CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

Madison, Wisconsin

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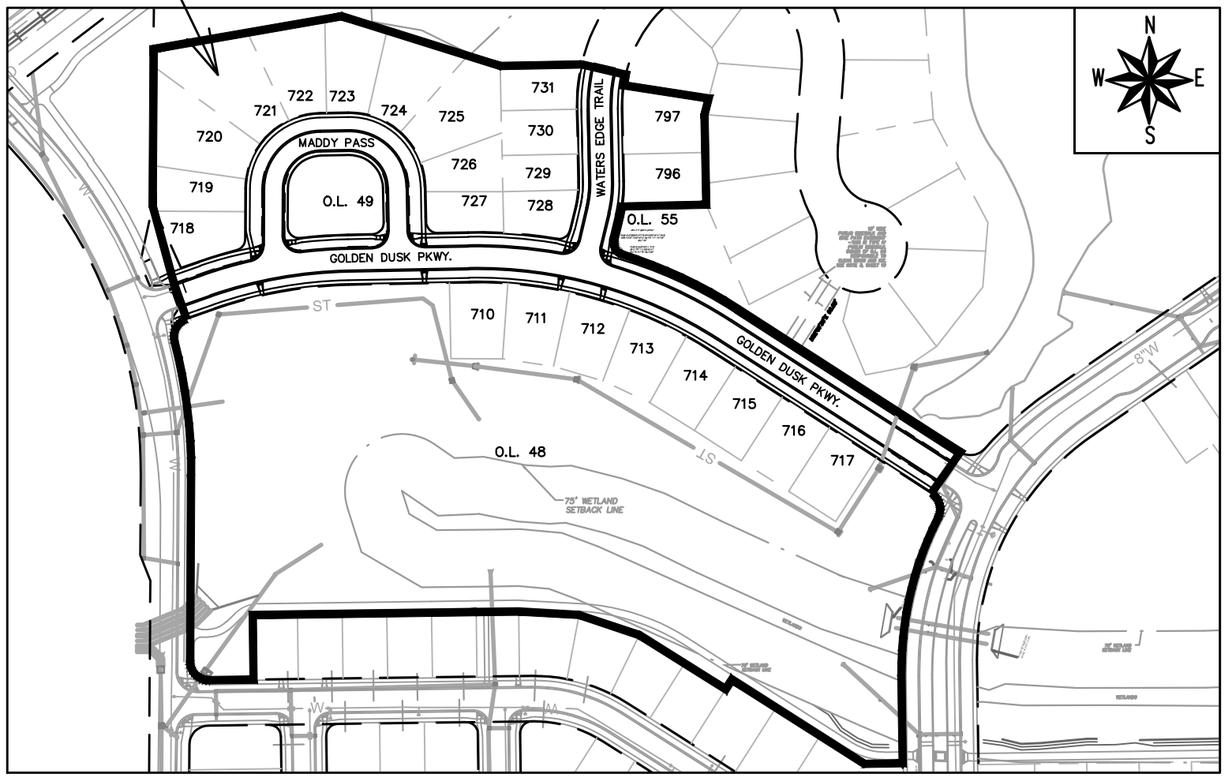
VILLAGE AT AUTUMN LAKE PHASE 10

CITY PROJECT NO. 12714
CONTRACT NO. 8489

PROJECT LOCATION



PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 15, 2021

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Greg Fries — Jan 24, 2022

City Engineer — Date

STREET GRADES DESIGNED BY:

WISCONSIN JOHN P. SAPP E-44054 JANESVILLE WI PROFESSIONAL ENGINEER

Jan 24, 2022

STORM SEWER DESIGNED BY:

WISCONSIN JANET SCHMIDT E-34681 MADISON WI PROFESSIONAL ENGINEER

Jan 24, 2022

SANITARY SEWER DESIGNED BY:

WISCONSIN MARK D. MODER E-33979 MADISON WI PROFESSIONAL ENGINEER

Jan 24, 2022

STREET GEOMETRY DESIGNED BY:

WISCONSIN SEAN D MALLOY E-48326 MADISON WI PROFESSIONAL ENGINEER

Jan 24, 2022

WATER DESIGNED BY:

WISCONSIN PETER E. HOLMGREN E-42156 MADISON WI PROFESSIONAL ENGINEER

Jan 24, 2022

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

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 LUKAS COLLINS AT LCOLLINS@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	CAUTION

ALL PAVEMENT IN THE MADDY PASS AND WATERS EDGE TRAIL RIGHT-OF-WAYS SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE GOLDEN DUSK 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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12714

