



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

NORTHEAST ADDITION TO GRANDVIEW COMMONS

PHASE 5

CITY PROJECT NO. 13853
CONTRACT NO. 9092

PUBLIC IMPROVEMENT PROJECT
APPROVED

FEBRUARY 22, 2022

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

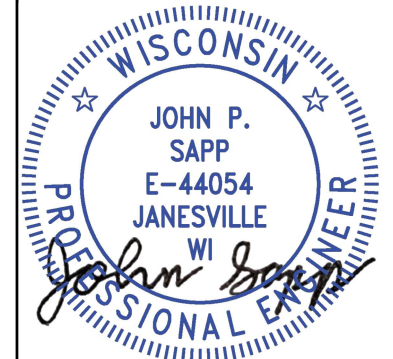
W- Greg Fries

Mar 23, 2022

City Engineer

Date

STREET GRADES
DESIGNED BY:



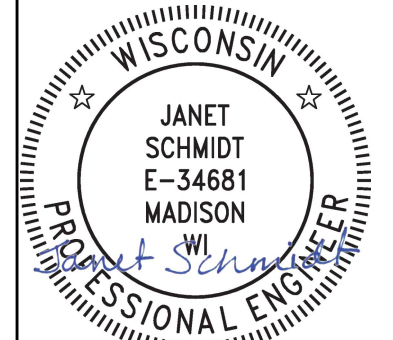
Mar 24, 2022

SANITARY SEWER
DESIGNED BY:



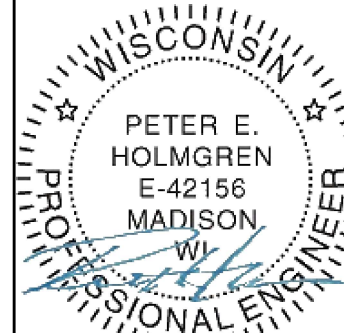
Mar 23, 2022

STORM SEWER
DESIGNED BY:



Mar 23, 2022

WATER
DESIGNED BY:



Mar 23, 2022

INDEX OF SHEETS

SHEET NO.	NOTES AND DETAILS
DI-D3	NOTES AND DETAILS
P1-P3	STREET PLAN & PROFILES
U1-U3	UTILITY PLAN & PROFILES
USAN	SANITARY SEWER SCHEDULE
USTM	STORM SEWER SCHEDULE
W1-W5	WATER PLANS
X1-X12	CROSS SECTIONS
PBM1	PROPERTY BOUNDARY MARKER
NO MAINTENANCE PLAN	

PROJECT LOCATION



PLOT SCALE: 1"=0'-10" XREF

PLOT NAME: ----

REV. DATE: 3/4/2022 7:07 AM




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 IKE OKAFOR AT IOKAFOR@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 STONEY OAK LANE, PETERSON STREET, AND GALILEO DRIVE RIGHTS-OF-WAY SHALL BE TYPE A 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.

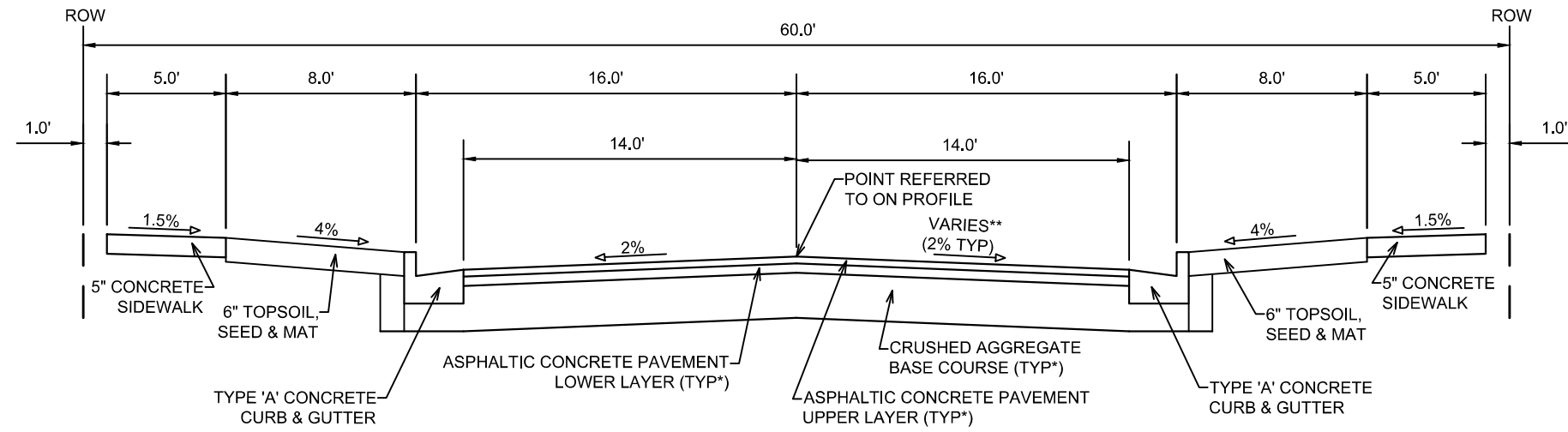
ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

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

13853	13853	DATE	BY
MADISON, WI	9092	REVISION	Scale: #####
CONTRACT NO:		13853	D-1
STANDARD NOTES AND COMMENTS			
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5			
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13853			
D-1			



TYPICAL SECTION
 STONEY OAK LANE
 (STA 14+78 TO STA 18+85)
 NOT TO SCALE

NOTES:

- * STONEY OAK LANE SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN (†).
- ** SEE PLAN AND PROFILE FOR SLOPES, ELEVATIONS AND OFFSETS.
- STATION OFFSET ELEVATION CALLOUTS AT **EDGE OF PAVEMENT**.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF PHASE 5. SEE CONTRACT NO. 9093, PROJECT NO. 13853.

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

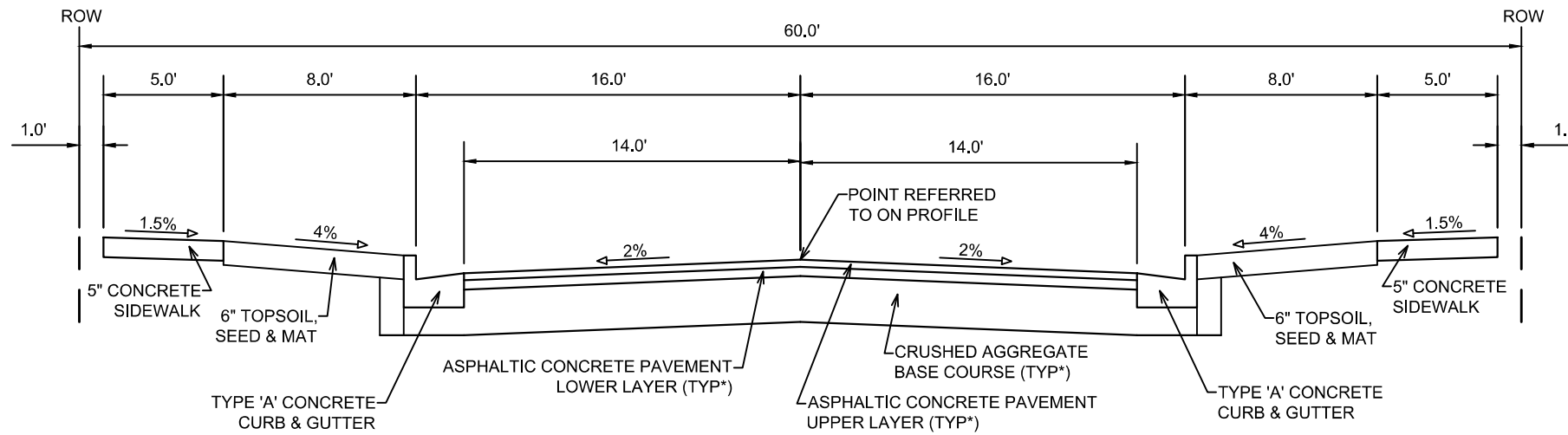
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	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		
			TYPE	THICKNESS	
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H

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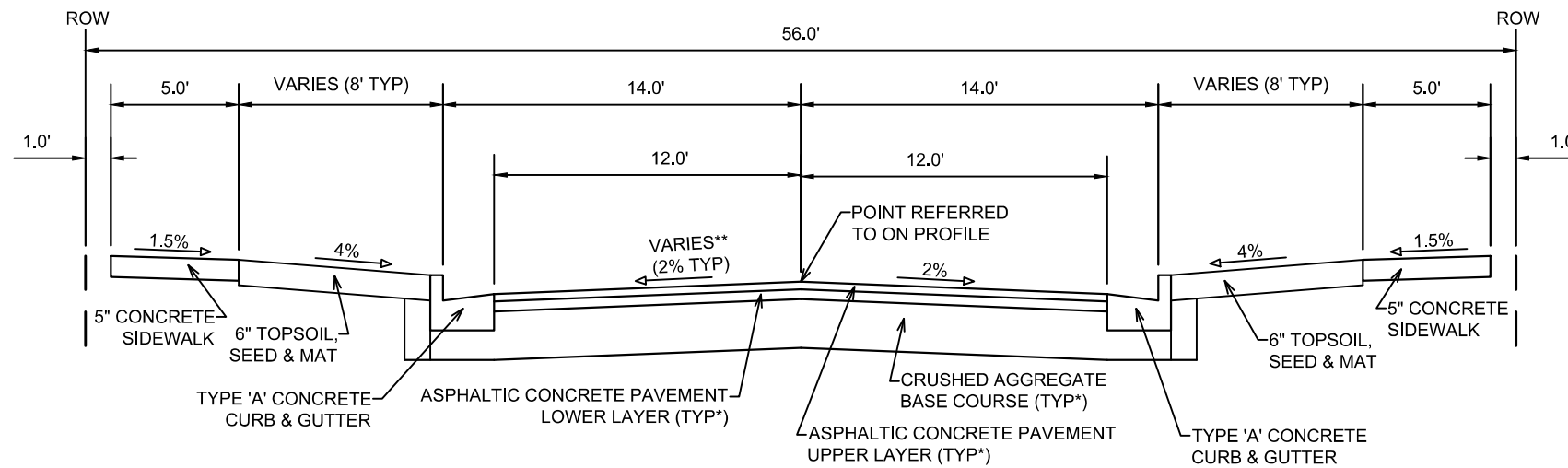
13853
 MADISON, WI
 CONTRACT NO: 9092
 NORTHWEST ADDITION TO GRANDVIEW COMMONS PH 5
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13853
 D-2



TYPICAL SECTION
 GALILEO DRIVE
 (STA 46+64 TO STA 50+40)
 NOT TO SCALE



TYPICAL SECTION
 PETERSON STREET
 (STA 12+48 TO STA 14+93)
 NOT TO SCALE

NOTES:

- * GALILEO DRIVE, PETERSON STREET SHALL BE CONSTRUCTED AS TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN (†).
- ** SEE PLAN AND PROFILE FOR SLOPES, ELEVATIONS AND OFFSETS.
- STATION OFFSET ELEVATION CALLOUTS AT **EDGE OF PAVEMENT**.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR SURFACE PAVING ALL OF PHASE 5. SEE CONTRACT NO. 9093, PROJECT NO. 13853

CITY OF MADISON MINIMUM PAVEMENT DESIGN †

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

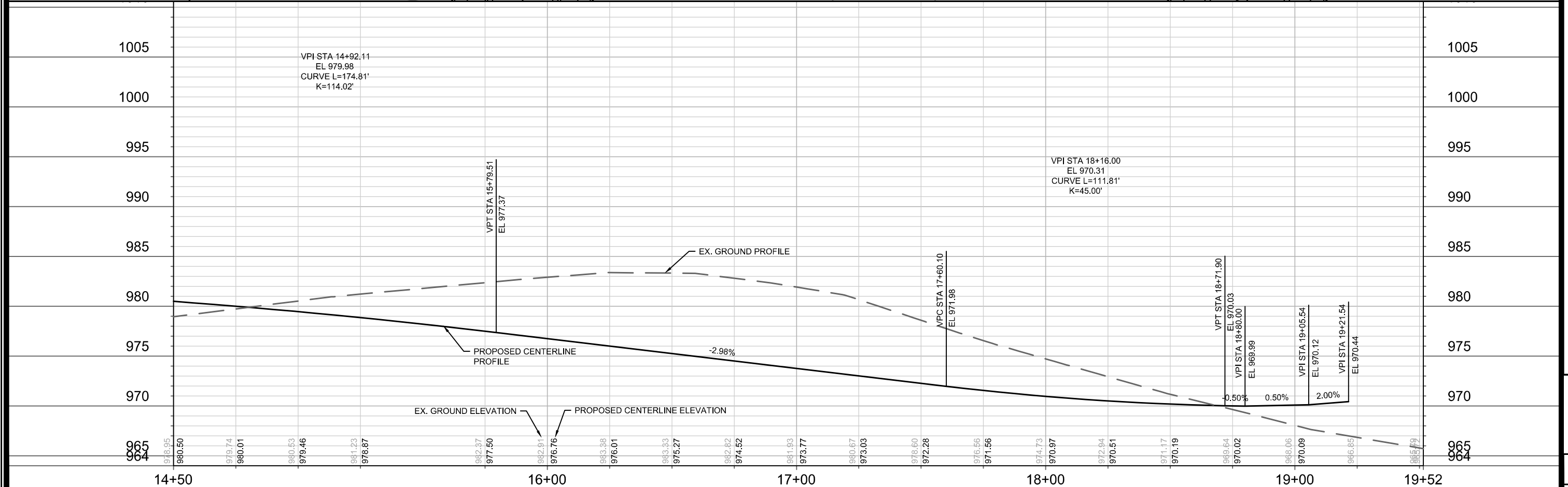
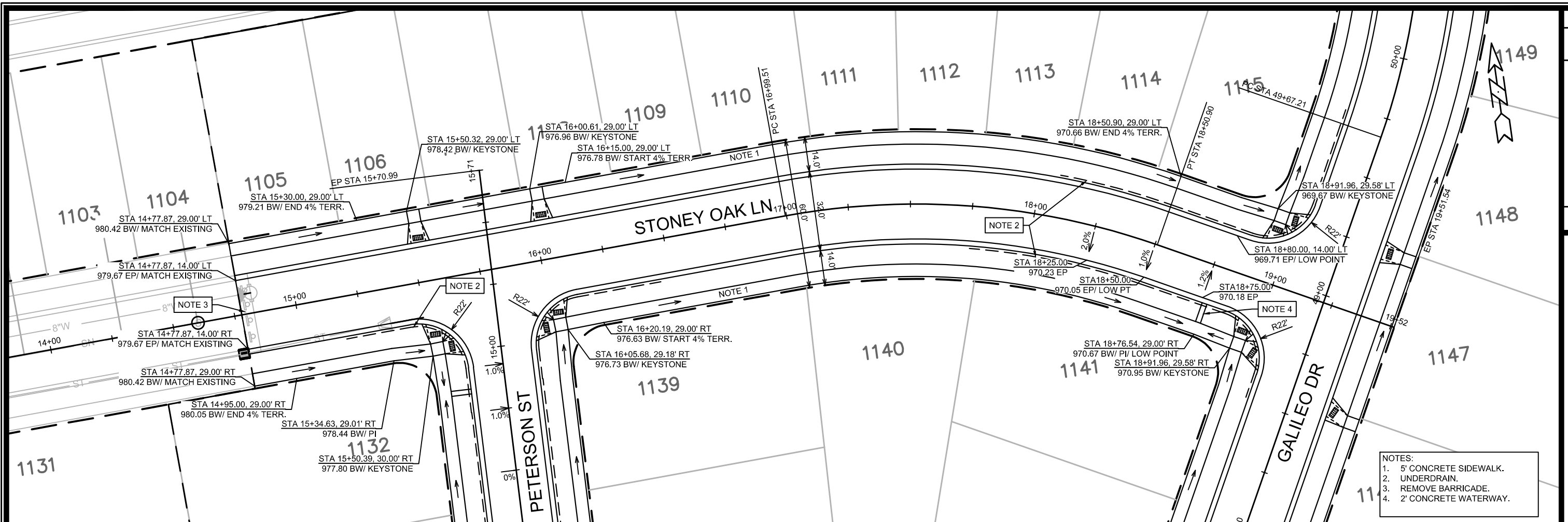
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13853
 MADISON, WI
 9092
 CONTRACT NO:

TYPICAL SECTIONS
 NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5
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13853
 D-3



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MADISON, WI

CONTRACT NO: 9092

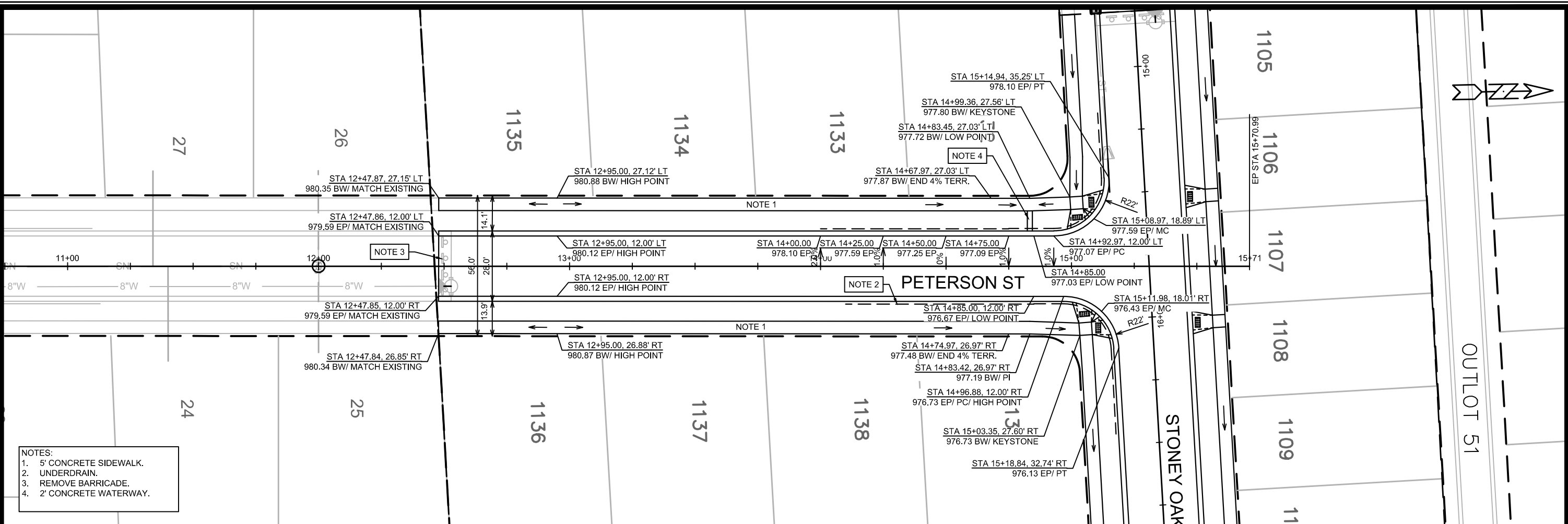
STONEY OAK LANE - PLAN & PROFILE

NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

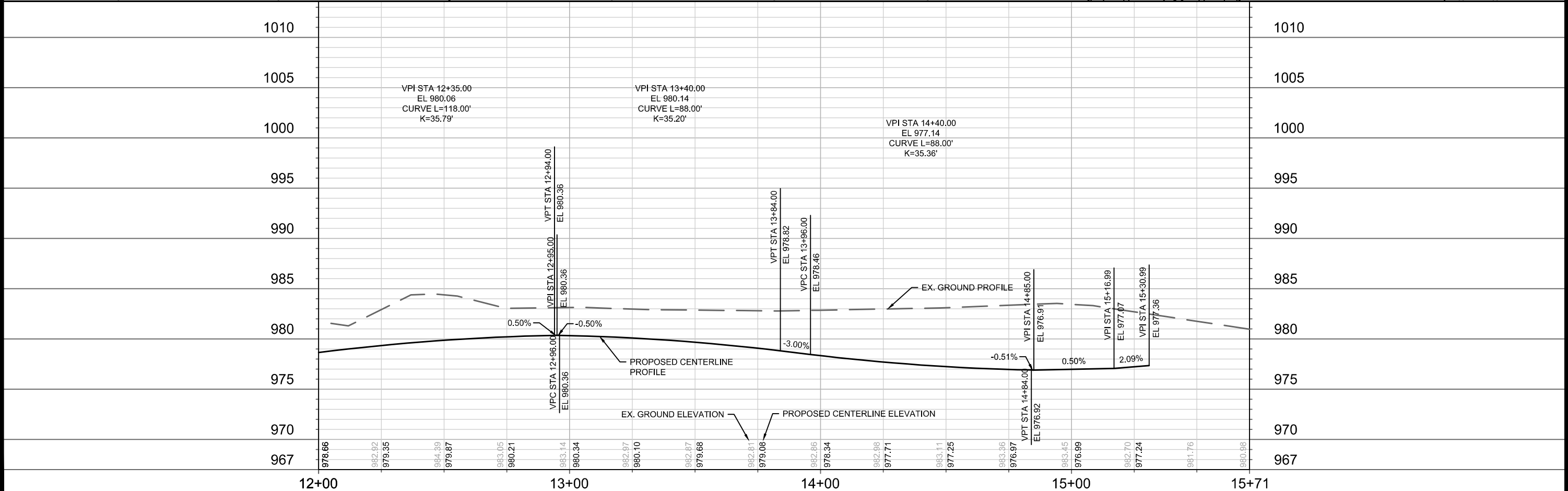
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P-1



- NOTES:
- 5' CONCRETE SIDEWALK.
 - UNDERDRAIN.
 - REMOVE BARRICADE.
 - 2' CONCRETE WATERWAY.

