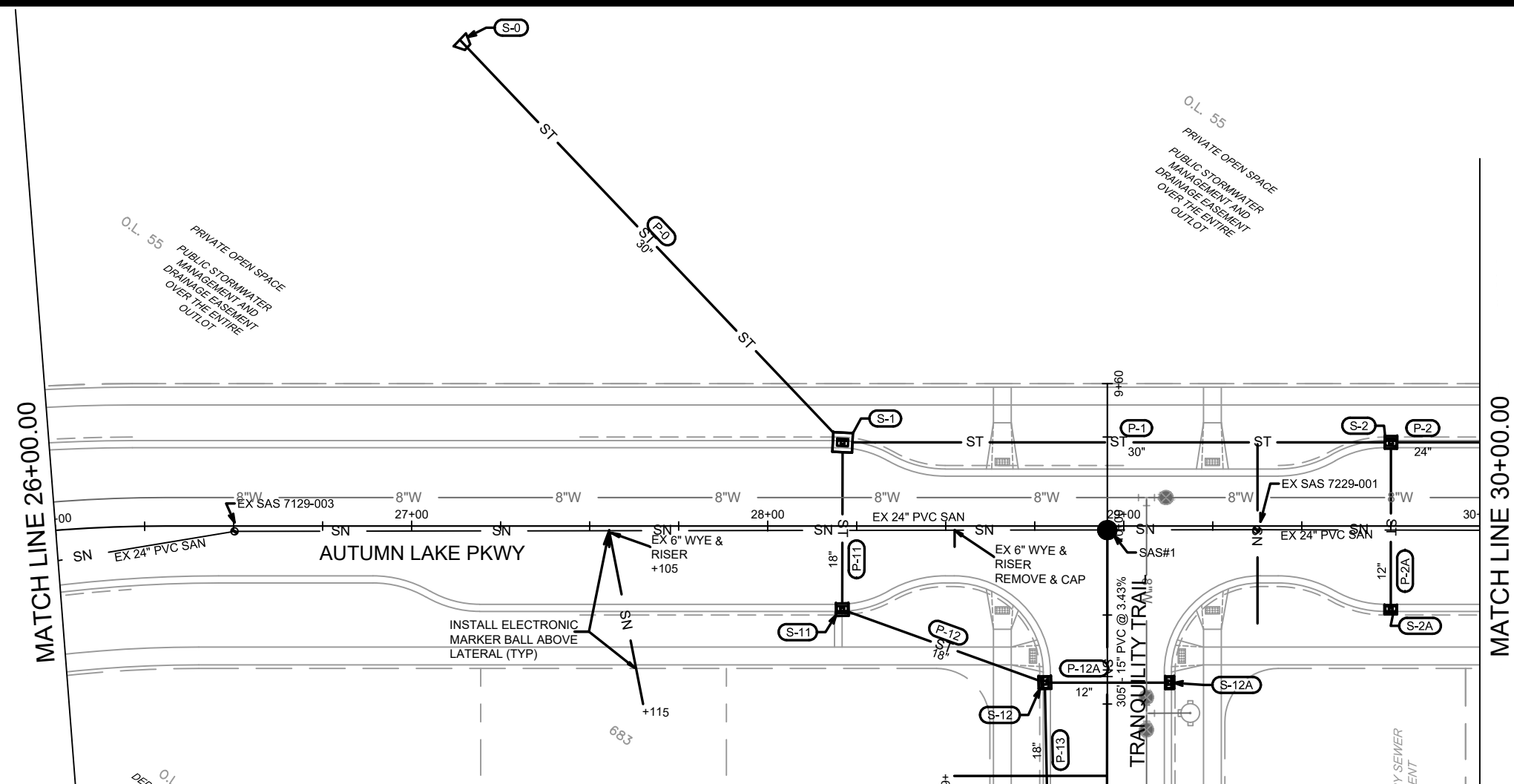
MARK	REVISION	DATE	BY

13303
U-1

13303
MADISON, WI
8976
CONTRACT NO:

AUTUMN LAKE PARKWAY - UTILITIES PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
U-1



MARK	REVISION	DATE	BY
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Designed By: EEA			Scale: 1" = 40'

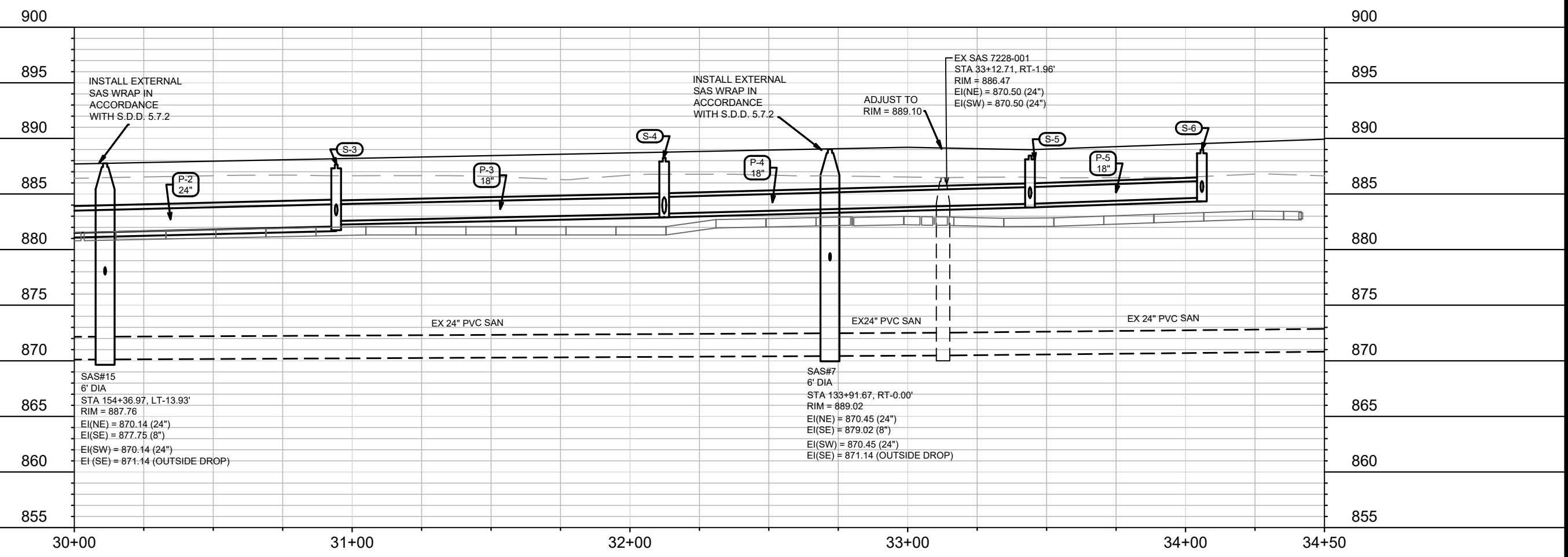
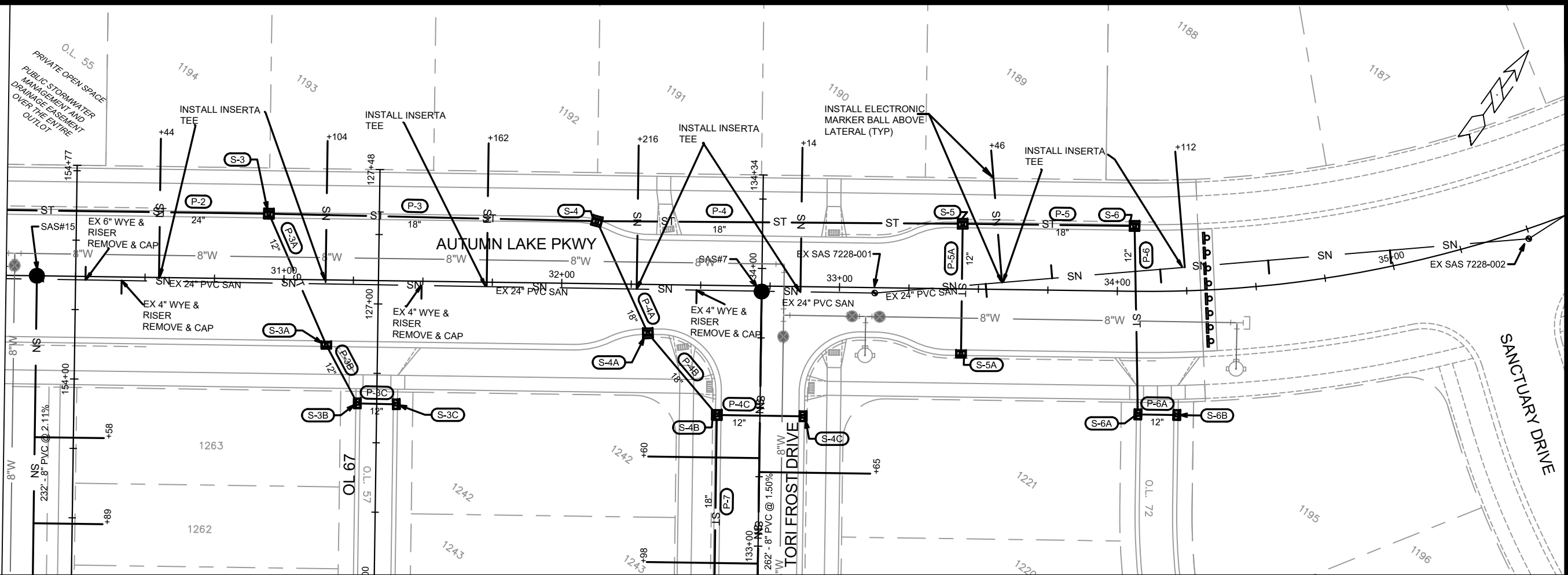
13303
 MADISON, WI
 CONTRACT NO: 8976

AUTUMN LAKE PARKWAY - UTILITIES PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
 M:\DESIGN\Projects\13303\CAD\Sewers\13303SWR-PipeNetwork.dwg



13303
 U-2

MATCH LINE 30+00.00



13303
MADISON, WI
CONTRACT NO: 8976

AUTUMN LAKE PARKWAY - UTILITIES PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11

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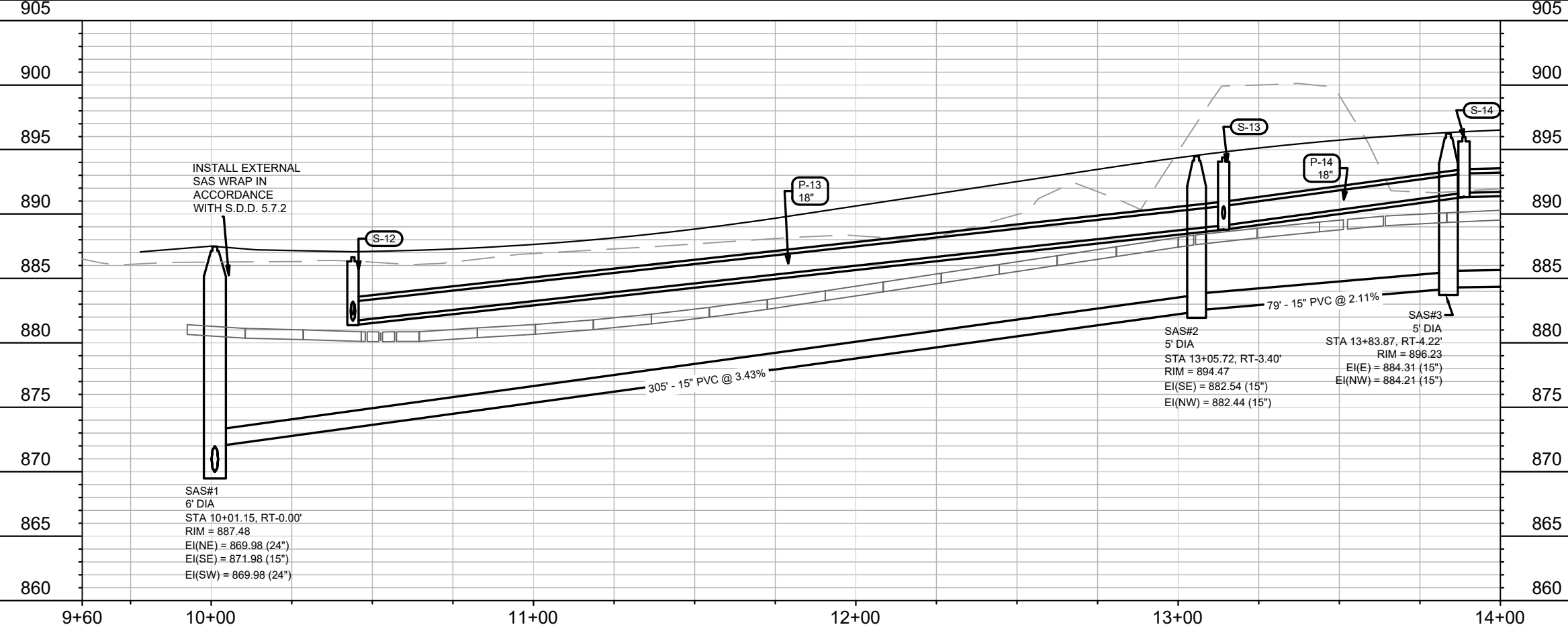
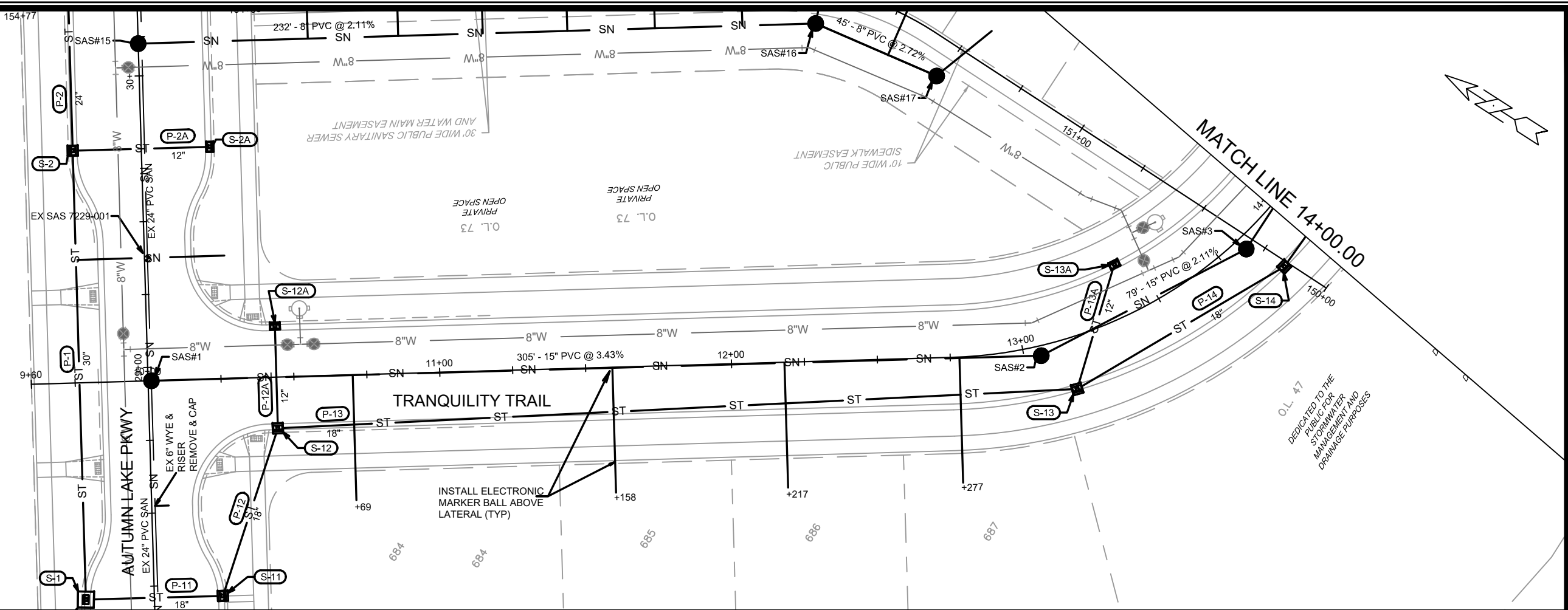
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U-3

REVISION	DATE	BY

Scale: 1" = 40'

O.L. 55
PRIVATE OPEN SPACE
PUBLIC STORMWATER
MANAGEMENT AND
DRAINAGE EASEMENT
OVER THE ENTIRE
OUTLOT

O.L.
PRIVATE OPEN SPACE
PUBLIC STORMWATER
MANAGEMENT AND
DRAINAGE EASEMENT
OVER THE ENTIRE
OUTLOT



INSTALL EXTERNAL
SAS WRAP IN
ACCORDANCE
WITH S.D.D. 5.7.2

305' - 15" PVC @ 3.43%

SAS#2
5' DIA
STA 13+05.72, RT-3.40'
RIM = 894.47
EI(SE) = 882.54 (15")
EI(NW) = 882.44 (15")

SAS#3
5' DIA
STA 13+83.87, RT-4.22'
RIM = 896.23
EI(E) = 884.31 (15")
EI(NW) = 884.21 (15")

79' - 15" PVC @ 2.11%

MARK	REVISION	DATE	BY

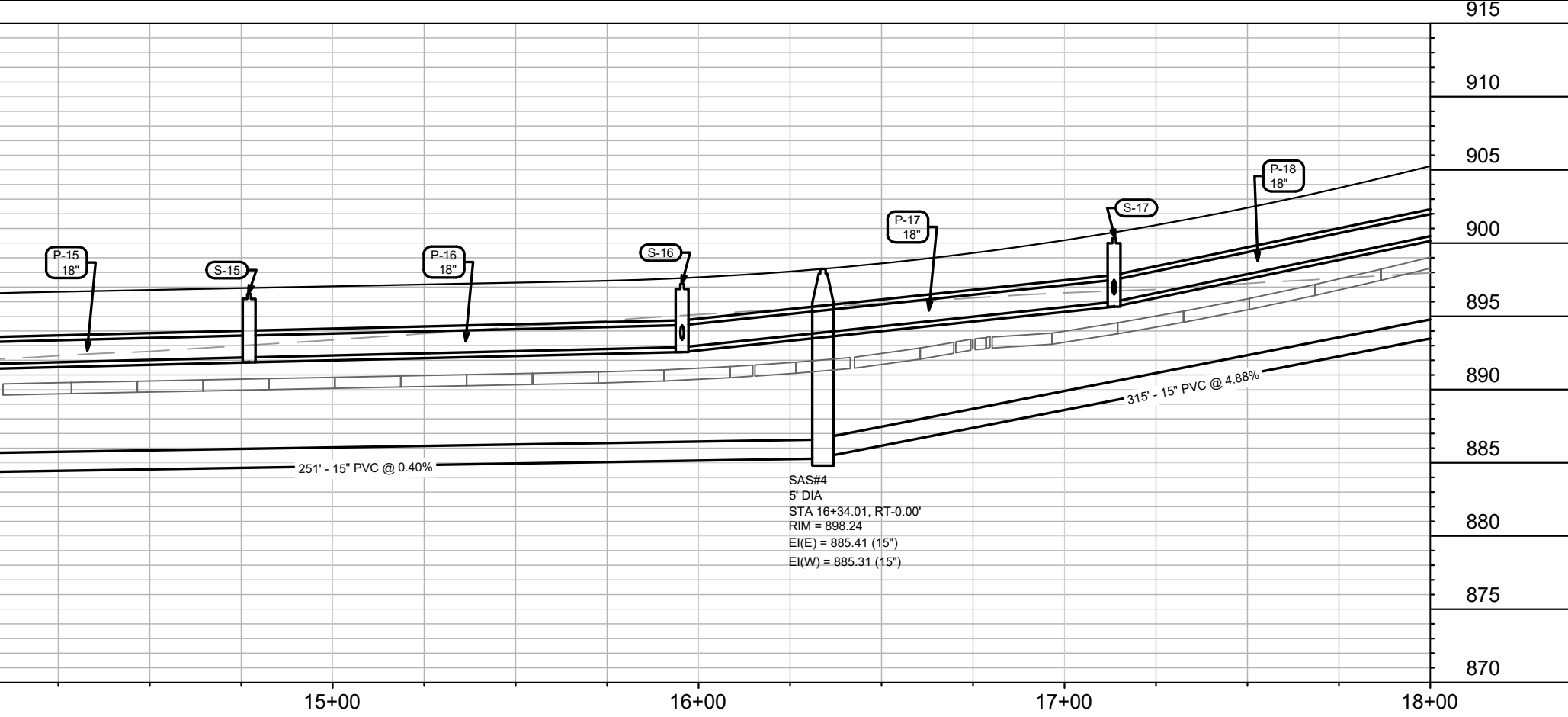
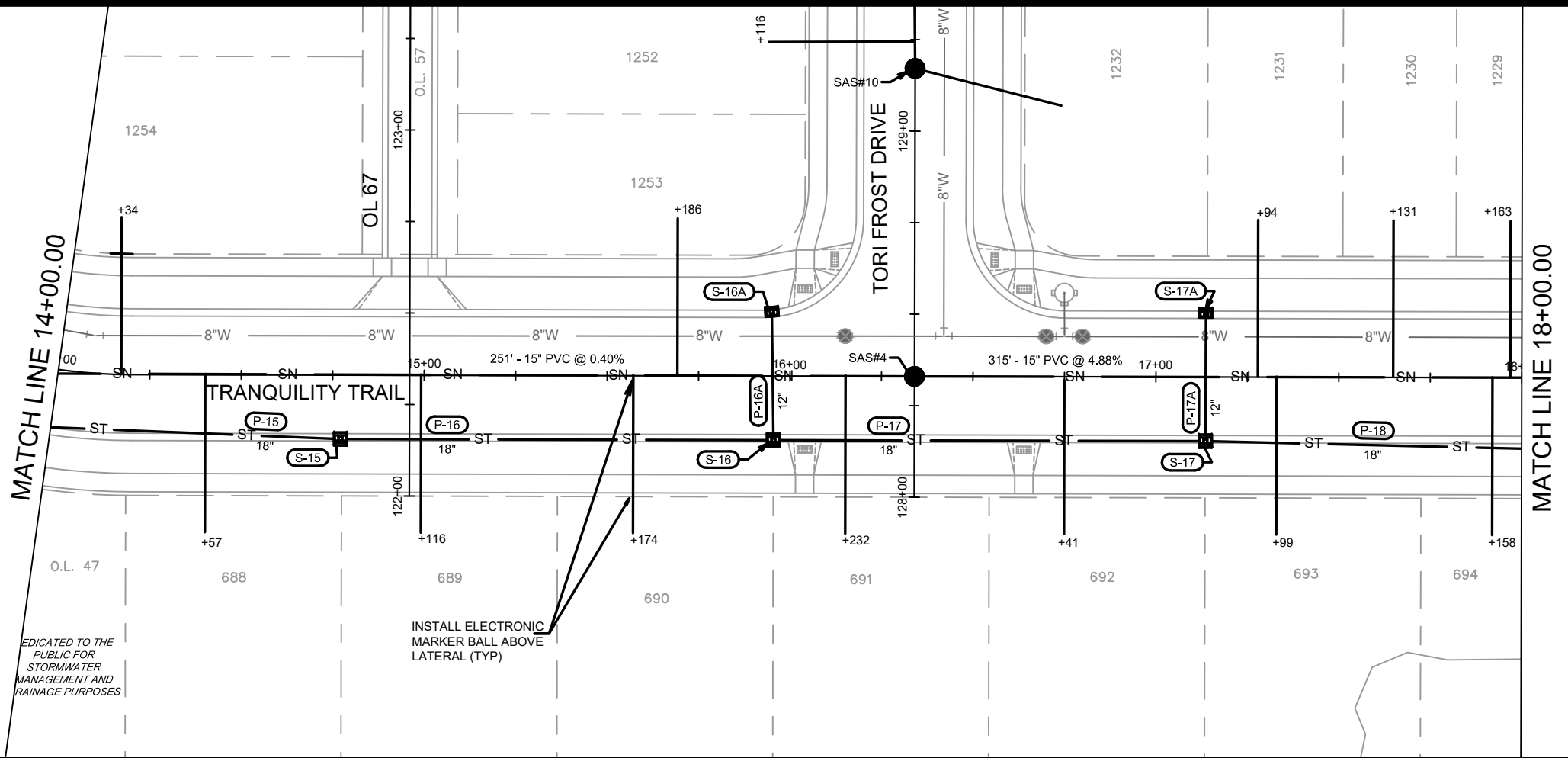
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13303 U-4

13303
MADISON, WI
CONTRACT NO: 8976

TRANQUILITY TRAIL - UTILITIES PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
M:\DESIGN\Projects\13303\CAD\Sewers\13303SWR-PipeNetwork.dwg



13303
U-4



SAS#4
 5' DIA
 STA 16+34.01, RT-0.00'
 RIM = 898.24
 E(E) = 885.41 (15")
 E(W) = 885.31 (15")

DEDICATED TO THE
 PUBLIC FOR
 STORMWATER
 MANAGEMENT AND
 RAINAGE PURPOSES

INSTALL ELECTRONIC
 MARKER BALL ABOVE
 LATERAL (TYP)

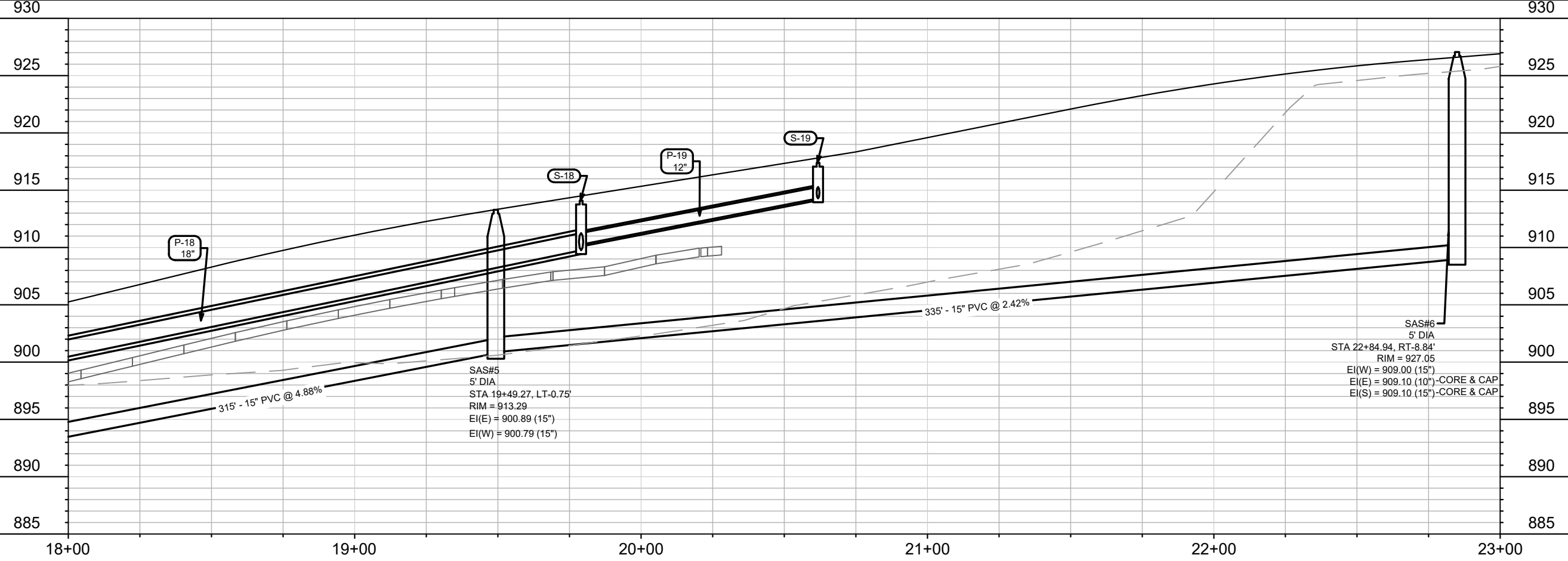
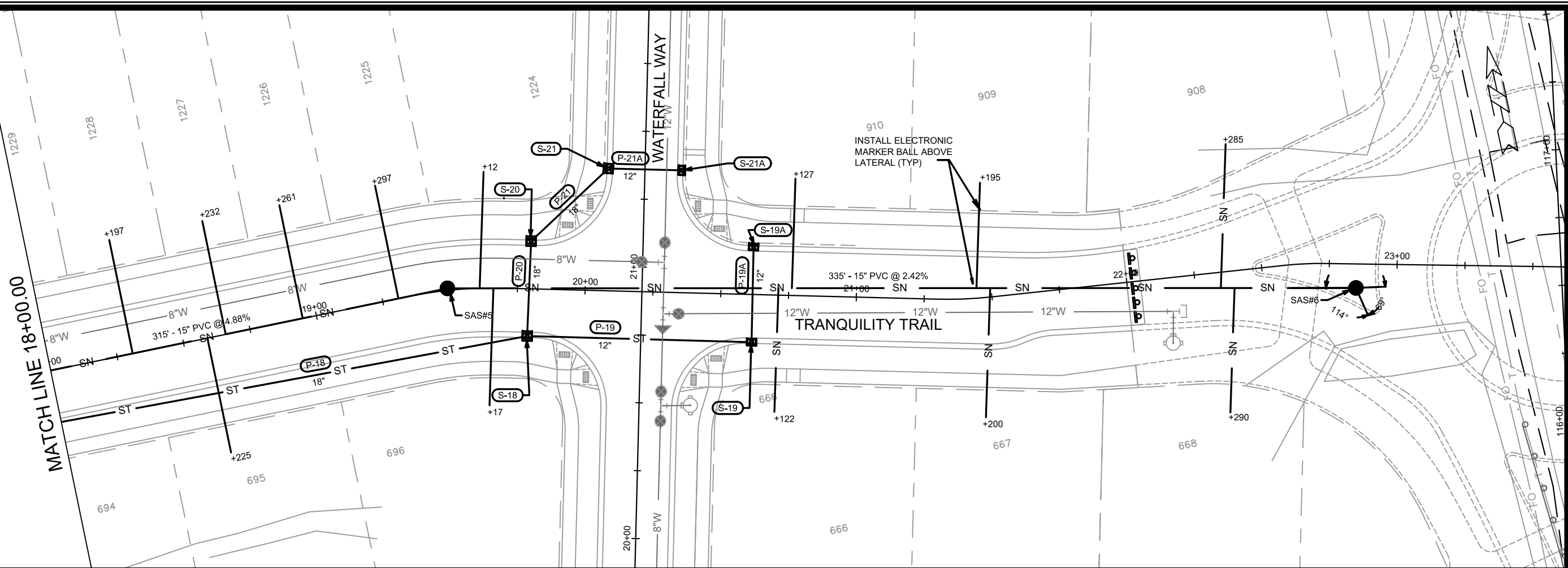


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MADISON, WI	REVISION	DATE
CONTRACT NO: 8976	Designed By: EEA	Date: 4/27/2021 12:52 PM
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TRANQUILITY TRAIL - UTILITIES PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
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CITY OF MADISON
 WISCONSIN