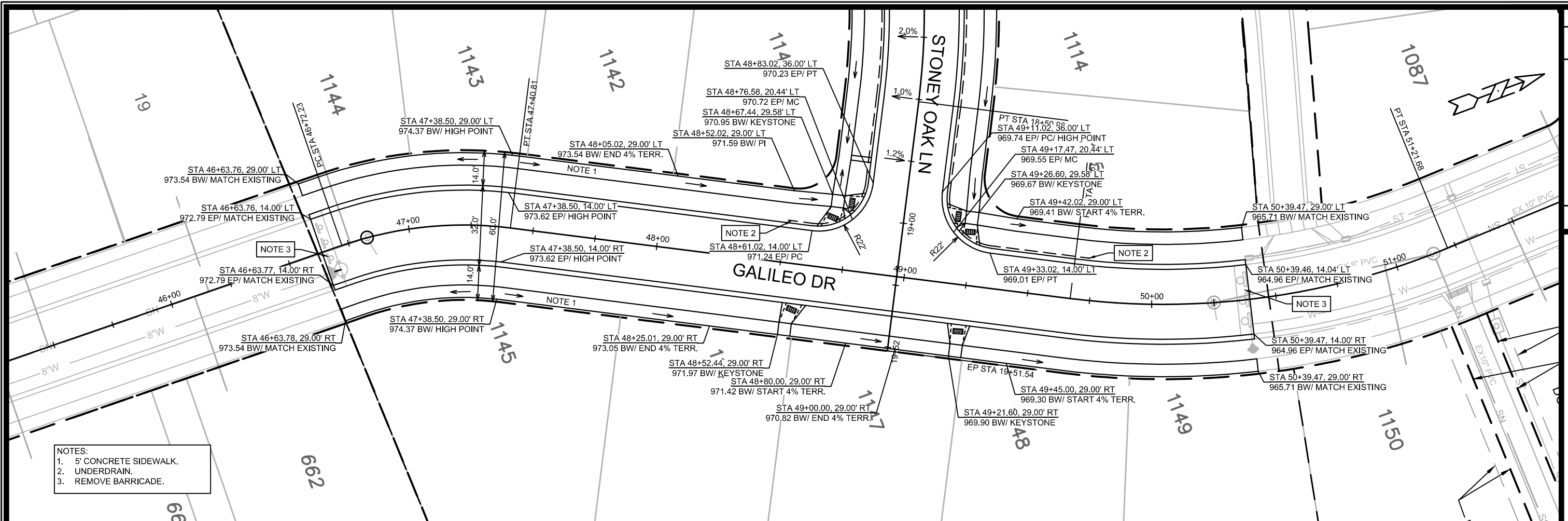


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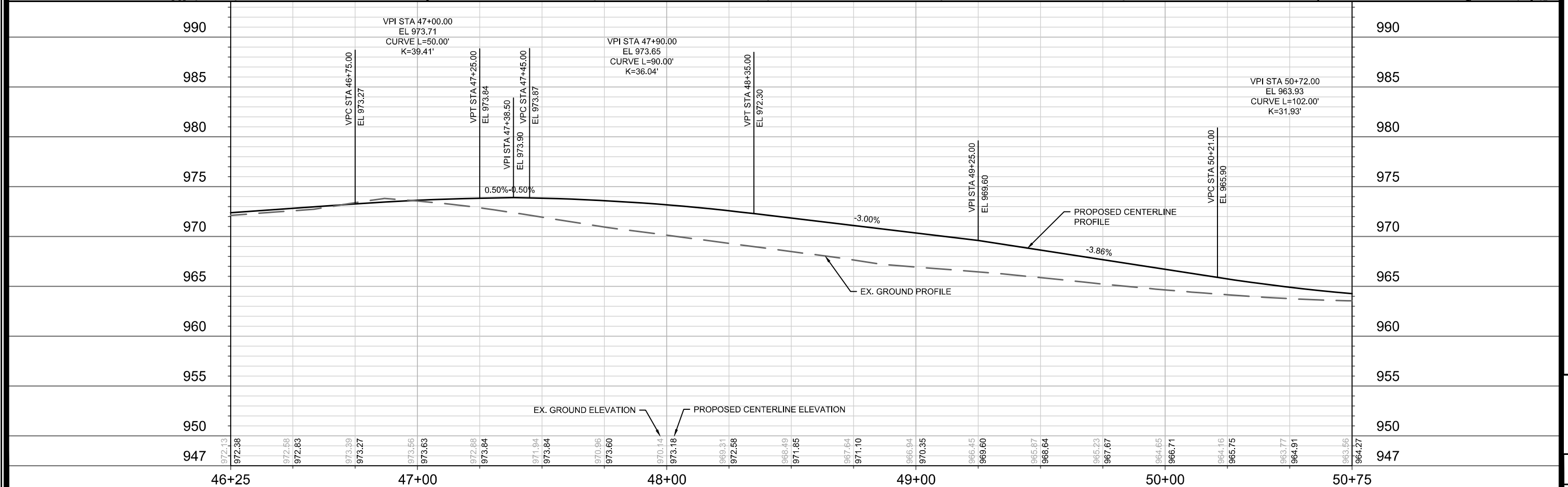
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MADISON, WI
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5
CONTRACT NO: 9092
P-2

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13853
P-2



- NOTES:
 1. 5' CONCRETE SIDEWALK.
 2. UNDERDRAIN.
 3. REMOVE BARRICADE.



13853

MADISON, WI

CONTRACT NO: 9092

13853

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GALILEO DRIVE - PLAN & PROFILE

NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

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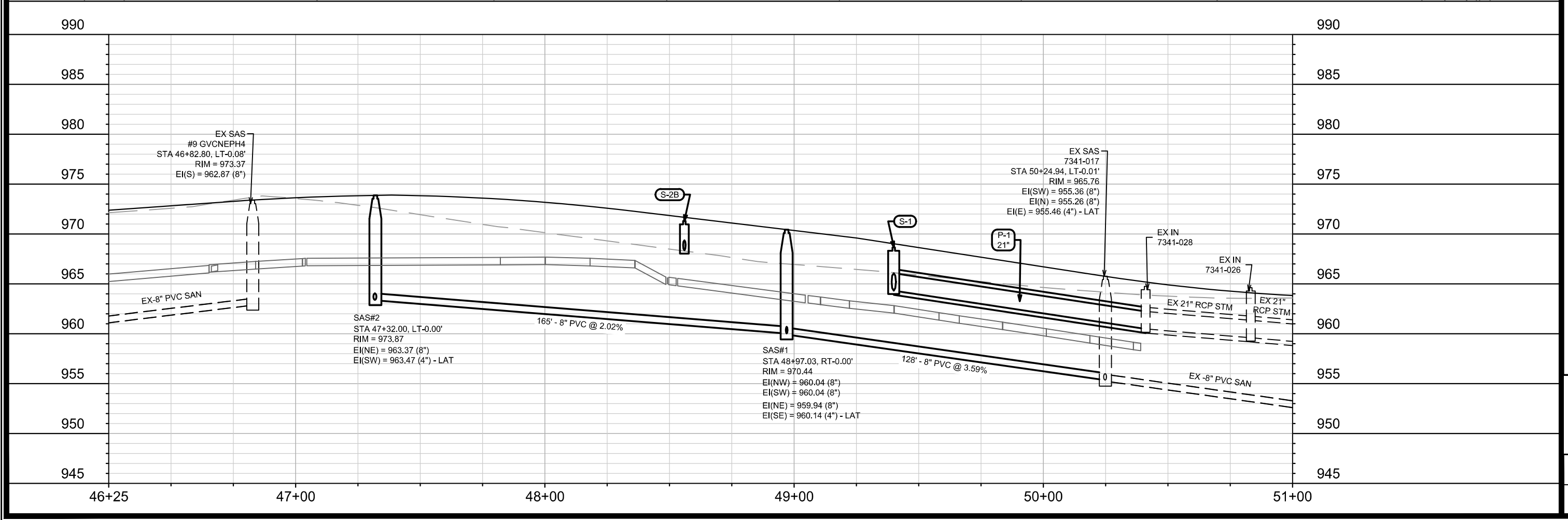
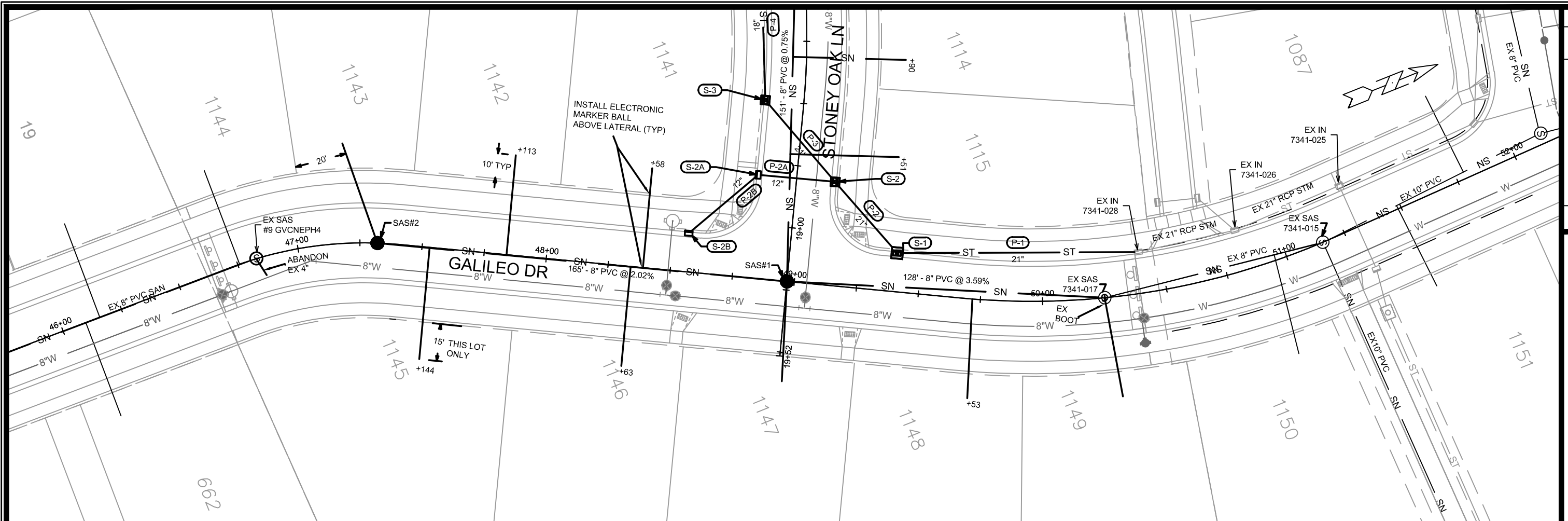
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BY: P-3





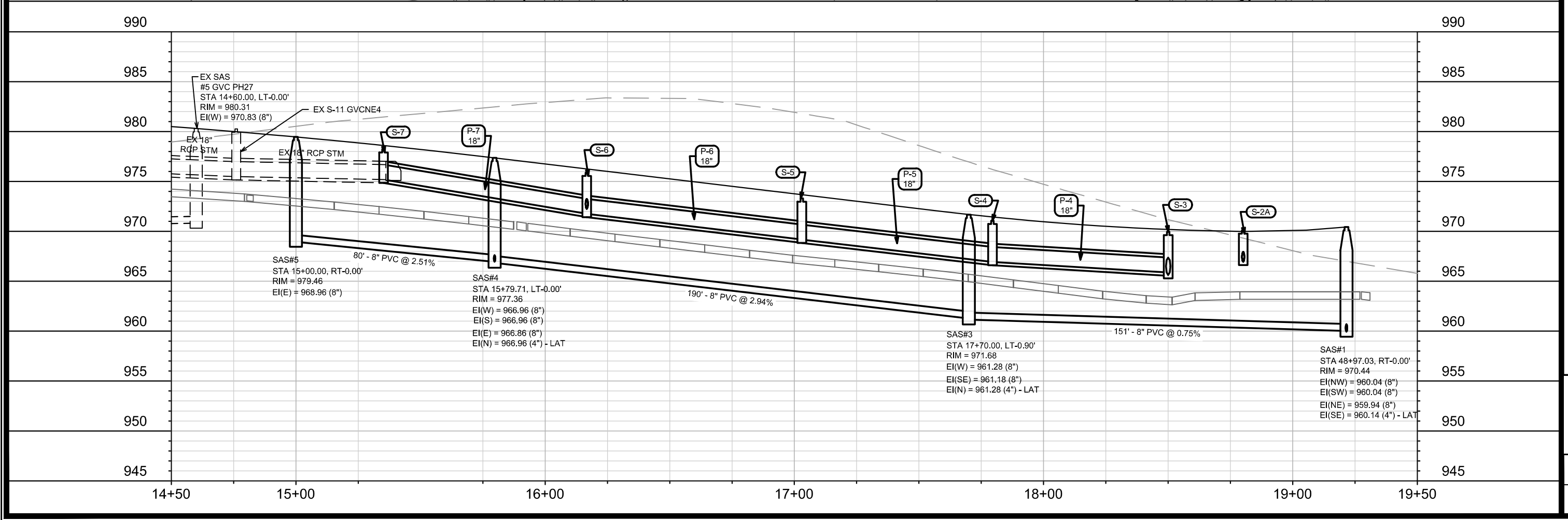
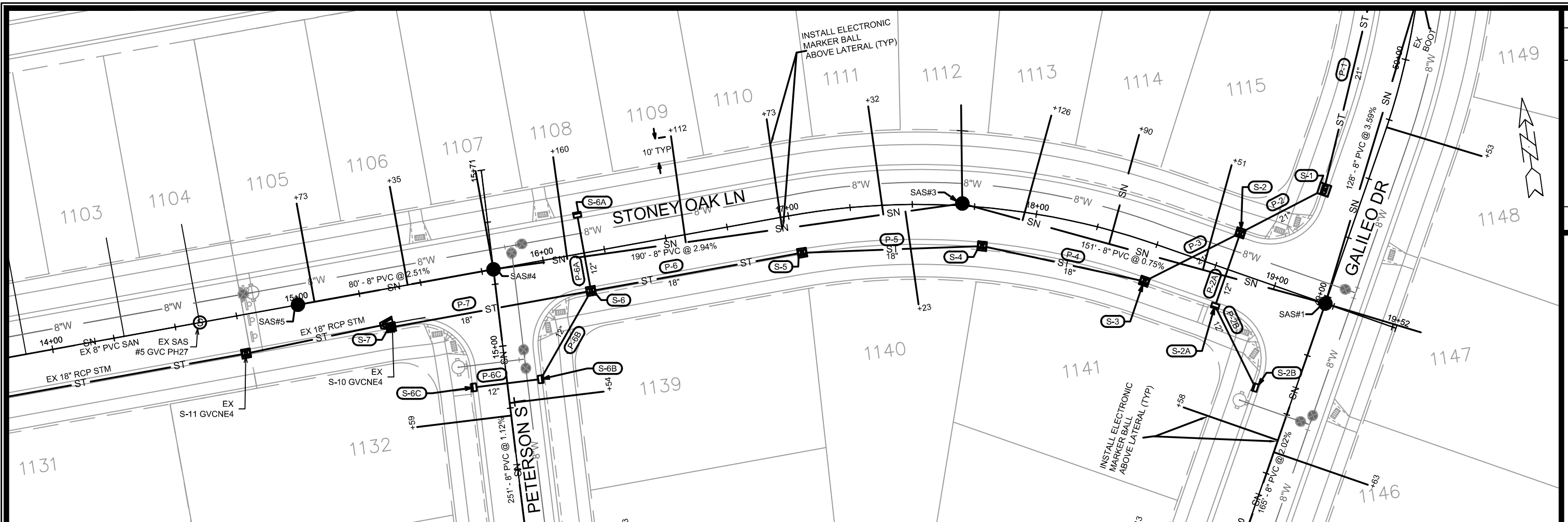
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13853
 MADISON, WI
 CONTRACT NO: 9092

GALILEO DRIVE - UTILITIES PLAN & PROFILE
 NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5
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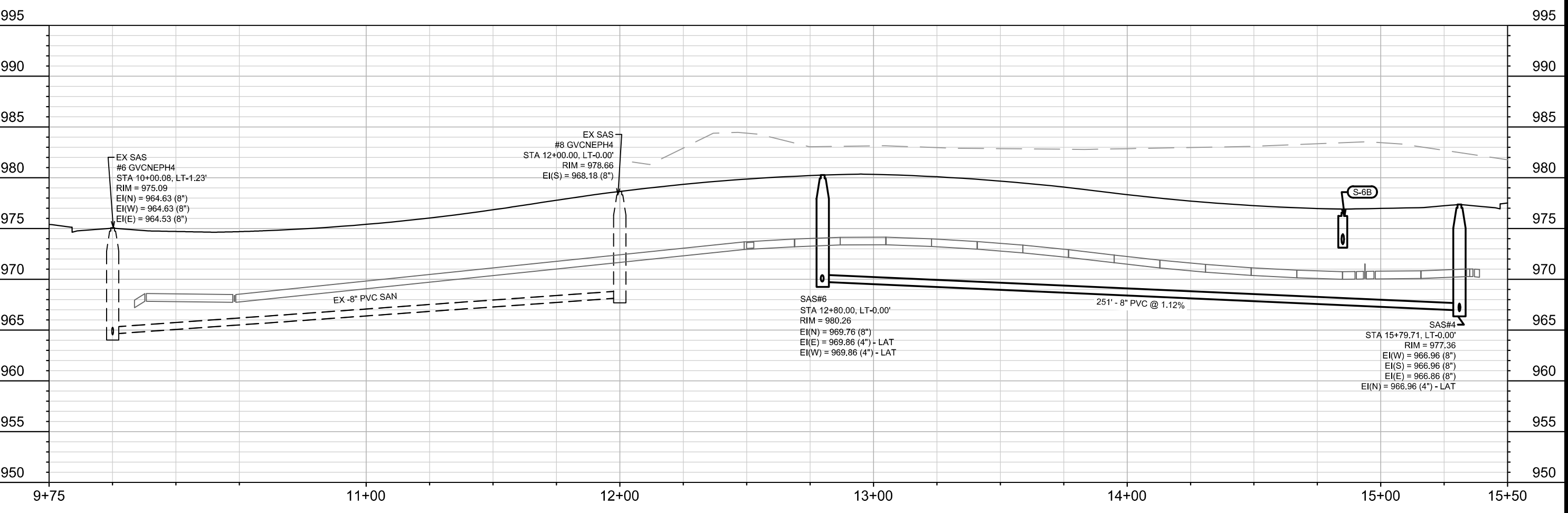
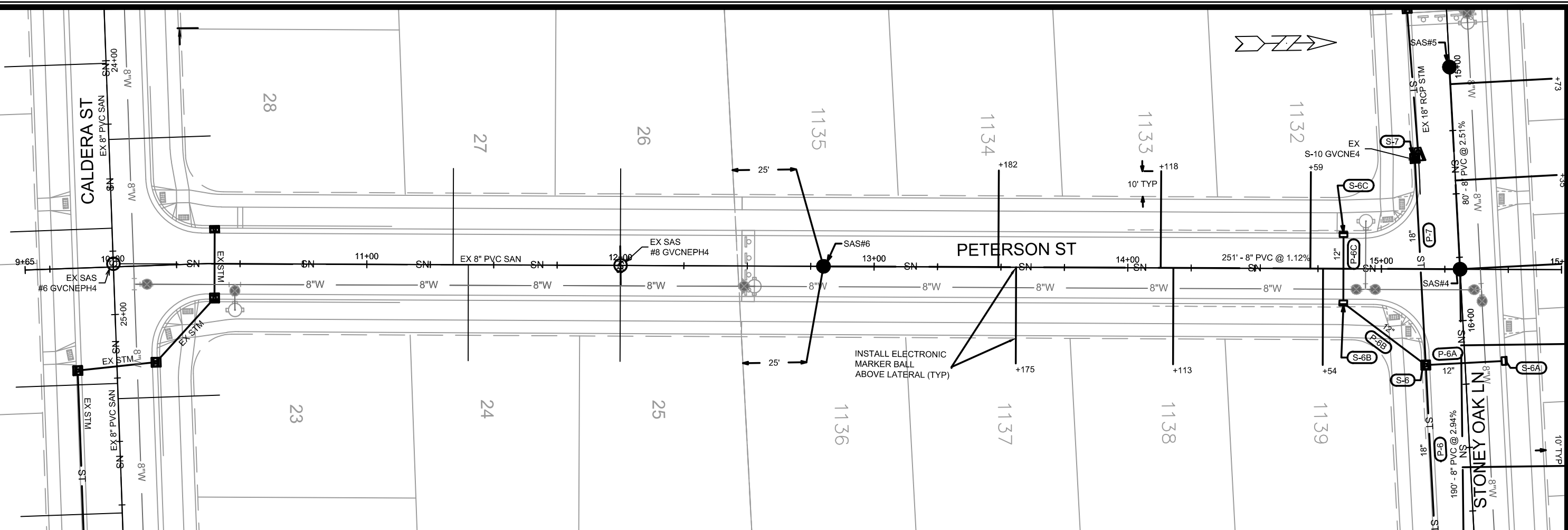


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13853
MADISON, WI
CONTRACT NO: 9092

STONEY OAK - UTILITIES PLAN & PROFILE
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5
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13853	MADISON, WI	9092	CONTRACT NO.:
PETERSON STREET - UTILITIES PLAN & PROFILE			
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5			
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13853		U-3	

SANITARY SEWER SCHEDULE

NORTHEAST ADD TO GVC PH 5

SHEET NO.