13303
 U-5

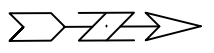
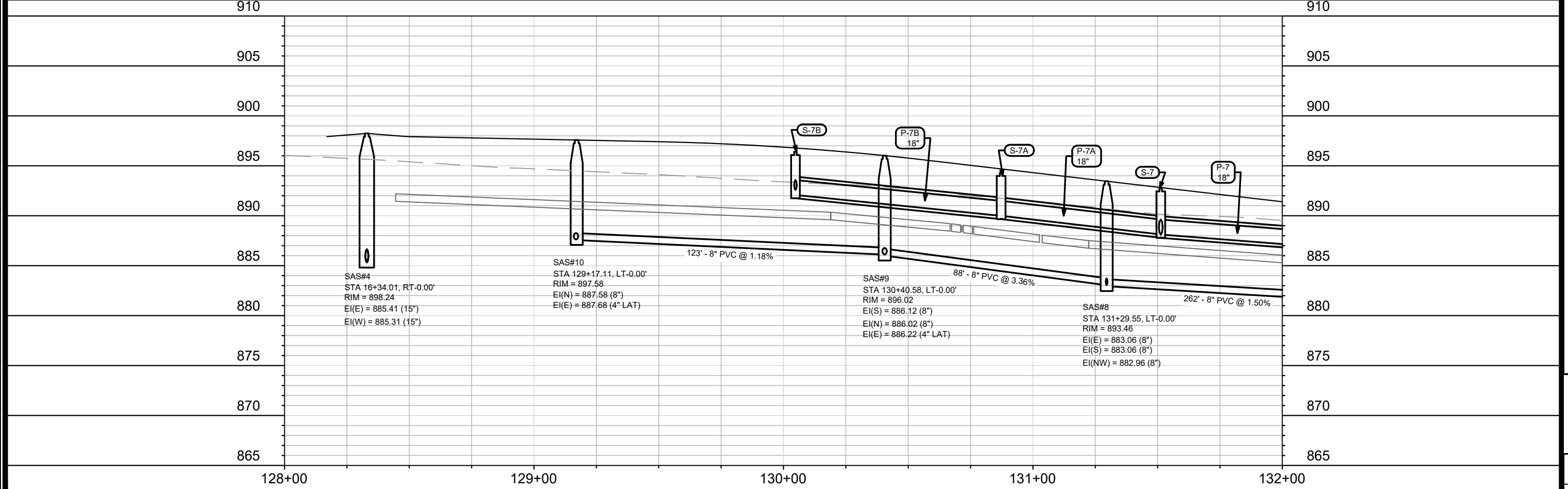
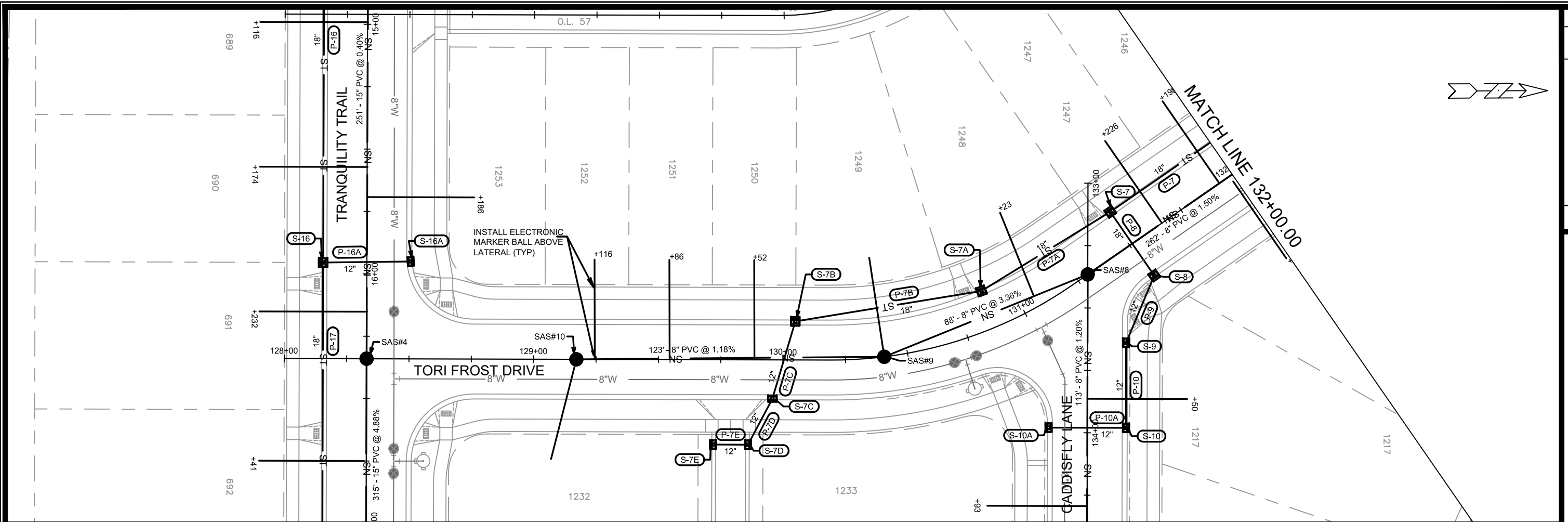


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13303	U-6	4/27/2021 12:39 PM	U-6

13303
MADISON, WI
CONTRACT NO: 8976

TRANQUILITY TRAIL - UTILITIES PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
U-6



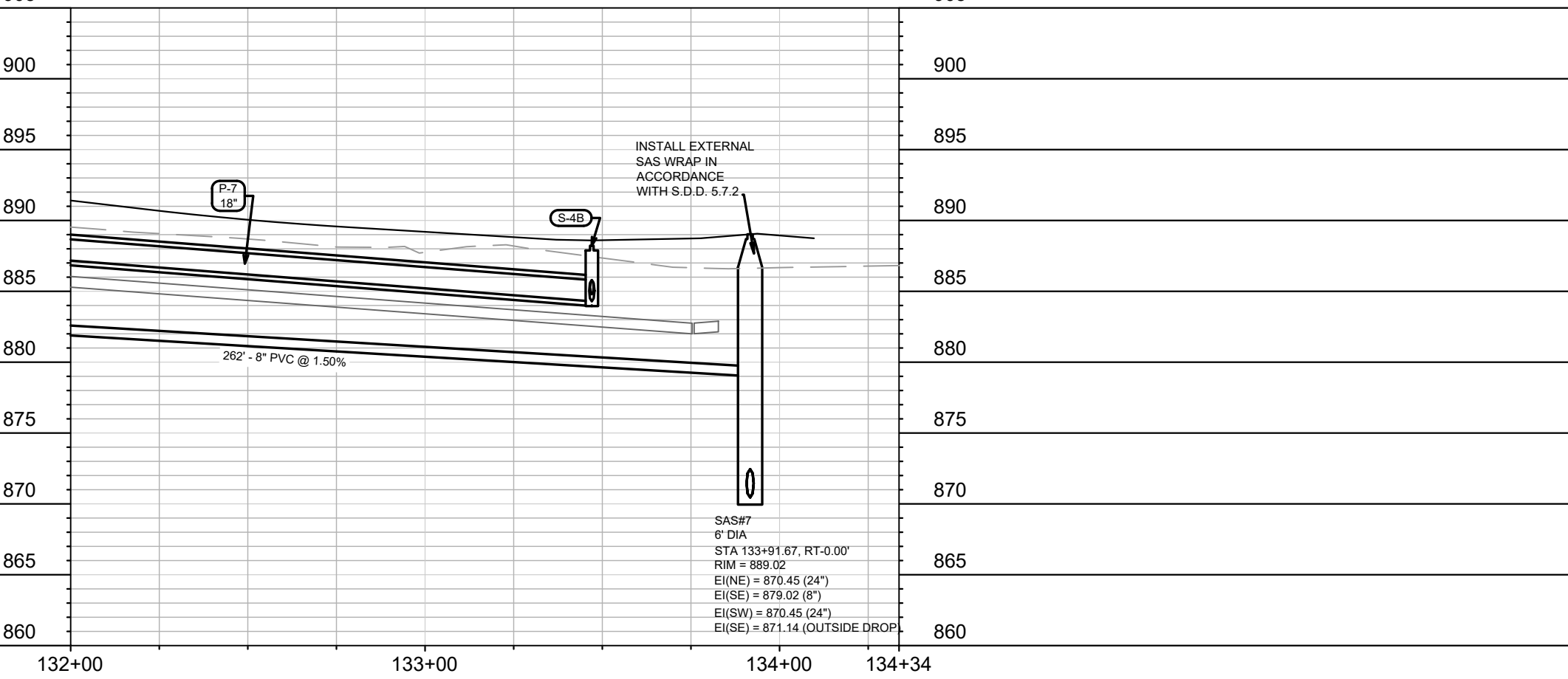
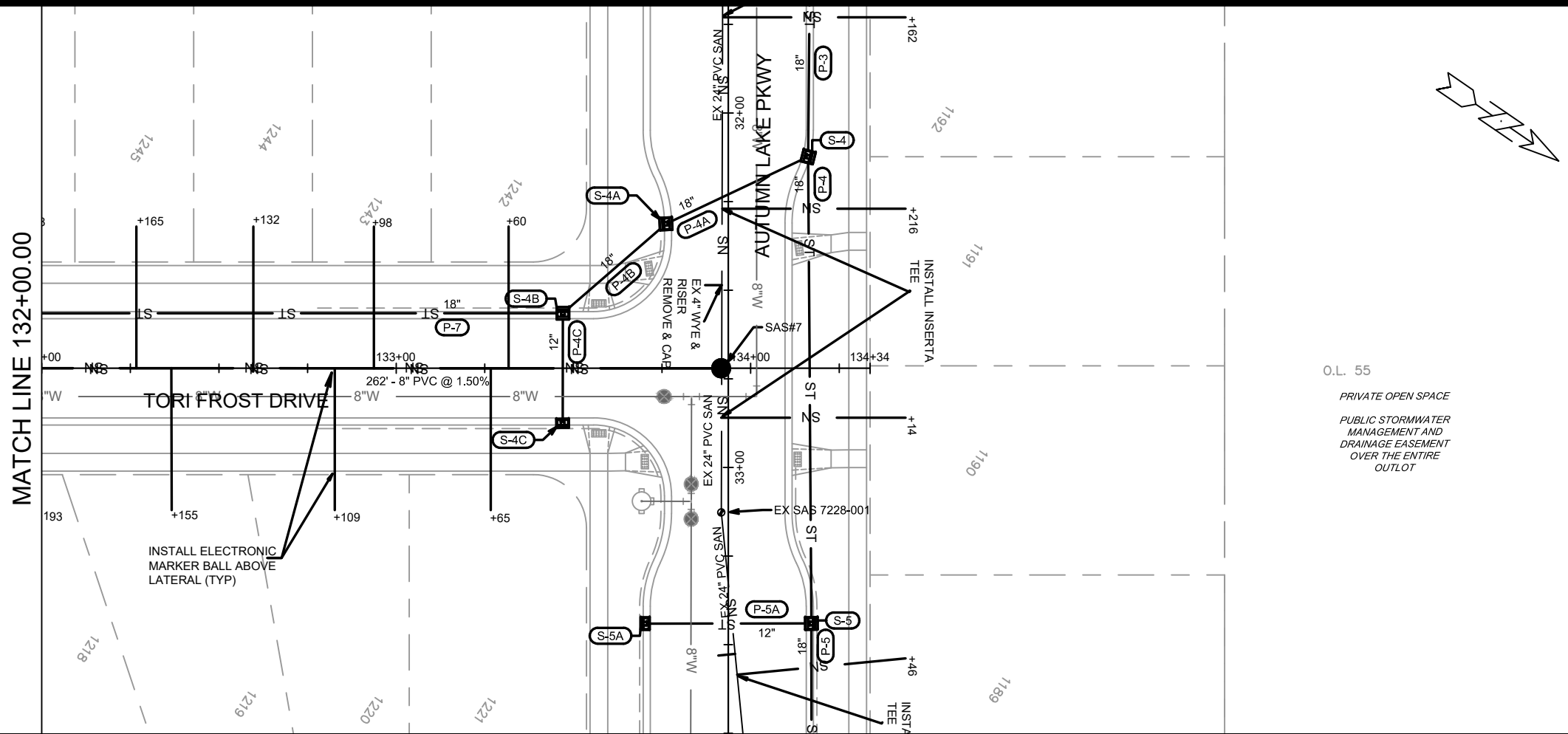
DATE	BY
REVISION	
MARK	DESIGNED BY: EEA
13303	DATE: 4/27/2021 12:45 PM
U-7	SCALE: 1" = 40'

13303
MADISON, WI
CONTRACT NO: 8976

TORI FROST DRIVE - UTILITIES PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
U-7



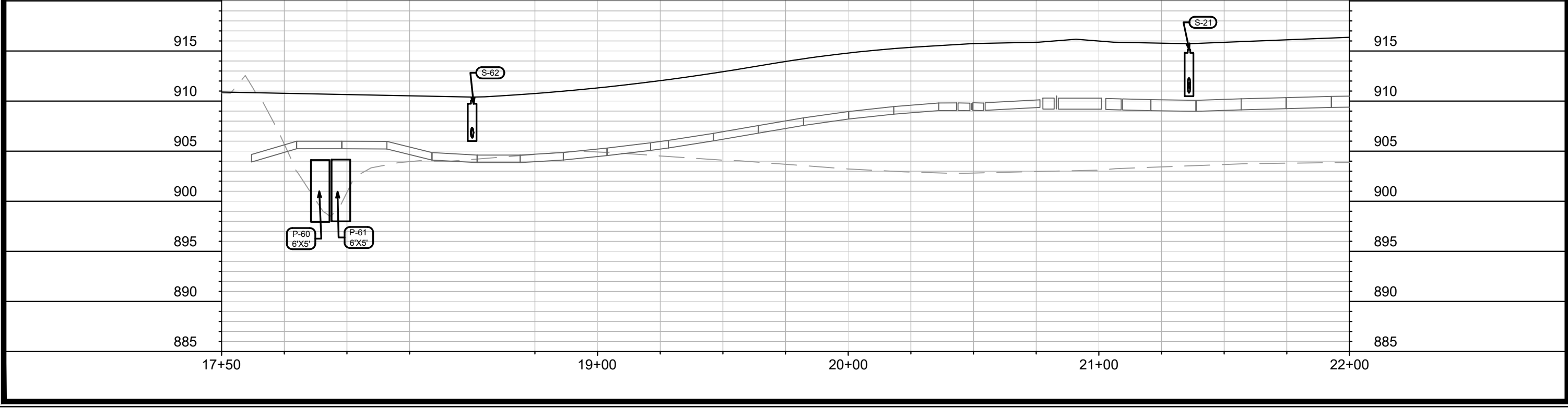
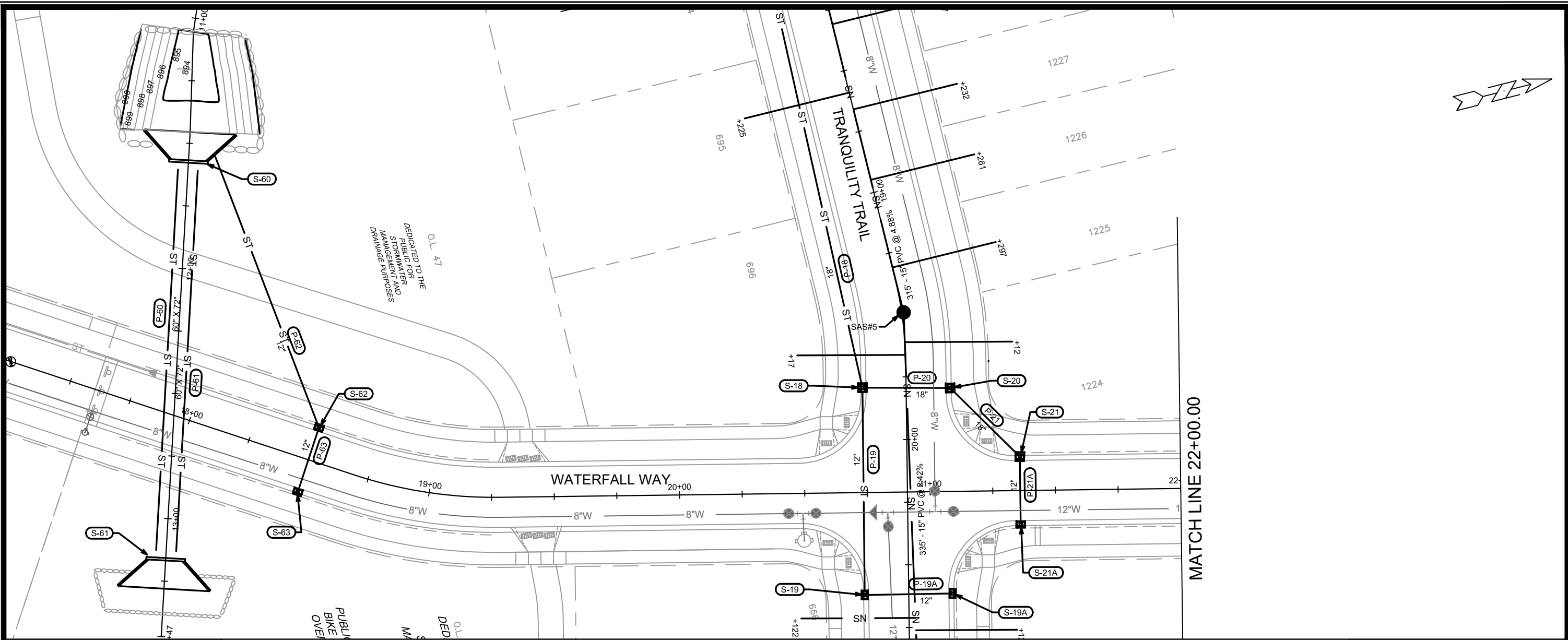
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13303	U-8	4/27/2021	12:02 PM

13303
MADISON, WI
CONTRACT NO: 8976

TORI FROST DRIVE - UTILITIES PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
U-8

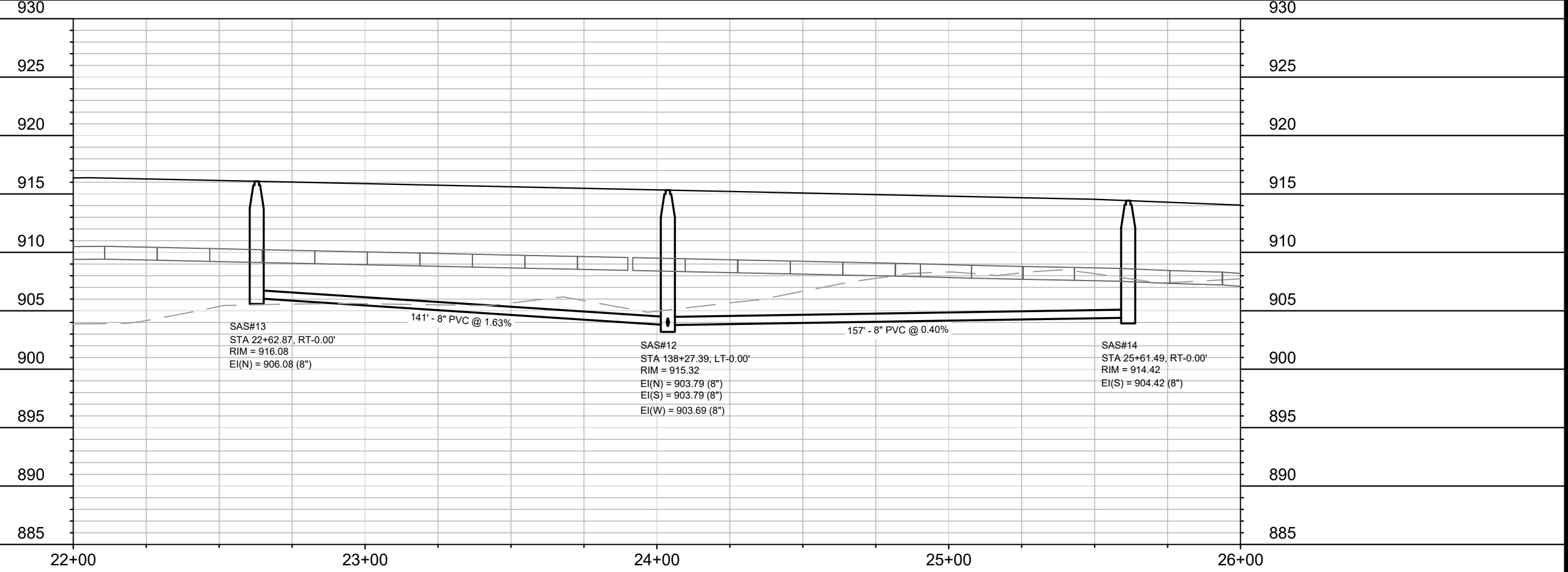
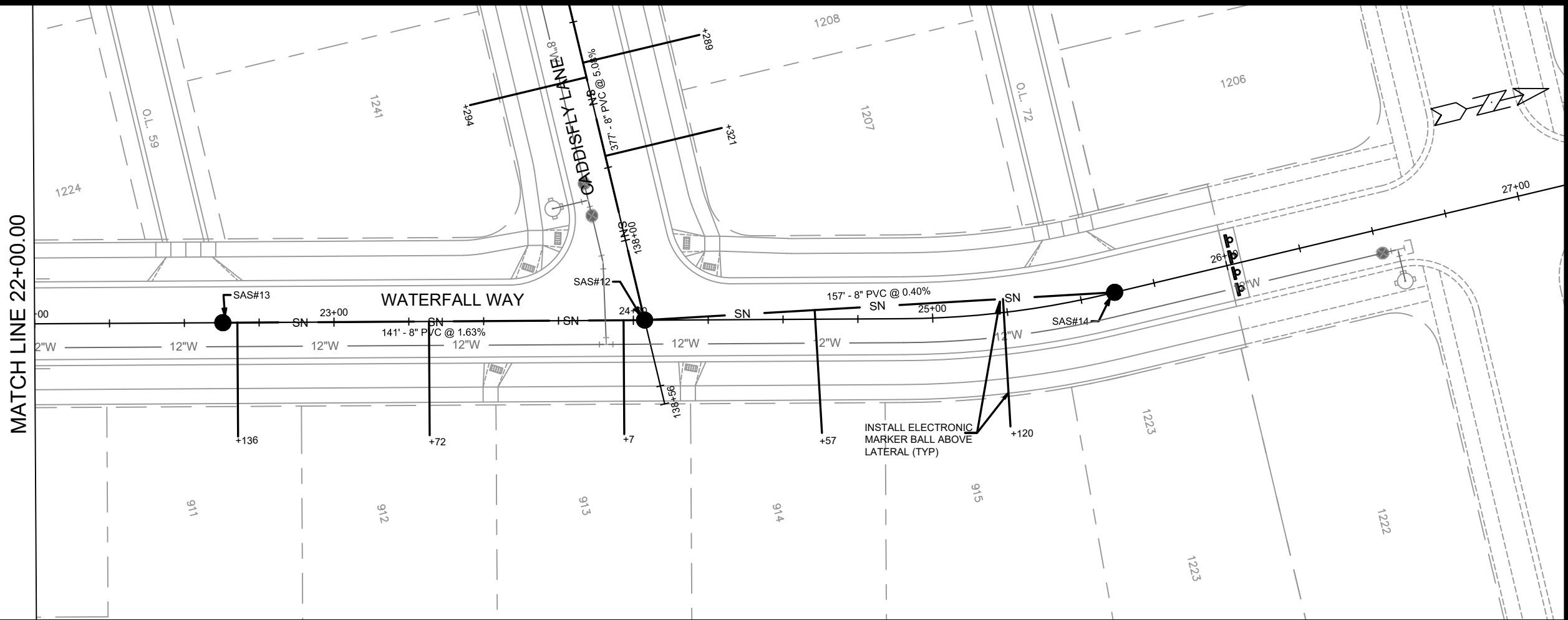


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U-9			

13303
 MADISON, WI
 CONTRACT NO: 8976

WATERFALL WAY - UTILITIES PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
 U-9

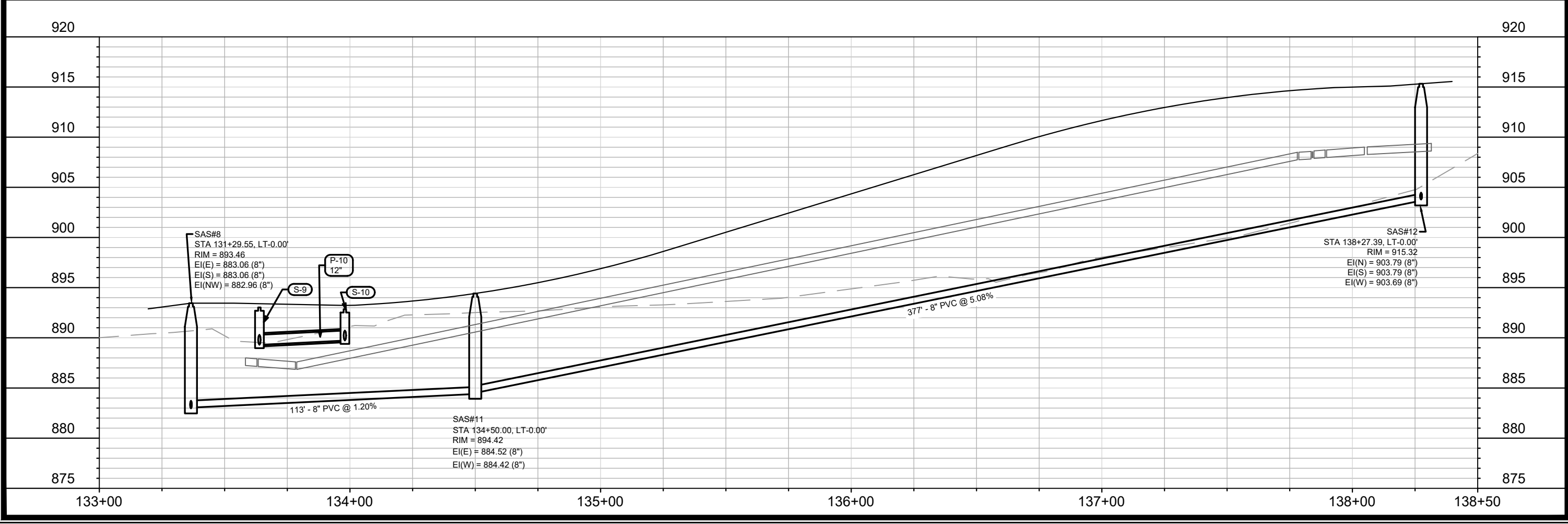
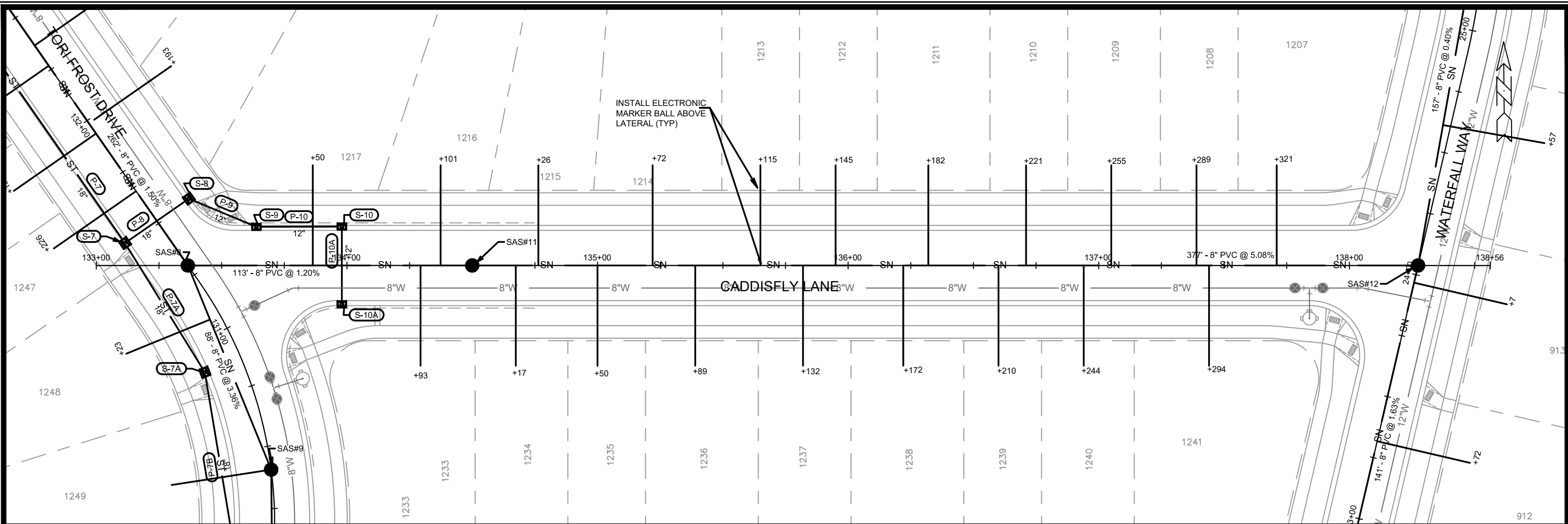


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13303	Designed By: EEA	Date: 4/14/2021 3:06 PM	Scale: 1" = 40'
13303			U-10

13303
MADISON, WI
CONTRACT NO.: 8976

WATERFALL WAY - UTILITIES PLAN & PROFILE
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U-10