PROJECT NO. 13853

U-SAN

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
<u>GALILEO DRIVE</u>						
SAS#1	48+97.03	CL	970.44	959.94	10.50	-
SAS#2	47+32.00	CL	973.87	963.37	10.50	-
<u>STONEY OAK LANE</u>						
SAS#3	17+70.00	LT-0.90	971.68	961.18	10.50	-
SAS#4	15+79.71	CL	977.36	966.86	10.50	-
SAS#5	15+00.00	CL	979.46	968.96	10.50	-
<u>PETERSON STREET</u>						
SAS#6	12+80.00	CL	980.26	969.76	10.50	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
EX SAS 7341-017	SAS#1	955.36	959.94	128	3.59%	8"	SDR-35	-
SAS#1	SAS#2	960.04	963.37	165	2.02%	8"	SDR-35	-
SAS#1	SAS#3	960.04	961.18	151	0.75%	8"	SDR-35	-
SAS#3	SAS#4	961.28	966.86	190	2.94%	8"	SDR-35	-
SAS#4	SAS#5	966.96	968.96	80	2.51%	8"	SDR-35	-
SAS#4	SAS#6	966.96	969.76	251	1.12%	8"	SDR-35	-

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

NORTHEAST ADD TO GVC PH 5	SHEET NO.
PROJECT NO. 13853	U-STM
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
GALILEO DRIVE							
S-1	49+40.00	LT-15.50	4X4 SAS	969.12	964.32	4.80	W/ R-3067-7004-V
S-2B	48+56.00	LT-15.50	H INLET	971.77	968.37	3.40	W/ R-3067-7004-V
STONEY OAK LANE							
S-2	18+80.00	LT-15.50	3X3 SAS	970.09	965.20	4.89	LP; W/ R-3067-7004-VB; (3)
S-2A	18+80.10	RT-15.50	H INLET	970.58	966.95	3.63	W/ R-3067-7004-V
S-3	18+50.00	RT-15.50	3X3 SAS	970.43	965.63	4.80	LP; W/ R-3067-7004-VB; (3)
S-4	17+79.50	RT-15.50	3X3 SAS	971.54	966.94	4.60	W/ R-3067-7004-V
S-5	17+03.00	RT-15.50	3X3 SAS	973.78	969.18	4.60	W/ R-3067-7004-V
S-6	16+16.70	RT-15.50	3X3 SAS	976.36	971.76	4.60	W/ R-3067-7004-V
S-6A	16+16.70	LT-15.50	H INLET	976.36	972.76	3.60	W/ R-3067-7004-V
S-7	15+35.15	RT-15.50	3X3 SAS	978.71	975.19	3.52	FP; W/ R-3067-7004-V; (1); (2)
PETERSON STREET							
S-6B	14+85.00	RT-13.50	H INLET	977.05	973.45	3.60	LP; W/ R-3067-7004-VB; (3)
S-6C	14+85.00	LT-13.50	H INLET	977.41	973.75	3.66	LP; W/ R-3067-7004-VB; (3)

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-1	EX IN 7341-028	S-1	960.48	964.32	97	97	3.96%	21"	TYPE II	-
P-2	S-1	S-2	964.32	965.20	38	38	2.32%	21"	TYPE II	-
P-2A	S-2	S-2A	965.95	966.95	31	31	3.23%	12"	TYPE I	-
P-2B	S-2A	S-2B	966.95	968.37	36	36	3.94%	12"	TYPE I	-
P-3	S-2	S-3	965.20	965.63	43	43	1.00%	21"	TYPE I	-
P-4	S-3	S-4	965.88	966.94	67	67	1.58%	18"	TYPE II	-
P-5	S-4	S-5	966.94	969.18	72	72	3.11%	18"	TYPE II	-
P-6	S-5	S-6	969.18	971.76	86	86	3.00%	18"	TYPE II	-
P-6A	S-6	S-6A	972.26	972.76	31	31	1.61%	12"	TYPE I	-
P-7	S-6	S-7	971.76	975.19	82	82	4.18%	18"	TYPE I	-
P-6B	S-6	S-6B	972.26	973.45	41	41	2.90%	12"	TYPE II	-
P-6C	S-6B	S-6C	973.45	973.75	29	29	1.03%	12"	TYPE I	-

SPECIFIC NOTES:

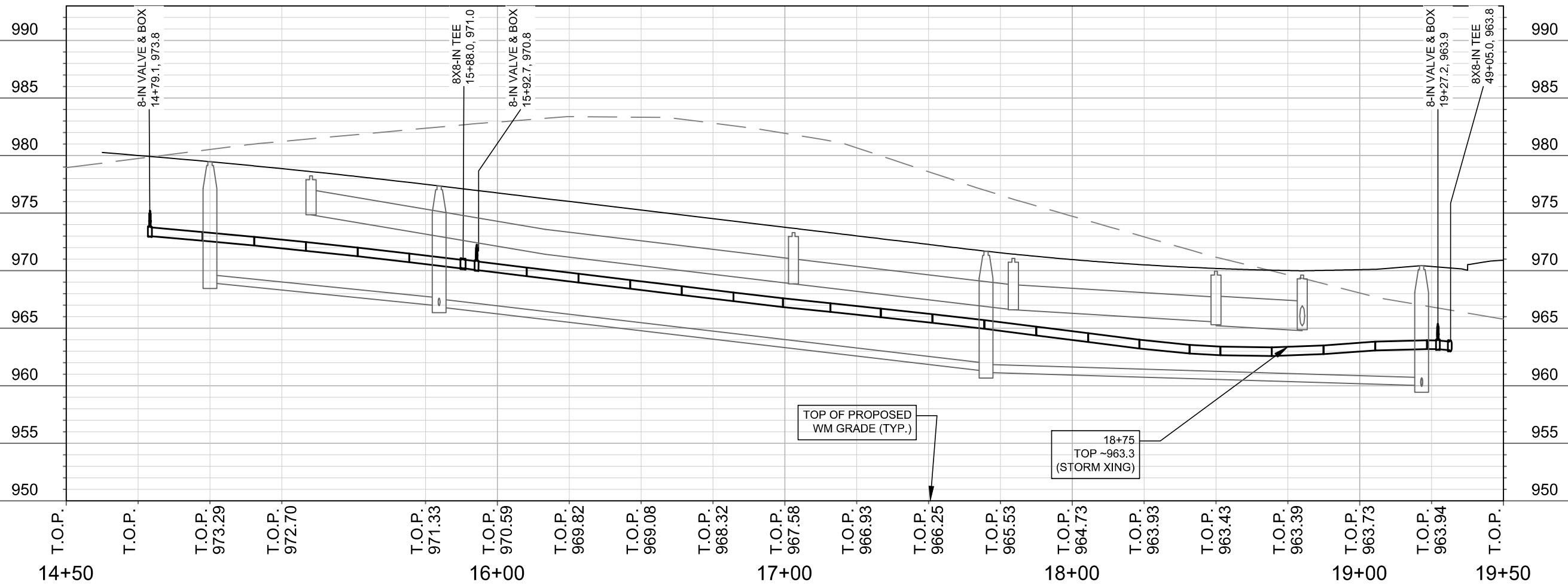
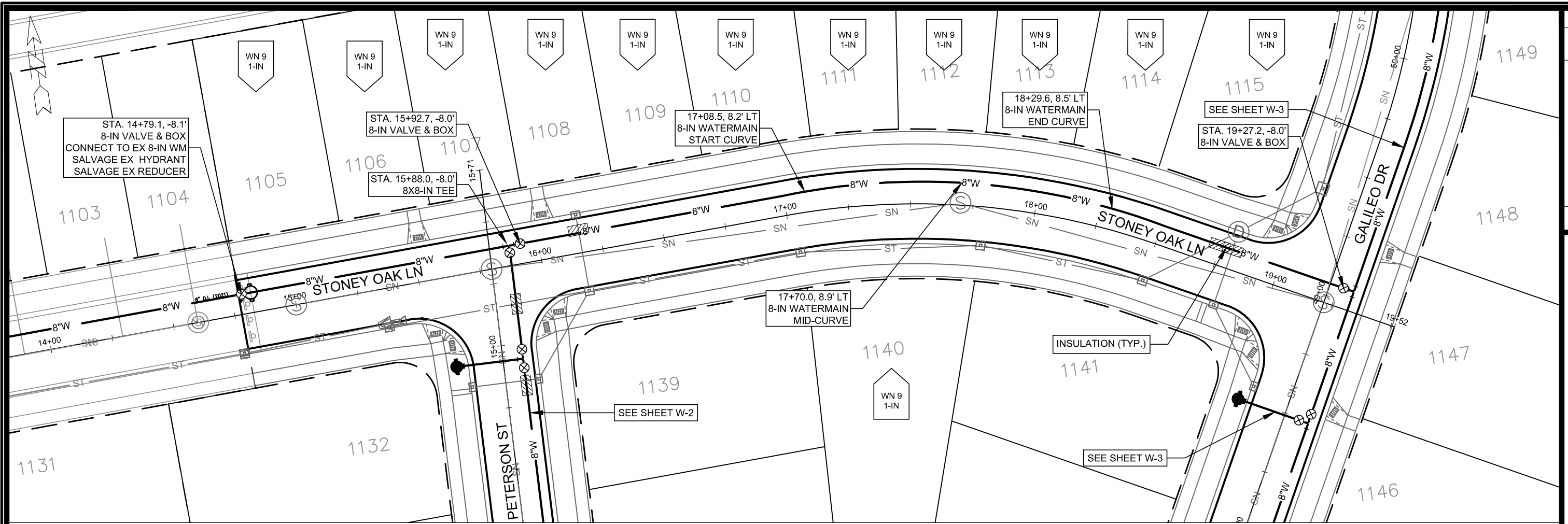
- (1) REMOVE EXISTING APRON END
- (2) CONNECT EXISTING PIPE TO WEST
- (3) INSTALL 2" PVC DRAIN PIPE PER CITY OF MADISON S.D.D. 5.7.7A

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



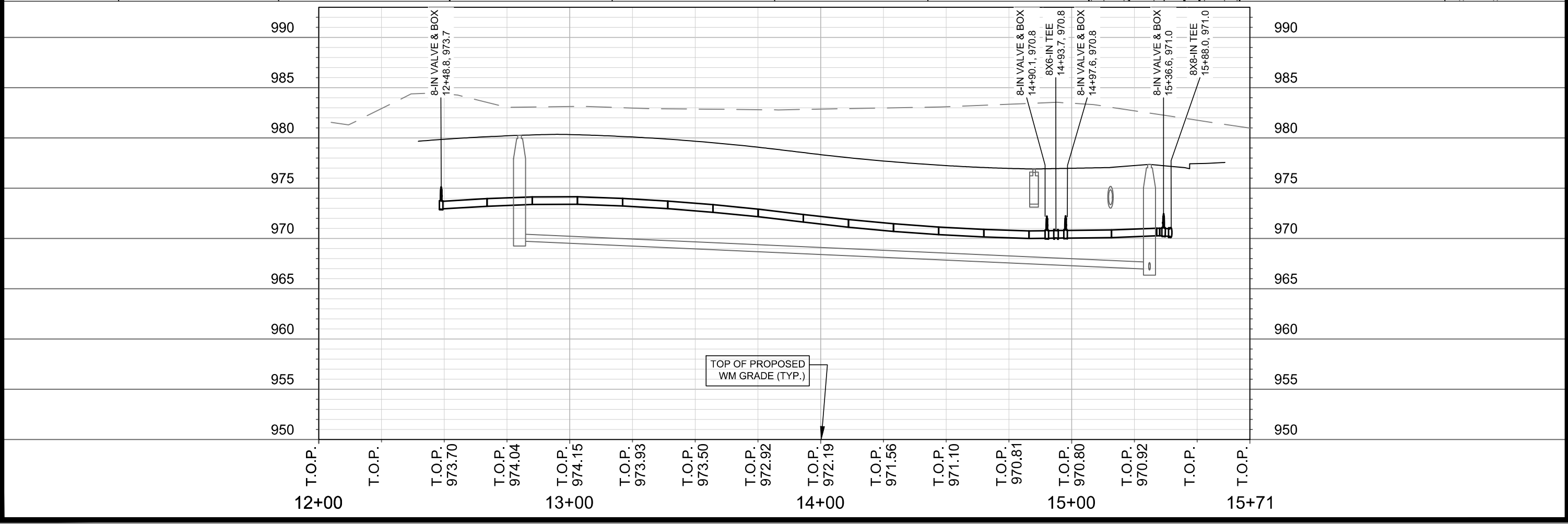
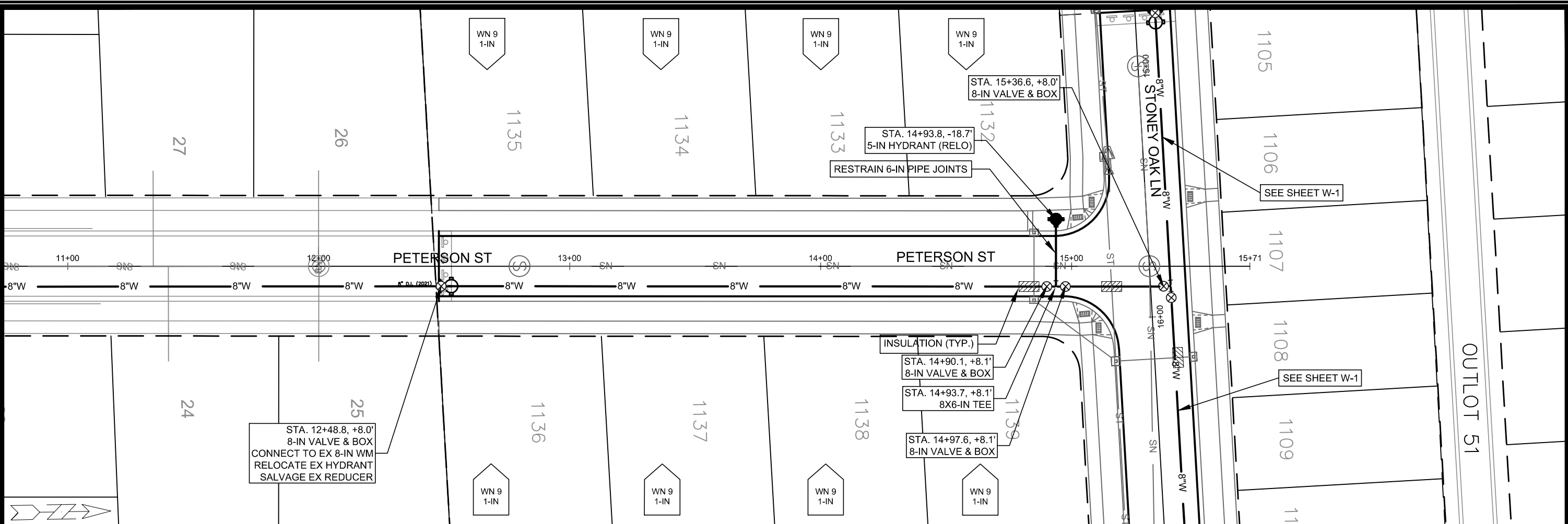
MARK	REVISION	DATE	BY

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 MADISON, WI
 CONTRACT NO: 9092
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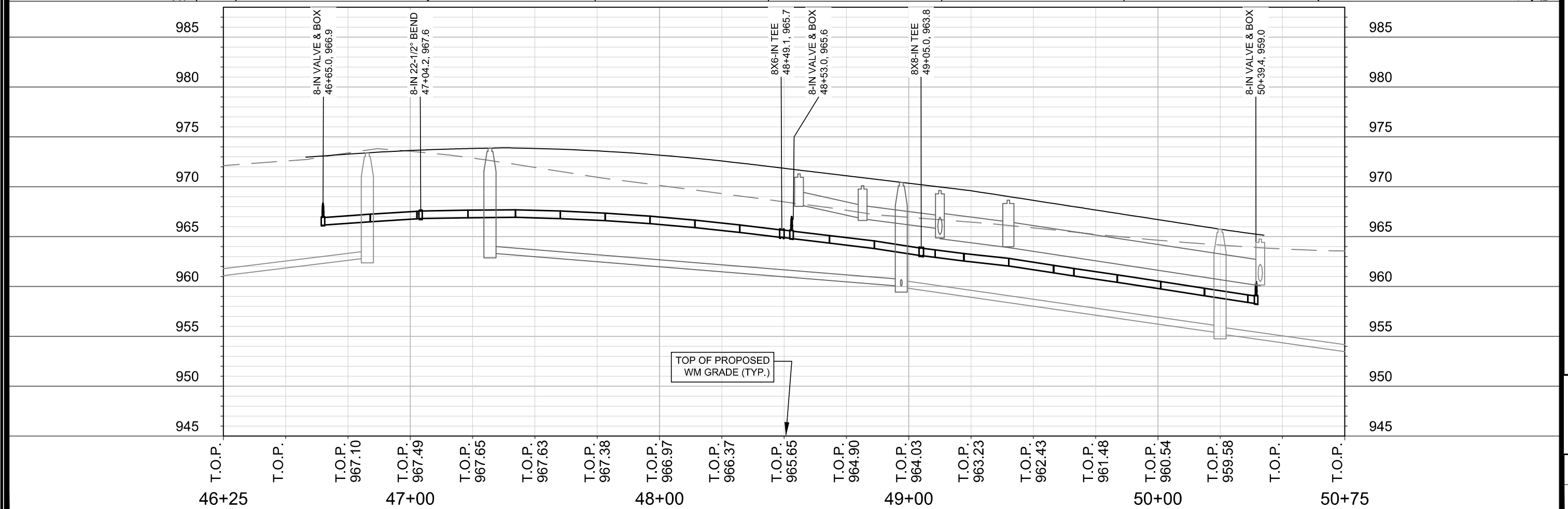
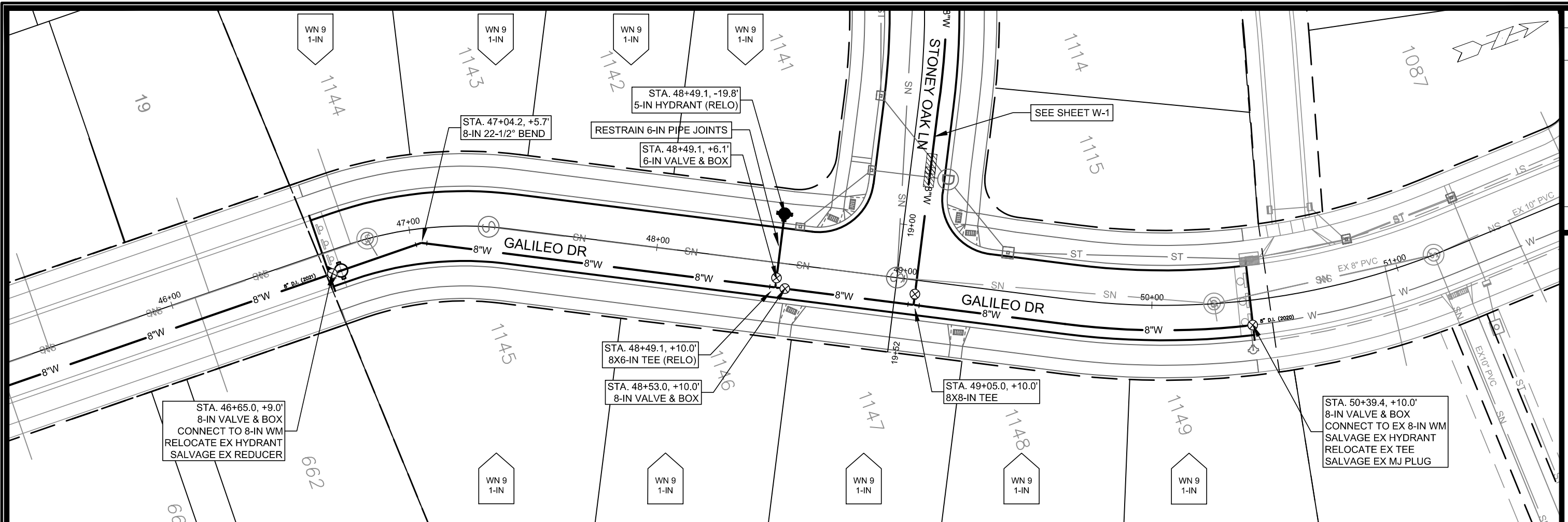
STONEY OAK LN - WATER PLAN AND PROFILE
 NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5
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13853
 W-1



13853	13853	9092	W-2
PETERSON ST - WATER PLAN AND PROFILE		CONTRACT NO:	
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5		MADISON, WI	
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City of Madison Wisconsin		Date: 2/2/2022 1:34 PM	
13853		W-2	
W-2		W-2	



MARK	REVISION	DATE	BY
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13853
 MADISON, WI
 CONTRACT NO: 9092

GALILEO DR - WATER PLAN AND PROFILE
 NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5
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13853
 W-3



1" = 80'



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.