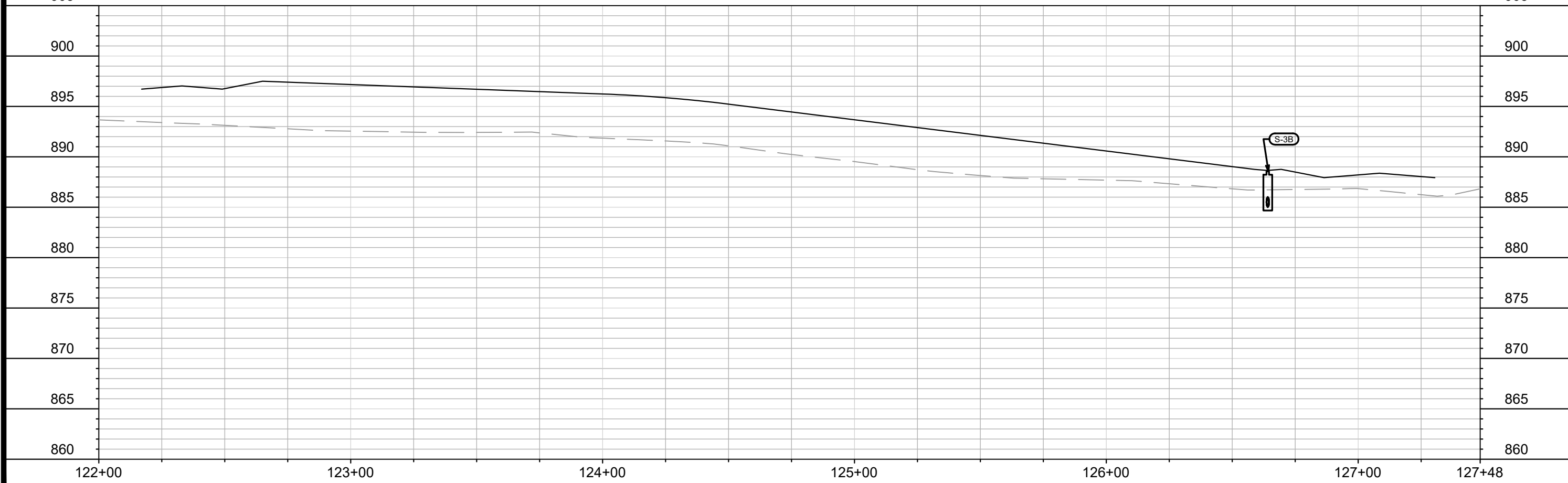
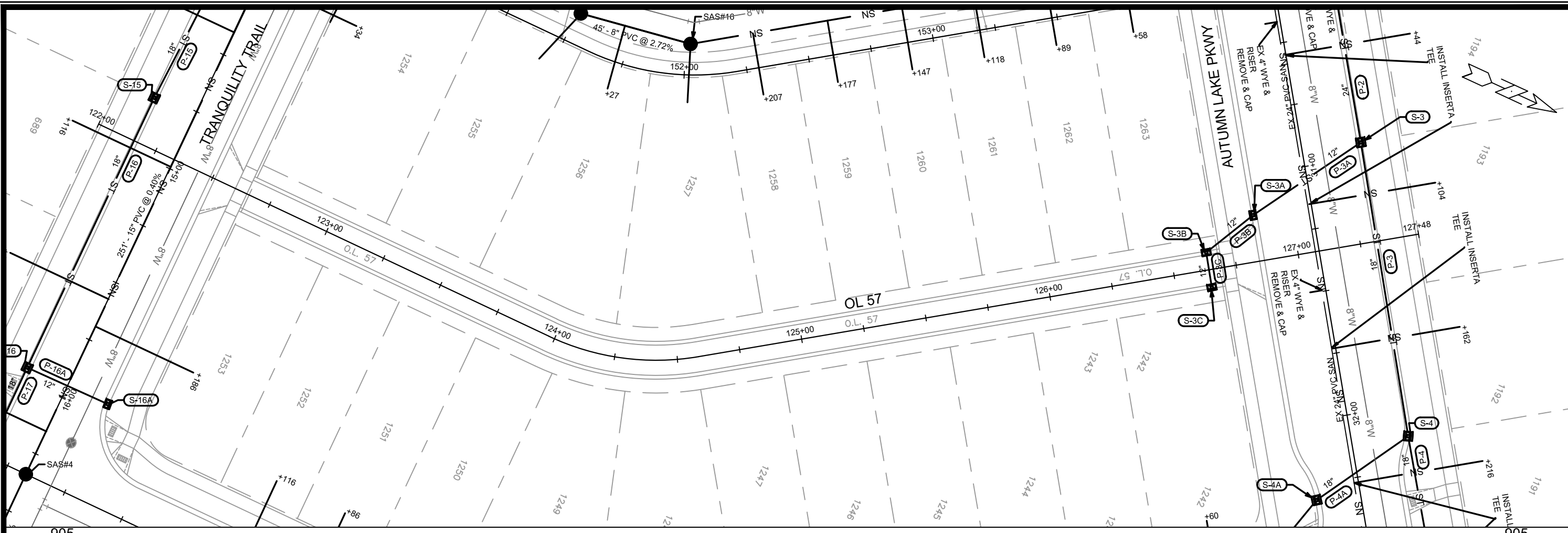


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13303
 MADISON, WI
 CONTRACT NO: 8976

CADDISFLY LANE - UTILITIES PLAN & PROFILE
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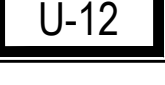
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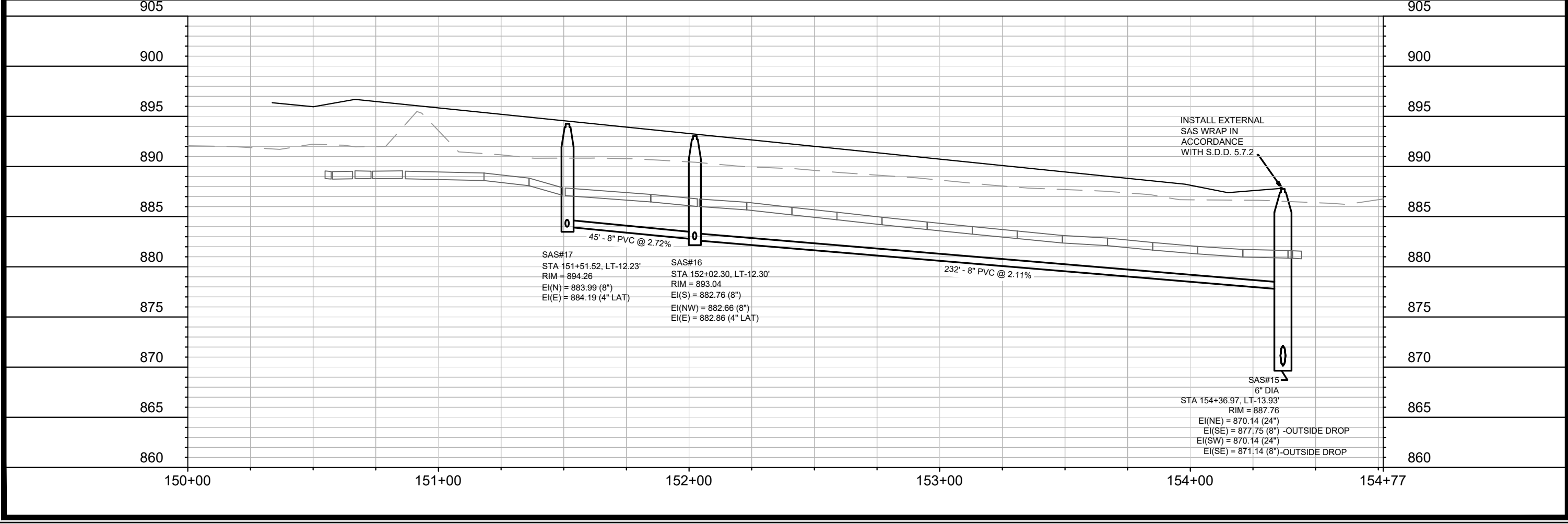
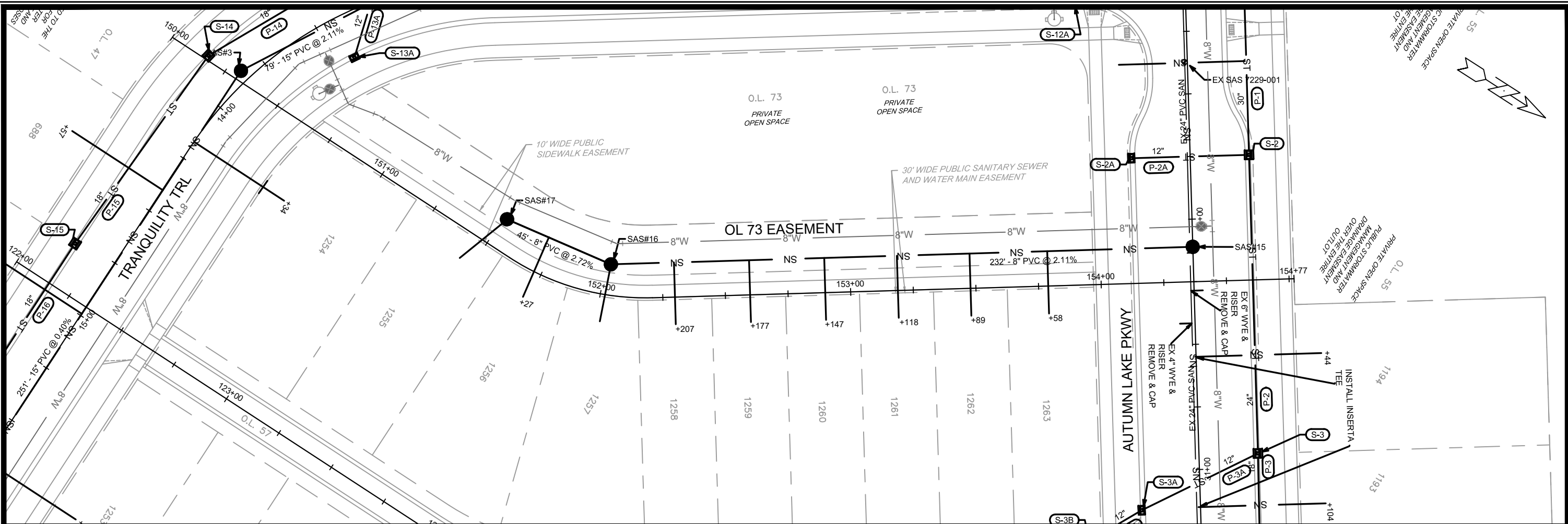
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13303
MADISON, WI
CONTRACT NO: 8976

OL 57 - UTILITIES PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
U-12



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13303	U-13	4/27/2021 11:50 AM	Scale: #####

13303
MADISON, WI
CONTRACT NO: 8976

OL 73 - UTILITIES PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
U-13

SANITARY SEWER SCHEDULE

VILLAGE AT AUTUMN LAKE PH 11

SHEET NO.

PROJECT NO. 13303

U-SAN

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
TRANQUILITY TRAIL						
SAS#1	10+01.15	RT-0.00	887.48	869.98	17.50	6' DIAM
SAS#2	13+05.72	RT-3.40	894.47	882.44	12.03	5' DIAM
SAS#3	13+83.87	RT-4.22	896.23	884.21	12.02	5' DIAM
SAS#4	16+34.01	RT-0.00	898.24	885.31	12.93	5' DIAM
SAS#5	19+49.27	LT-0.75	913.29	900.79	12.50	5' DIAM
SAS#6	22+84.94	RT-8.84	927.05	909.00	18.05	5' DIAM

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
SAS#1	SAS#2	871.98	882.44	305	3.43%	15"	SDR-35	-
SAS#2	SAS#3	882.54	884.21	79	2.11%	15"	SDR-35	-
SAS#3	SAS#4	884.31	885.31	251	0.40%	15"	SDR-35	-
SAS#4	SAS#5	885.41	900.79	315	4.88%	15"	SDR-35	-
SAS#5	SAS#6	900.89	909.00	335	2.42%	15"	SDR-35	-

TORI FROST DRIVE

SAS#	STATION	LOCATION	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS#7	133+91.67	RT-0.00	889.02	870.45	18.57	6' DIAM; OUTSIDE DROP
SAS#8	131+29.55	LT-0.00	893.46	882.96	10.50	-
SAS#9	130+40.58	LT-0.00	896.02	886.02	10.00	-
SAS#10	129+17.11	LT-0.00	897.58	887.58	10.00	-

SAS#7	SAS#8	879.02	882.96	262	1.50%	8"	SDR-35	-
SAS#8	SAS#9	883.06	886.02	88	3.36%	8"	SDR-35	-
SAS#9	SAS#10	886.12	887.58	123	1.19%	8"	SDR-35	-

CADDISFLY LN

SAS#11	134+50.00	LT-0.00	894.42	884.42	10.00	-
SAS#12	138+27.39	LT-0.00	915.32	903.69	11.63	-

SAS#8	SAS#11	883.06	884.42	113	1.20%	8"	SDR-35	-
SAS#11	SAS#12	884.52	903.69	377	5.08%	8"	SDR-35	-

WATERFALL WAY

SAS#13	22+62.87	LT-0.00	916.08	906.08	10.00	-
SAS#14	25+61.49	RT-0.00	914.42	904.42	10.00	-

SAS#12	SAS#13	903.79	906.08	141	1.63%	8"	SDR-35	-
SAS#12	SAS#14	903.79	904.42	157	0.40%	8"	SDR-35	-

EASEMENT

SAS#15	154+36.97	LT-13.93	887.75	870.14	17.61	6' DIAM; OUTSIDE DROP
SAS#16	152+02.30	LT-12.30	893.04	882.66	10.38	-
SAS#17	151+51.52	LT-12.23	894.26	883.99	10.27	-

SAS#15	SAS#16	877.75	882.66	232	2.11%	8"	SDR-35	-
SAS#16	SAS#17	882.76	883.99	45	2.72%	8"	SDR-35	-

ADJUST SANITARY STRUCTURES

STRUC. ID NO.	STATION	LOCATION (OFFSET)	EX. RIM	PROP. RIM	NOTES
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AUTUMN LAKE PARKWAY

7129-005	23+24.93	LT-0.06	885.67	886.12	
7129-002	24+73.37	LT-0.48	887.11	886.68	
7129-003	26+50.27	RT-1.48	886.25	887.47	
7229-001	29+37.30	RT-1.03	887.08	887.69	
7228-001	33+12.71	RT-1.96	886.47	889.10	

NOTES:

- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL. 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

VILLAGE AT AUTUMN LAKE PH 11	SHEET NO.
PROJECT NO. 13303	U-STM
STORM SEWER SCHEDULE #1	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
AUTUMN LAKE PKWY							
S-0	27+13.53	LT-136.57	30" RCP APRON END	-	878.75	-	W/ GATE
S-1	28+21.04	LT-23.50	5X5 SAS W/ SUMP	887.07	879.93	7.14	LP; W/ R-3067-7004-VB; (1); (5)
S-2	29+75.00	LT-23.50	3X3 SAS	887.52	880.85	6.67	LP; W/ R-3067-7004-VB; (1)
S-2A	29+75.00	RT-23.50	H INLET	887.52	883.92	3.60	LP; W/ R-3067-7004-VB; (1)
S-3	30+94.25	LT-23.50	3X3 SAS	888.11	882.08	6.03	W/ R-3067-7004-V
S-3A	31+15.59	RT-23.50	H INLET	888.22	884.62	3.60	W/ R-3067-7004-V
S-3B	31+27.26	LT-44.41	H INLET	888.53	885.01	3.52	LP; W/ R-3362-L; PER SDD 5.7.33
S-3C	31+40.76	RT-44.45	H INLET	888.61	885.29	3.32	LP; W/ R-3362-L; PER SDD 5.7.33
S-4	32+12.34	LT-22.50	3X3 SAS	888.72	883.23	5.49	W/ R-3067-7004-V
S-4A	32+31.25	RT-17.50	3X3 SAS	888.92	884.05	4.87	W/ R-3067-7004-V
S-5	33+44.00	LT-23.50	3X3 SAS	888.92	884.12	4.80	LP; W/ R-3067-7004-VB; (1)
S-5A	33+44.00	RT-23.50	H INLET	888.92	885.32	3.60	LP; W/ R-3067-7004-VB; (1)
S-6	34+05.89	LT-23.50	3X3 SAS	889.47	884.67	4.80	W/ R-3067-7004-V
S-6A	34+08.02	RT-44.34	H INLET	889.72	886.20	3.52	LP; W/ R-3362-L; PER SDD 5.7.33
S-6B	34+20.23	LT-44.62	H INLET	889.85	886.34	3.51	LP; W/ R-3362-L; PER SDD 5.7.33
TORI FROST DR							
S-70	22+35.18	LT-121.12	12" APRON END	-	876.50	-	W/ GATE
S-71	21+50.00	LT-27.50	H INLET W/ SUMP	886.11	881.51	4.60	LP; W/ R-3067-7004-VB; (1); (5)
S-72	21+50.00	LT-9.00	H INLET	886.49	882.34	4.15	LP; W/ R-3067-7004-VB
S-73	21+50.00	RT-9.00	H INLET	886.49	882.53	3.96	LP; W/ R-3067-7004-VB
S-74	21+50.00	RT-27.50	H INLET	886.11	882.71	3.40	LP; W/ R-3067-7004-VB; (1)
CADDISFLY LANE							
S-4B	133+47.00	LT-15.50	3X3 SAS	888.69	884.29	4.40	LP; W/ R-3067-7004-VB; (1)
S-4C	133+47.00	RT-15.50	H INLET	888.69	885.09	3.60	LP; W/ R-3067-7004-VB; (1)
S-7	131+51.25	LT-15.50	3X3 SAS	892.92	888.12	4.80	W/ R-3067-7004-V
S-7A	130+87.19	LT-15.50	3X3 SAS	894.79	889.99	4.80	W/ R-3067-7004-V
S-7B	130+04.82	LT-15.50	3X3 SAS	896.88	892.08	4.80	W/ R-3067-7004-V
S-7C	129+95.64	RT-15.50	H INLET	897.03	893.43	3.60	W/ R-3067-7004-V
S-7D	129+85.75	RT-34.00	H INLET	897.36	893.84	3.52	LP; W/ R-3362-L; PER SDD 5.7.33
S-7E	129+72.25	RT-34.00	H INLET	897.53	894.02	3.51	LP; W/ R-3362-L; PER SDD 5.7.33
S-8	131+51.17	RT-15.50	3X3 SAS	892.92	888.31	4.61	W/ R-3067-7004-V
S-9	133+63.88	LT-15.50	H INLET	893.50	889.30	4.20	W/ R-3067-7004-V
S-10	133+98.00	LT-15.50	H INLET	893.33	889.73	3.60	LP; W/ R-3067-7004-VB
S-10A	133+98.00	RT-15.50	H INLET	893.89	890.29	3.60	LP; W/ R-3067-7004-VB

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-1	878.75	879.93	156	151	0.78%	30"	RCP	-
P-1	S-1	S-2	879.93	880.85	154	150	0.61%	30"	RCP	-
P-2	S-2	S-3	881.35	882.08	119	116	0.63%	24"	TYPE II	-
P-2A	S-2	S-2A	882.35	883.92	47	46	3.41%	12"	TYPE I	-
P-3	S-3	S-4	882.58	883.23	118	115	0.57%	18"	TYPE II	-
P-3A	S-3	S-3A	883.08	884.62	52	49	3.14%	12"	TYPE I	-
P-3B	S-3A	S-3B	884.62	885.01	24	21	1.86%	12"	TYPE II	-
P-3C	S-3B	S-3C	885.01	885.29	14	12	2.33%	12"	TYPE II	-
P-4	S-4	S-5	883.23	884.12	132	129	0.69%	18"	TYPE II	-
P-4A	S-4	S-4A	883.23	884.05	44	41	2.00%	18"	TYPE I	-
P-5	S-5	S-6	884.12	884.67	62	59	0.93%	18"	TYPE II	-
P-5A	S-5	S-5A	884.62	885.32	47	44	1.59%	12"	TYPE I	-
P-6	S-6	S-6A	885.17	886.20	68	65	1.58%	12"	TYPE I	-
P-6A	S-6A	S-6B	886.20	886.34	14	12	1.17%	12"	TYPE II	-
P-70	S-70	S-71	876.50	881.51	127	125	4.01%	12"	TYPE II	-
P-71	S-71	S-72	881.51	882.34	18	16	5.19%	12"	TYPE I	-
P-72	S-72	S-73	882.34	882.53	19	17	1.12%	12"	TYPE II	-
P-73	S-73	S-74	882.53	882.71	18	16	1.13%	12"	TYPE I	-
P-7	S-4B	S-7	884.29	888.12	196	193	1.98%	18"	TYPE II	-
P-7A	S-7	S-7A	888.12	889.99	61	58	3.22%	18"	TYPE II	-
P-7B	S-7A	S-7B	889.99	892.08	76	73	2.86%	18"	TYPE II	-
P-7C	S-7B	S-7C	892.58	893.43	32	30	2.83%	12"	TYPE I	-
P-7D	S-7C	S-7D	893.43	893.84	21	18	2.28%	12"	TYPE II	-
P-7E	S-7D	S-7E	893.84	894.02	14	12	1.50%	12"	TYPE II	-
P-8	S-7	S-8	888.12	888.31	31	28	0.68%	18"	TYPE I	-
P-9	S-8	S-9	888.81	889.30	29	26	1.88%	12"	TYPE II	-
P-10	S-9	S-10	889.30	889.73	34	31	1.39%	12"	TYPE II	-
P-10A	S-10	S-10A	889.73	890.29	31	29	1.93%	12"	TYPE I	-

SPECIFIC NOTES:

- (1) INSTALL LOW POINT PVC DRAIN; SEE S.D.D. 5.7.7A
- (5) 3 FOOT SUMP BELOW INVERT

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.
- 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 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.
- 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 STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.
- FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM

STORM SEWER SCHEDULE

VILLAGE AT AUTUMN LAKE PH 11	SHEET NO.
PROJECT NO. 13303	U-STM
STORM SEWER SCHEDULE #2	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
AUTUMN LAKE PKWY							
S-11	28+20.94	RT-23.47	3X3 SAS	887.07	881.36	5.71	LP; W/ R-3067-7004-VB; (1)
S-30	22+49.64	LT-56.82	WINGWALL	-	879.90	-	(2)
S-31	22+37.46	RT-57.25	WINGWALL	-	880.00	-	(2)
S-40	23+53.87	LT-103.56	12" APRON END	-	876.50	-	W/ GATE
S-41	23+65.00	LT-24.20	3X3 SAS W/ SUMP	886.07	881.88	4.19	LP; W/ R-3067-7004-VB; (1); (5)
S-41A	24+32.25	LT-22.40	3X3 SAS	886.44	882.31	4.13	W/ R-3067-7004
S-42	23+65.00	LT-5.69	H INLET	885.94	882.24	3.70	LP; W/ R-3362-L; (6)
S-43	23+65.00	CL	H INLET	885.83	882.34	3.49	LP; W/ R-1878-B7L
S-44	23+65.00	RT-6.17	H INLET	885.94	882.50	3.44	LP; W/ R-3362-L; (6)
S-45	23+65.00	RT-24.67	H INLET	886.06	882.86	3.20	LP; W/ R-3067-7004-VB; (1)
S-50	25+92.91	LT-73.65	12" APRON END	-	882.00	-	W/ GATE
S-51	25+50.00	LT-25.36	H INLET W/ SUMP	886.48	882.41	4.07	LP; W/ R-3067-7004-VB; (1); (5)
S-52	25+50.00	RT-18.75	H INLET	886.61	883.01	3.60	LP; W/ R-3067-7004-VB; (1)

TRANQUILITY TRAIL

S-12	10+44.00	RT-17.50	3X3 SAS	887.13	881.70	5.43	LP; W/ R-3067-7004-VB; (1)
S-12A	10+44.00	LT-17.50	H INLET	887.13	883.53	3.60	LP; W/ R-3067-7004-VB; (1)
S-13	13+14.13	RT-17.50	3X3 SAS	894.86	889.11	5.75	W/ R-3067-7004-V
S-13A	13+41.66	LT-17.50	H INLET	895.60	892.00	3.60	W/ R-3067-7004-V
S-14	13+88.65	RT-17.50	3X3 SAS	896.44	891.64	4.80	W/ R-3067-7004-V
S-15	14+77.15	RT-17.50	3X3 SAS	896.99	892.19	4.80	W/ R-3067-7004-V
S-16	15+95.50	RT-17.50	3X3 SAS	897.67	892.89	4.78	W/ R-3067-7004-V
S-16A	15+95.00	LT-17.58	H INLET	897.66	894.07	3.59	W/ R-3067-7004-V
S-17	17+13.57	RT-17.50	3X3 SAS	900.80	895.99	4.81	W/ R-3067-7004-V
S-17A	17+13.63	LT-17.50	H INLET	900.80	897.20	3.60	W/ R-3067-7004-V
S-18	19+79.06	RT-17.50	3X3 SAS	914.56	909.76	4.80	W/ R-3067-7004-V
S-19	20+61.80	RT-17.50	H INLET	917.88	914.28	3.60	W/ R-3067-7004-V
S-19A	20+61.65	LT-17.50	H INLET	917.86	914.46	3.40	W/ R-3067-7004-V
S-20	19+79.63	LT-17.50	3X3 SAS	914.58	909.98	4.60	W/ R-3067-7004-V

WATERFALL WAY

S-21	21+35.98	LT-13.50	3X3 SAS	915.62	910.82	4.80	LP; W/ R-3067-7004-VB; (1)
S-21A	21+35.98	RT-13.50	H INLET	916.58	912.98	3.60	LP; W/ R-3067-7004-VB; (1)
S-60	17+71.88	LT-95.73	WINGWALL	-	896.00	-	(2)
S-61	18+03.60	RT-53.26	WINGWALL	-	900.00	-	(2)
S-62	18+50.00	LT-13.50	H INLET	910.54	906.34	4.20	LP; W/ R-3067-7004-VB; (1)
S-63	18+50	RT-13.50	H INLET	910.54	906.94	3.60	LP; W/ R-3067-7004-VB; (1)

GOLDEN DUSK PKWY

S-41B	71+86.00	RT-15.50	H INLET	886.16	882.59	3.57	LP; W/ R-3067-7004-VB; (1)
S-41C	71+86.00	LT-15.50	H INLET	886.16	882.76	3.40	LP; W/ R-3067-7004-VB; (1)

STANDARD NOTES:

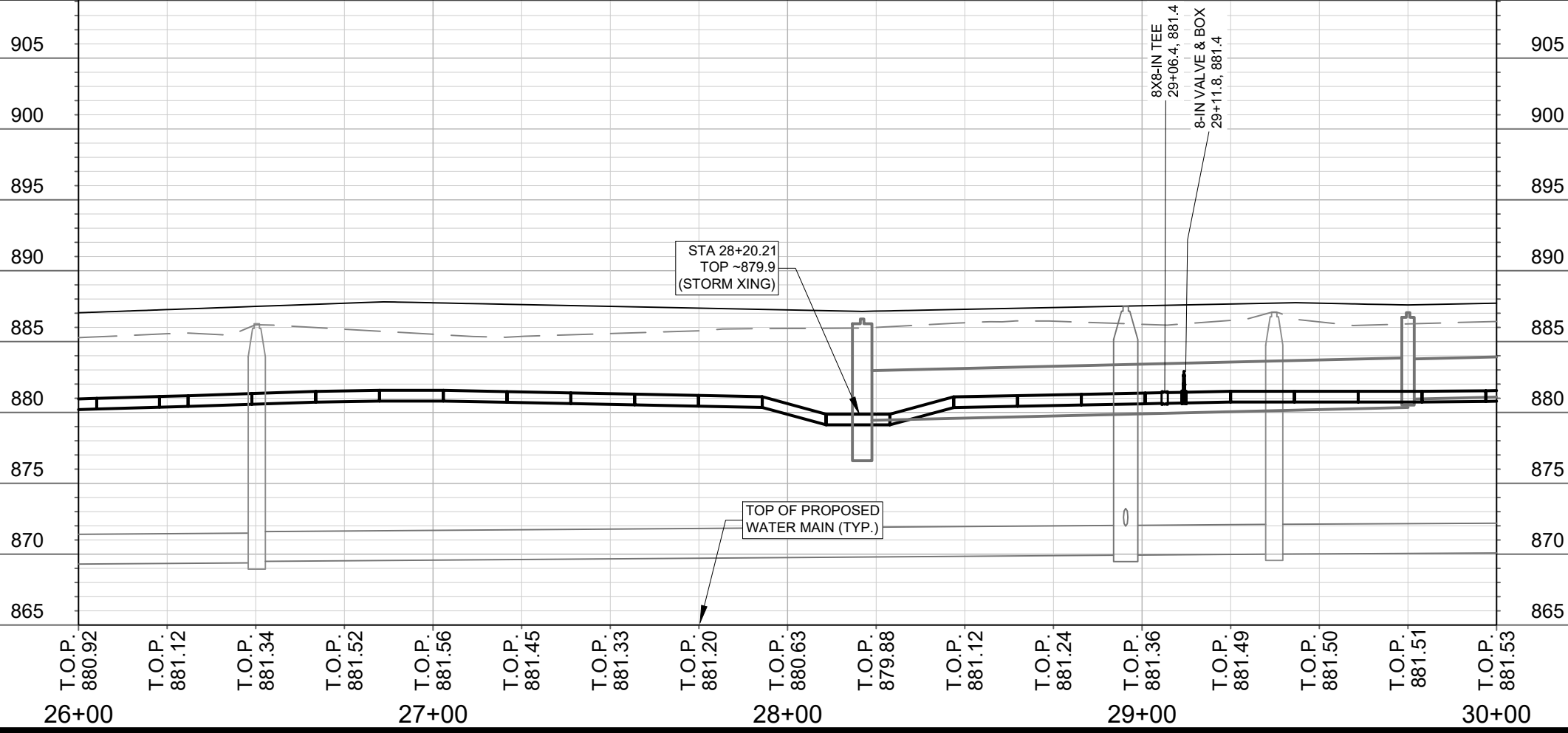
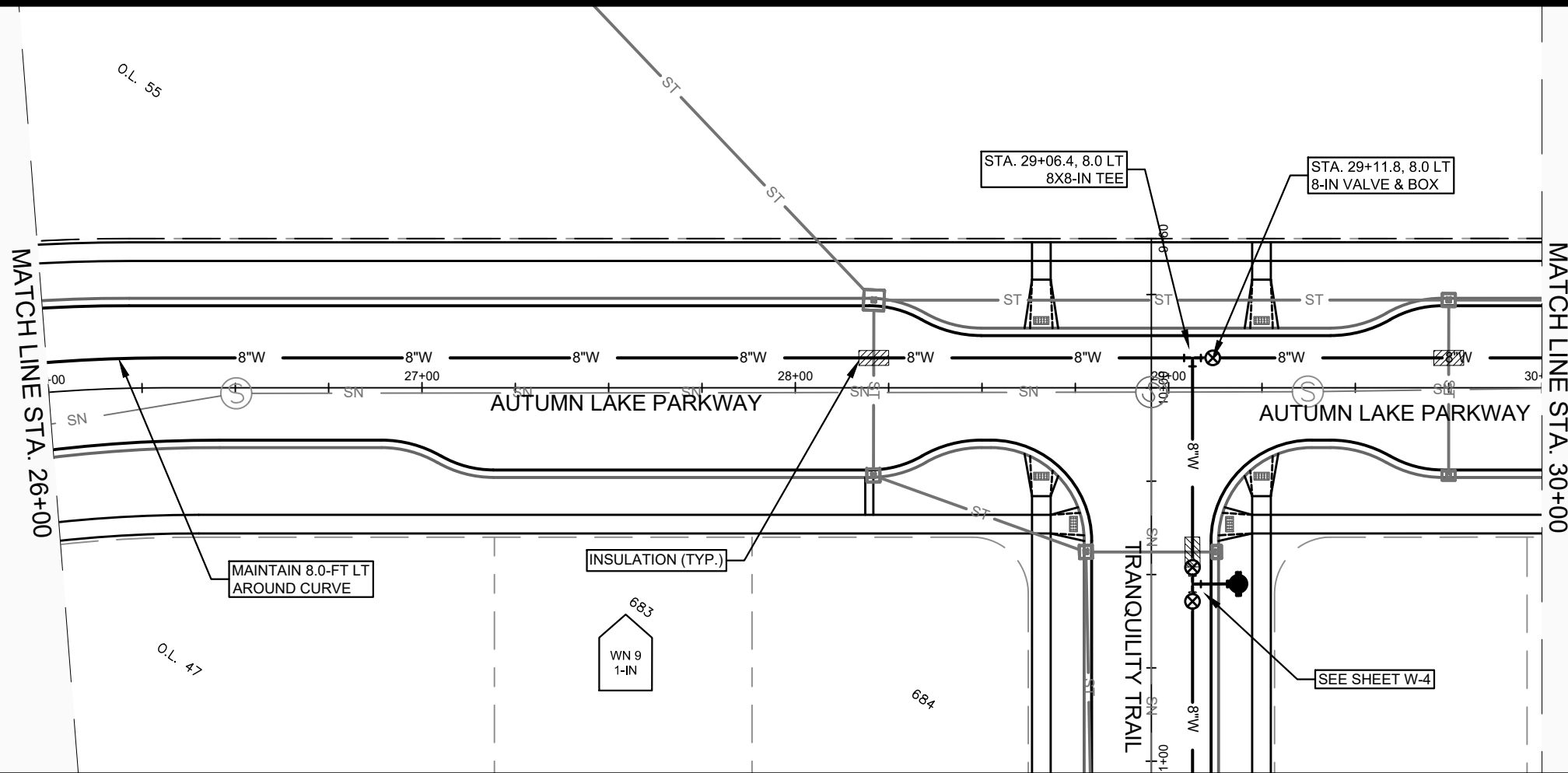
- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED 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.