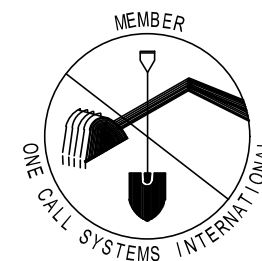
CONSTRUCTION NOTES:

- | | |
|--|--|
| <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 PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED, TO DETERMINE THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS, PRIOR TO COMMENCING WORK. | <p>WN-1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</p> <p>WN-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</p> <p>WN-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</p> <p>WN-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</p> <p>WN-5 RELOCATE THE EXISTING FIRE HYDRANT.</p> <p>WN-6 ABANDON WATER VALVE ACCESS STRUCTURE.</p> <p>WN-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</p> <p>WN-8 ABANDON THE VALVE BOX.</p> <p>WN-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</p> <p>WN-10 REMOVE AND SALVAGE EXISTING HYDRANT</p> <p>WN-11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</p> <p>WN-20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.</p> |
|--|--|

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.



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

DESCRIPTION	QUANTITY	UNIT
6-INCH PIPE & FITTINGS	60	LNFT
8-INCH PIPE & FITTINGS	1120	LNFT
8-INCH WATER VALVE	1	EACH
8-INCH WATER VALVE	10	EACH
1-INCH SERVICE LATERAL	29	EACH
8-IN 22-1/2° BEND	1	EACH
8X6-IN TEE	1	EACH
8X8-IN TEE	2	EACH

***ESTIMATE OF REUSED AND SALVAGED MATERIALS**

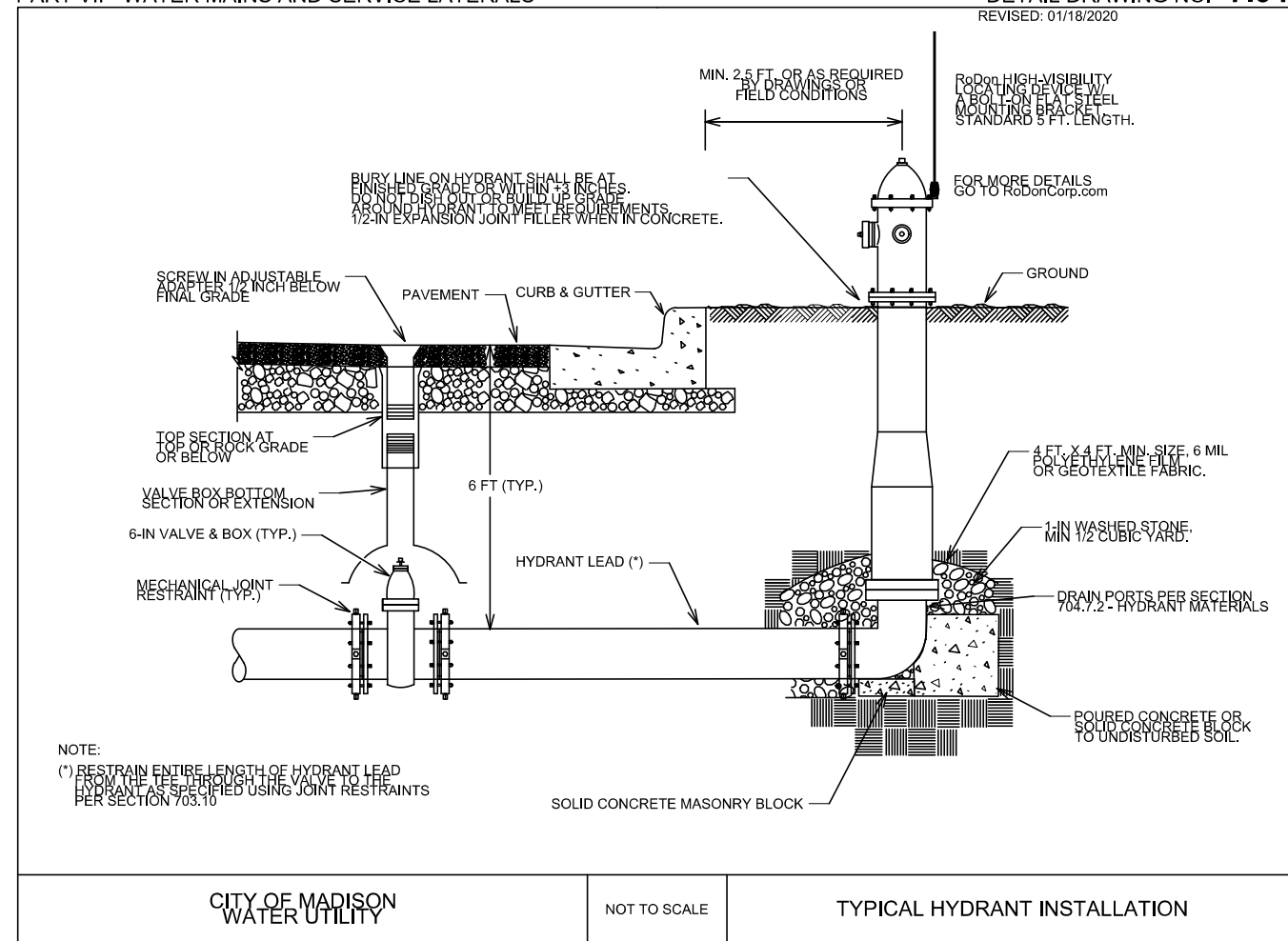
DESCRIPTION	QUANTITY	UNIT
5-IN HYDRANT	2	RELOCATE
5-IN HYDRANT	2	SALVAGE
8X6-IN REDUCER	3	SALVAGE
8-IN MJ PLUG	1	SALVAGE
8X6-IN TEE	1	RELOCATE

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

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 01/18/2020



CITY OF MADISON WATER UTILITY

NOT TO SCALE

TYPICAL HYDRANT INSTALLATION

WATER ESTIMATE OF MATERIALS
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH5
CITY OF MADISON, WISCONSIN

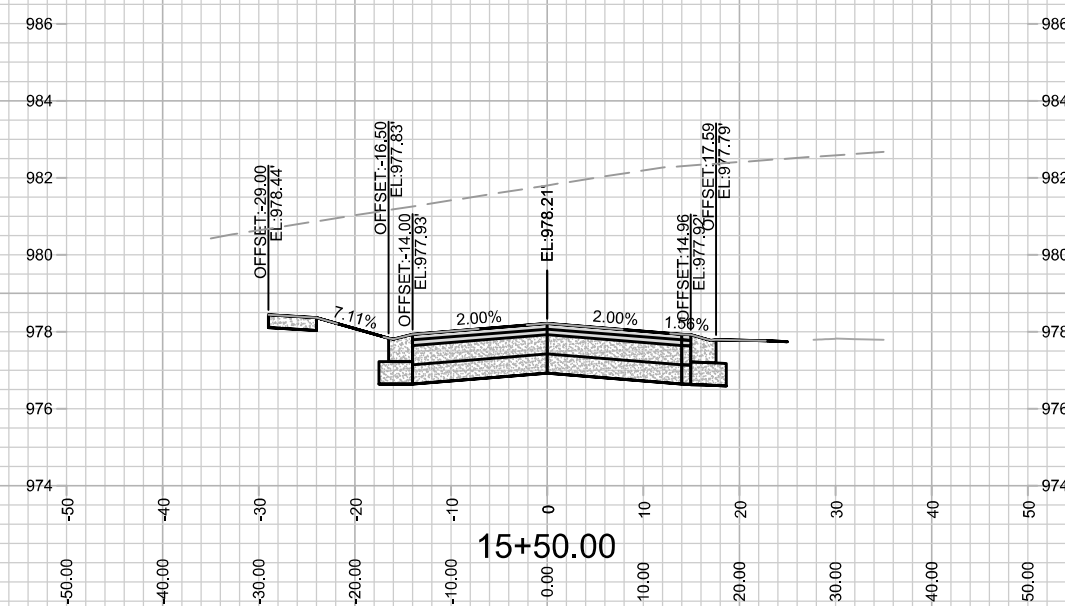
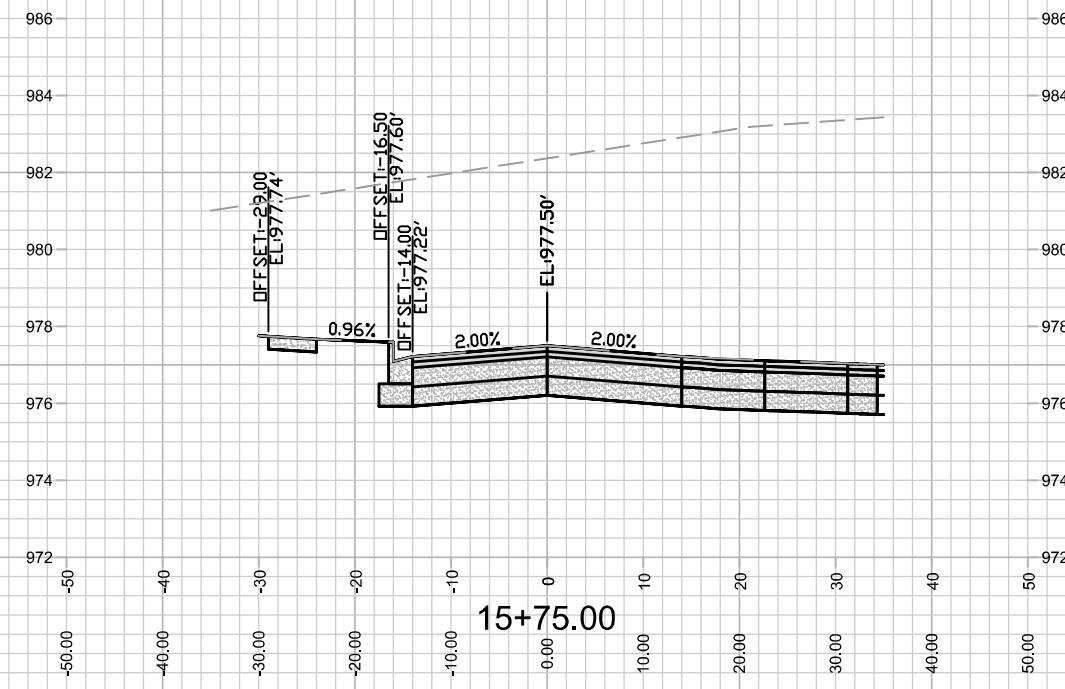
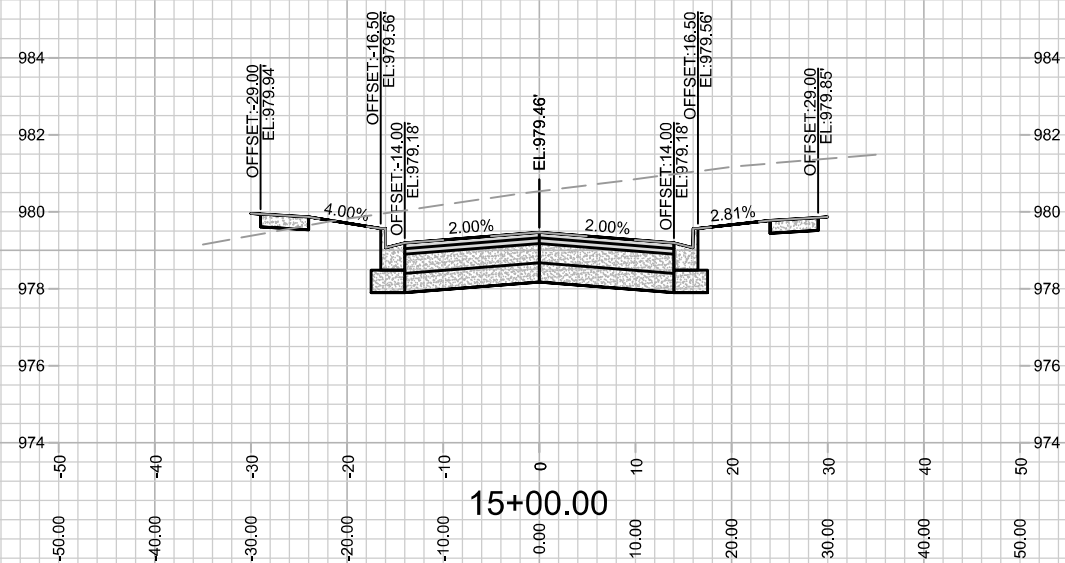
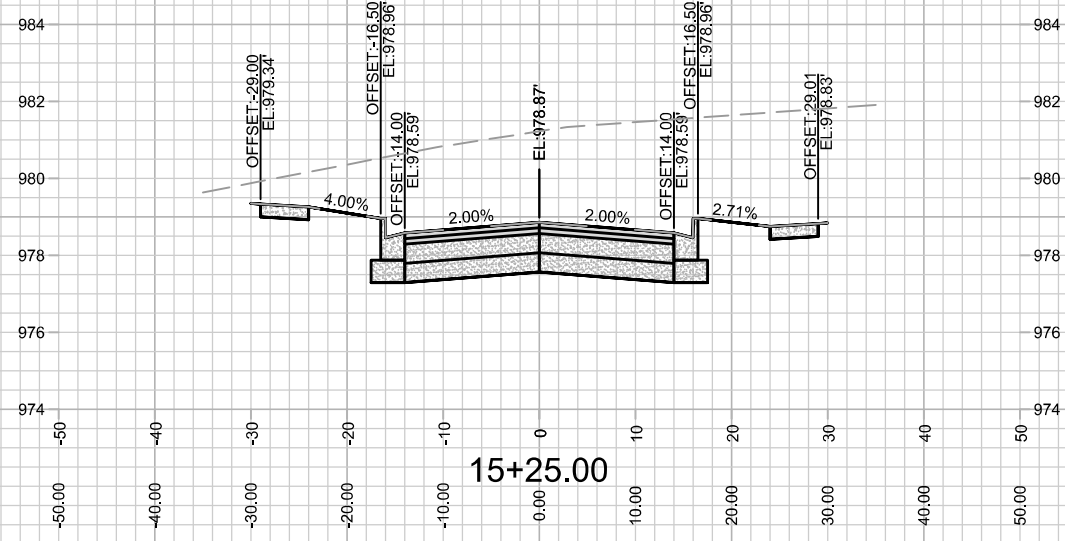