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-11	S-1	S-11	880.93	881.36	47	43	1.00%	18"	TYPE I	-
P-30	S-30	S-31	879.90	880.00	130	130	0.08%	12'X4'	RCBC	(3); (4)
P-31	S-30	S-31	879.90	880.00	130	130	0.08%	12'X4'	RCBC	(3); (4)
P-40	S-40	S-41	876.50	881.88	80	79	6.81%	12"	TYPE II	-
P-41	S-41	S-42	881.88	882.24	18	16	2.25%	12"	TYPE I	-
P-41A	S-41	S-41A	881.88	882.31	71	68	0.63%	12"	TYPE II	-
P-41B	S-41A	S-41B	882.31	882.59	48	45	0.62%	12"	TYPE II	-
P-41C	S-41B	S-41C	882.59	882.76	31	29	0.59%	12"	TYPE I	-
P-42	S-42	S-43	882.24	882.34	6	5	2.00%	12"	TYPE II	-
P-43	S-43	S-44	882.34	882.50	7	6	2.67%	12"	TYPE II	-
P-44	S-44	S-45	882.50	882.86	18	16	2.25%	12"	TYPE I	-
P-12	S-11	S-12	881.36	881.70	60	57	0.60%	18"	TYPE II	-
P-12A	S-12	S-12A	882.20	883.53	35	33	4.03%	12"	TYPE I	-
P-13	S-12	S-13	881.70	889.11	274	271	2.73%	18"	TYPE II	-
P-13A	S-13	S-13A	889.61	892.00	45	41	5.83%	12"	TYPE I	-
P-14	S-13	S-14	889.11	891.64	82	79	3.20%	18"	TYPE I	-
P-15	S-14	S-15	891.64	892.19	92	89	0.62%	18"	TYPE II	-
P-16	S-15	S-16	892.19	892.89	118	115	0.61%	18"	TYPE II	-
P-16A	S-16	S-16A	893.39	894.07	35	33	2.06%	12"	TYPE I	-
P-17	S-16	S-17	892.89	895.99	118	115	2.70%	18"	TYPE II	-
P-17A	S-17	S-17A	896.49	897.20	35	33	2.15%	12"	TYPE I	-
P-18	S-17	S-18	895.99	909.76	261	258	5.34%	18"	TYPE II	-
P-19	S-18	S-19	910.26	914.28	83	80	5.02%	12"	TYPE I	-
P-19A	S-19	S-19A	914.28	914.46	35	33	0.55%	12"	TYPE I	-
P-20	S-18	S-20	909.76	909.98	35	32	0.69%	18"	TYPE I	-
P-21	S-20	S-21	909.98	910.82	39	35	2.40%	18"	TYPE II	-
P-21A	S-21	S-21A	911.32	912.98	27	25	6.64%	12"	TYPE I	-
P-60	S-60	S-61	896.00	900.00	160	160	2.50%	6'X5'	RCBC	(3)
P-61	S-60	S-61	896.00	900.00	160	160	2.50%	6'X5'	RCBC	(3)
P-62	S-60	S-62	896.00	906.34	117	115	8.99%	12"	TYPE II	-
P-63	S-62	S-63	906.34	906.94	27	25	2.40%	12"	TYPE I	-

SPECIFIC NOTES:

- (1) INSTALL LOW POINT PVC DRAIN; SEE S.D.D. 5.7.7A
- (2) SEE S.D.D. 5.5.1A & B
- (3) SET BOX CULVERT SECTIONS TO PROVIDE A MINIMUM OF 3 INCHES SPACING BETWEEN EXTERIOR WALLS; FILL VOIDS WITH SLURRY. ALL BOX CULVERT AND WINGWALL INSTALLATIONS SHALL BE DONE IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- (4) GROUP OF BOX CULVERTS ASSIGNED WISDOT STRUCTURE NUMBER B-13-897
- (5) 3 FOOT SUMP BELOW INVERT
- (6) TAPER CONCRETE GUTTER STARTING 1 FT FROM THE SIDE / EDGE TO MATCH THE CASTING
- 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.
- 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 STORM SEWER PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.
- FOR SWM PRECAST APPROVALS CONTACT PHIL GAEBLER AT (608) 266-4059 OR EMAIL SWM SHOP DRAWINGS TO PGAEBLER@CITYOFMADISON.COM



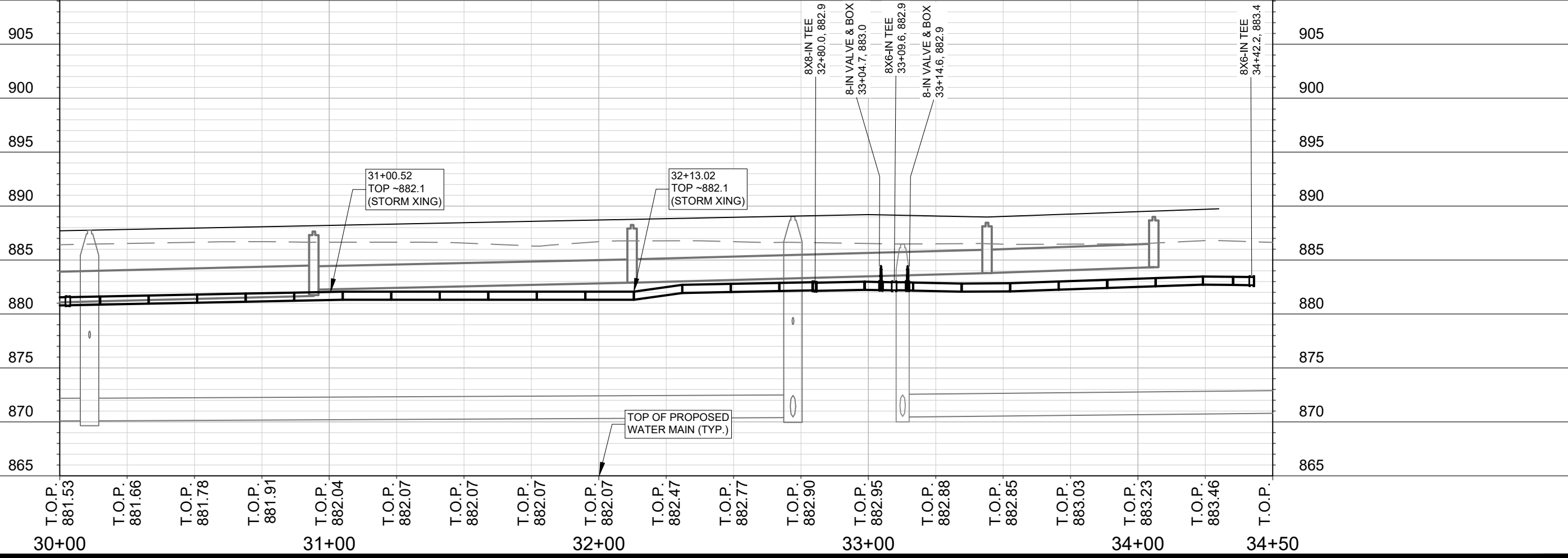
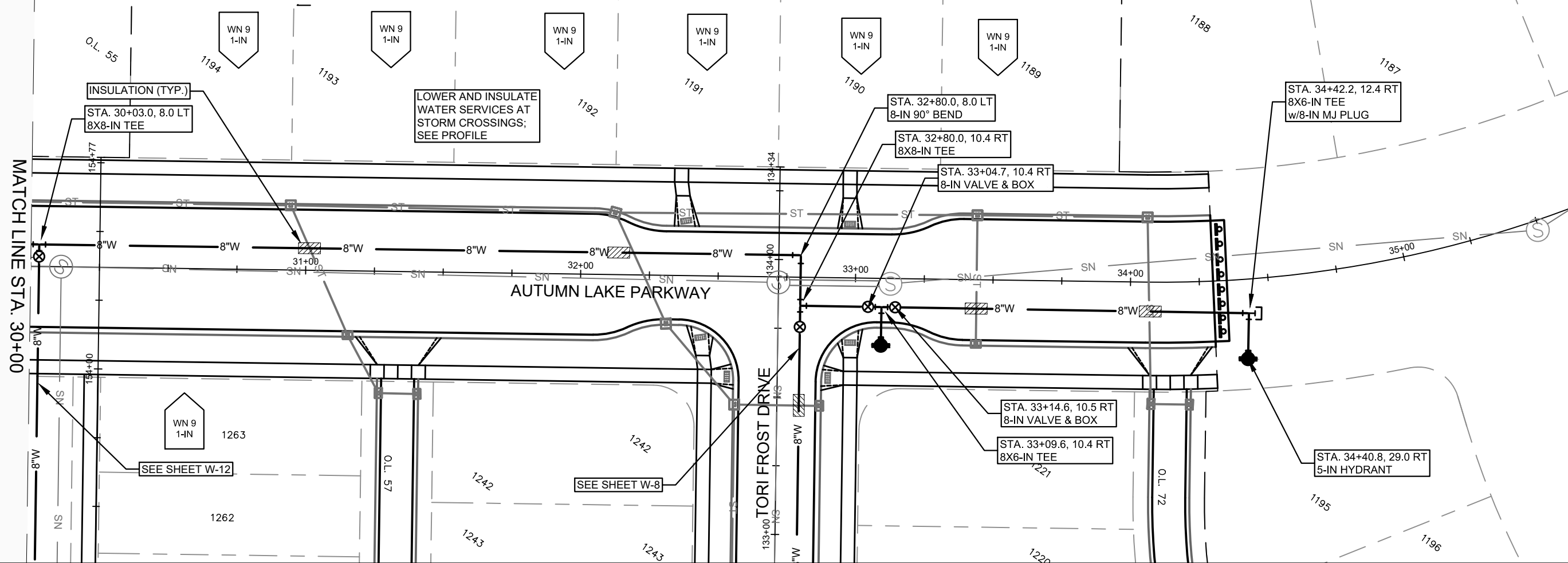
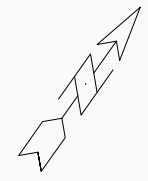
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13303
MADISON, WI
8976
CONTRACT NO:

AUTUMN LAKE PARKWAY - WATER PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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W-2



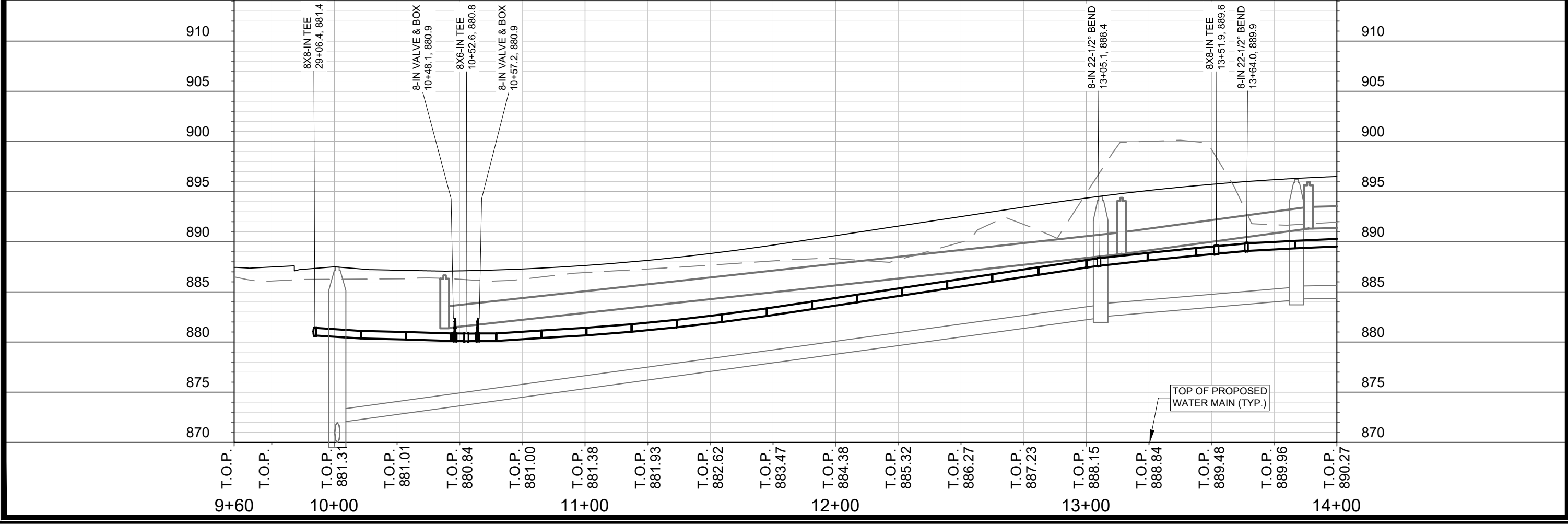
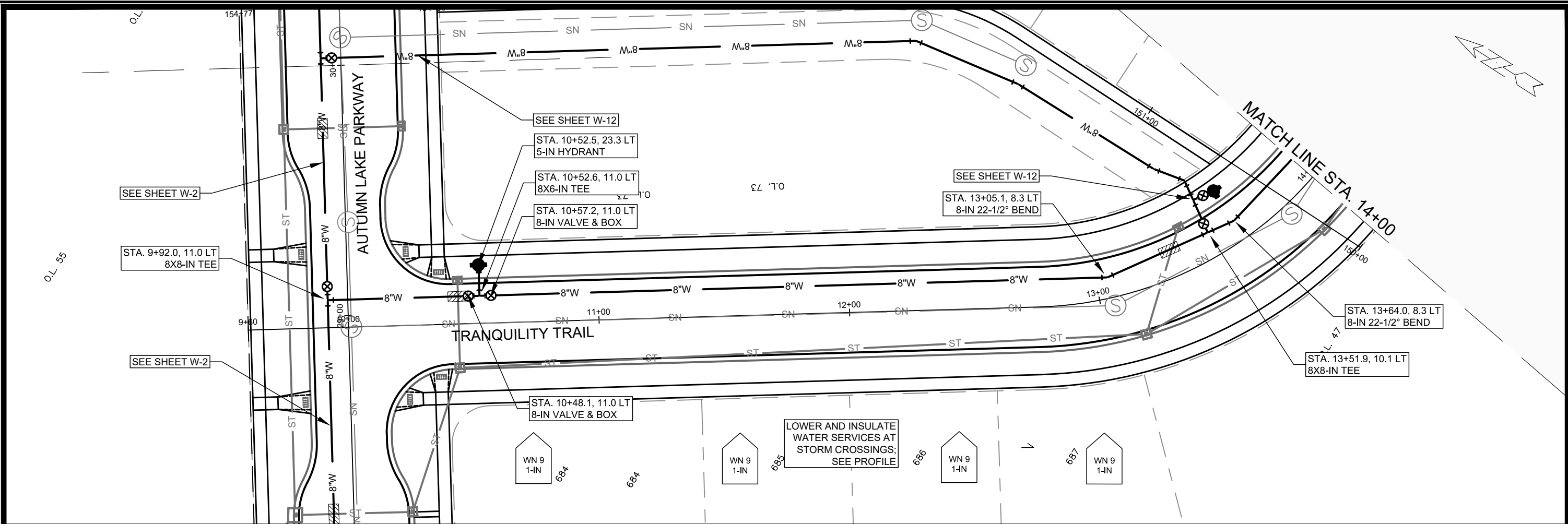
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MADISON, WI
8976
CONTRACT NO:

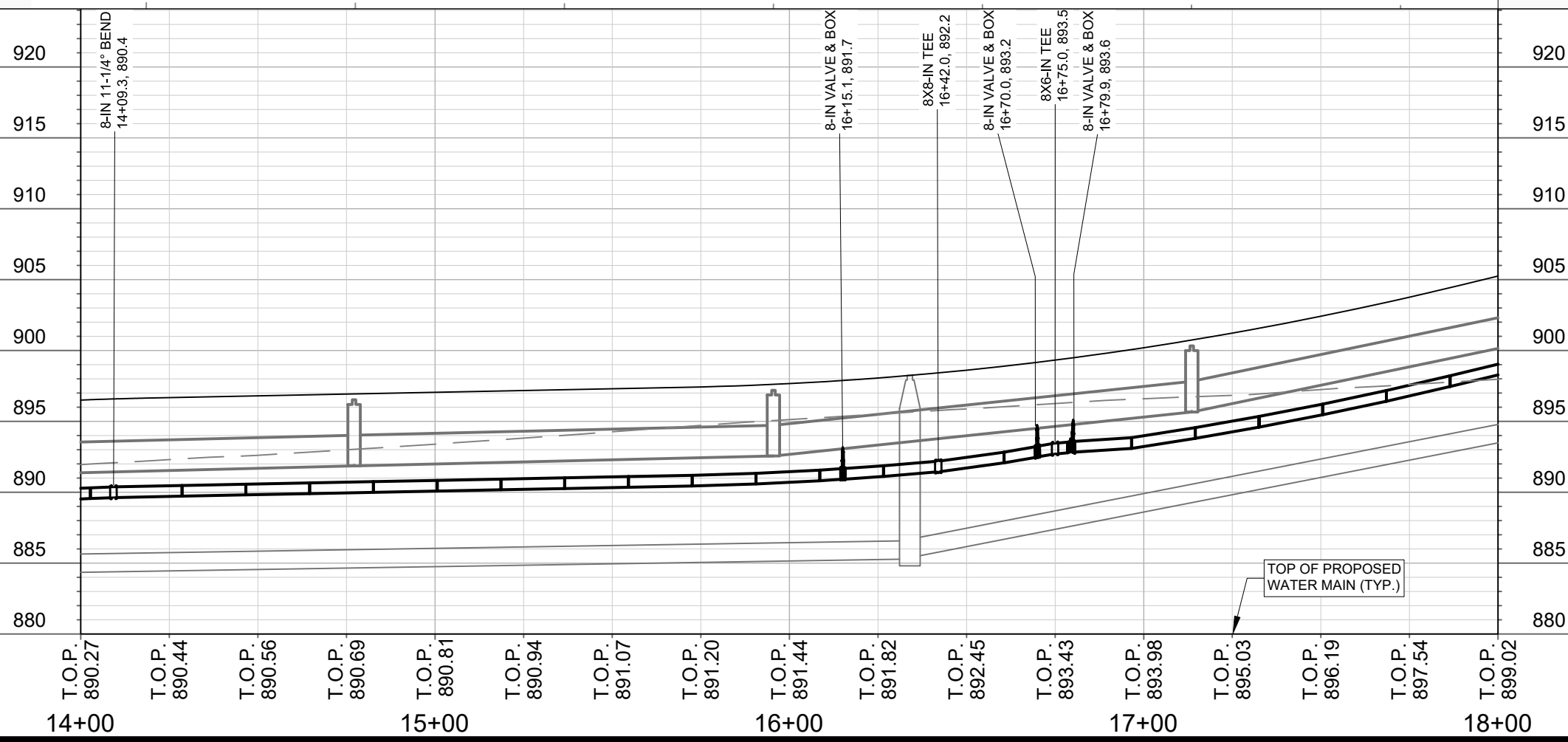
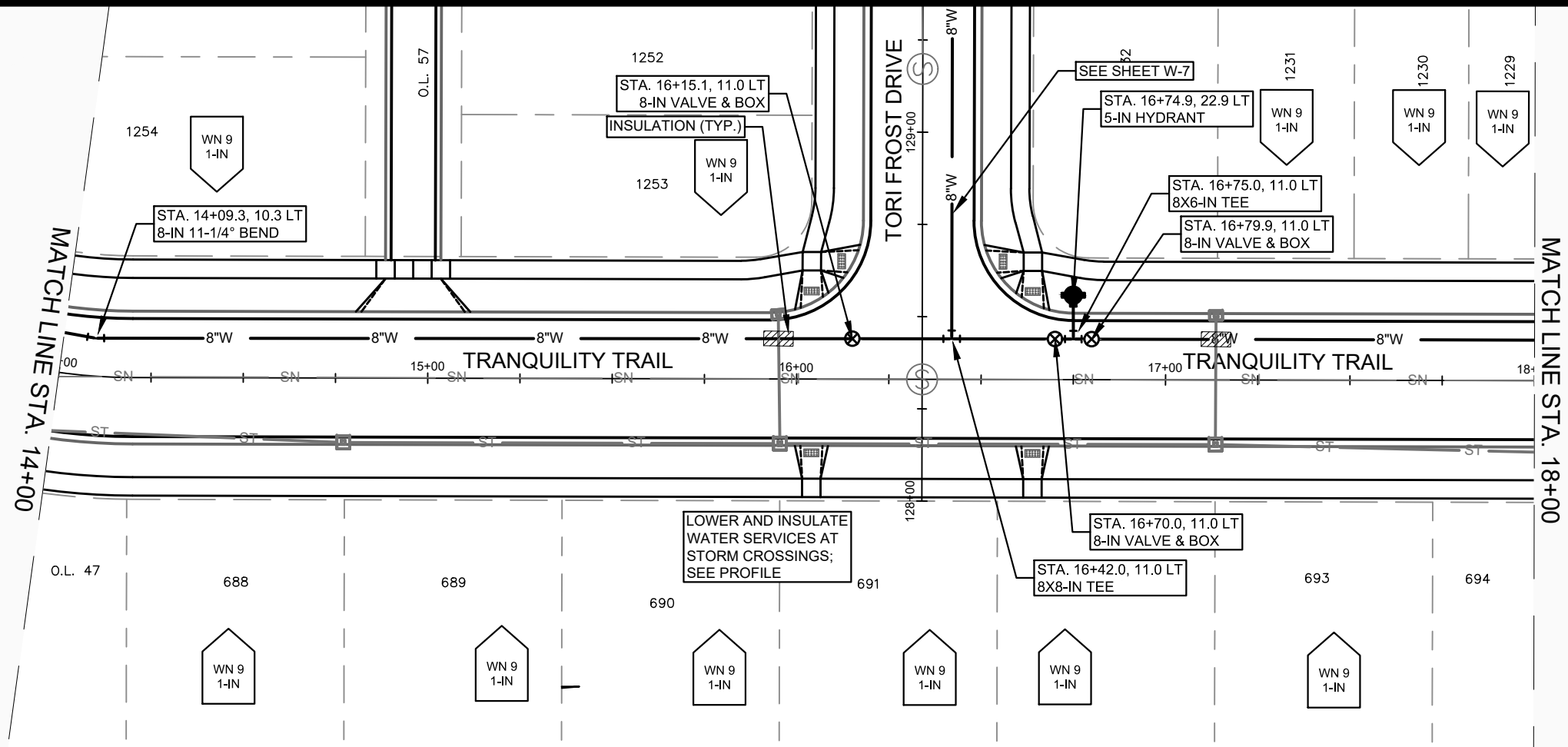
AUTUMN LAKE PARKWAY - WATER PLAN & PROFILE
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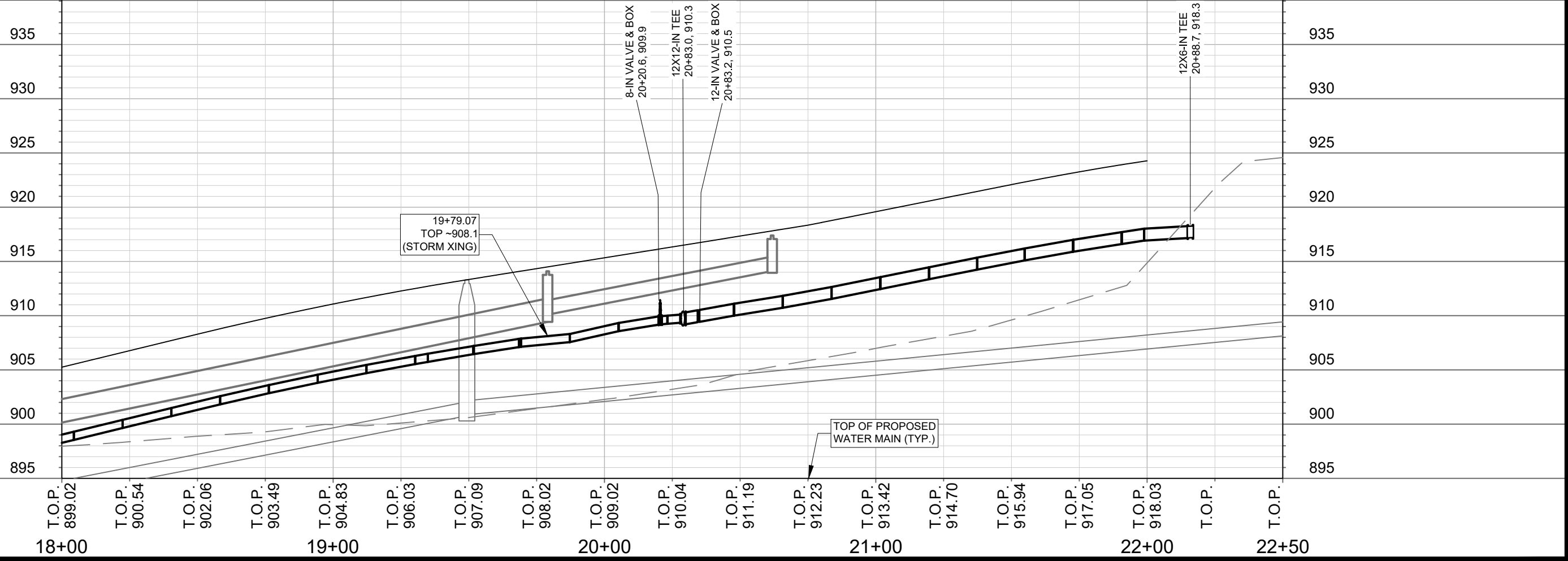
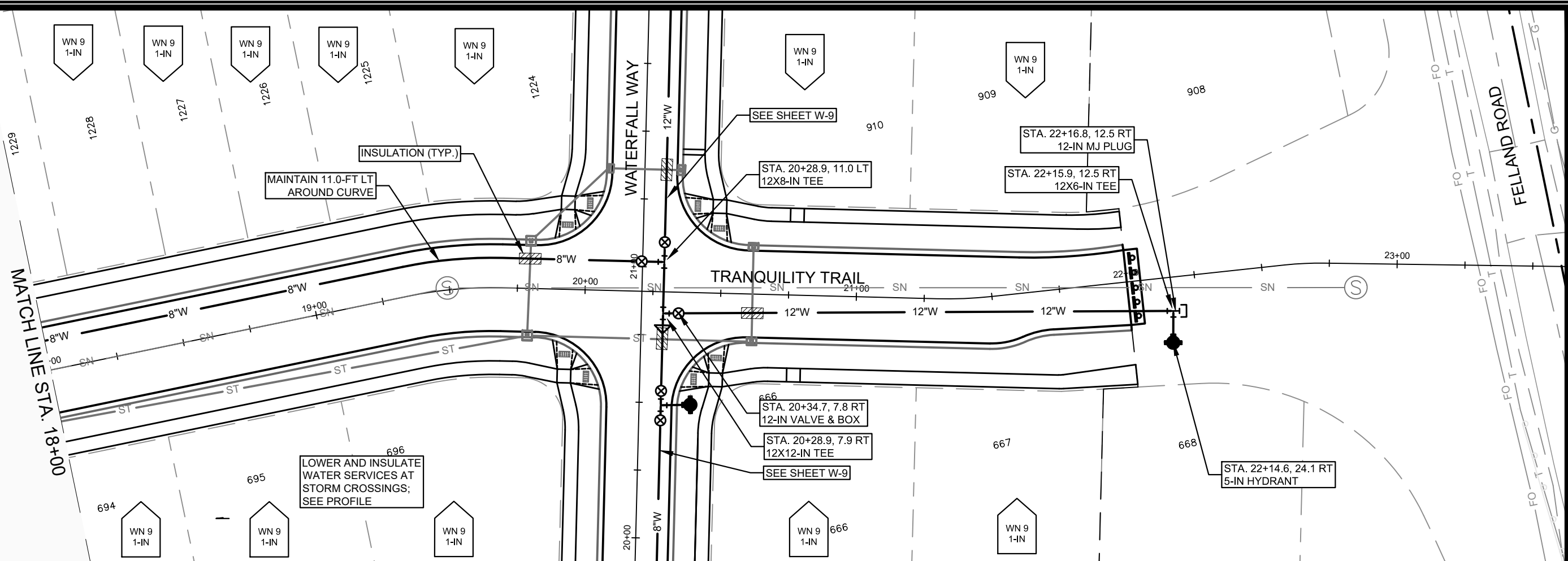
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W-3



	13303 W-4	TRANQUILITY TRAIL - WATER PLAN & PROFILE VILLAGE AT AUTUMN LAKE: PHASE 11 <small>M:\DESIGN\Projects\13303\CAD\Water\13303WLU-Water.dwg</small>
<small>MARK</small> <small>REVISION</small> <small>DATE</small> <small>BY</small>	<small>13303</small> <small>8976</small> <small>CONTRACT NO.</small>	<small>13303</small> <small>MADISON, WI</small> <small>8976</small> <small>CONTRACT NO.</small>
<small>Designed By: PEH</small> <small>Date: 4/27/2021 2:28 PM</small> <small>Scale: #####</small> <small>W-4</small>		