13853
W-5

SCALE: N/A

DESIGNED BY: PEH
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 1/24/22

CONTRACT NO: 9092



13853
X-1

STONEY OAK CROSS SECTION
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

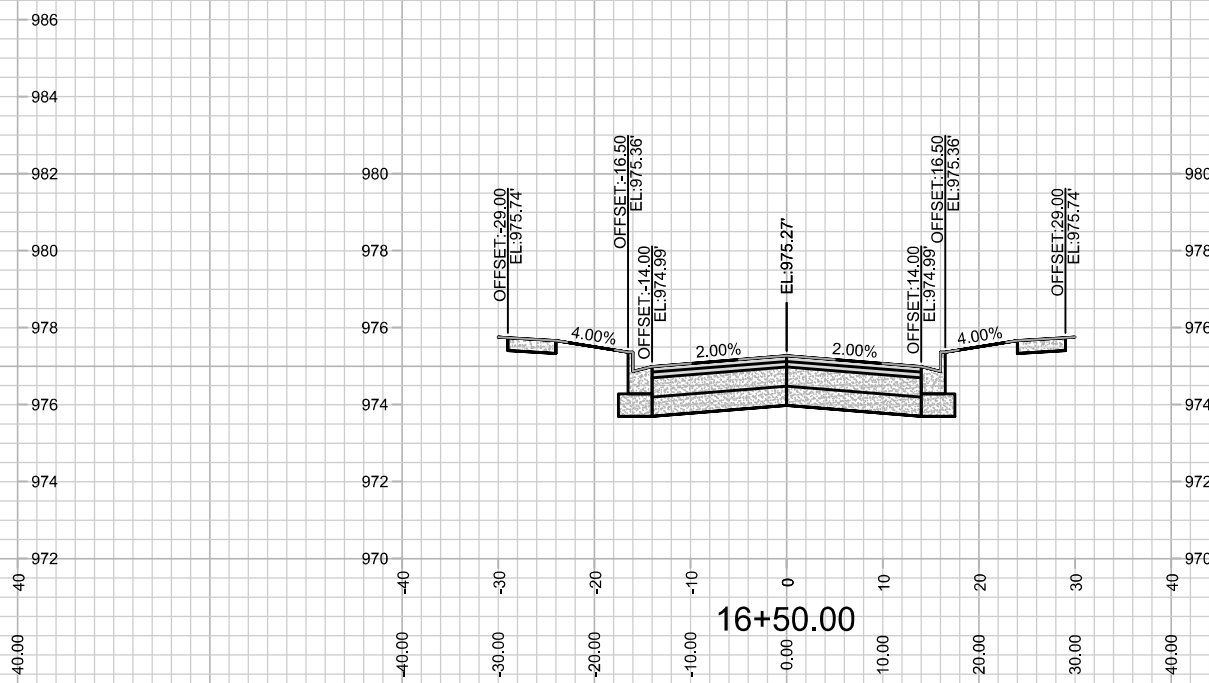
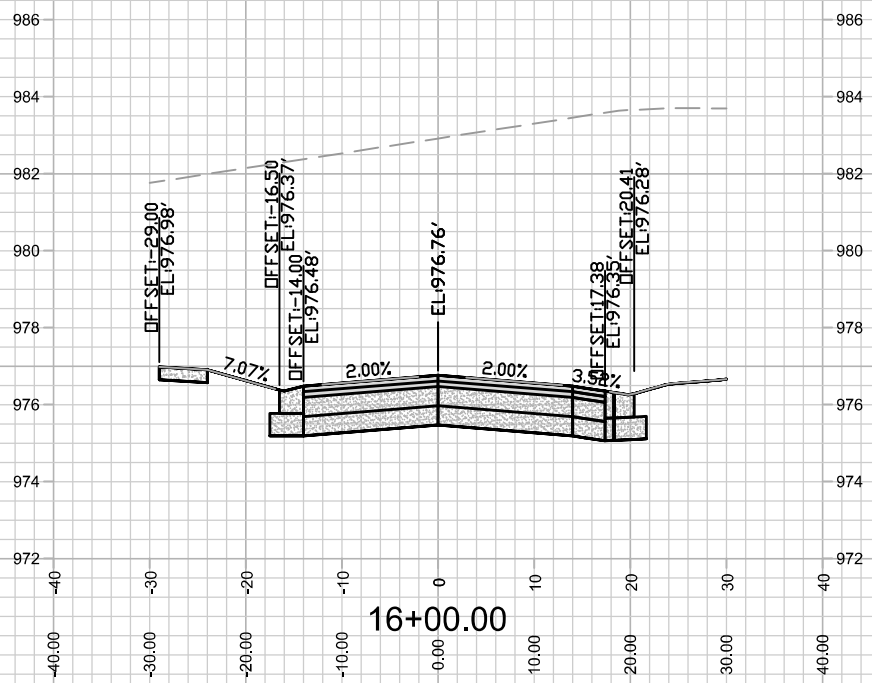
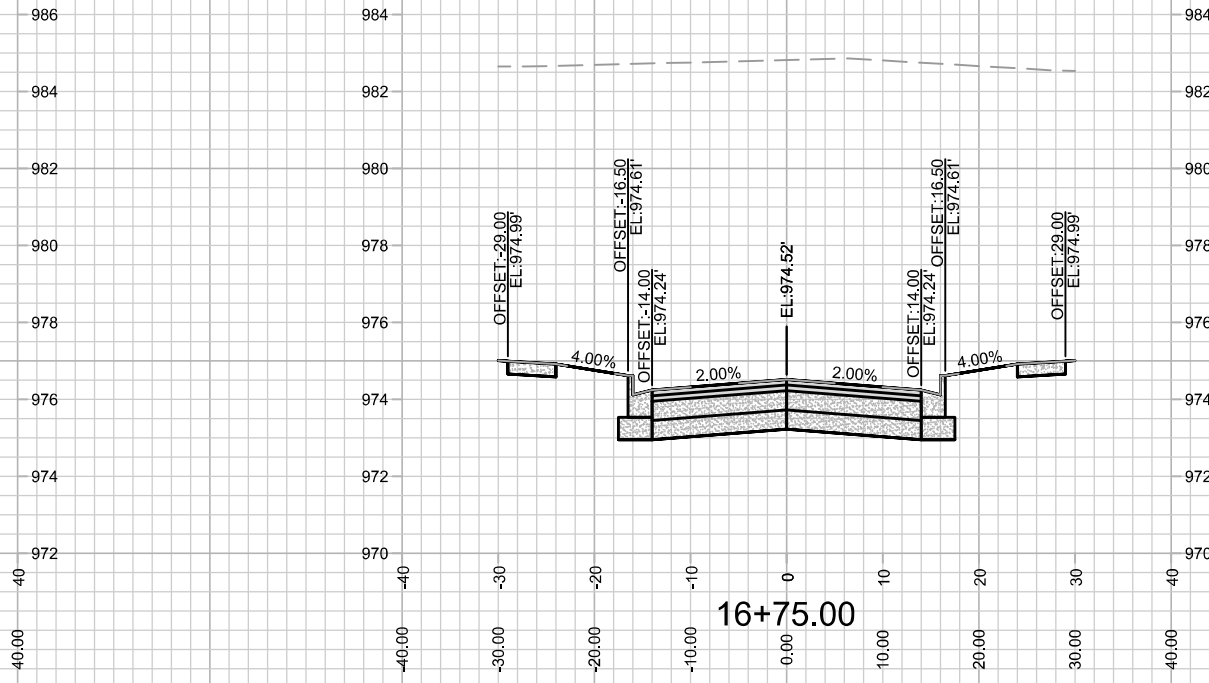
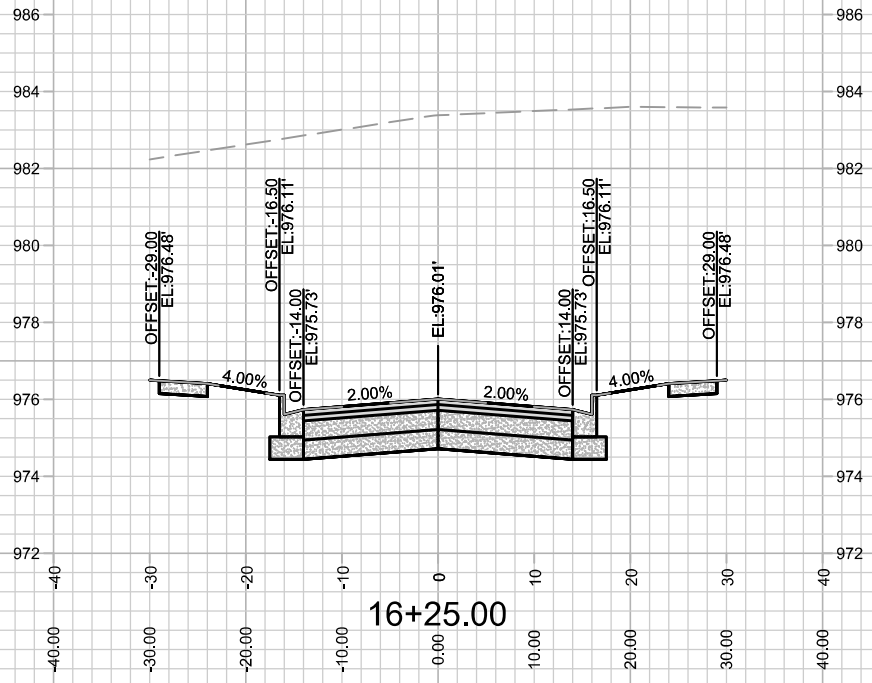
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MADISON, WI

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CONTRACT NO: 9092

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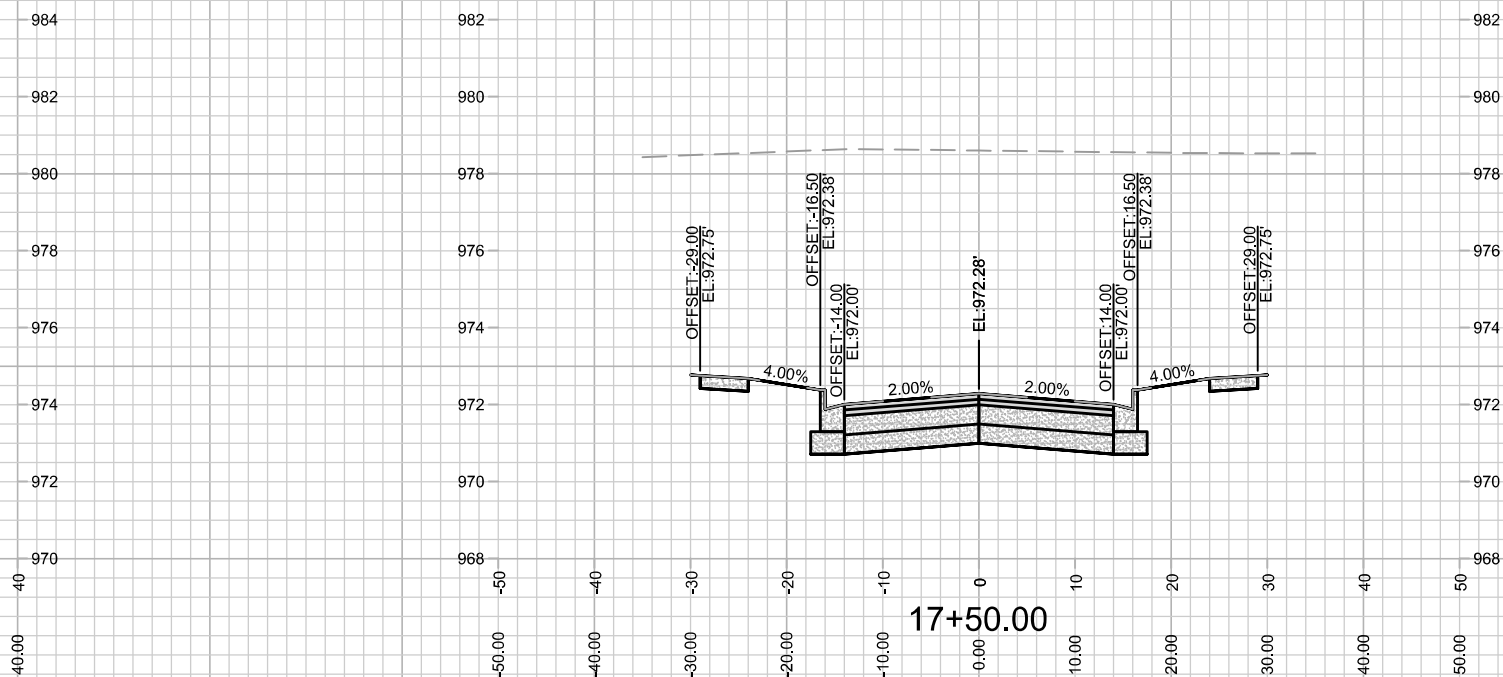
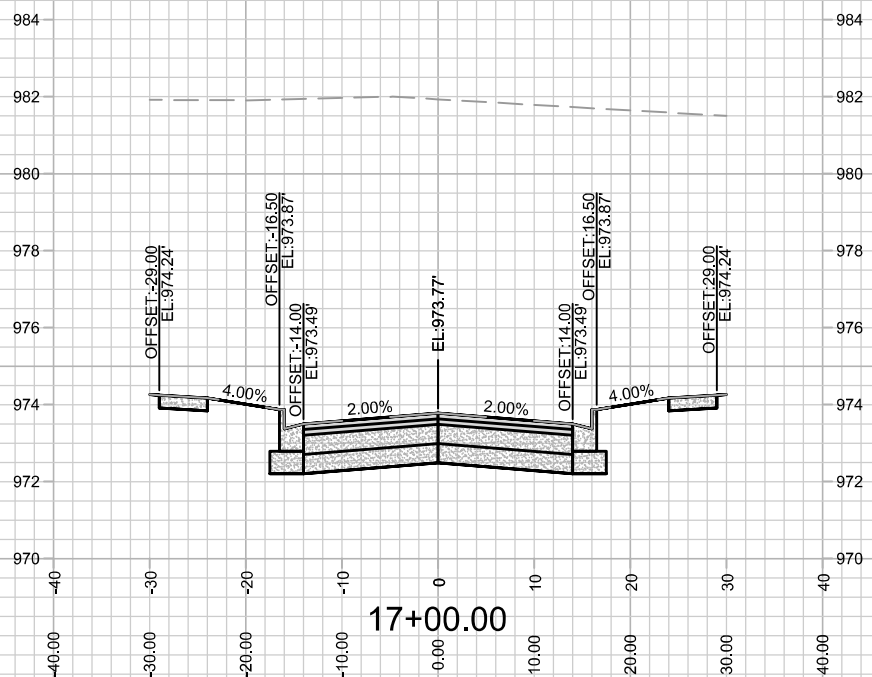
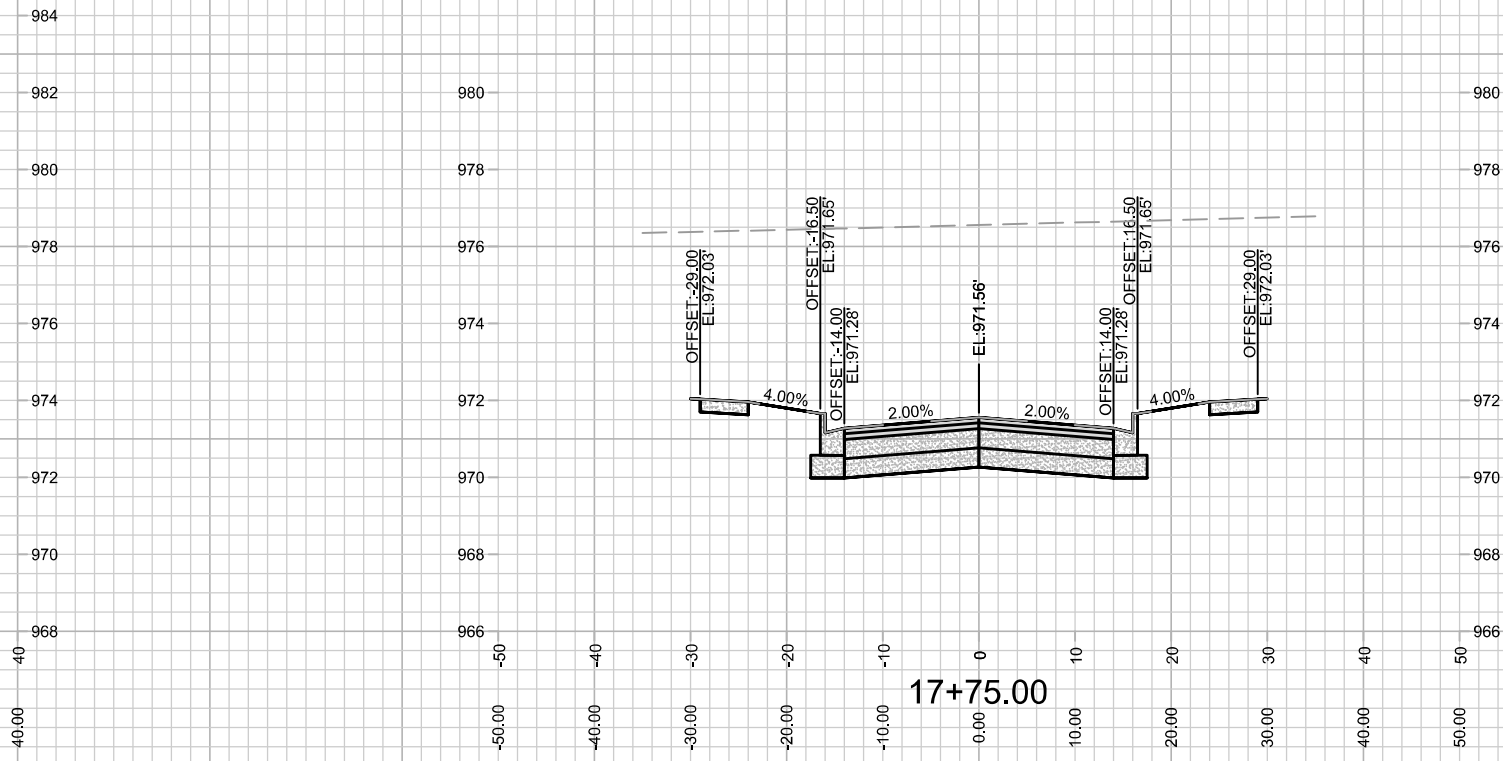
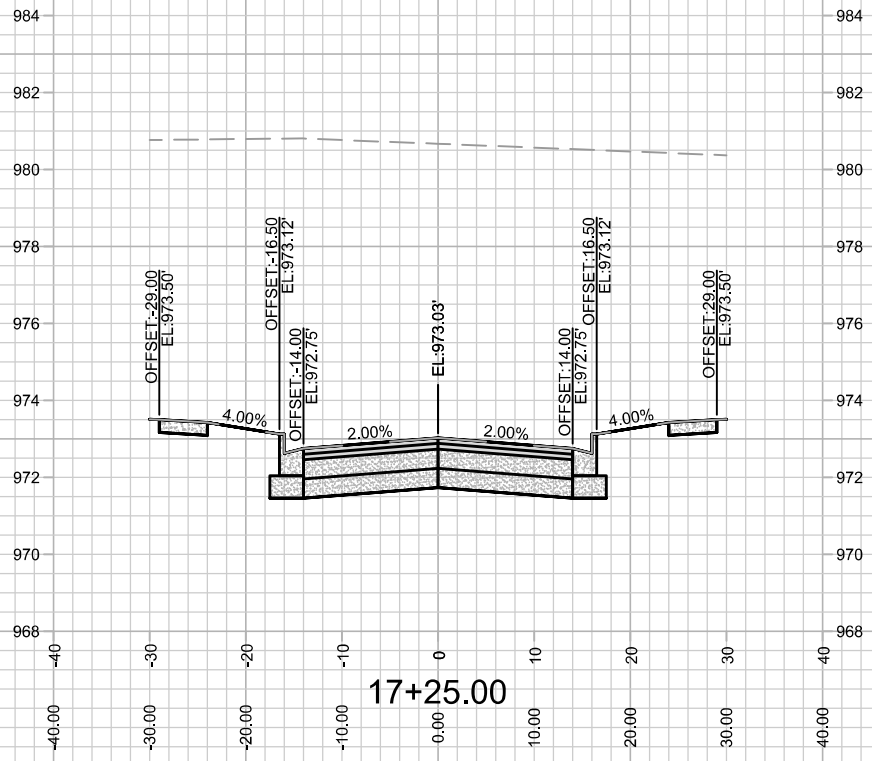
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 MADISON, WI
 CONTRACT NO: 9092

STONEY OAK CROSS SECTION
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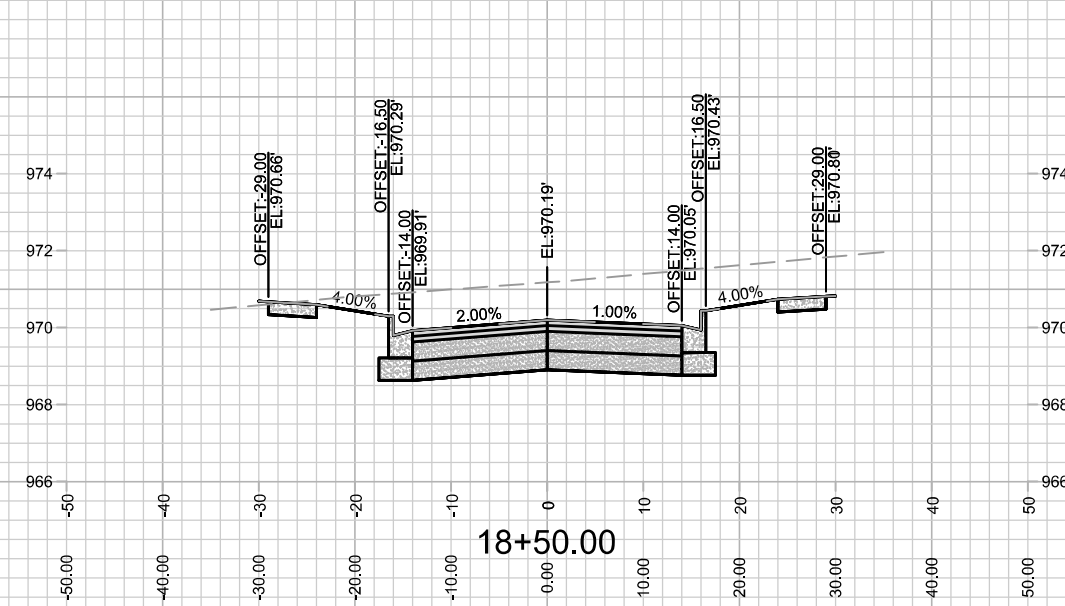
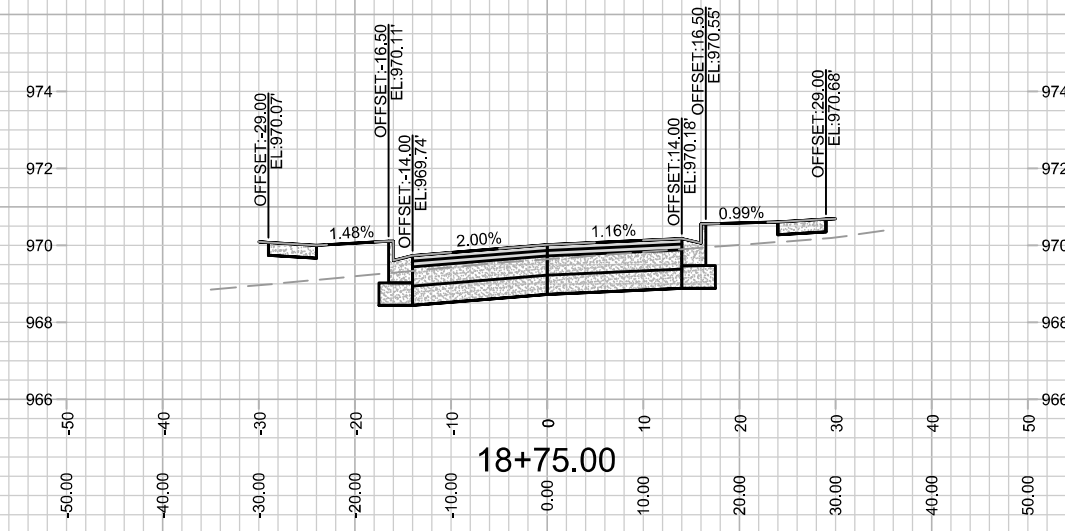
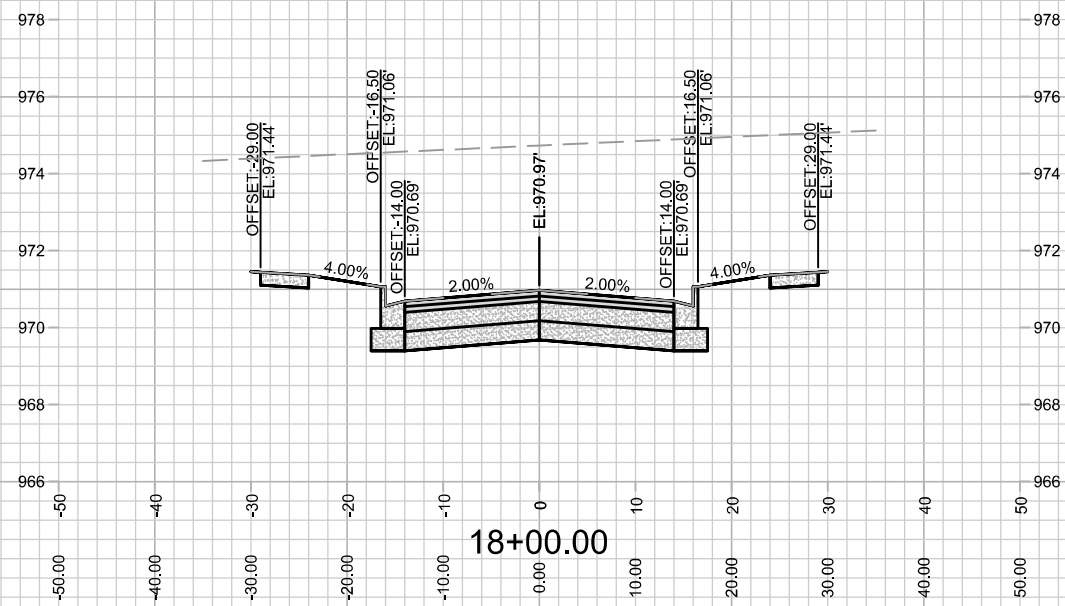
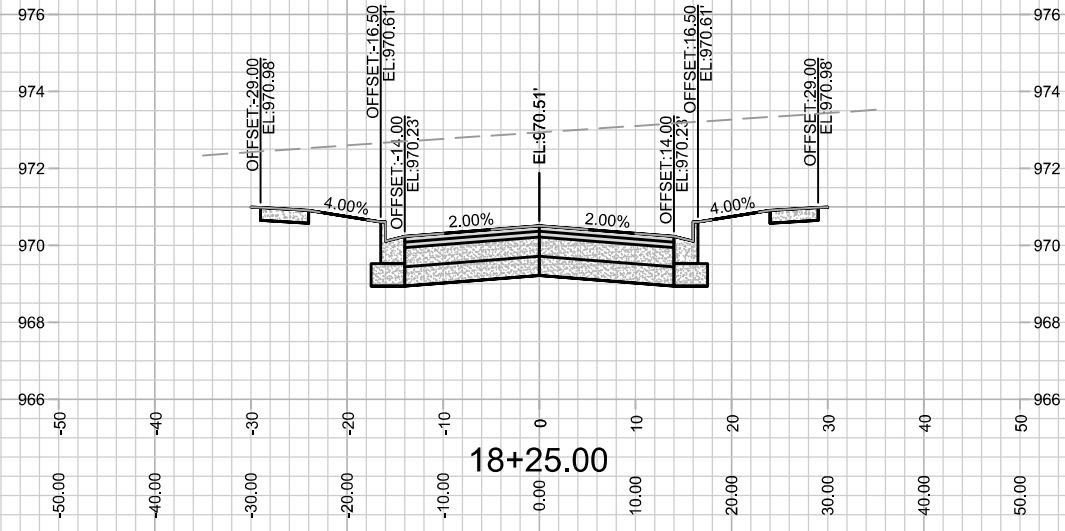
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 X-3



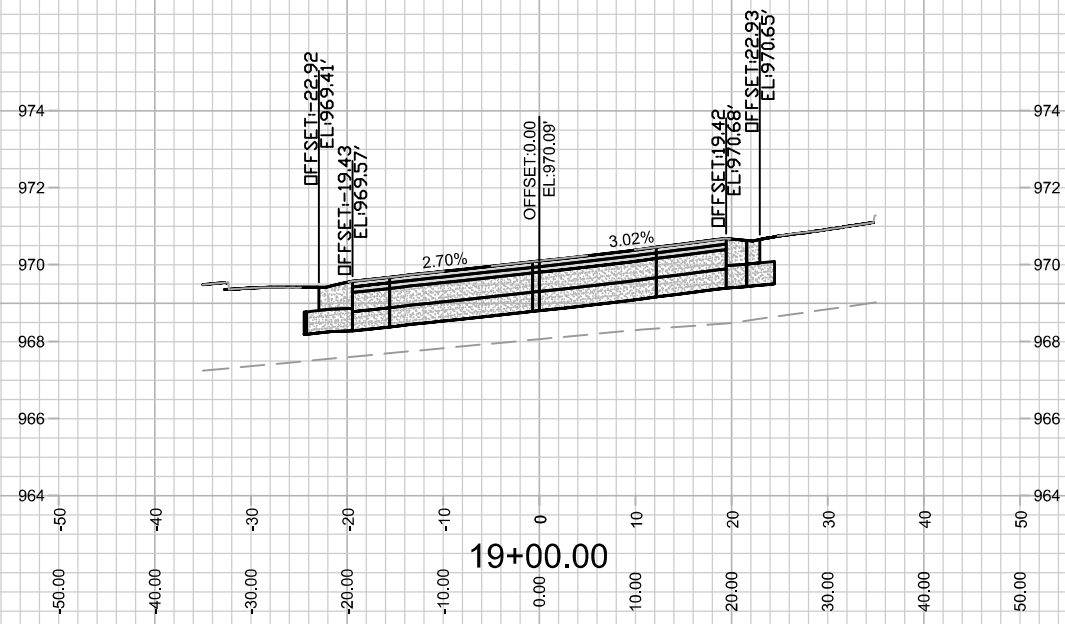
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STONEY OAK CROSS SECTION

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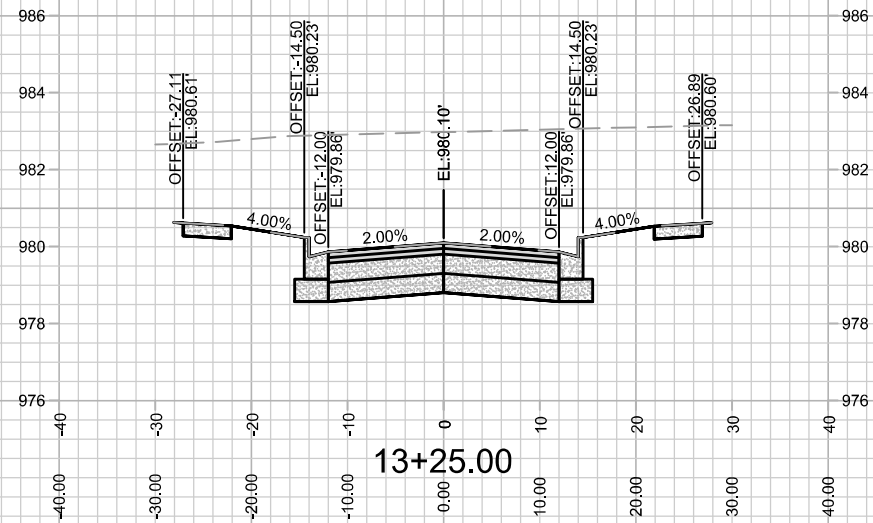
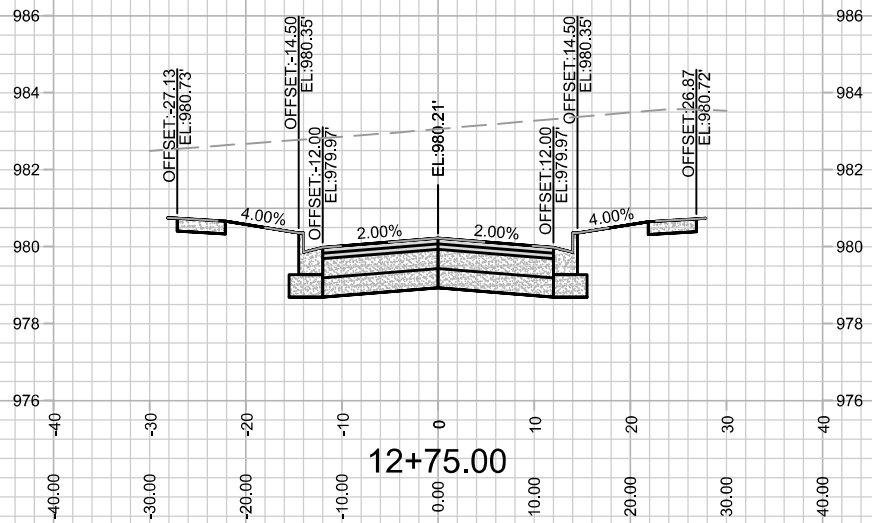
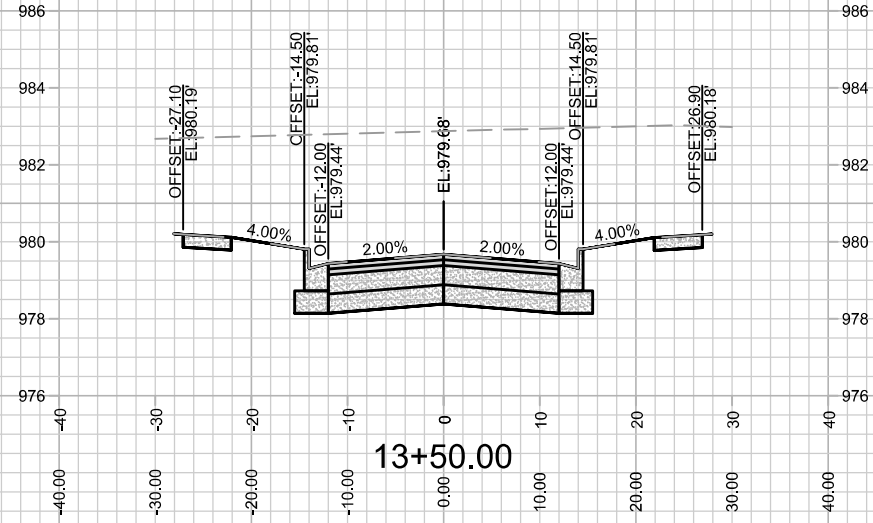
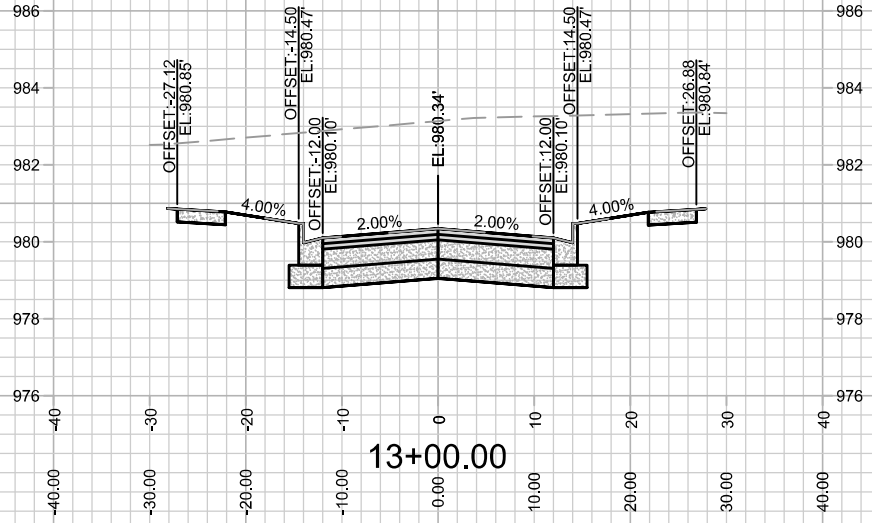
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

MADISON, WI

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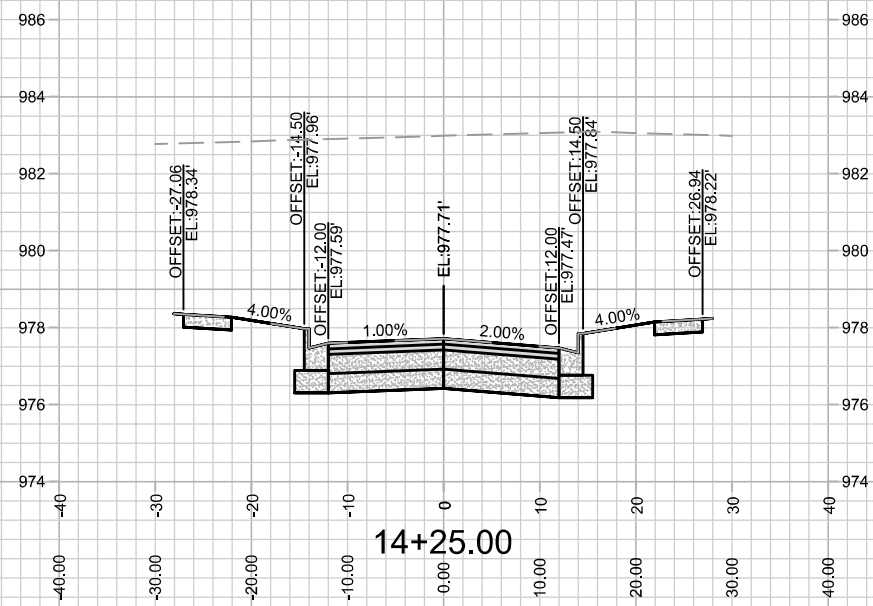
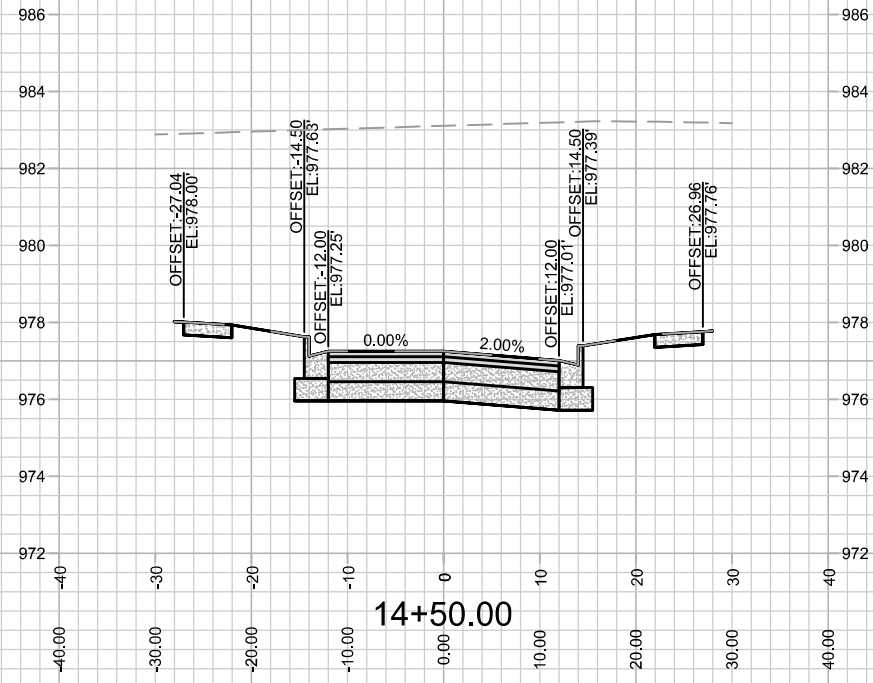
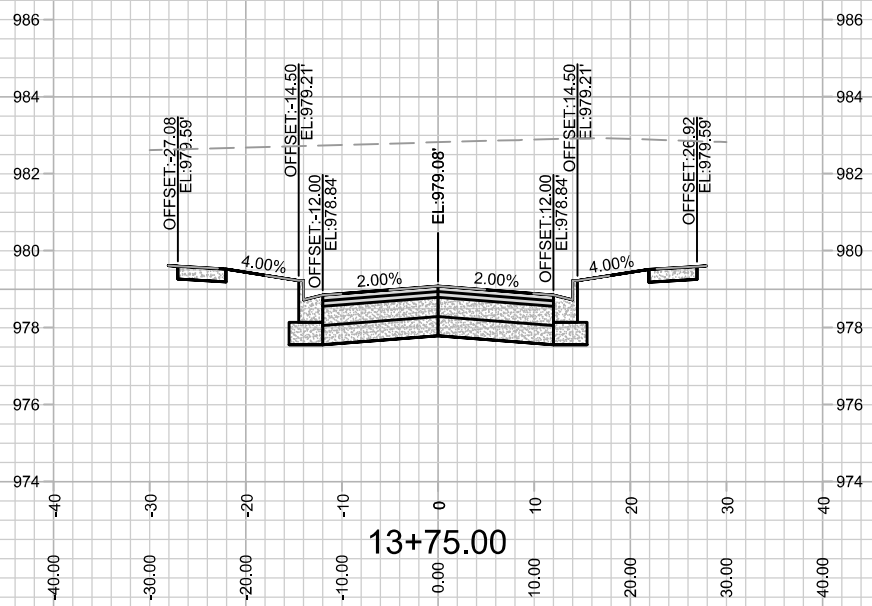
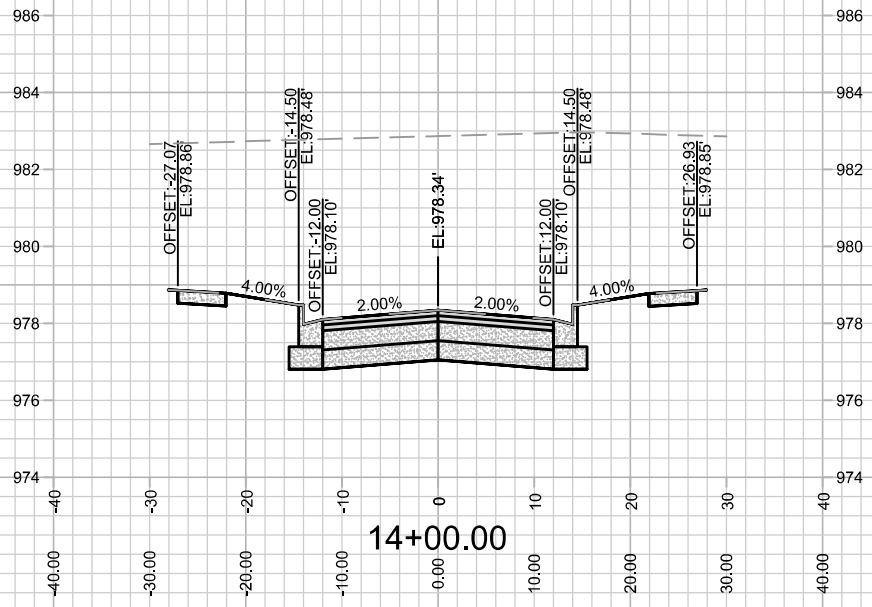


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 MADISON, WI
 CONTRACT NO: 9092

PETERSON ST CROSS SECTION
 NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5
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PETERSON ST CROSS SECTION
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