	13303 W-5	TRANQUILITY TRAIL - WATER PLAN & PROFILE VILLAGE AT AUTUMN LAKE: PHASE 11
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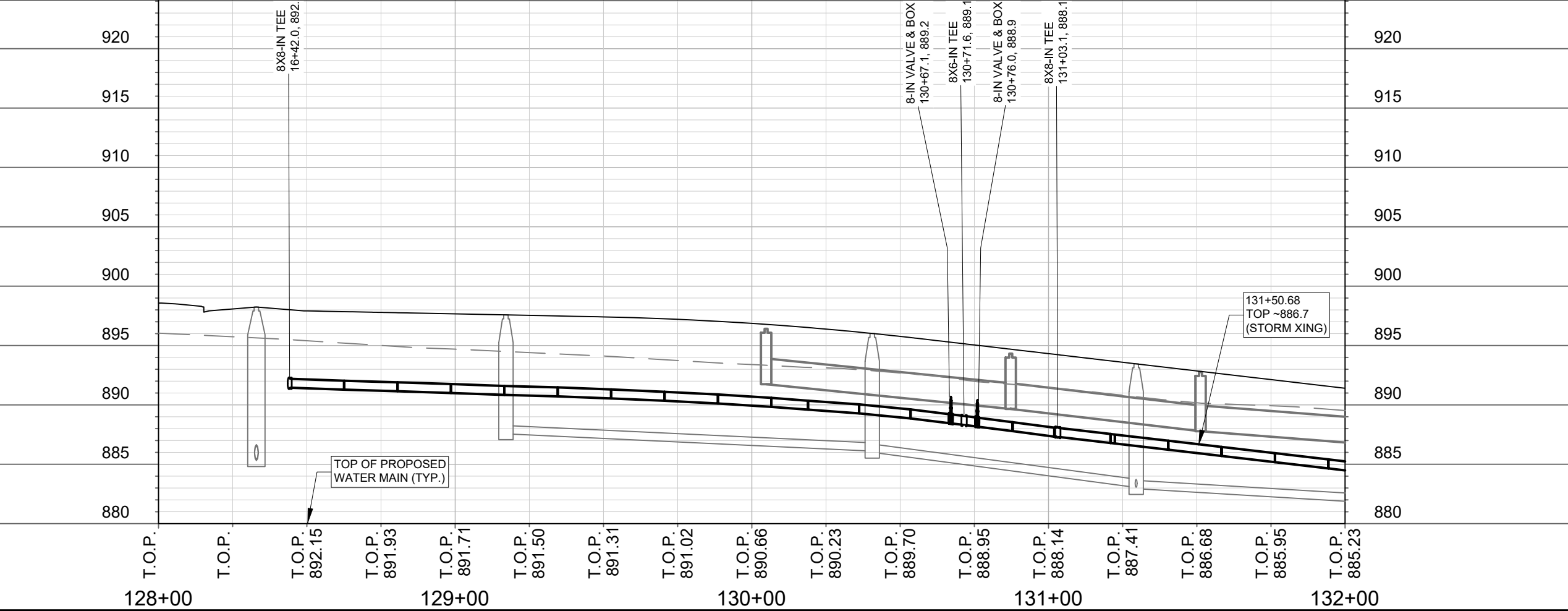
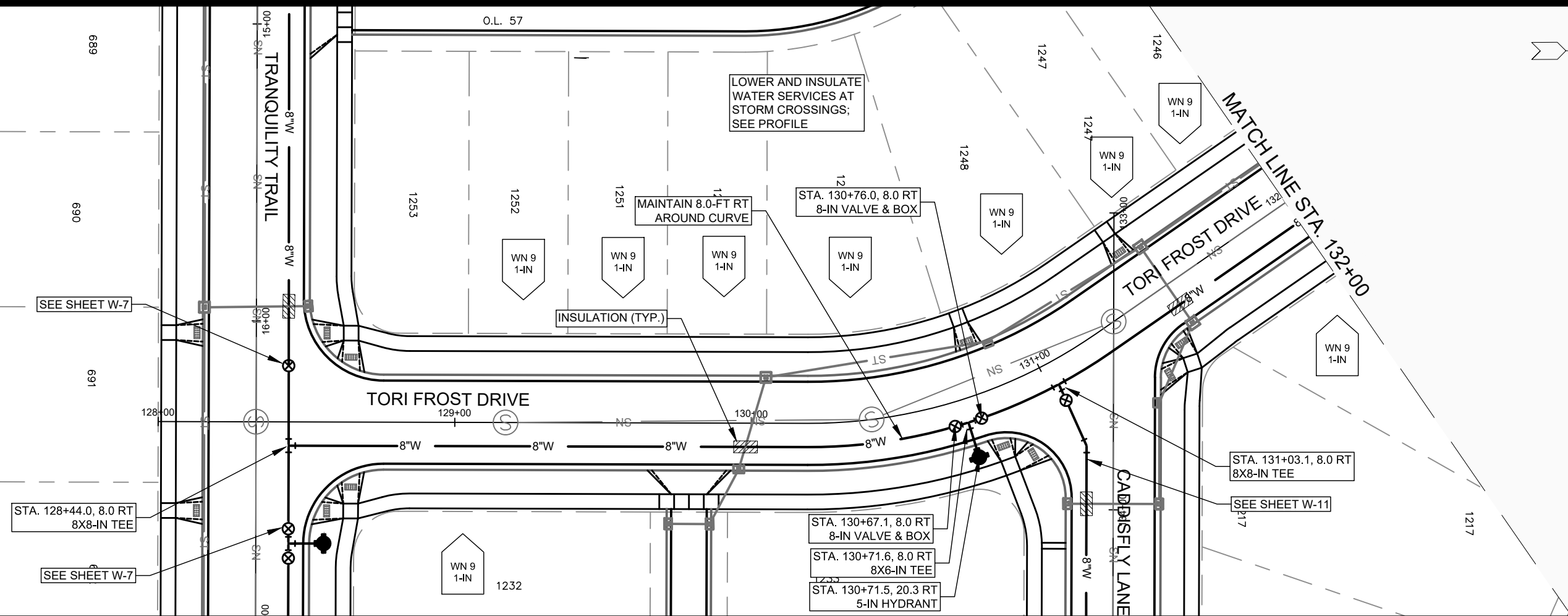
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13303
 MADISON, WI
 CONTRACT NO: 8976

TRANQUILITY TRAIL - WATER PLAN & PROFILE
 VILLAGE AT AUTUMN LAKE: PHASE 11
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 W-6



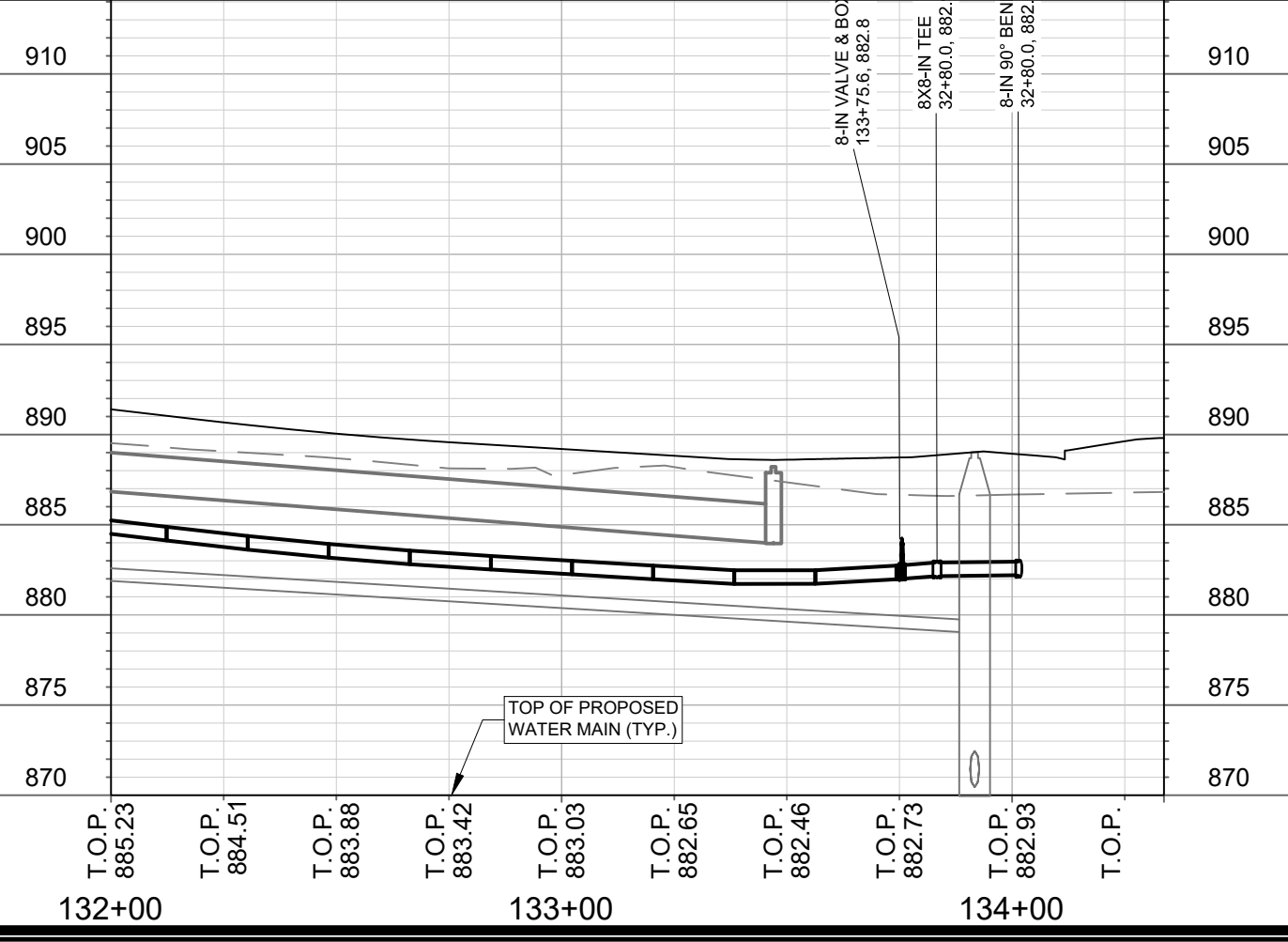
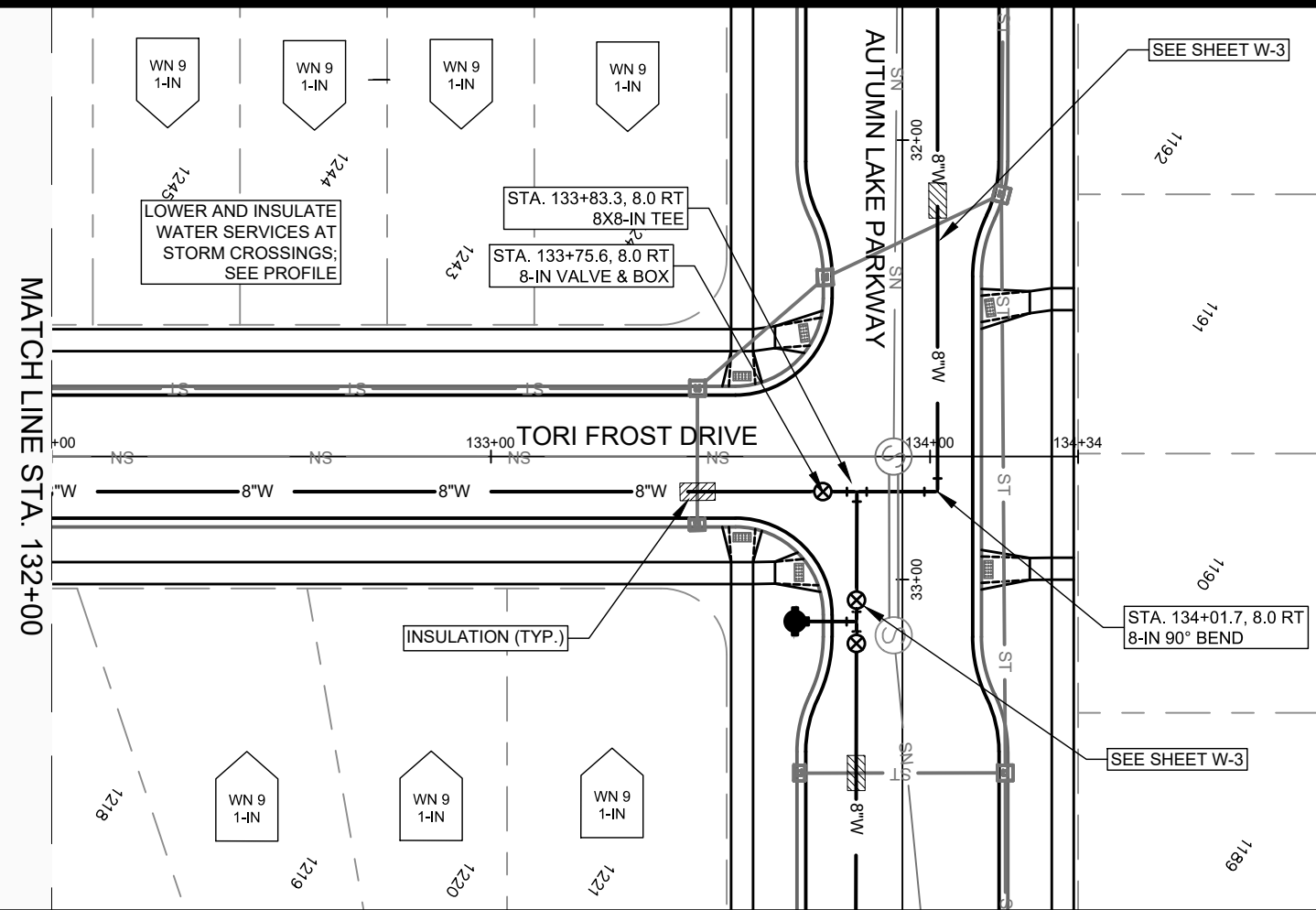
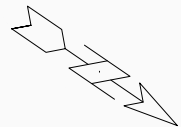
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13303
MADISON, WI
CONTRACT NO: 8976

TORI FROST DRIVE - WATER PLAN & PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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W-7



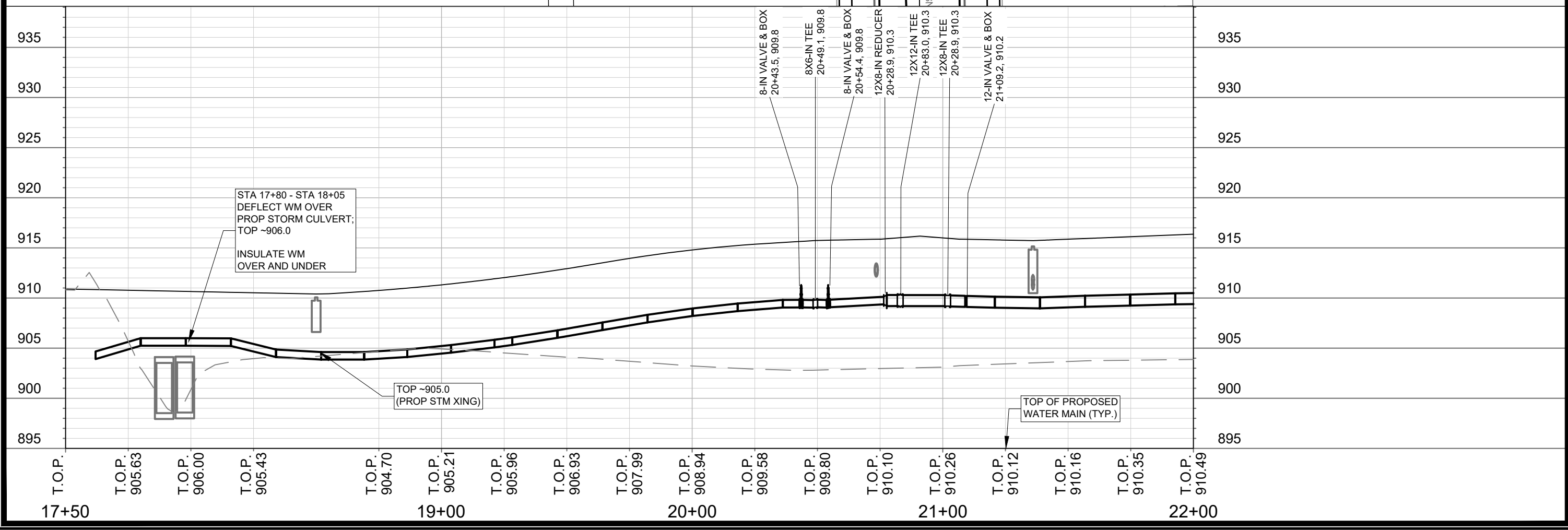
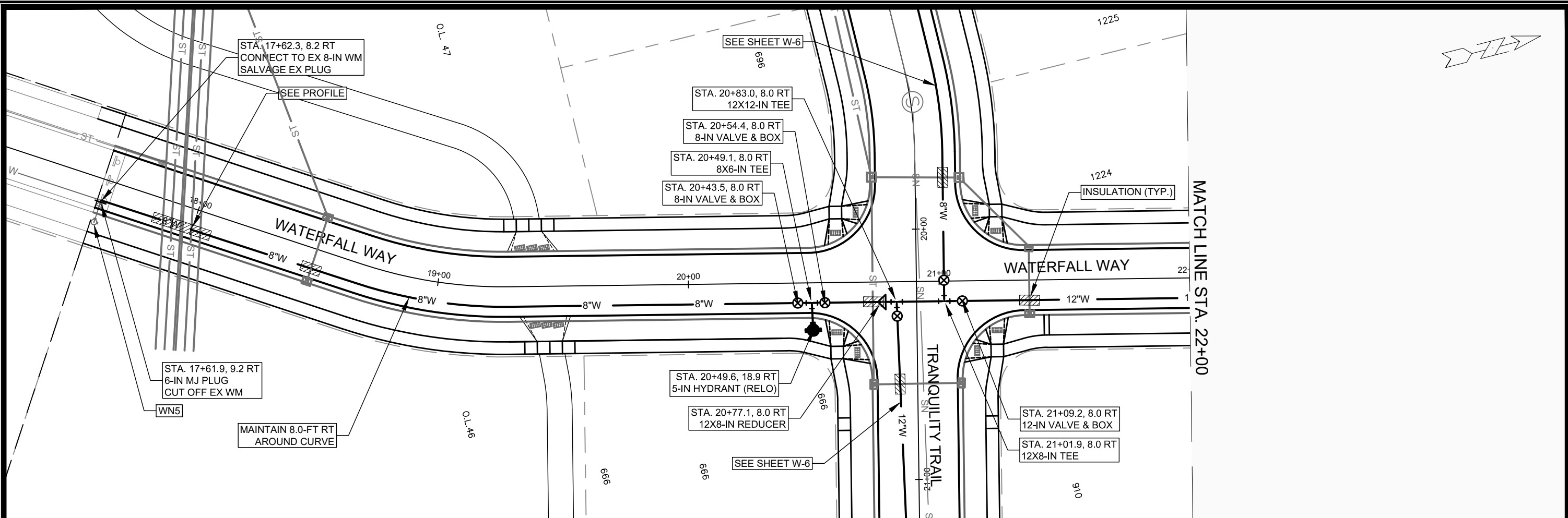
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MADISON, WI
CONTRACT NO: 8976

TORI FROST DRIVE - WATER PLAN AND PROFILE
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W-8

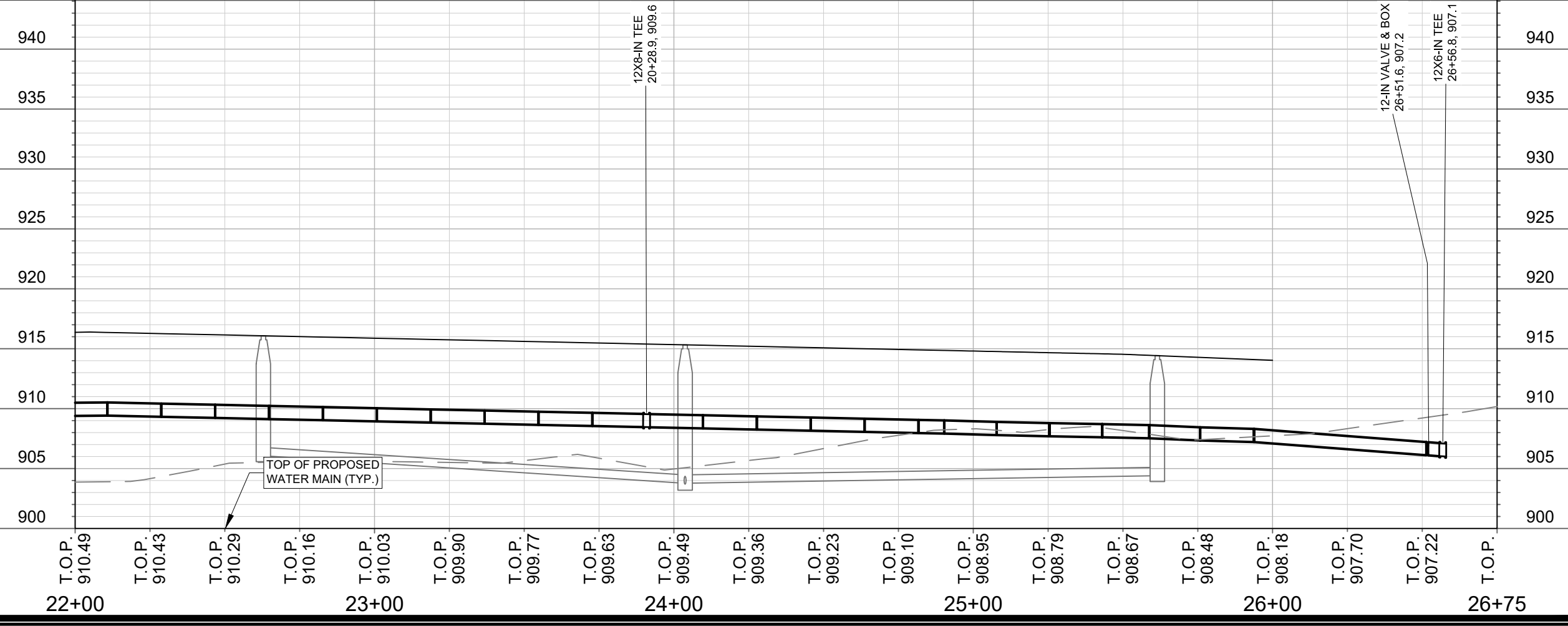
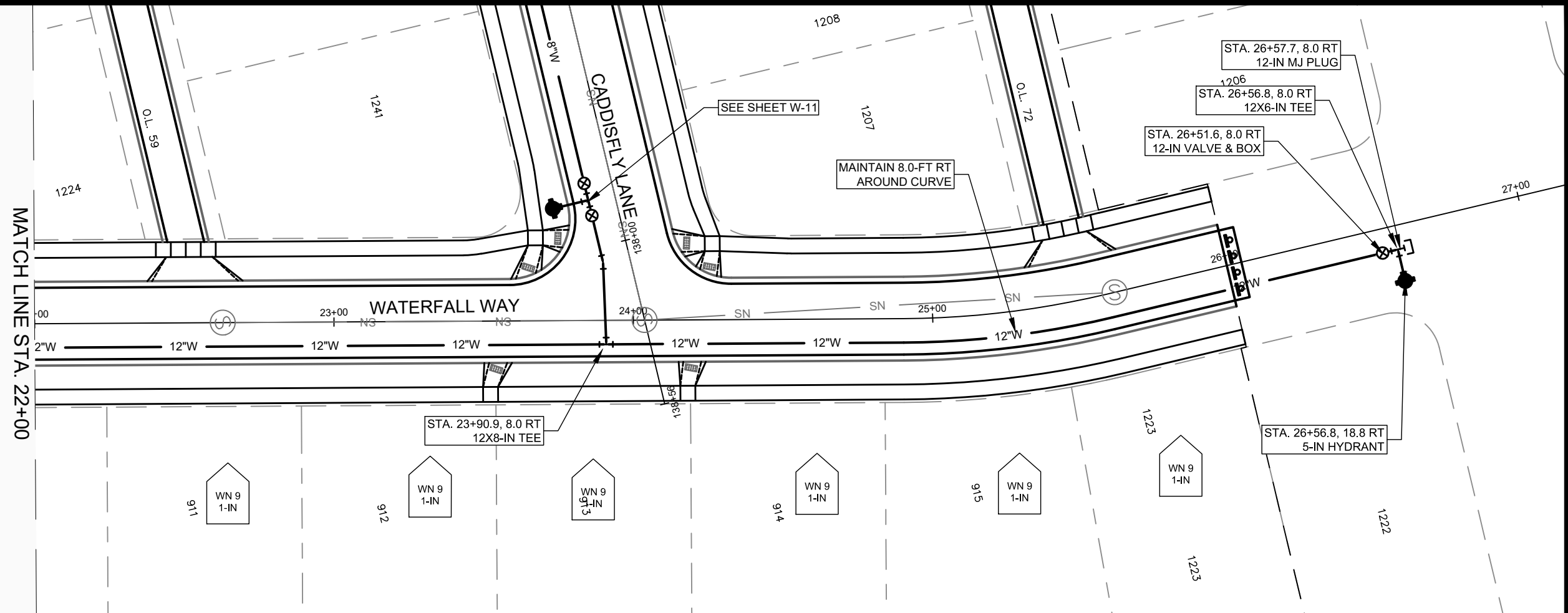
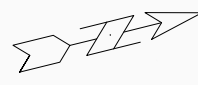


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MADISON, WI
CONTRACT NO: 8976

WATERFALL WAY - WATER PLAN AND PROFILE
VILLAGE AT AUTUMN LAKE: PHASE 11
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W-9



MARK	REVISION	DATE	BY

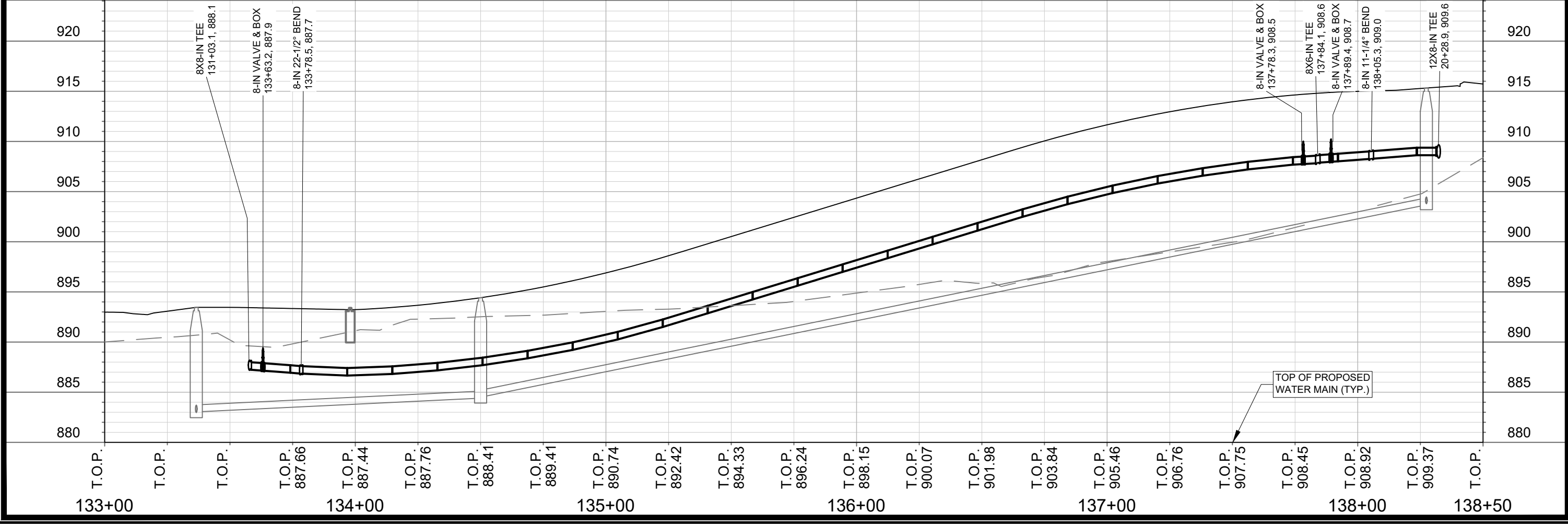
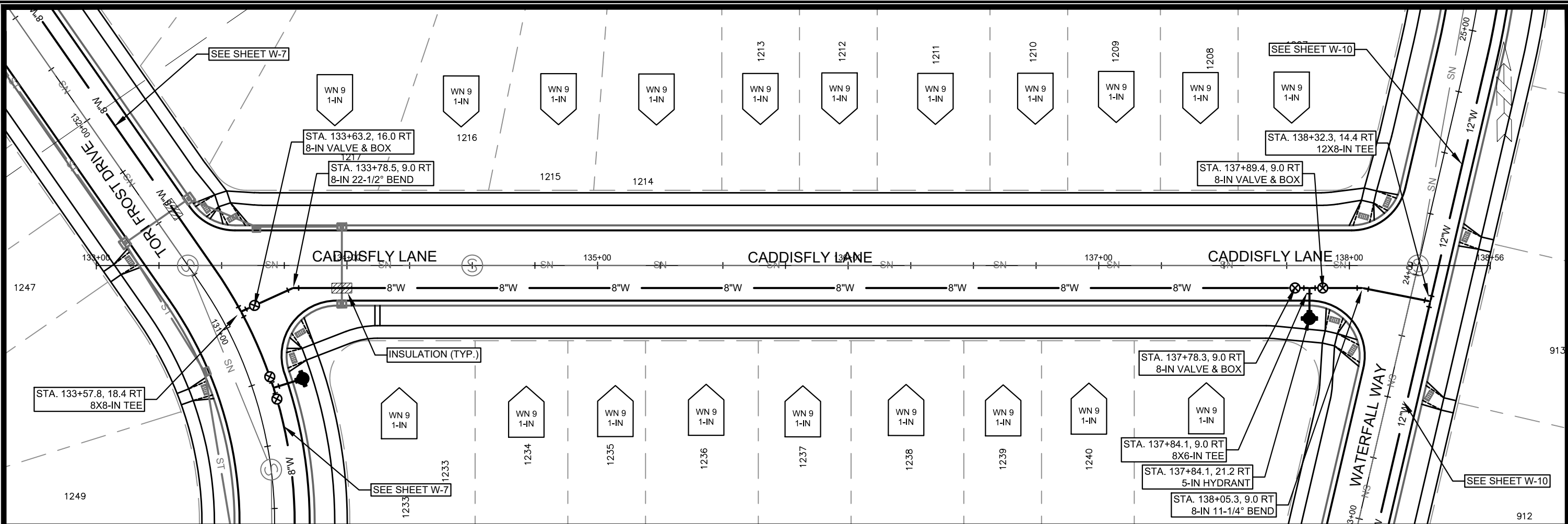
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13303
MADISON, WI
CONTRACT NO: 8976

WATERFALL WAY - WATER PLAN AND PROFILE
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W-10