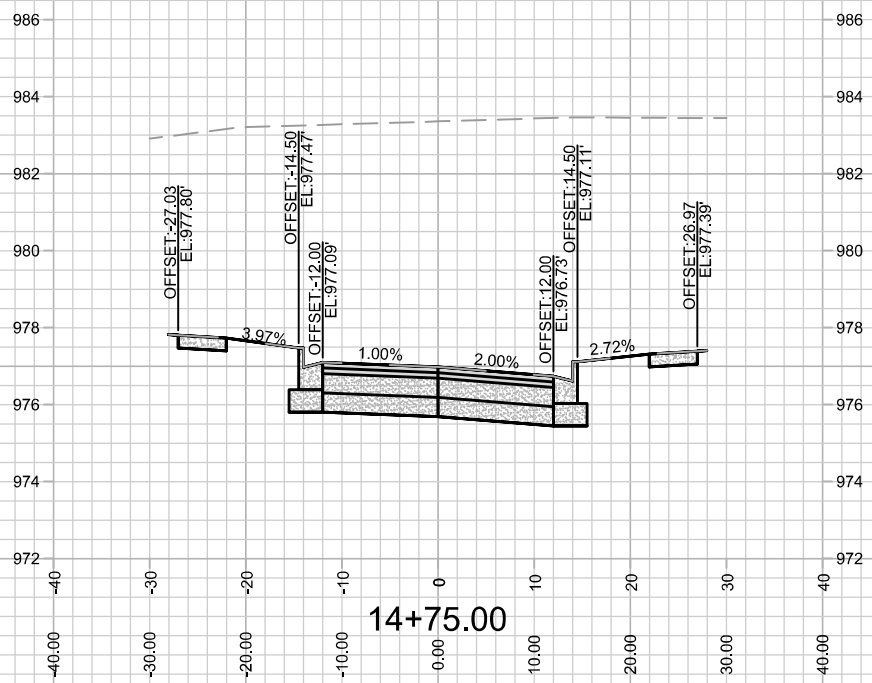
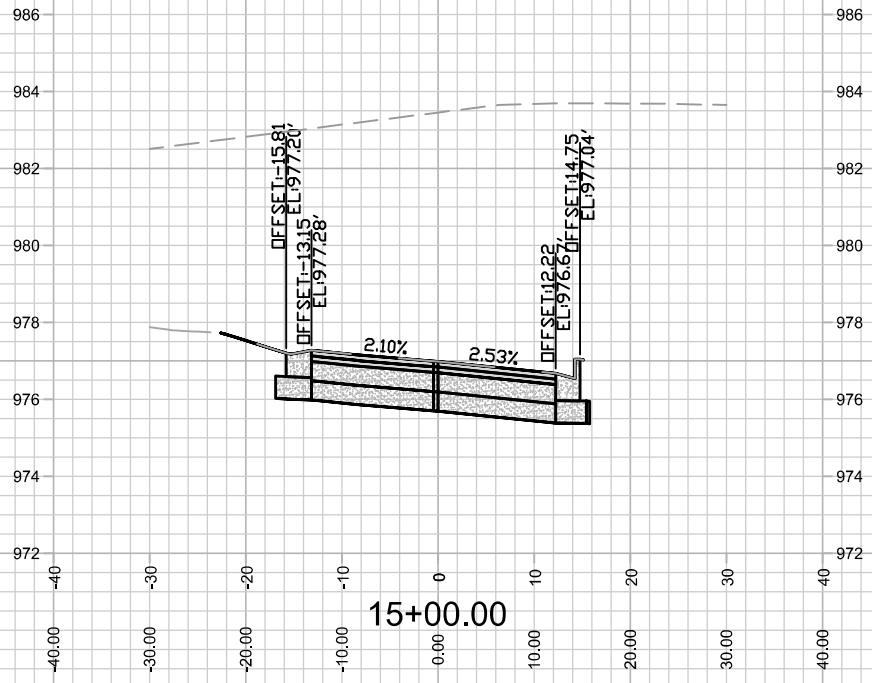
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MADISON, WI

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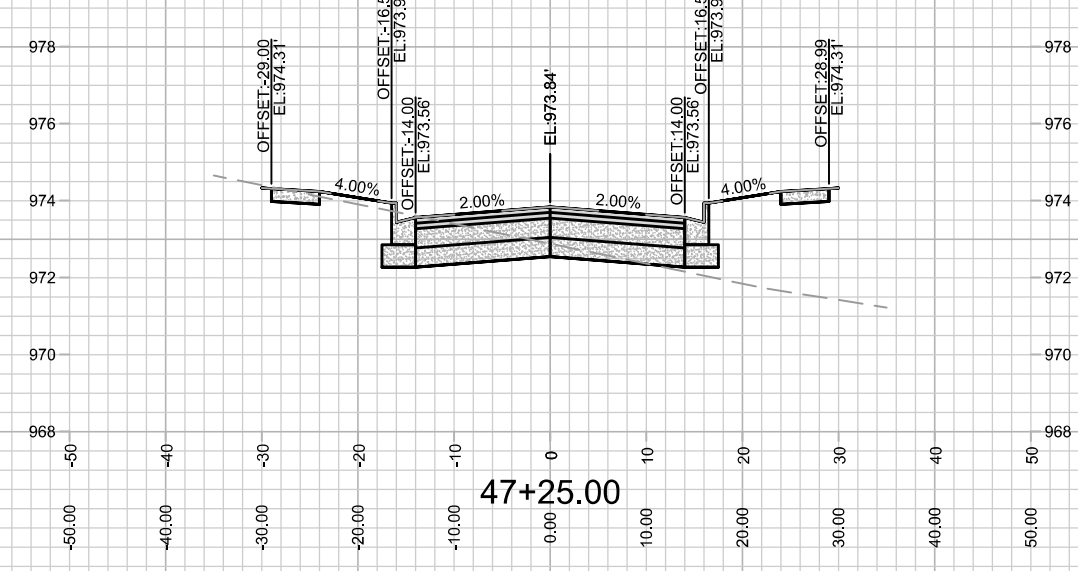
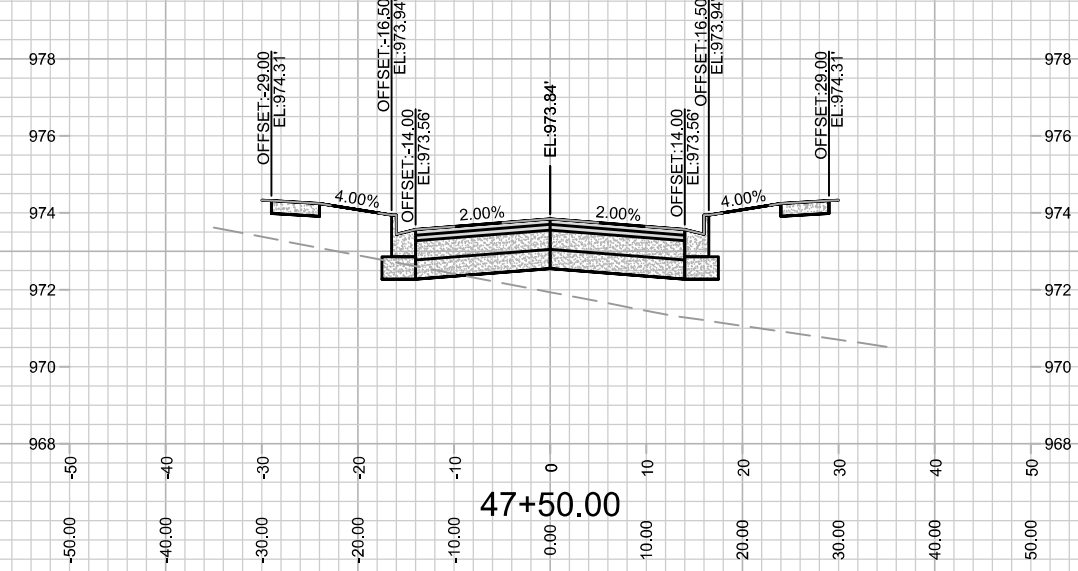
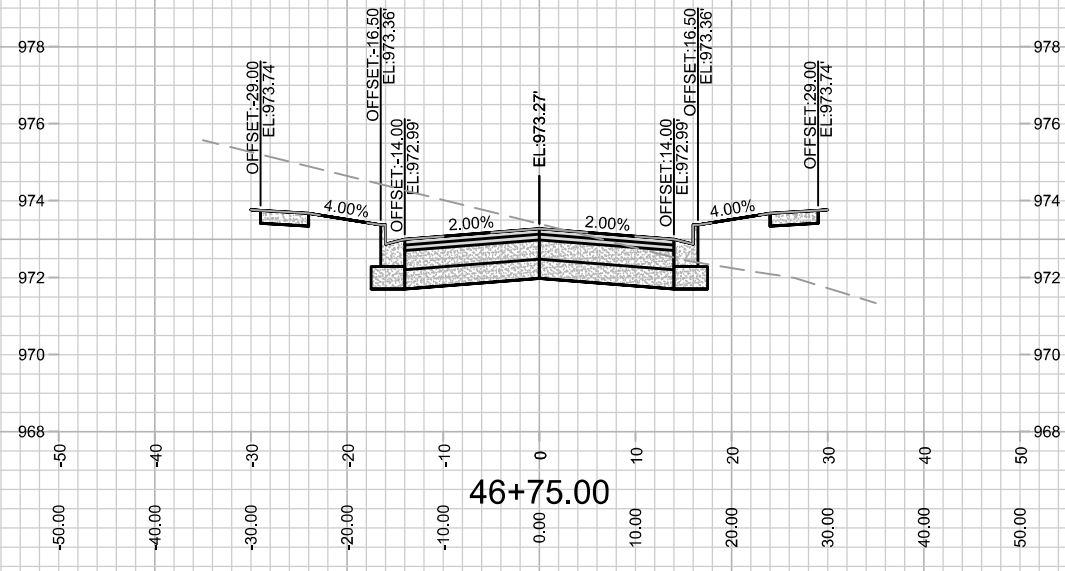
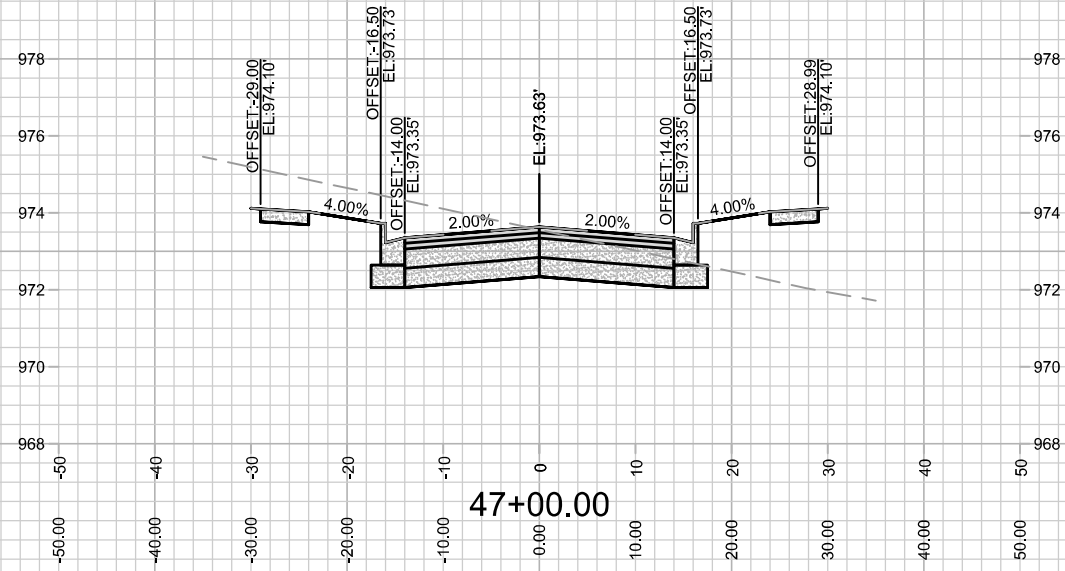
PETERSON ST CROSS SECTION
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

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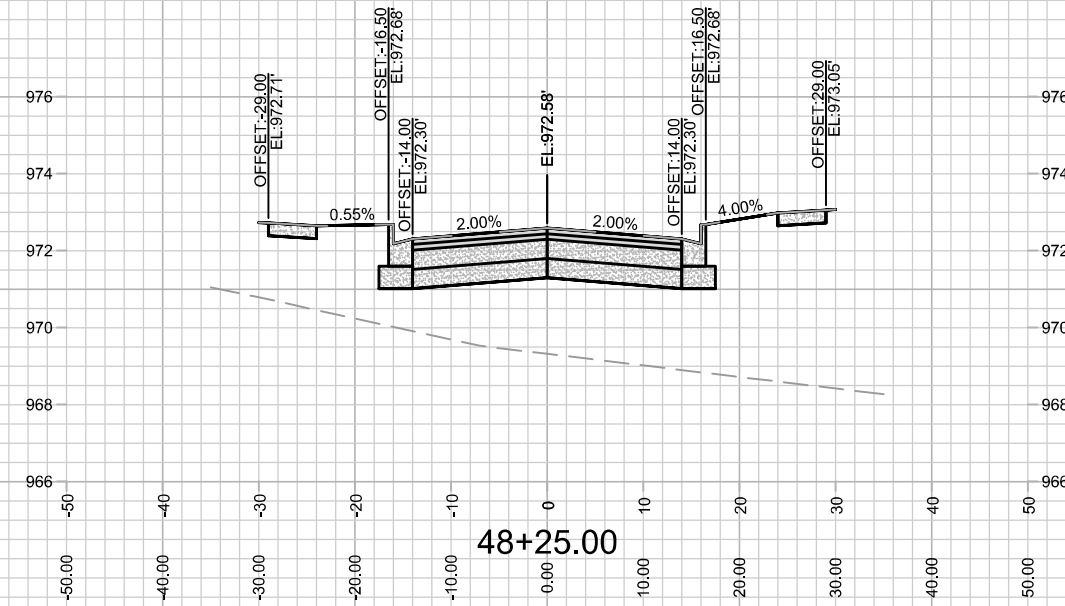
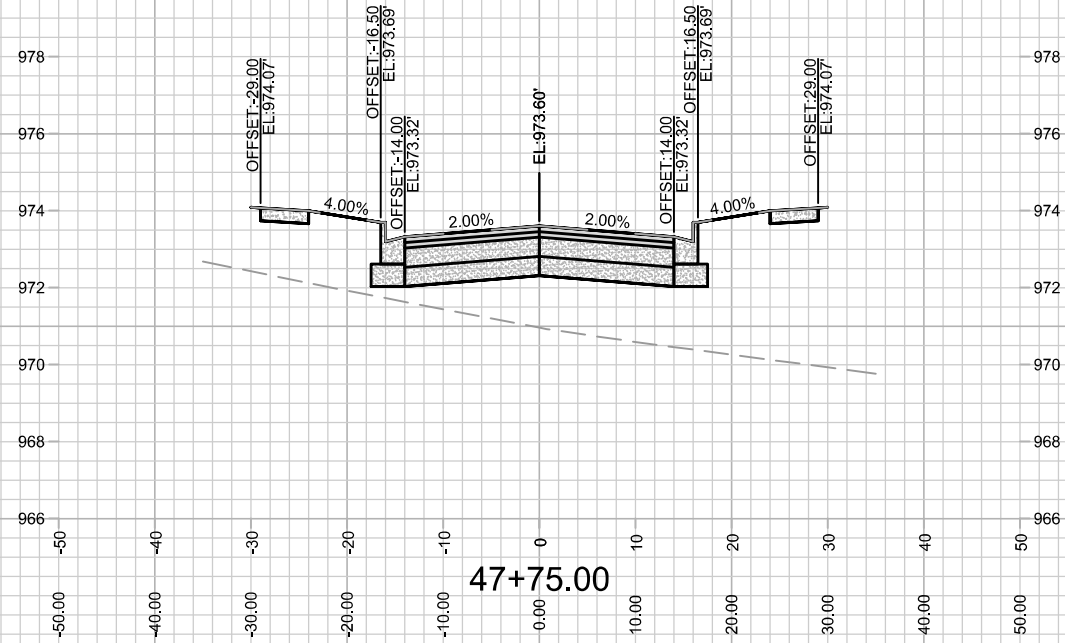
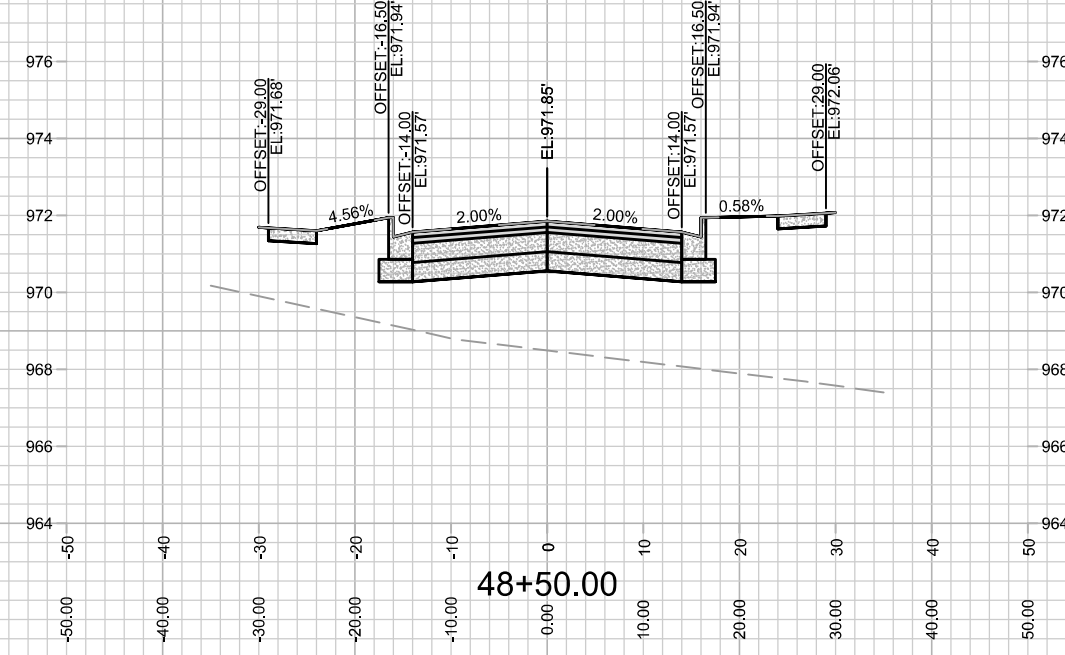
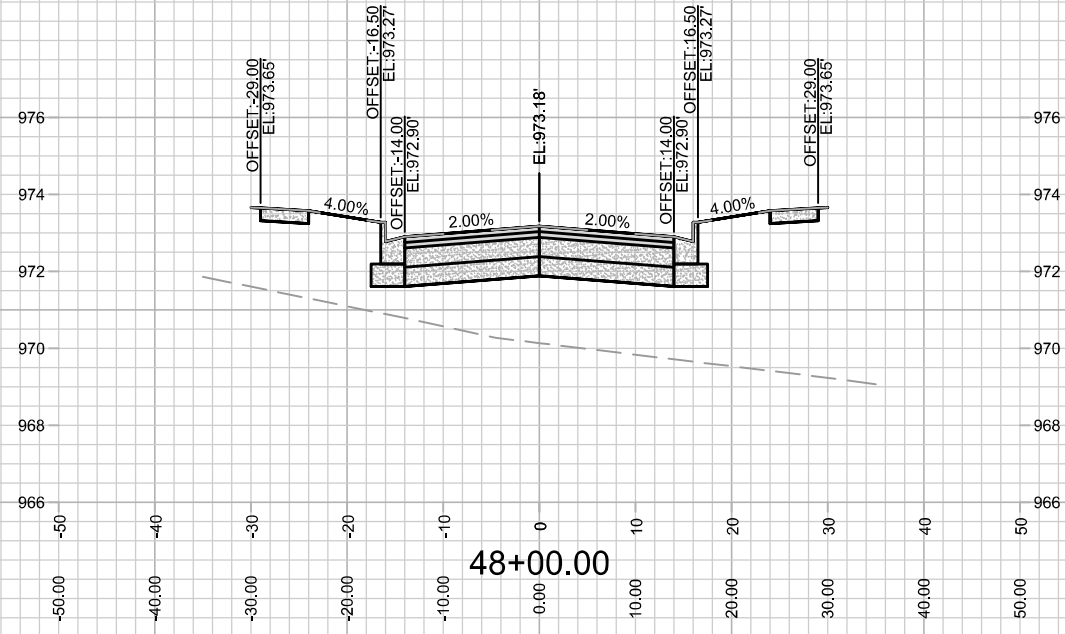
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MADISON, WI
9092
CONTRACT NO:

GALILEO DR CROSS SECTION
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Scale: 1" = 20'



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GALILEO DR CROSS SECTION
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

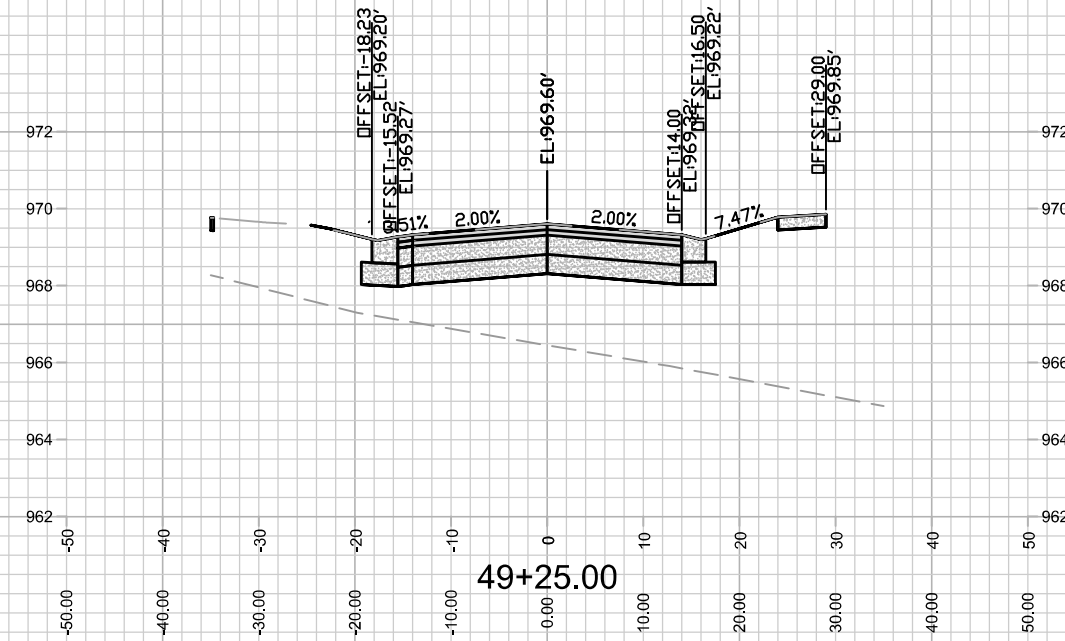
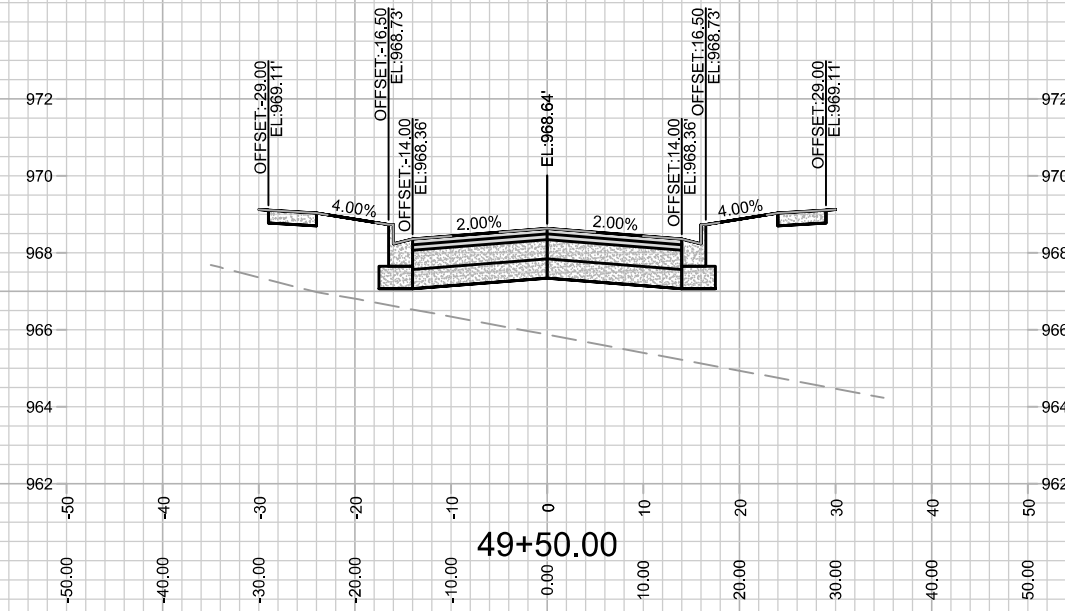
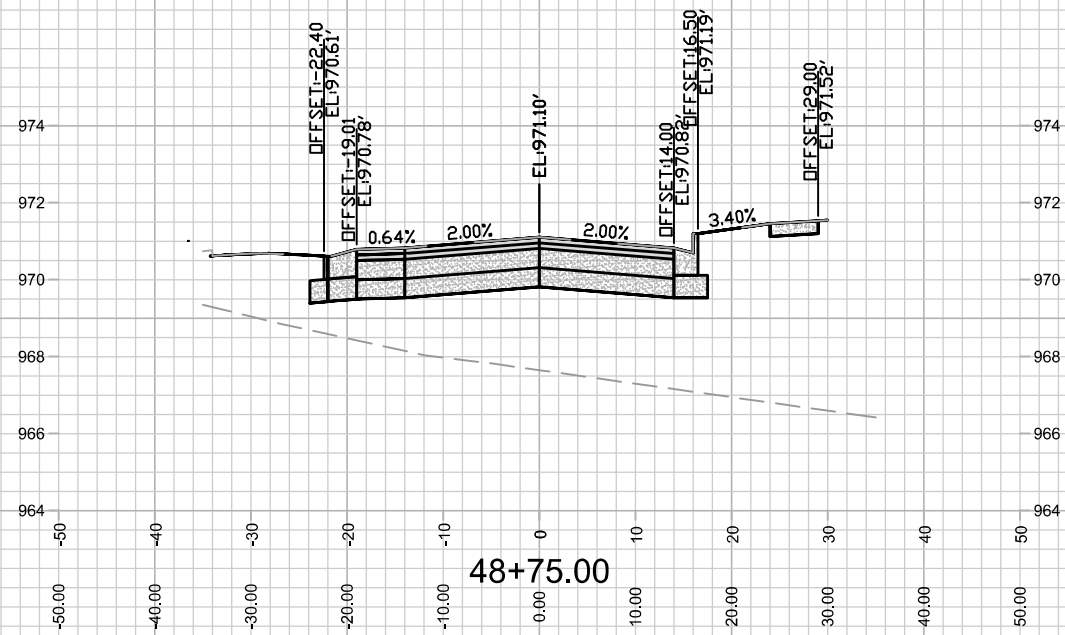
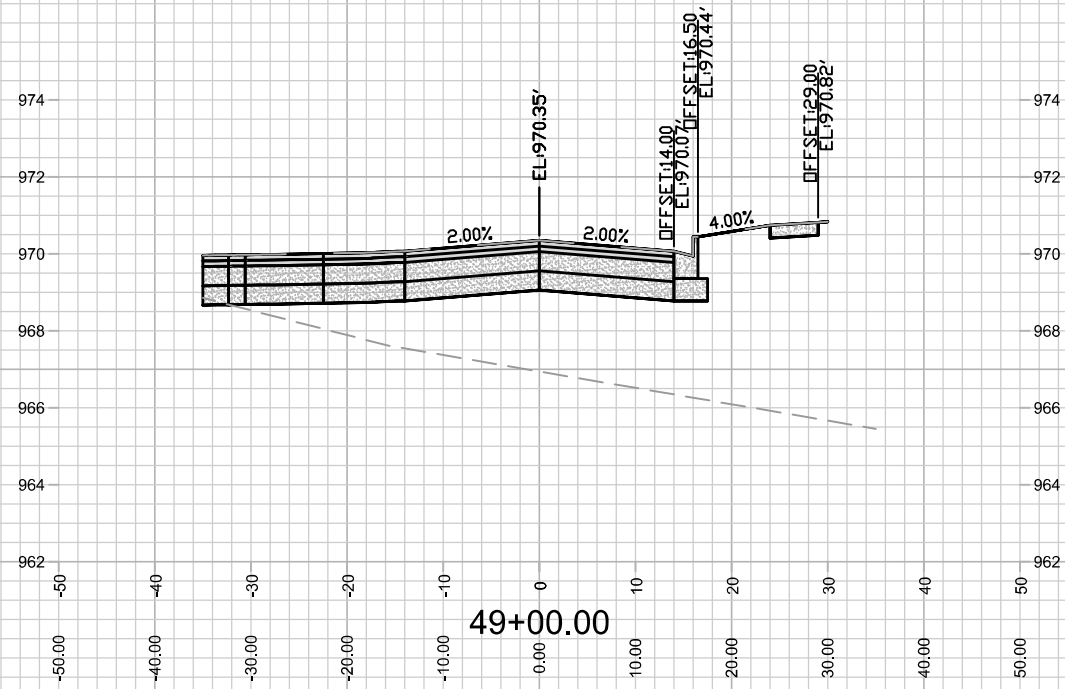
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MADISON, WI

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CONTRACT NO: 9092

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X-11

GALILEO DR CROSS SECTION
NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

13853
MADISON, WI

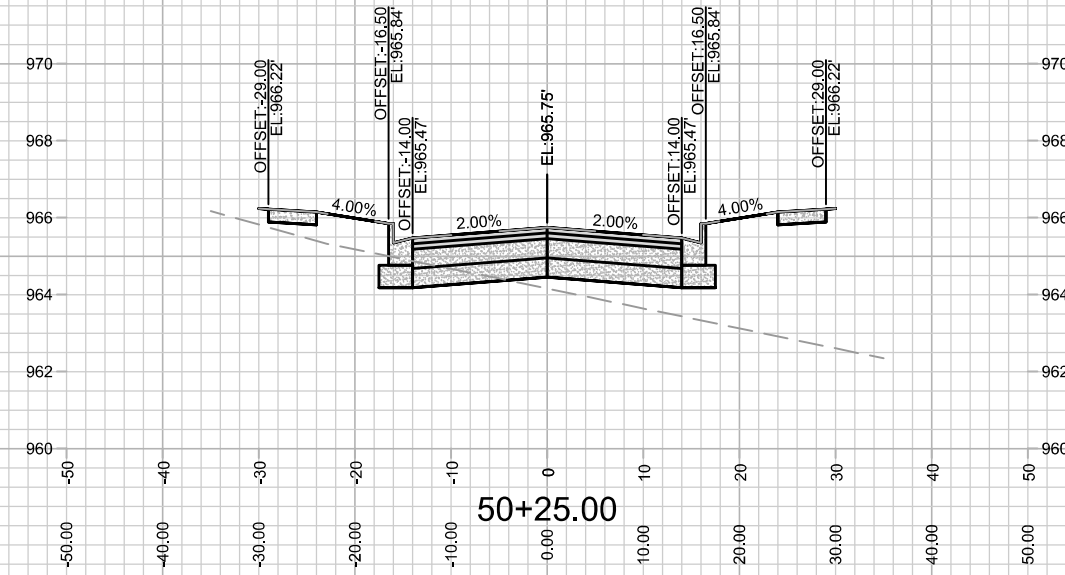
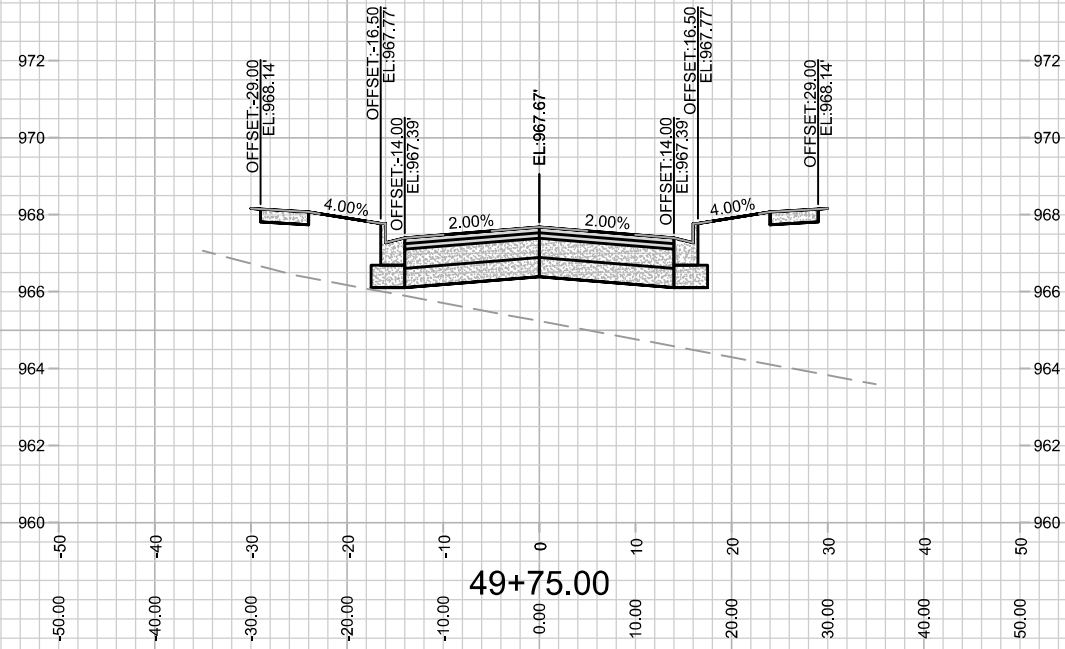
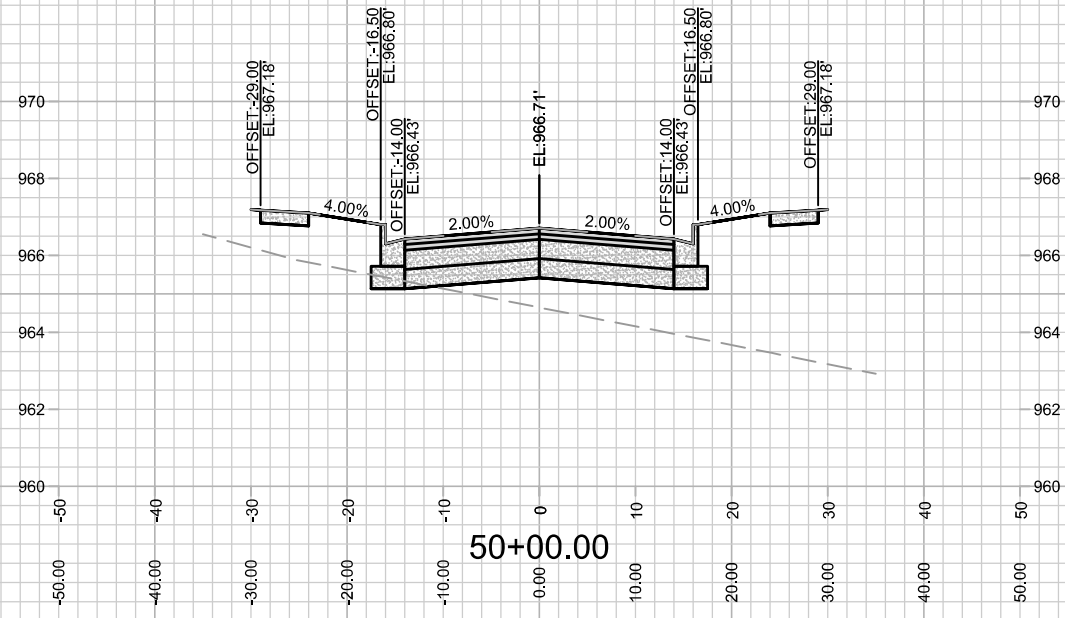
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Date: 1/24/2022 11:47 AM
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X-11

CONTRACT NO: 9092

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X-12

GALILEO DR CROSS SECTION

NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5

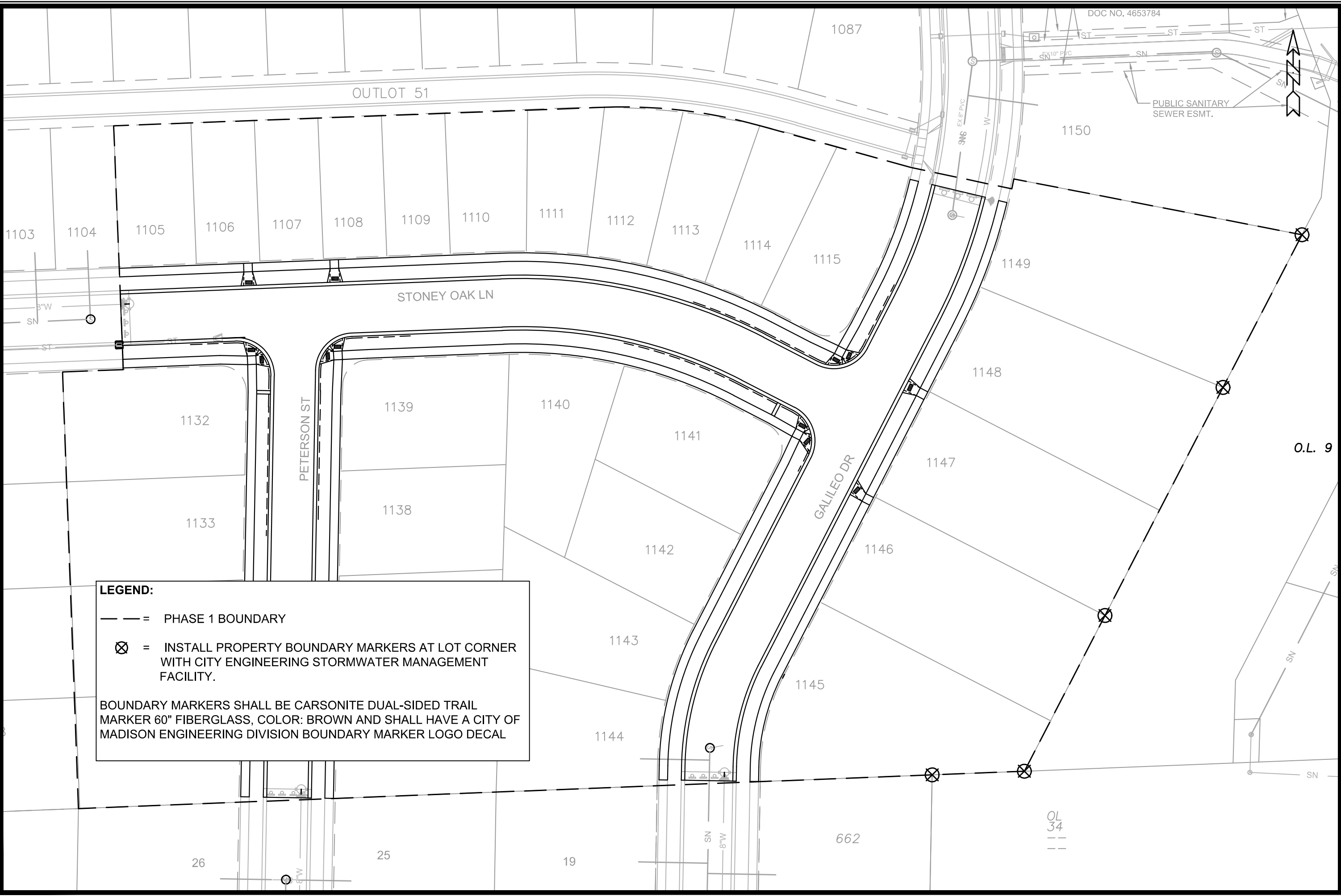
MADISON, WI

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LEGEND:

--- = PHASE 1 BOUNDARY

⊗ = INSTALL PROPERTY BOUNDARY MARKERS AT LOT CORNER WITH CITY ENGINEERING STORMWATER MANAGEMENT FACILITY.

BOUNDARY MARKERS SHALL BE CARSONITE DUAL-SIDED TRAIL MARKER 60" FIBERGLASS, COLOR: BROWN AND SHALL HAVE A CITY OF MADISON ENGINEERING DIVISION BOUNDARY MARKER LOGO DECAL

MARK	REVISION	DATE	BY
13853		11/27/2022 9:37 AM	PBM-1

13853
 MADISON, WI
 CONTRACT NO: 9092
 PROPERTY BOUNDARY MARKER PLAN
 NORTHEAST ADDITION TO GRANDVIEW COMMONS PH 5
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