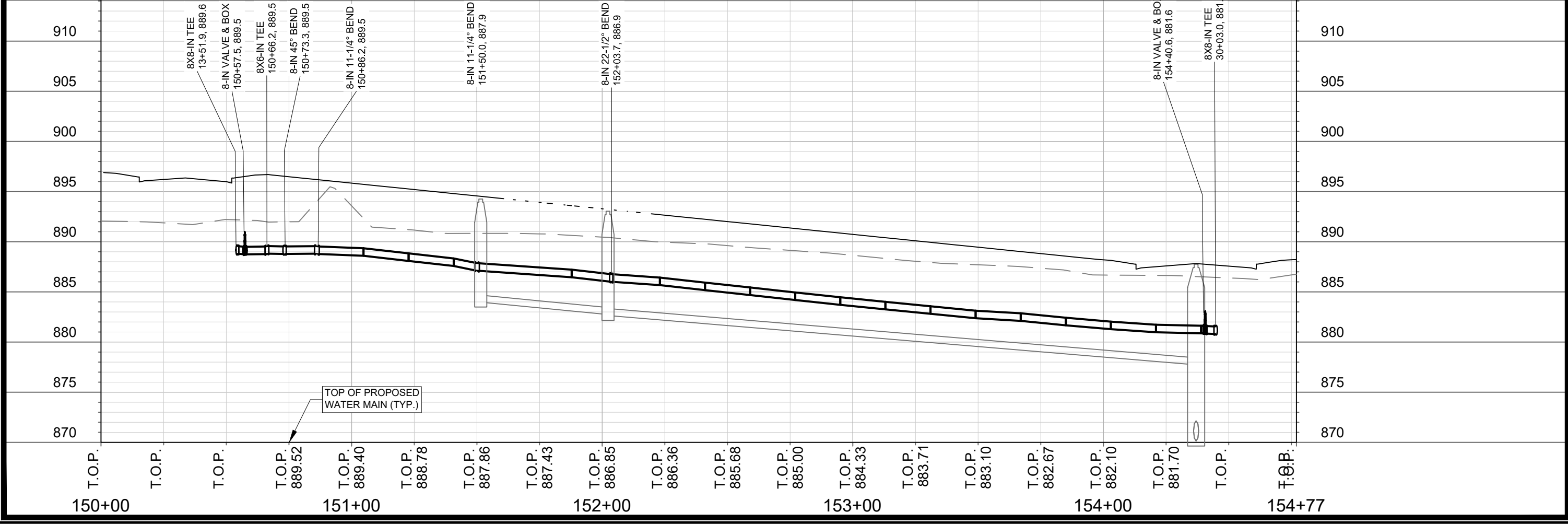
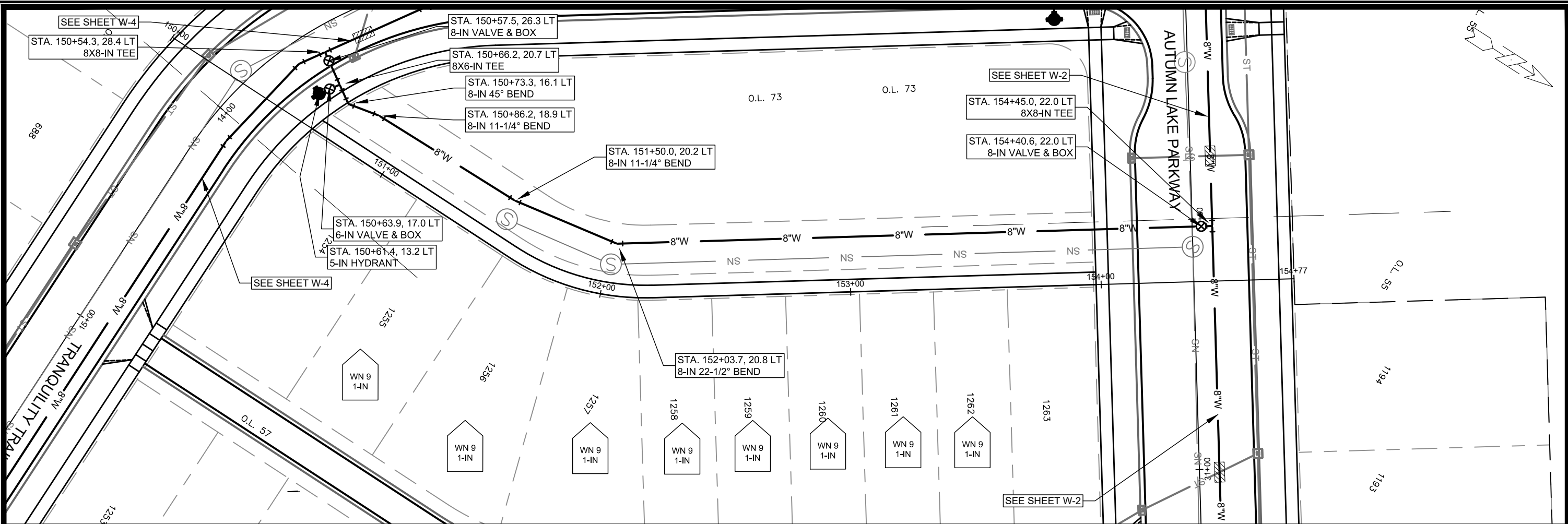



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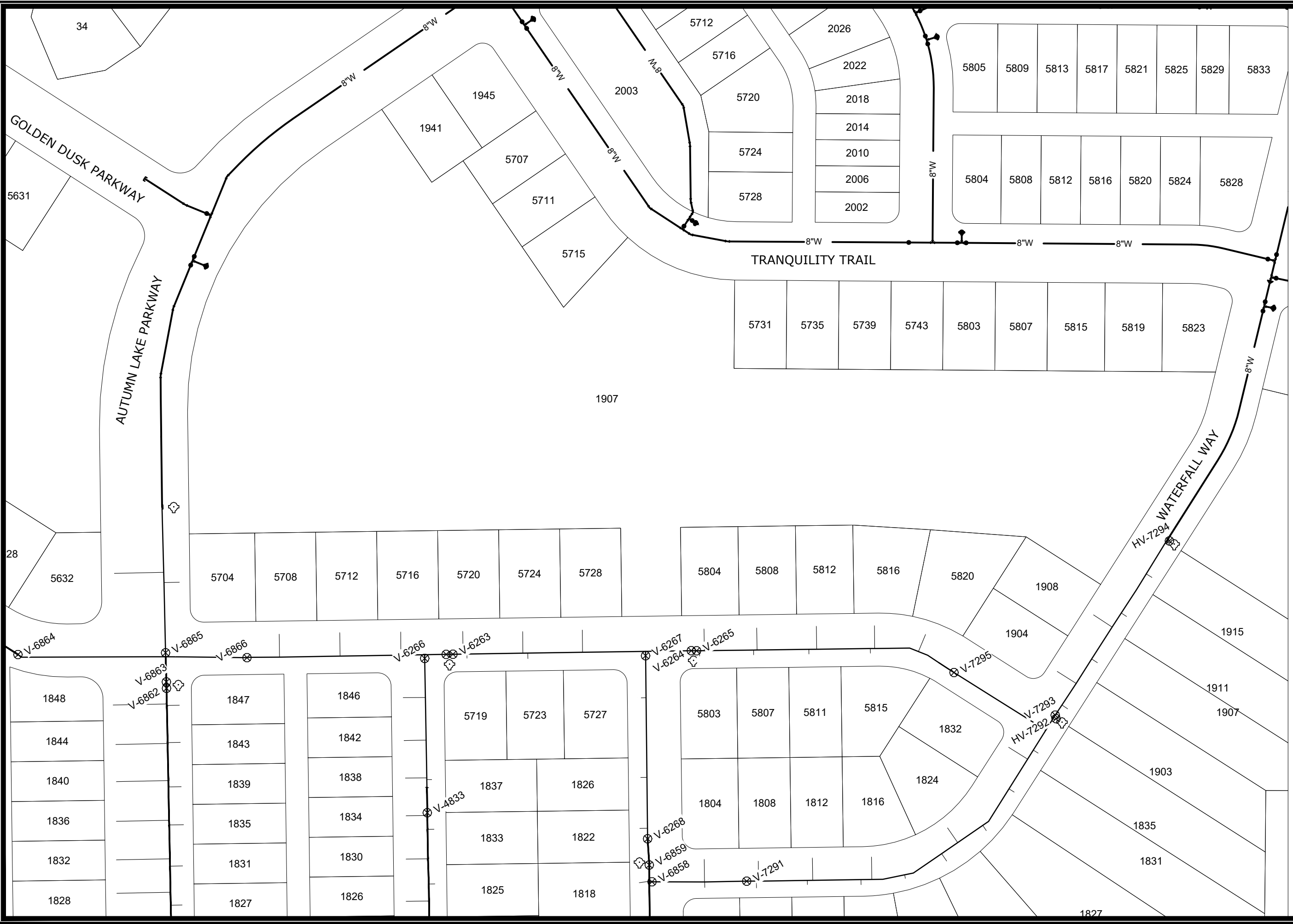
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MADISON, WI
8976
CONTRACT NO:

CADDISFLY LANE - WATER PLAN & PROFILE
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W-11



	13303 W-12	OUTLOT 73 - WATER PLAN & PROFILE VILLAGE AT AUTUMN LAKE: PHASE 11
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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.



VILLAGE AT AUTUMN LAKE: PHASE 11
 WATER IMPACT PLAN WATER SHEETS
 CITY OF MADISON, WISCONSIN

SCALE: 1" = 100'
 DESIGNED BY: PEH
 MADISON WATER UTILITY
 119 E OLIN AVE, MADISON, WI 53713
 PRINTING DATE: 4/21/21

CONTRACT NO: 8976



13303
 W-13



CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN BELOW FINISHED GRADE AS NOTED IN THE PROFILES. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY THE ENGINEER AS HAVING INADEQUATE COVER.
2. MINIMIZE DISRUPTIONS OF SERVICE TO EXISTING WATER CUSTOMERS. NOTIFY PER STANDARD SPECIFICATION REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
3. THE EXISTING UTILITIES SHOWN ON THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN REPARATION. THE CONTRACTOR IS RESPONSIBLE OR HAVING EACH UTILITY LOCATED AND MARKED PRIOR TO COMMENCING WORK.

ESTIMATE OF NEW MATERIALS*

DESCRIPTION	QUANTITY	UNIT
6-INCH PIPE	140	LNFT
8-INCH PIPE	4140	LNFT
12-INCH PIPE	780	LNFT
24-INCH RCP CASING	40	LNFT
6-INCH WATER VALVE	1	EACH
8-INCH WATER VALVE	22	EACH
12-INCH WATER VALVE	3	EACH
5-IN HYDRANT	9	EACH
1-INCH SERVICE LATERALS	85	EACH
STYROFOAM INSULATION	440	LNFT
8-IN MJ CAP	1	EACH
6-IN MJ PLUG	2	EACH
8-IN MJ PLUG	1	EACH
12-IN MJ PLUG	2	EACH
8-IN 90° BEND	1	EACH
8-IN 45° BEND	5	EACH
8-IN 22-1/2° BEND	4	EACH
8-IN 11-1/4° BEND	8	EACH
12X8-IN REDUCER	1	EACH
8X6-IN TEE	9	EACH
8X8-IN TEE	7	EACH
12X6-IN TEE	2	EACH
12X8-IN TEE	2	EACH
12X12-IN TEE	1	EACH

ESTIMATE OF REUSED AND SALVAGED MATERIALS*

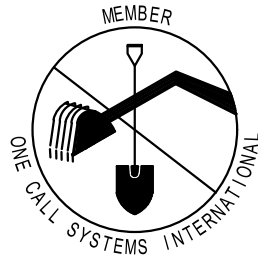
DESCRIPTION	QUANTITY	TYPE
5-IN HYDRANT	2	REUSE
8-IN MJ PLUG	2	SALVAGE

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

- | | |
|--------|---|
| 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. |

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.



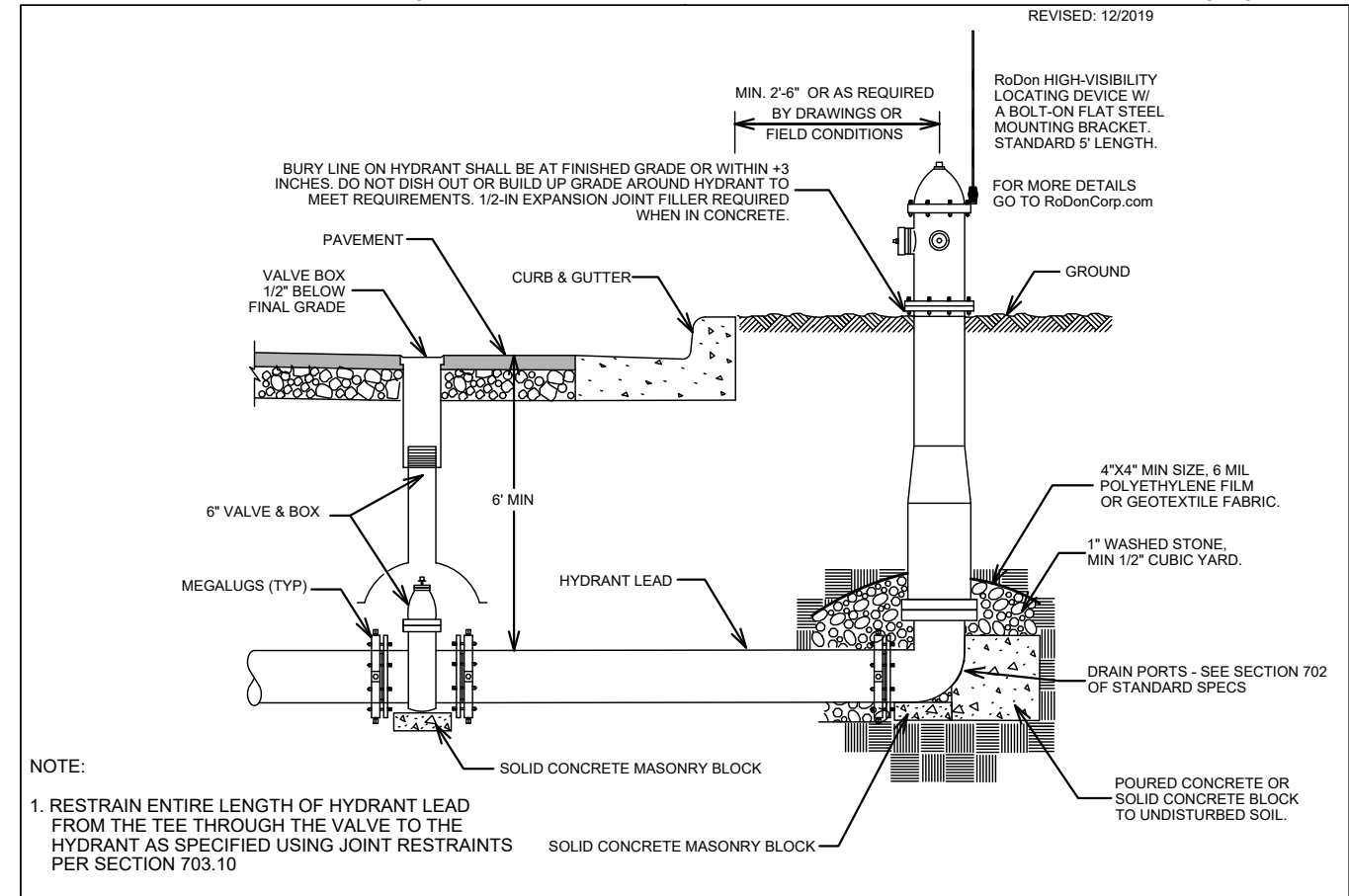
DISCLAIMER NOTE: UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

ULO	UTILITY	STATION	OFFSET	SHEET
N/A				

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2019



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

VILLAGE AT AUTUMN LAKE: PHASE 11

WATER ESTIMATE OF MATERIALS

CITY OF MADISON, WISCONSIN

SCALE: N/A

DESIGNED BY: PEH

MADISON WATER UTILITY

119 E OLIN AVE, MADISON, WI 53713

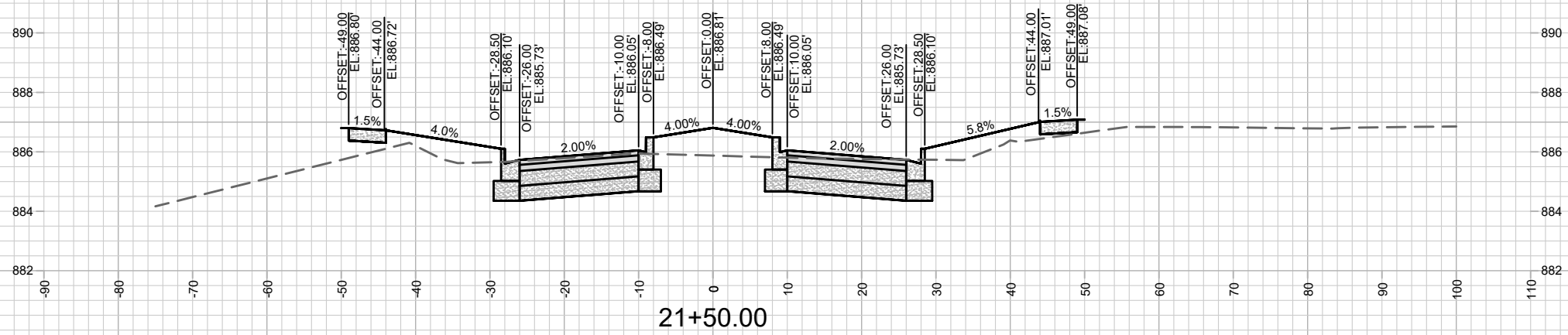
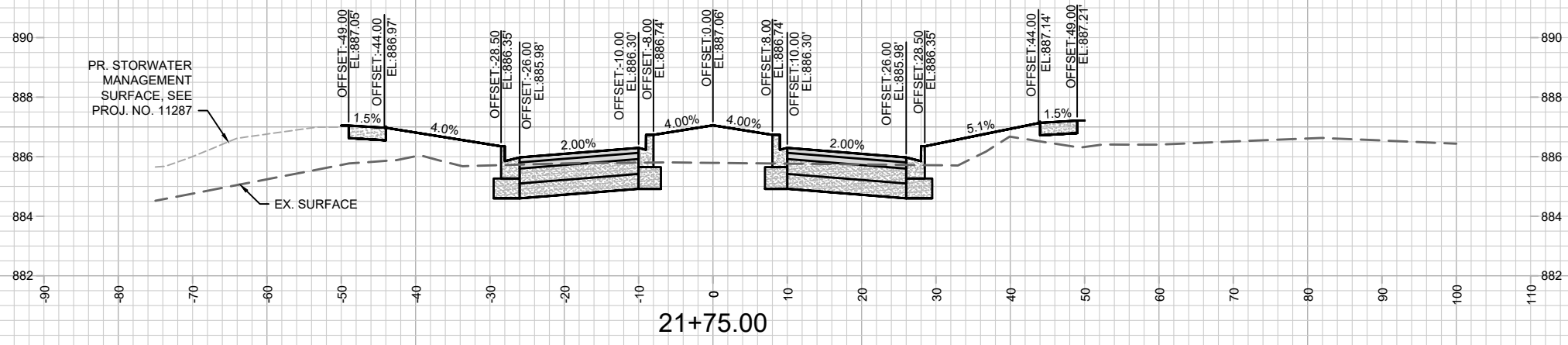
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CONTRACT NO: 8976



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W-14



MARK	REVISION	DATE	BY

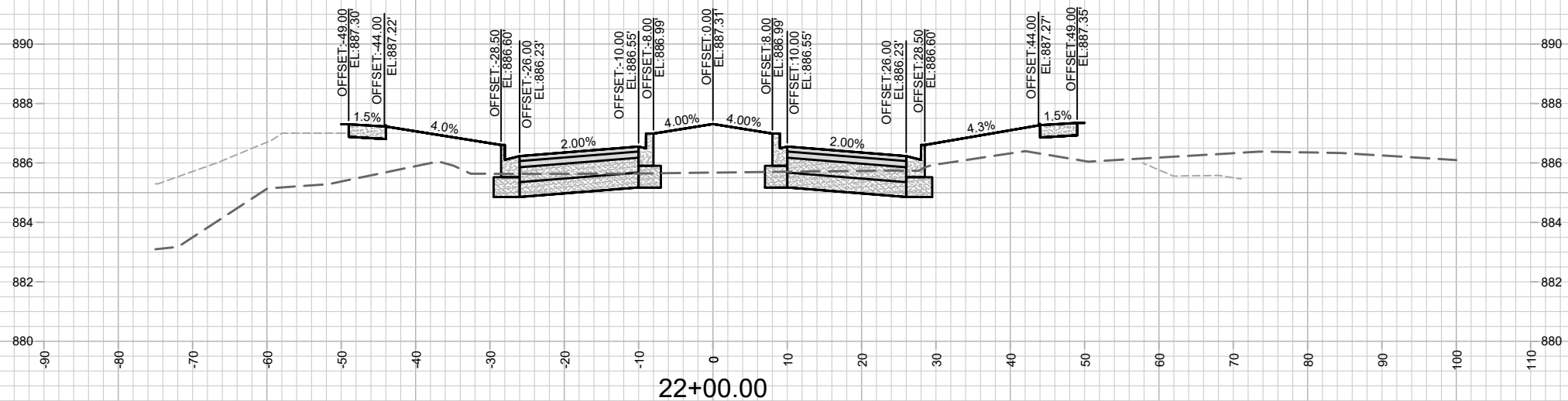
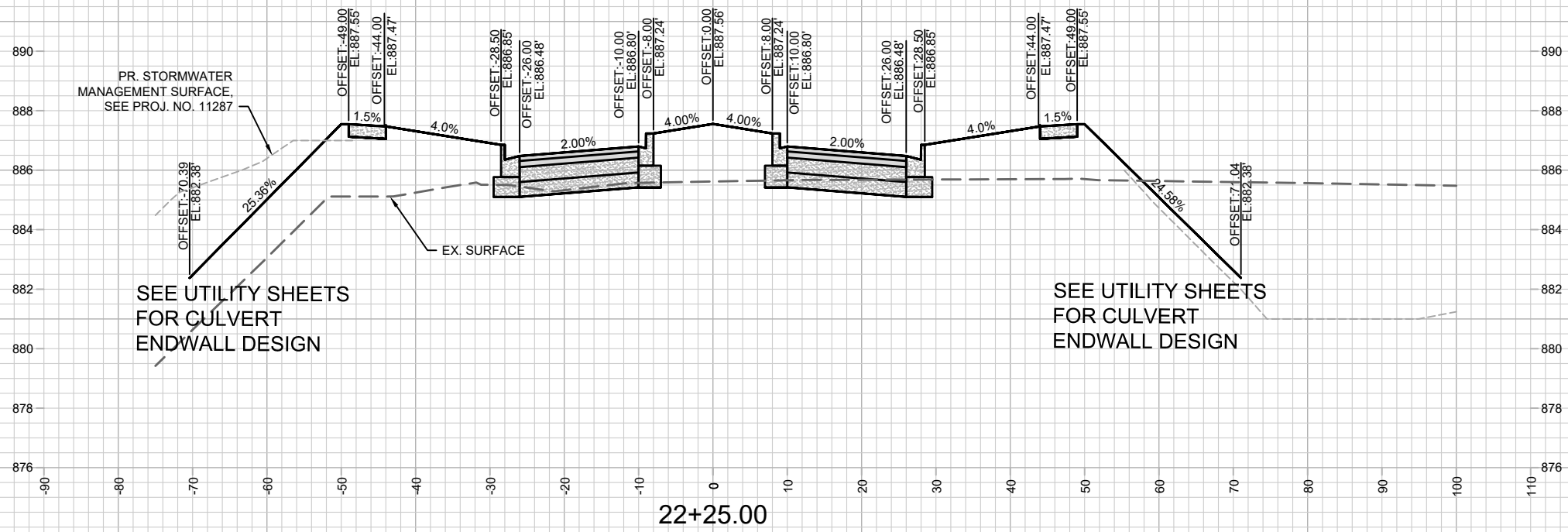
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Date: 4/14/2021 3:45 PM
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13303
MADISON, WI
8976
CONTRACT NO:

AUTUMN LAKE PARKWAY - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11
M:\DESIGN\Projects\13303\CAD\Streets\13303EN-Corridor.dwg



13303
X-1

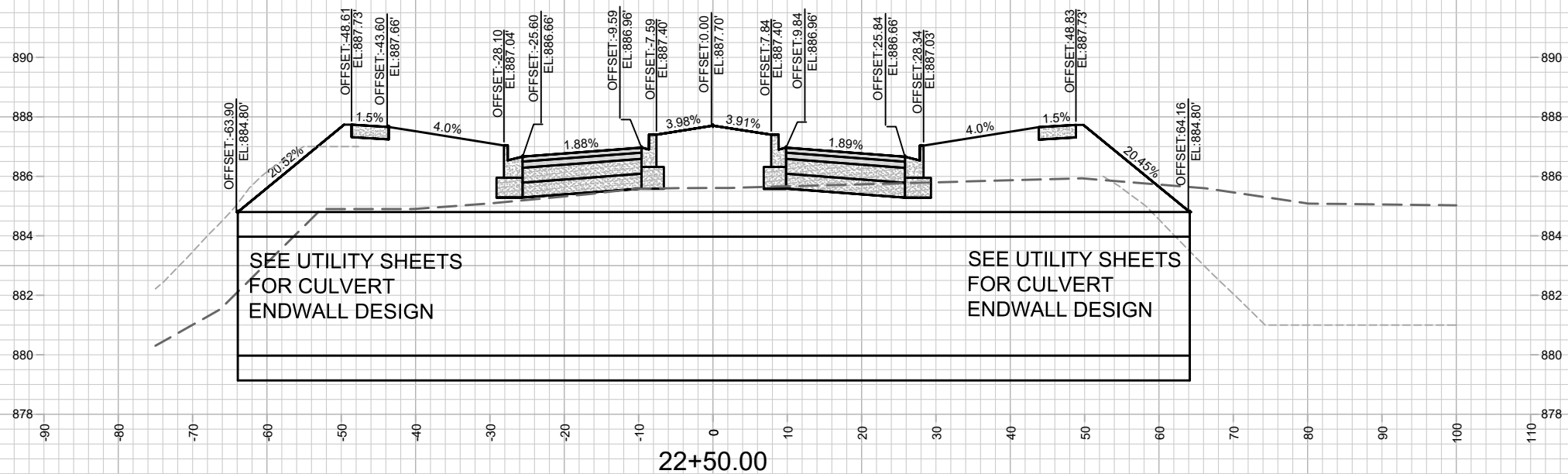
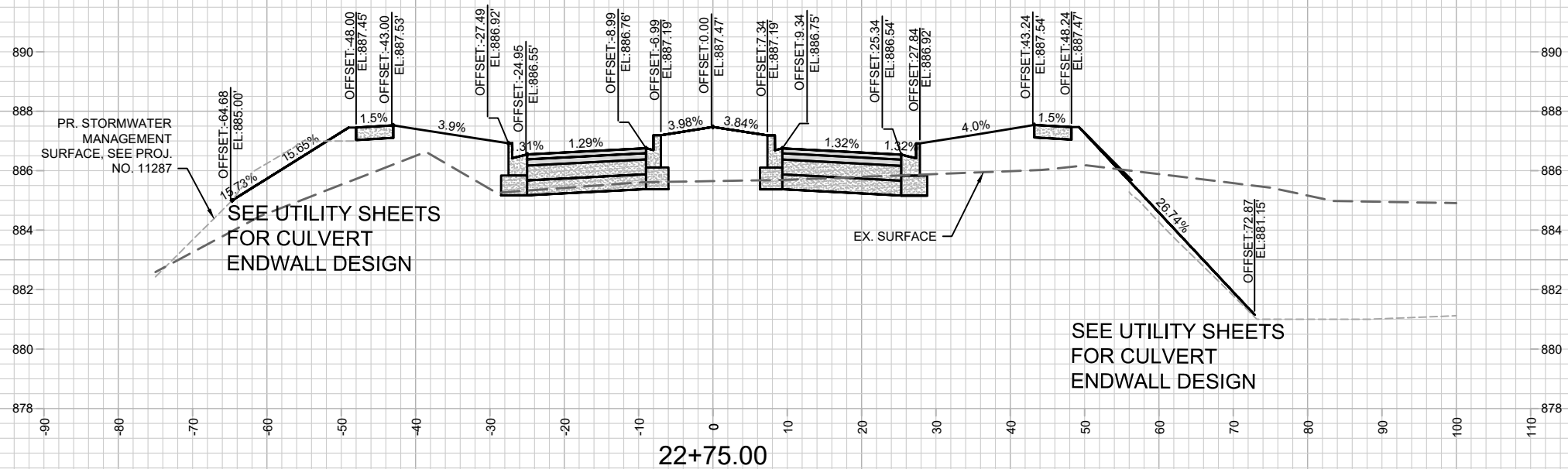


MARK	REVISION	DATE	BY

13303
MADISON, WI
8976
CONTRACT NO:

AUTUMN LAKE PARKWAY - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11
M:\DESIGN\Projects\13303\CAD\Streets\13303EN-Corridor.dwg





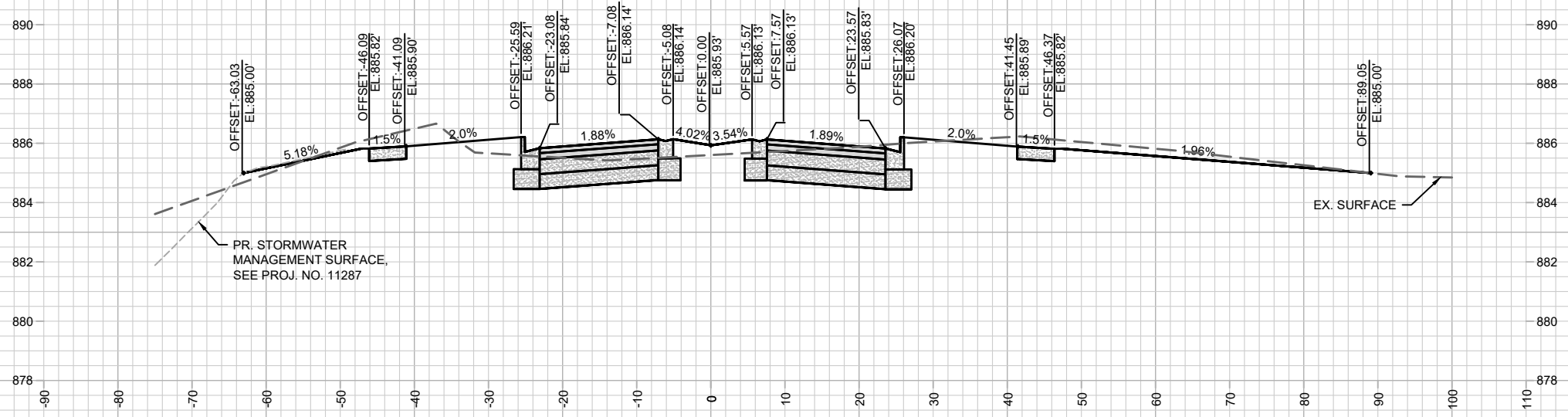
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13303
 MADISON, WI
 8976
 CONTRACT NO:

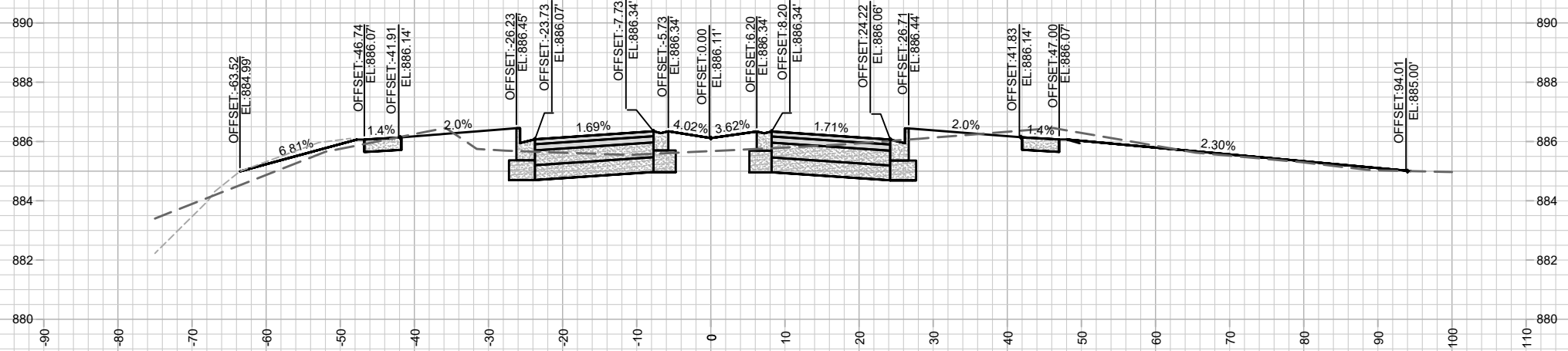
AUTUMN LAKE PARKWAY - CROSS SECTIONS
 VILLAGE AT AUTUMN LAKE: PHASE 11
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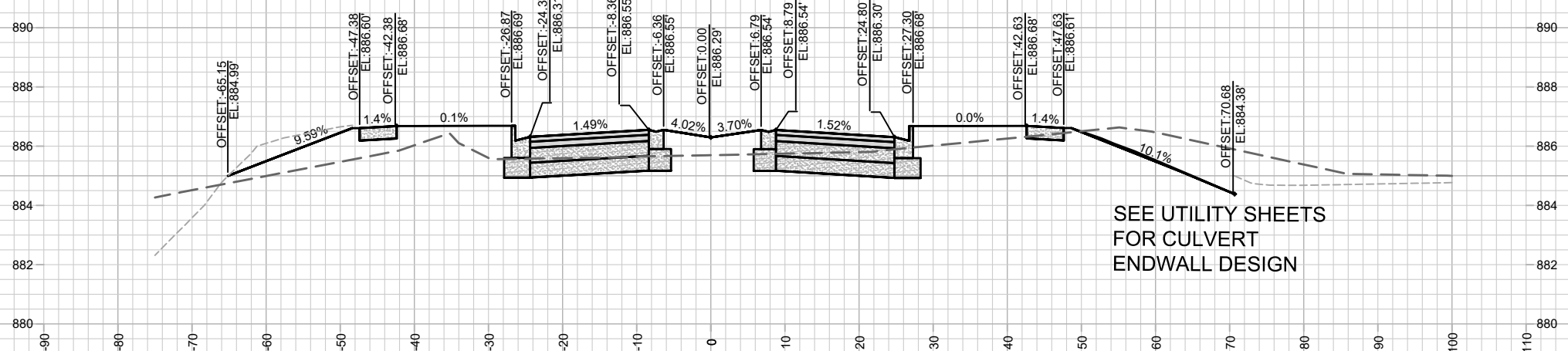
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23+50.00



23+25.00



23+00.00

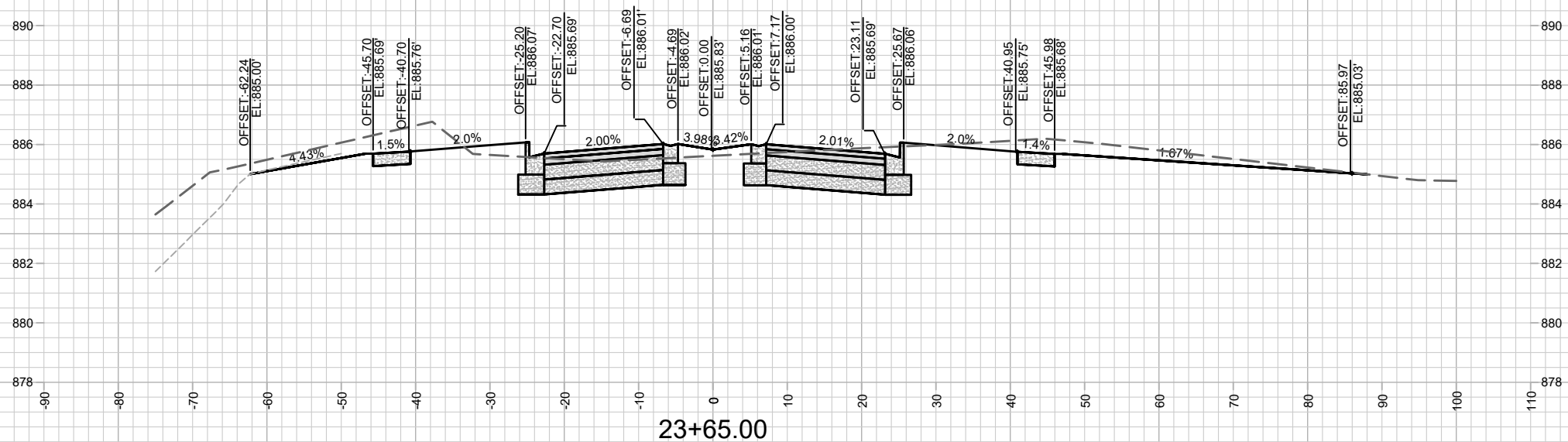
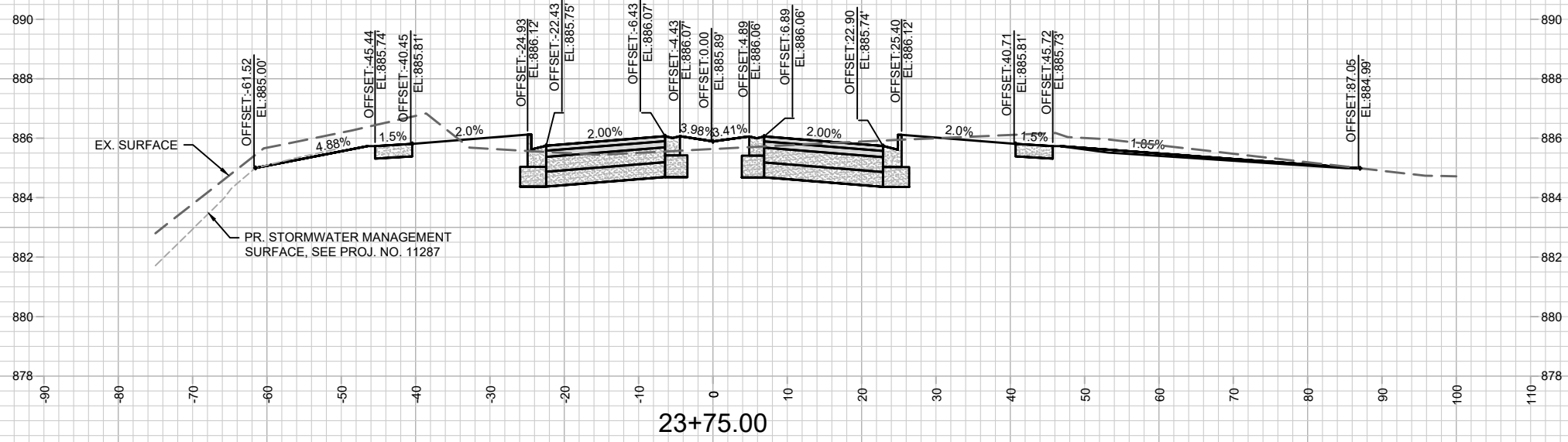
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13303
MADISON, WI
8976
CONTRACT NO:

AUTUMN LAKE PARKWAY - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11
M:\DESIGN\Projects\13303\CAD\Streets\13303EN-Corridor.dwg



13303
X-4



MARK	REVISION	DATE	BY

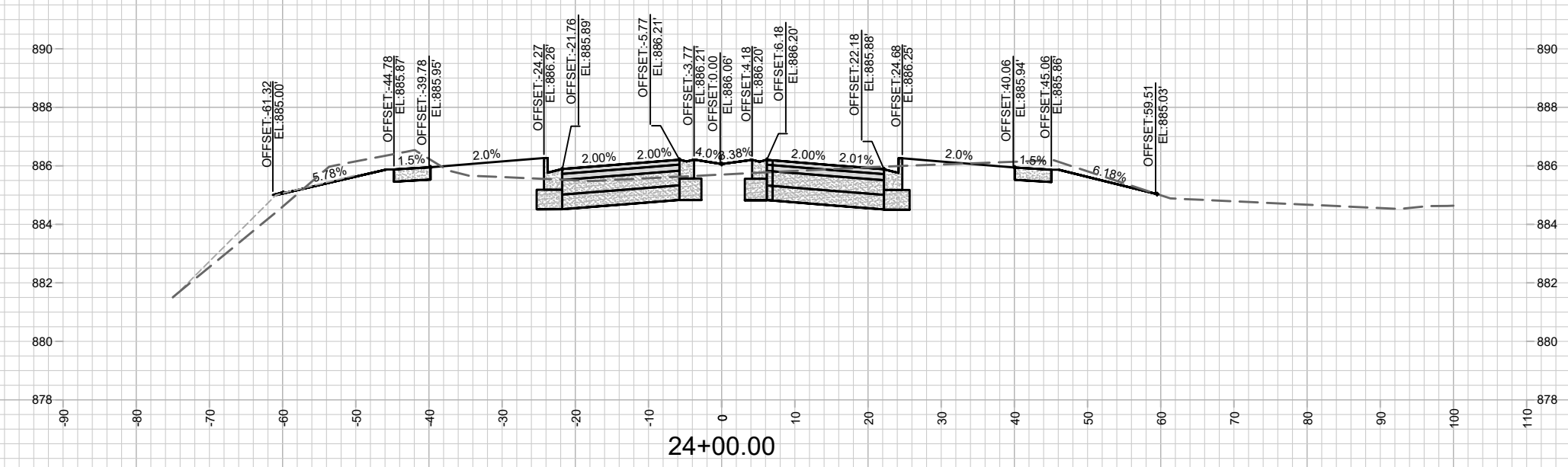
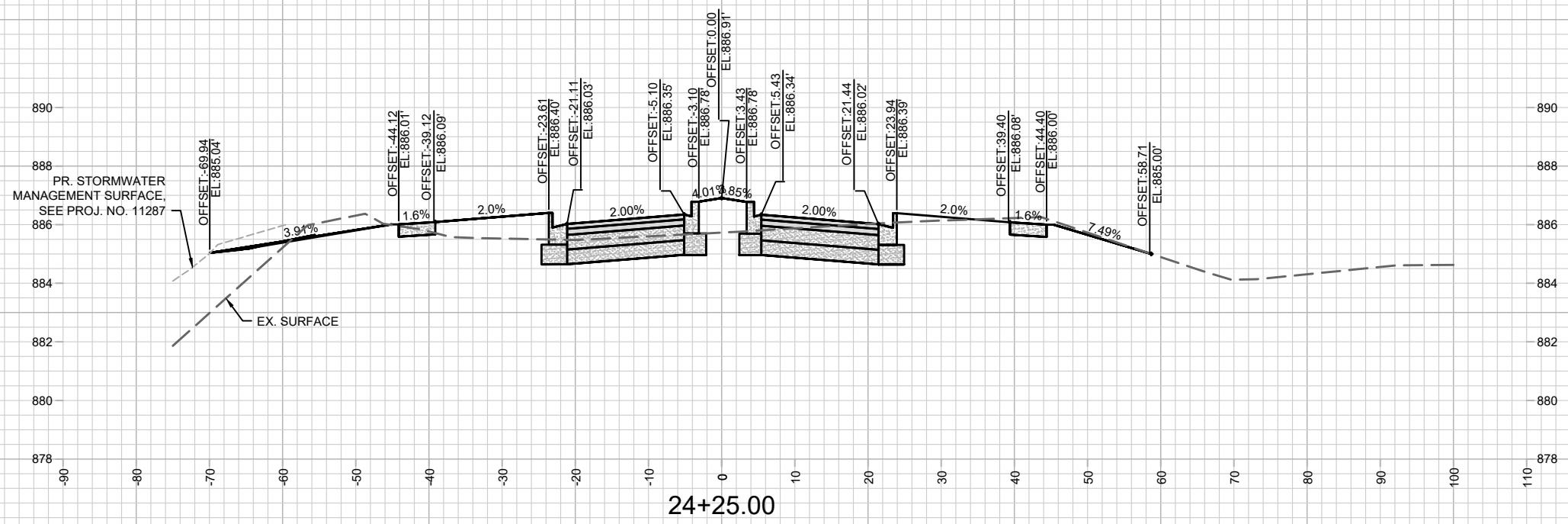
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MADISON, WI
8976
CONTRACT NO:

AUTUMN LAKE PARKWAY - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11
M:\DESIGN\Projects\13303\CAD\Streets\13303EN-Corridor.dwg



13303
X-5

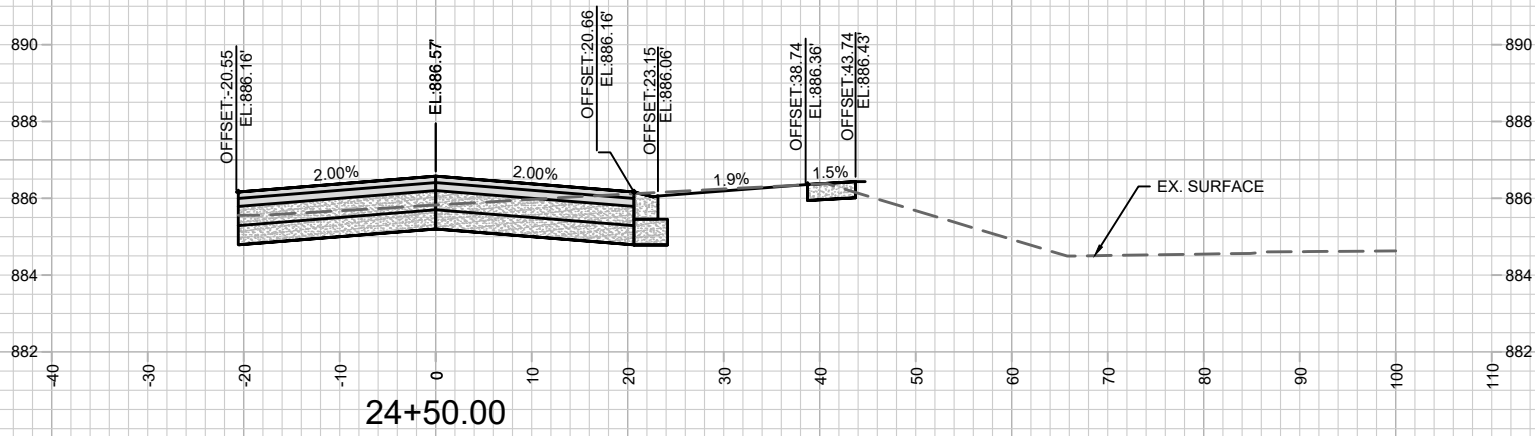
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Date: 4/14/2021 3:46 PM
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X-5



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13303
 AUTUMN LAKE PARKWAY - CROSS SECTIONS
 MADISON, WI
 VILLAGE AT AUTUMN LAKE: PHASE 11
 CONTRACT NO.: 8976
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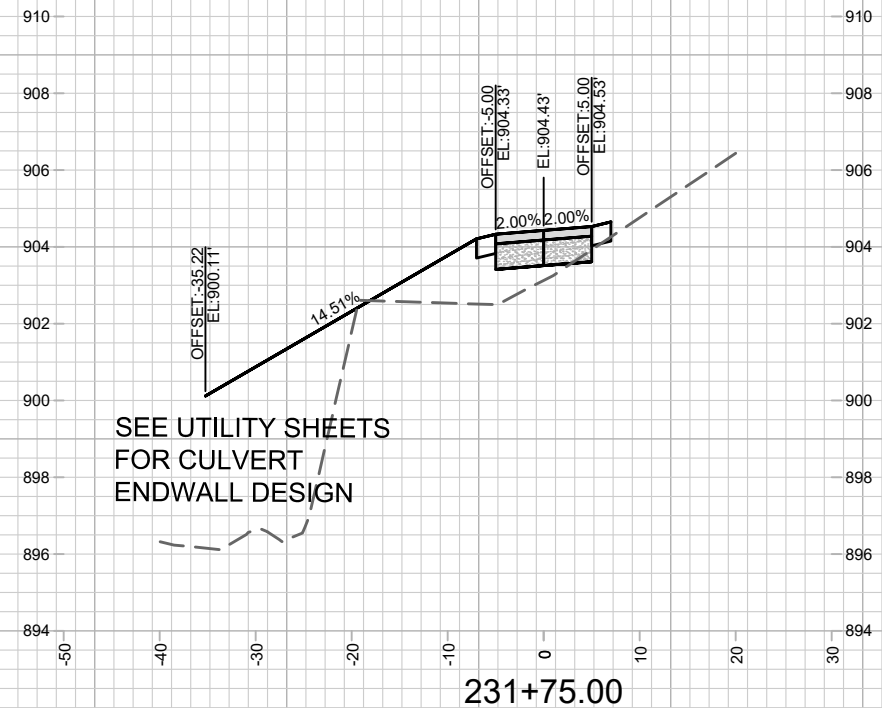
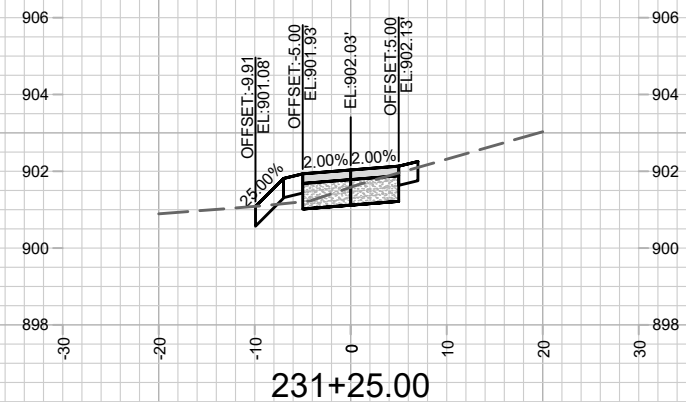
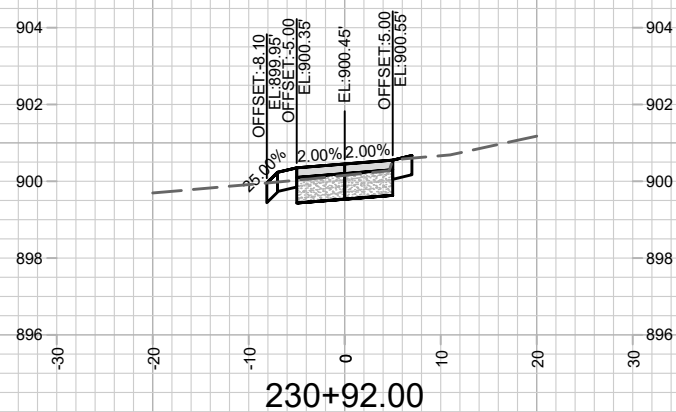
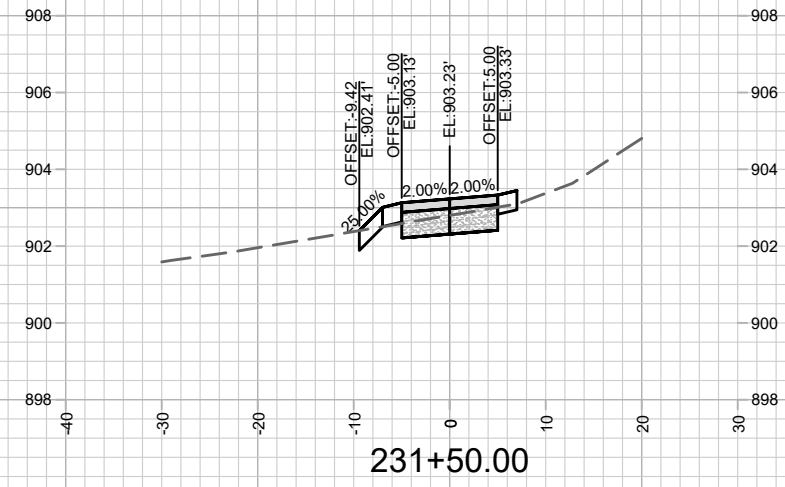
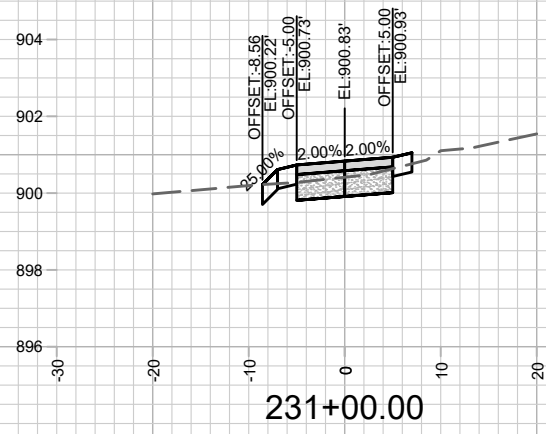
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X-7

AUTUMN LAKE PARKWAY - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11

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13303
MADISON, WI
CONTRACT NO: 8976

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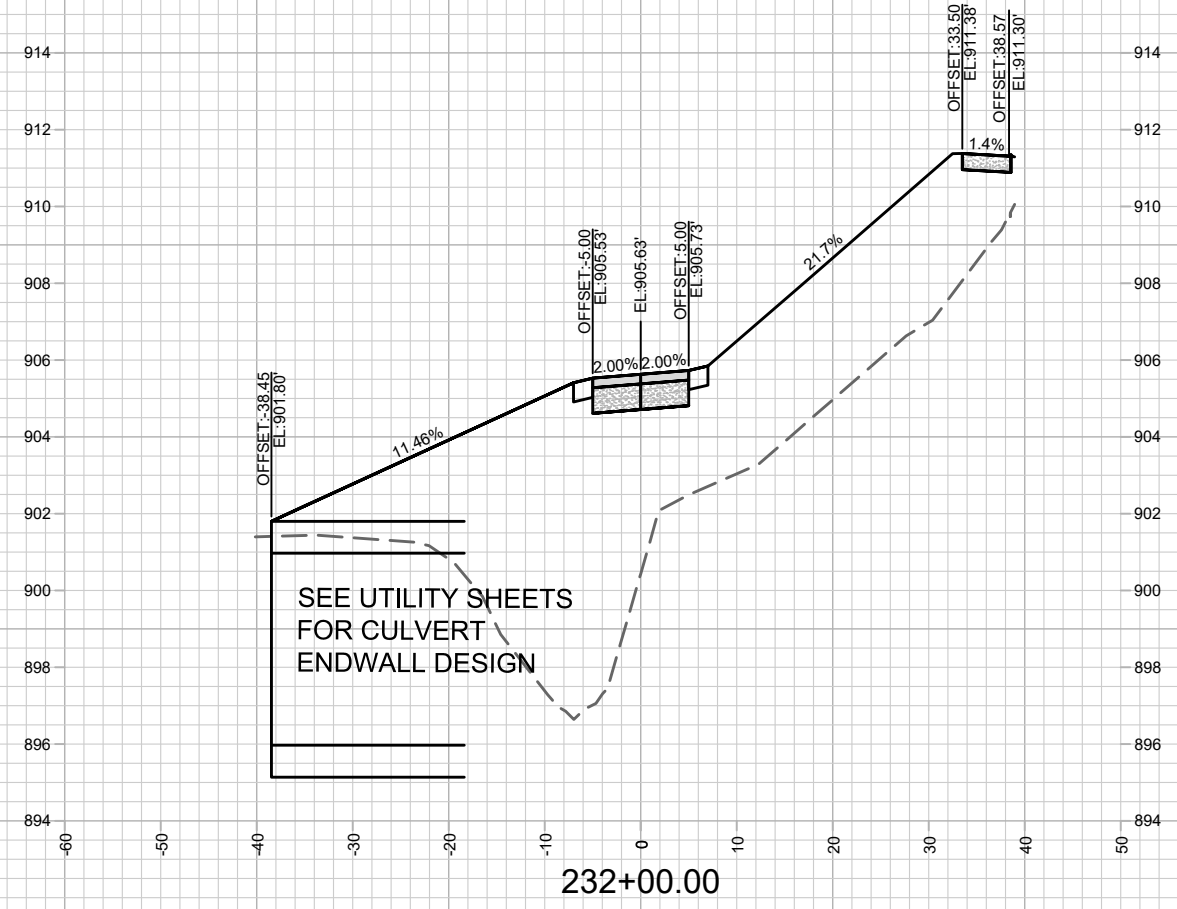
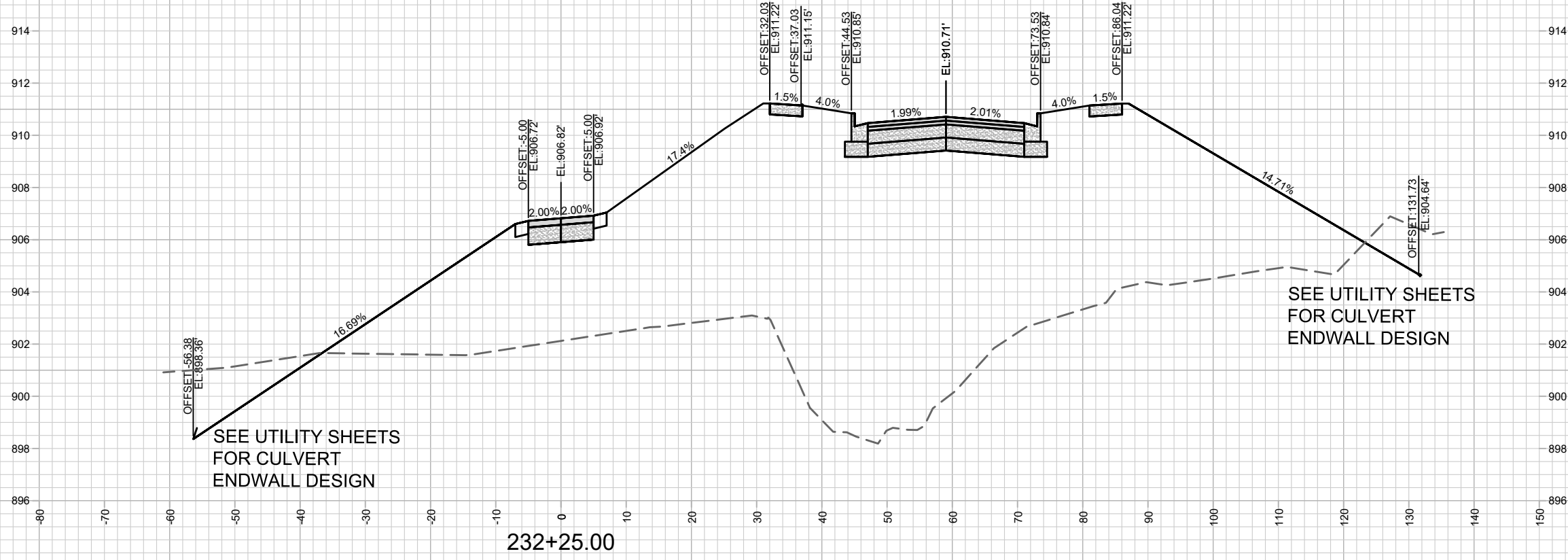
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13303
MADISON, WI
8976
CONTRACT NO:

OL 46 & 47 PATH - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
X-8



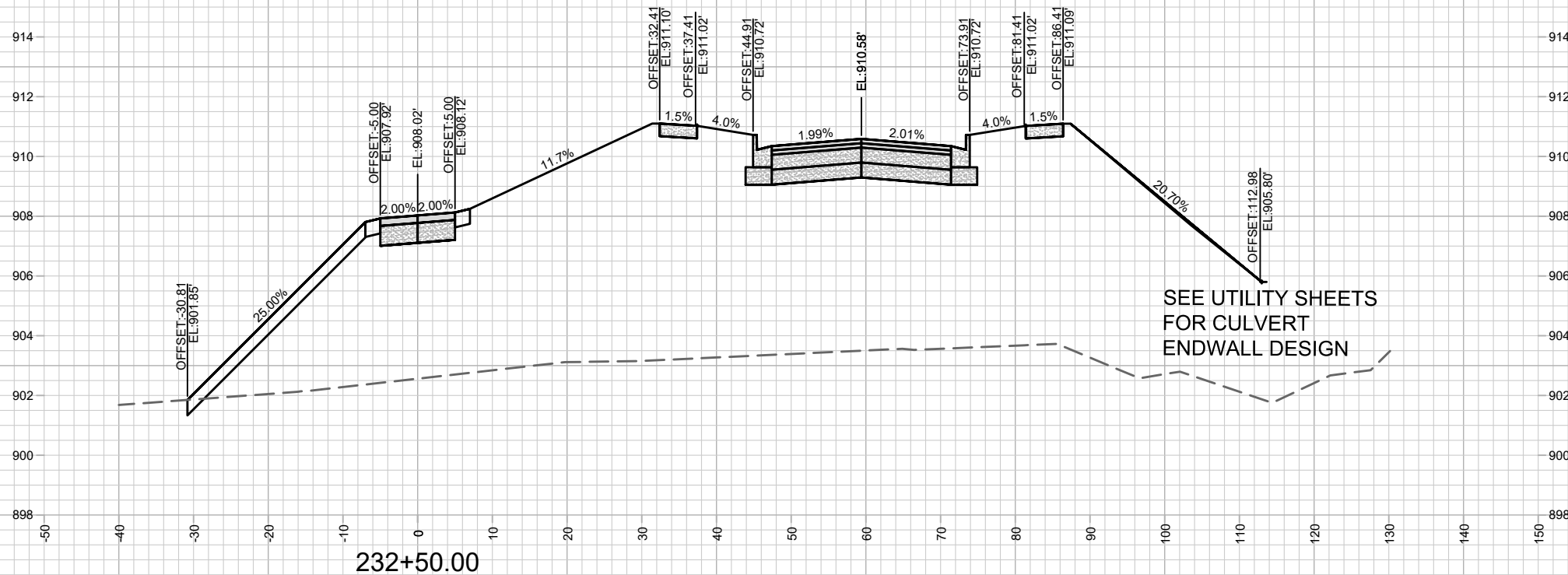
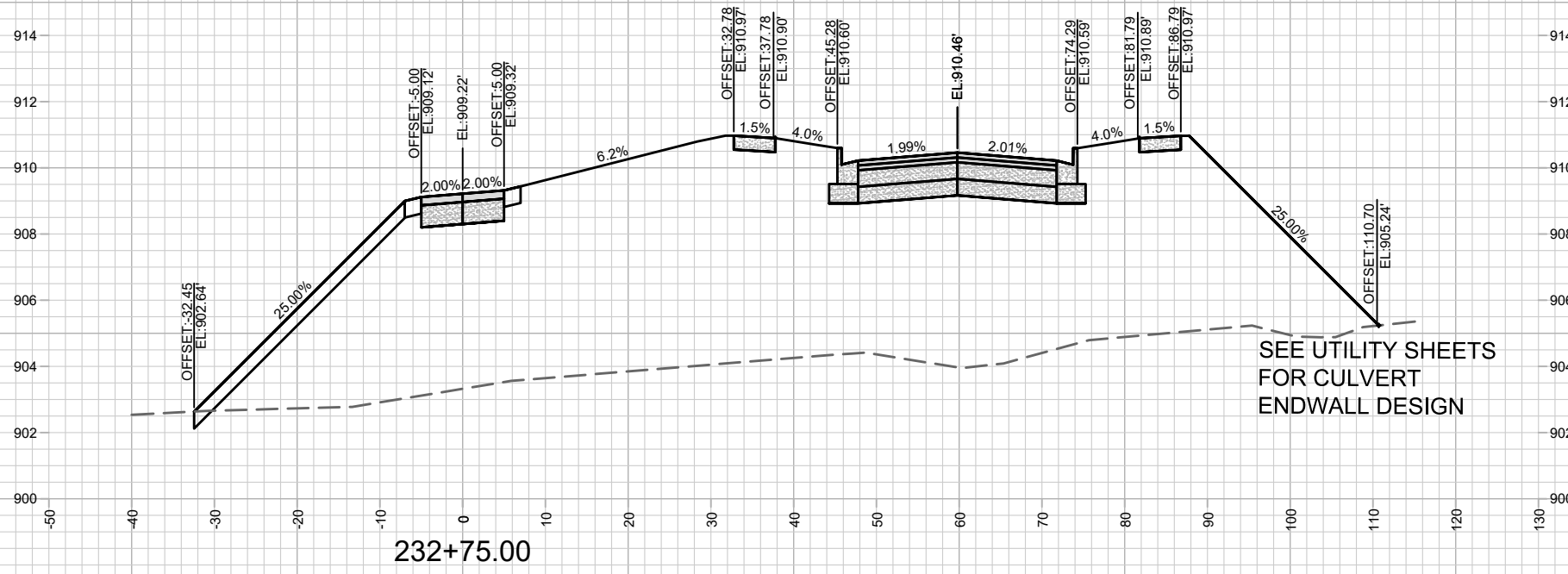
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 MADISON, WI
 8976
 CONTRACT NO:

OL 46 & 47 PATH - CROSS SECTIONS
 VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
 X-9



SEE UTILITY SHEETS
FOR CULVERT
ENDWALL DESIGN

SEE UTILITY SHEETS
FOR CULVERT
ENDWALL DESIGN

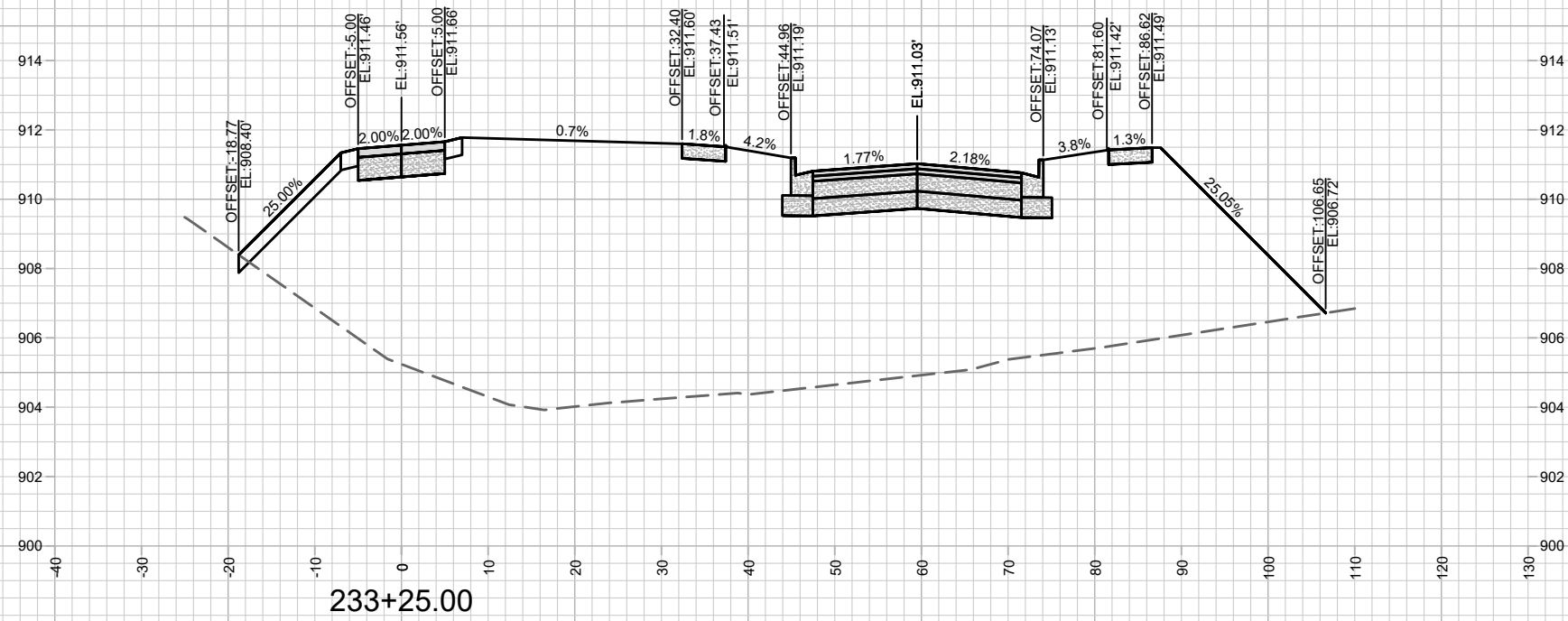
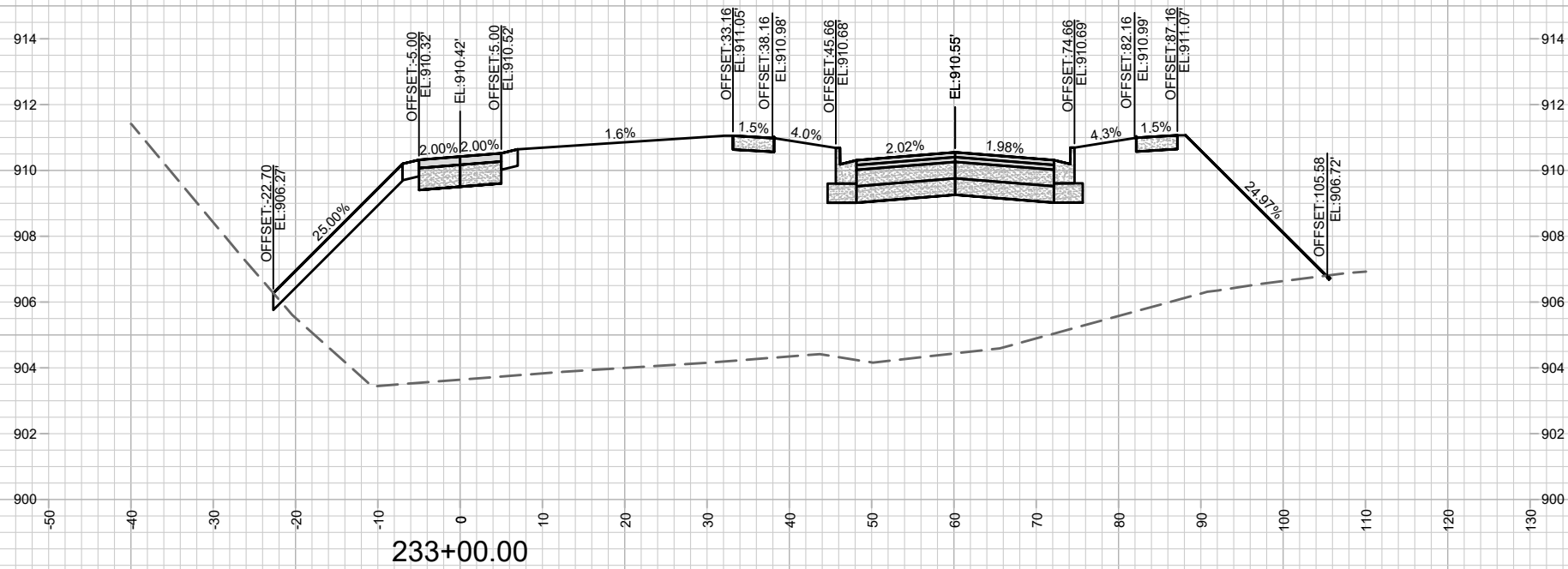
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MADISON, WI
8976
CONTRACT NO:

OL 46 & 47 PATH - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
X-10

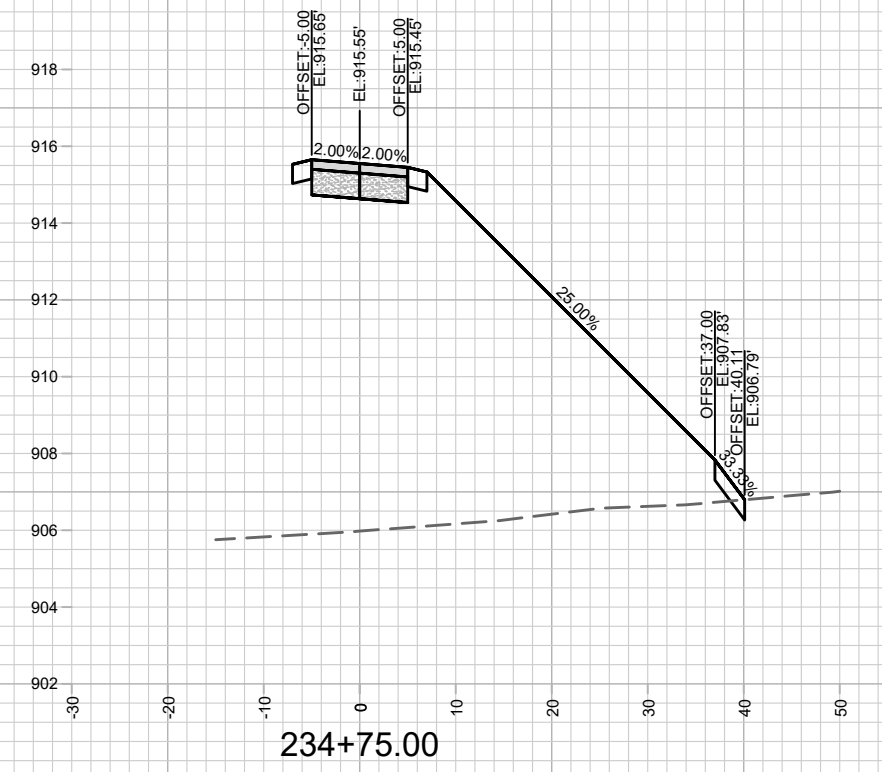
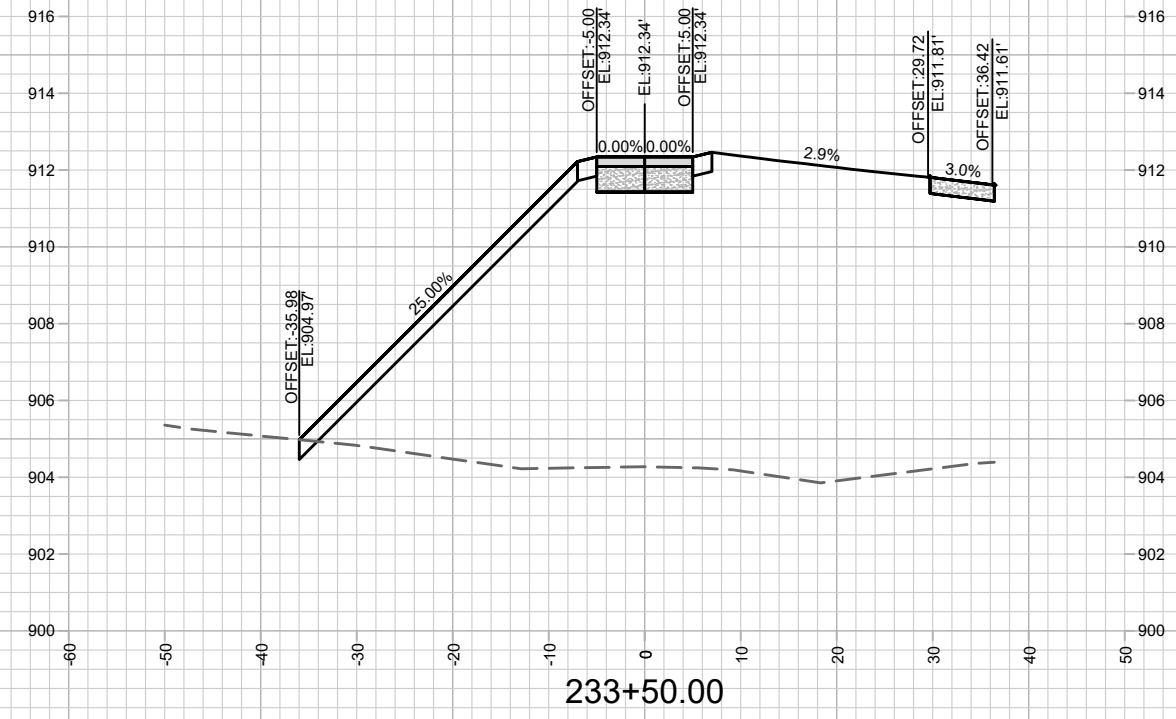
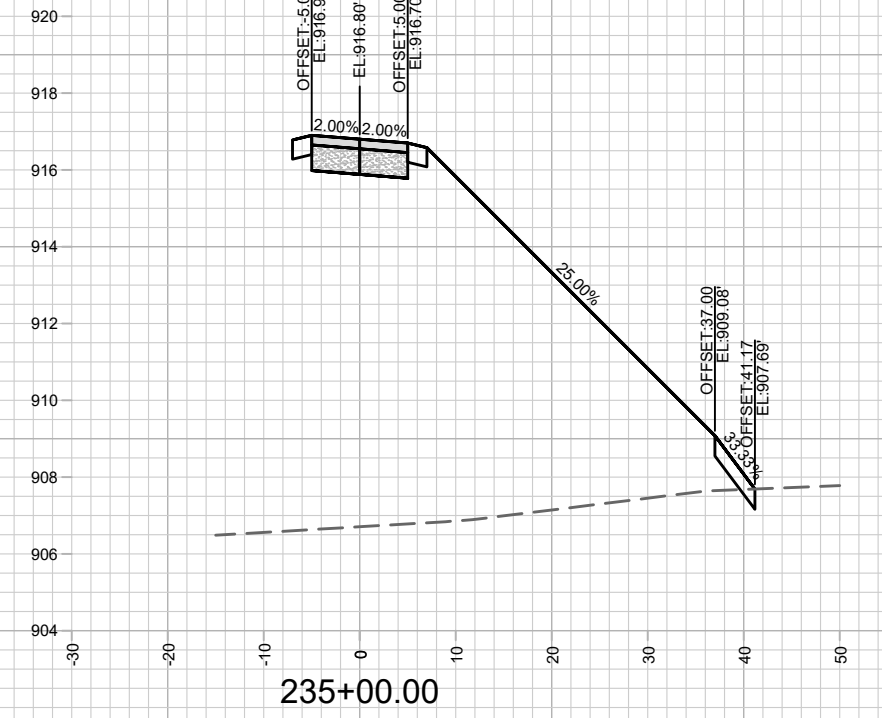
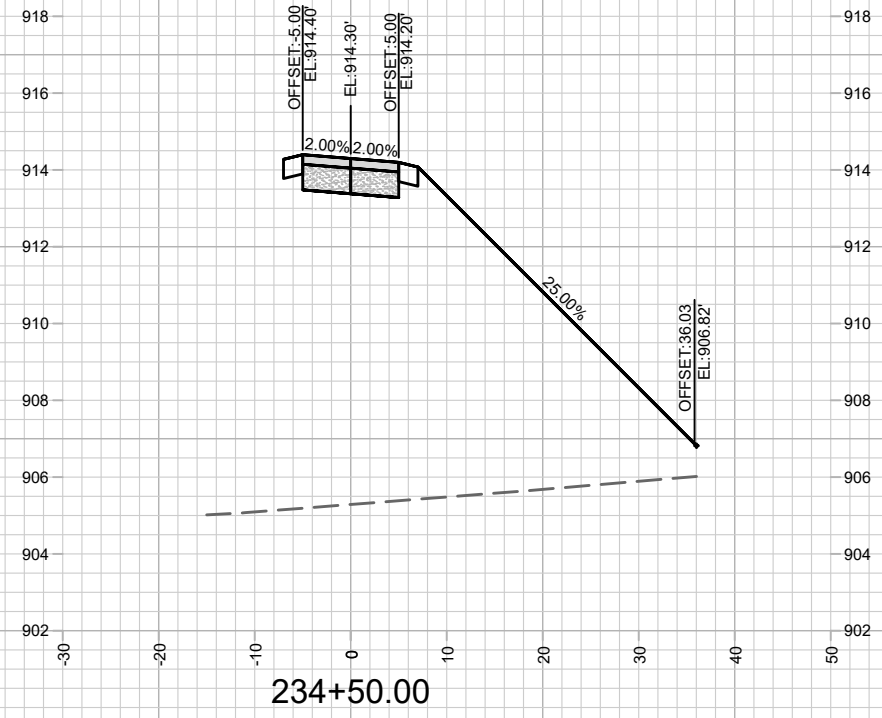


13303
X-11

OL 46 & 47 PATH - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
MADISON, WI
CONTRACT NO: 8976

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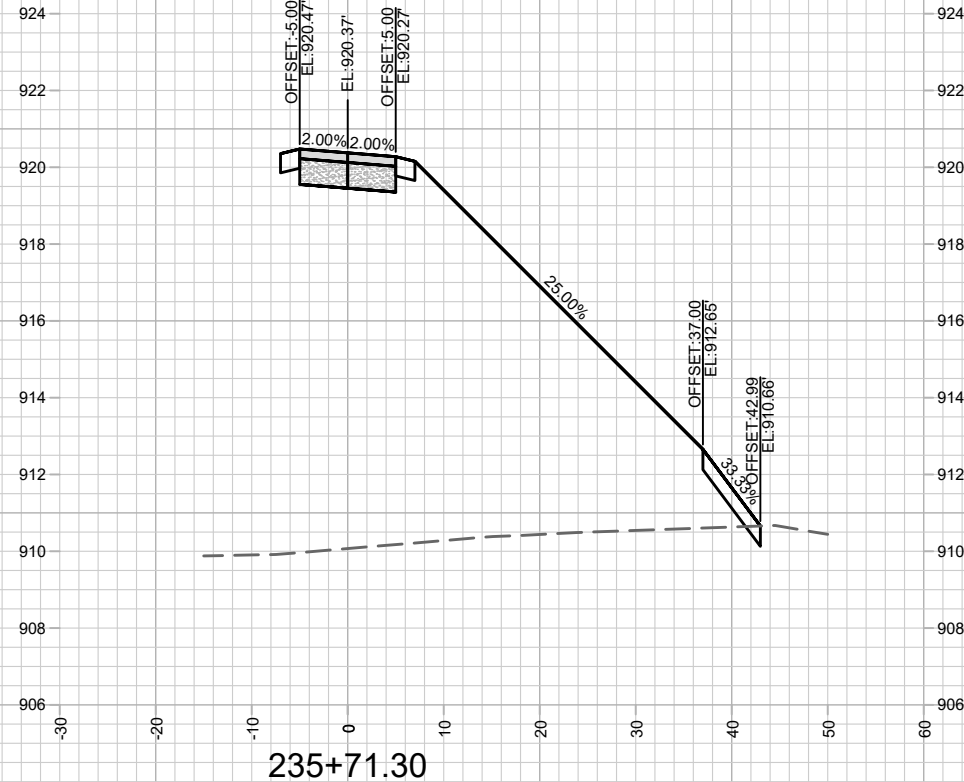
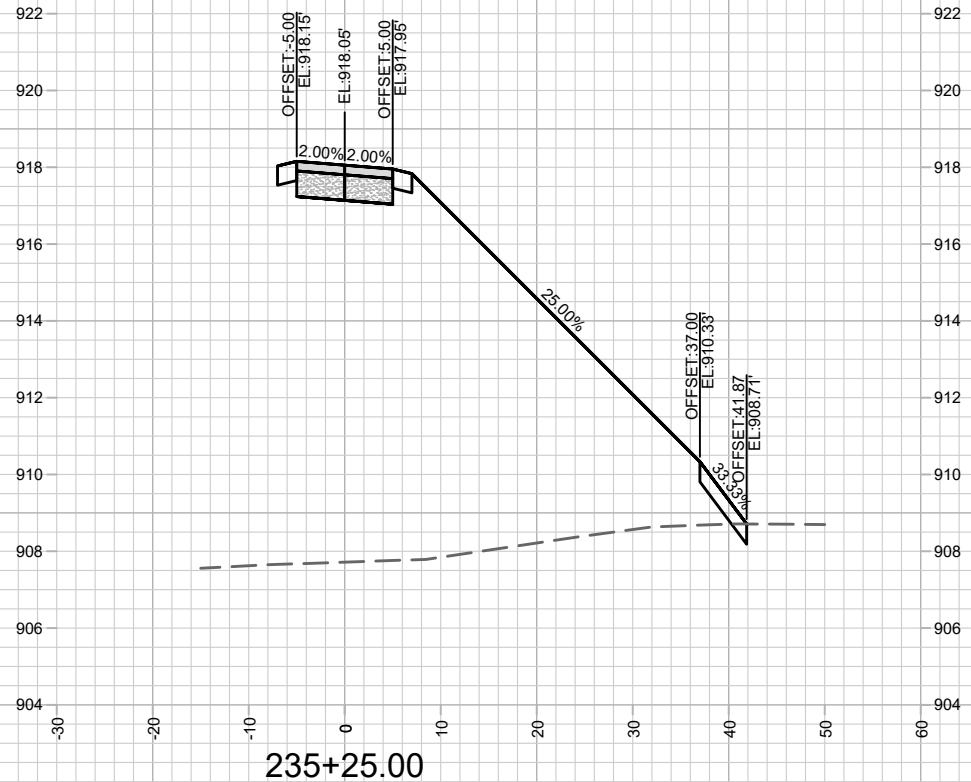
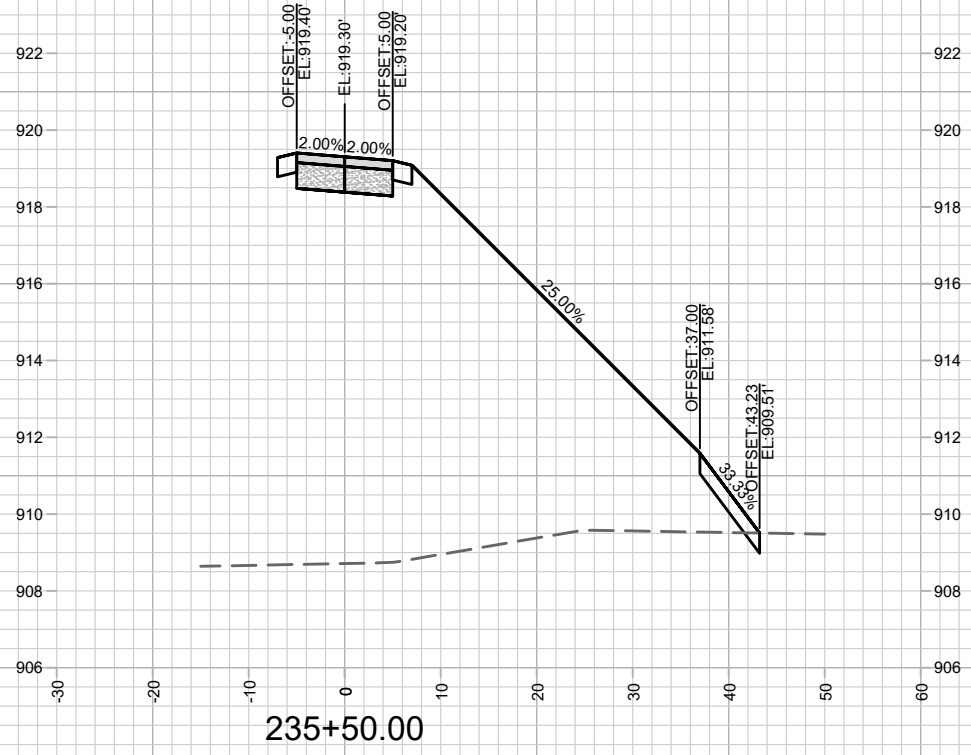
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13303
MADISON, WI
8976
CONTRACT NO:

OL 46 & 47 PATH - CROSS SECTIONS
VILLAGE AT AUTUMN LAKE: PHASE 11
M:\DESIGN\Projects\13303\CAD\Streets\13303\EN-Corridor.dwg



13303
X-12



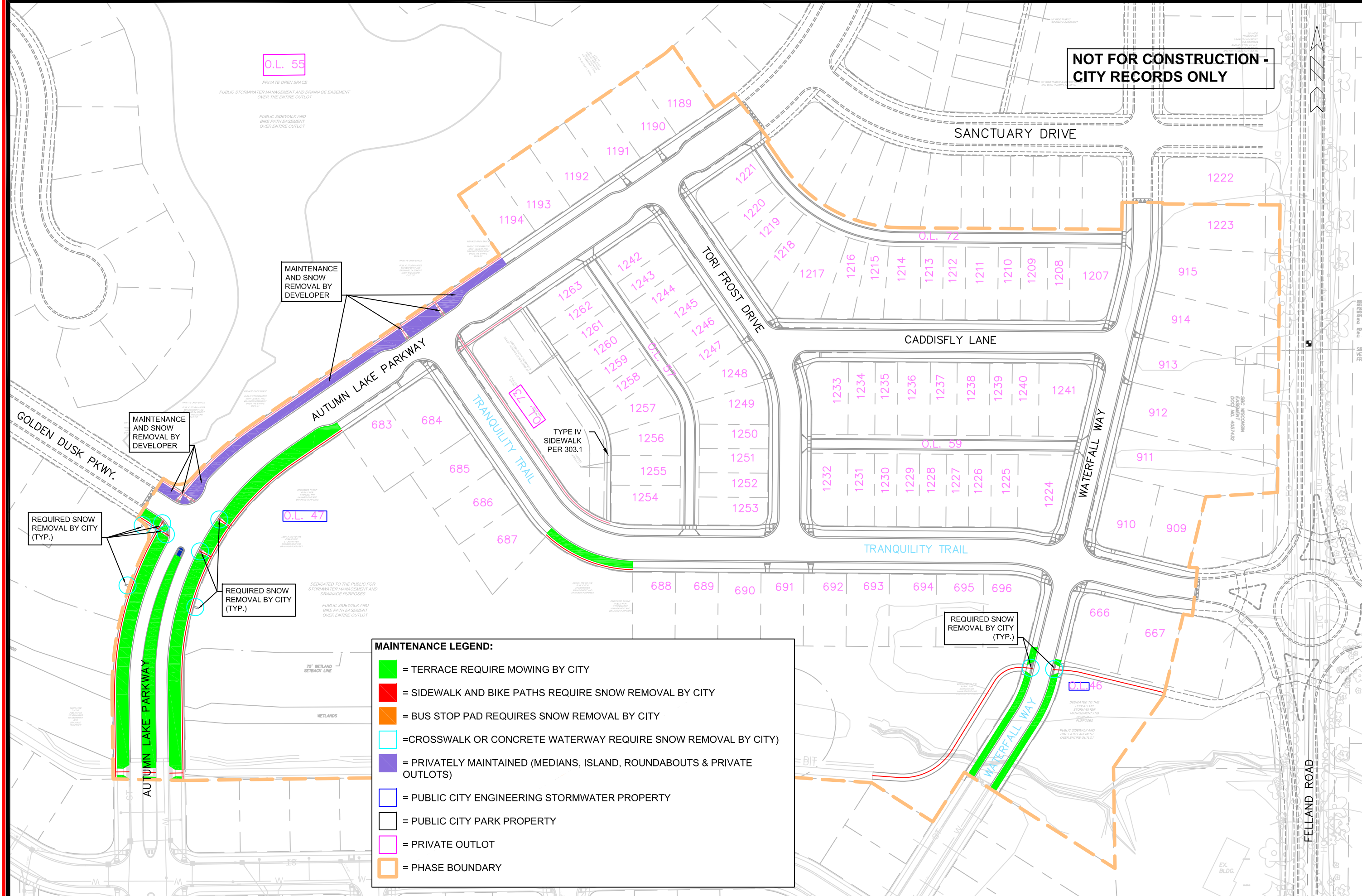
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13303
 MADISON, WI
 CONTRACT NO: 8976

OL 46 & 47 PATH - CROSS SECTIONS
 VILLAGE AT AUTUMN LAKE: PHASE 11
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13303
 X-13



**NOT FOR CONSTRUCTION -
CITY RECORDS ONLY**

O.L. 55

PRIVATE OPEN SPACE
PUBLIC STORMWATER MANAGEMENT AND DRAINAGE EASEMENT
OVER THE ENTIRE OUTLOT

PUBLIC SIDEWALK AND
BIKE PATH EASEMENT
OVER ENTIRE OUTLOT

MAINTENANCE
AND SNOW
REMOVAL BY
DEVELOPER

MAINTENANCE
AND SNOW
REMOVAL BY
DEVELOPER

REQUIRED SNOW
REMOVAL BY CITY
(TYP.)

REQUIRED SNOW
REMOVAL BY CITY
(TYP.)

REQUIRED SNOW
REMOVAL BY CITY
(TYP.)

O.L. 47

DEDICATED TO THE PUBLIC FOR
STORMWATER MANAGEMENT AND
DRAINAGE PURPOSES

PUBLIC SIDEWALK AND
BIKE PATH EASEMENT
OVER ENTIRE OUTLOT

75' WETLAND
SETBACK LINE

WETLANDS

TYPE IV
SIDEWALK
PER 303.1

O.L. 46

DEDICATED TO THE
PUBLIC FOR
STORMWATER
MANAGEMENT AND
DRAINAGE
PURPOSES

PUBLIC SIDEWALK AND
BIKE PATH EASEMENT
OVER ENTIRE OUTLOT

SEE MECHANICAL
DRAWING FOR
DOOR NO. AND
SIZES

MAINTENANCE LEGEND:

- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- = CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY
- = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)
- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = PUBLIC CITY PARK PROPERTY
- = PRIVATE OUTLOT
- = PHASE BOUNDARY

13303	MADISON, WI	13303	8976	MN-1
MAINTENANCE MAP		VILLAGE AT AUTUMN LAKE: PHASE 11		CONTRACT NO:
M:\DESIGN\Projects\13303\CAD\Streets\13303EN-Maintenance.dwg				
13303		MN-1		