MADISON, WI

CONTRACT NO: 8489

STANDARD NOTES

VILLAGE AT AUTUMN LAKE PHASE 10

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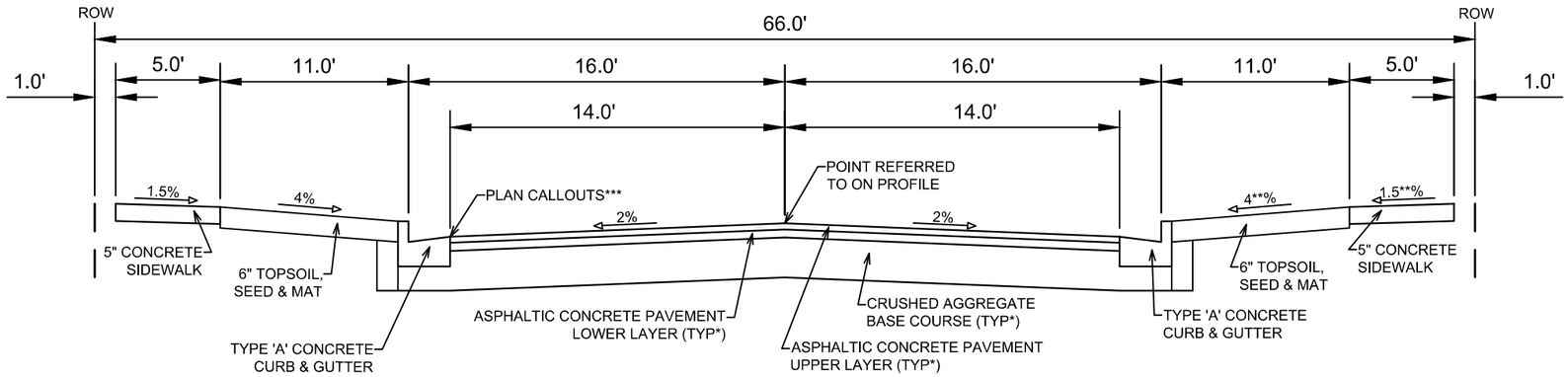
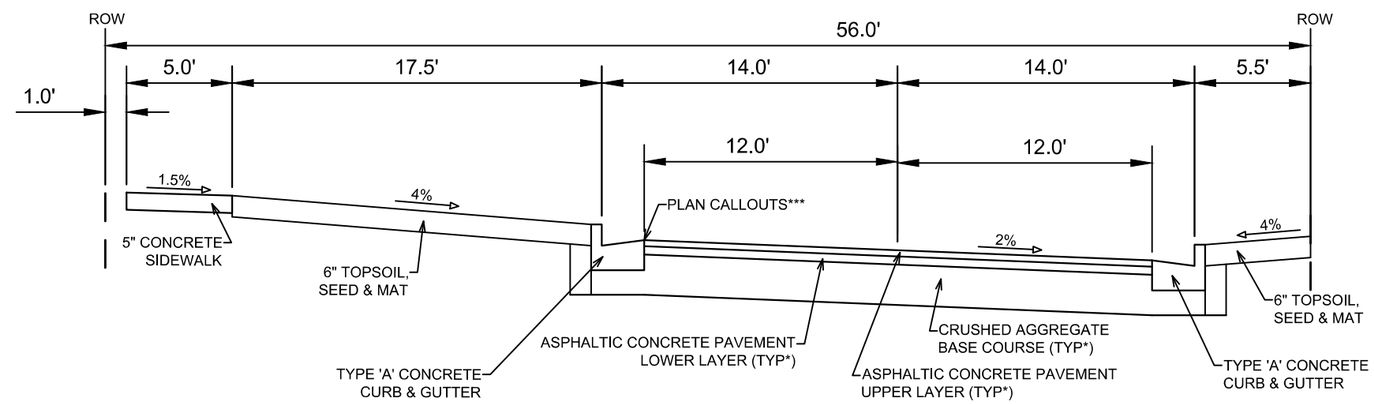


TYPICAL SECTION

GOLDEN DUSK PARKWAY



TYPICAL SECTION

MADDY PASS

NOTES:

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

* MADDY PASS 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 CITY OF MADISON SHALL BE RESPONSIBLE FOR SURFACE PAVING PHASE 10

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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MADISON, WI

CONTRACT NO: 8489

TYPICAL SECTIONS

VILLAGE AT AUTUMN LAKE PHASE 10

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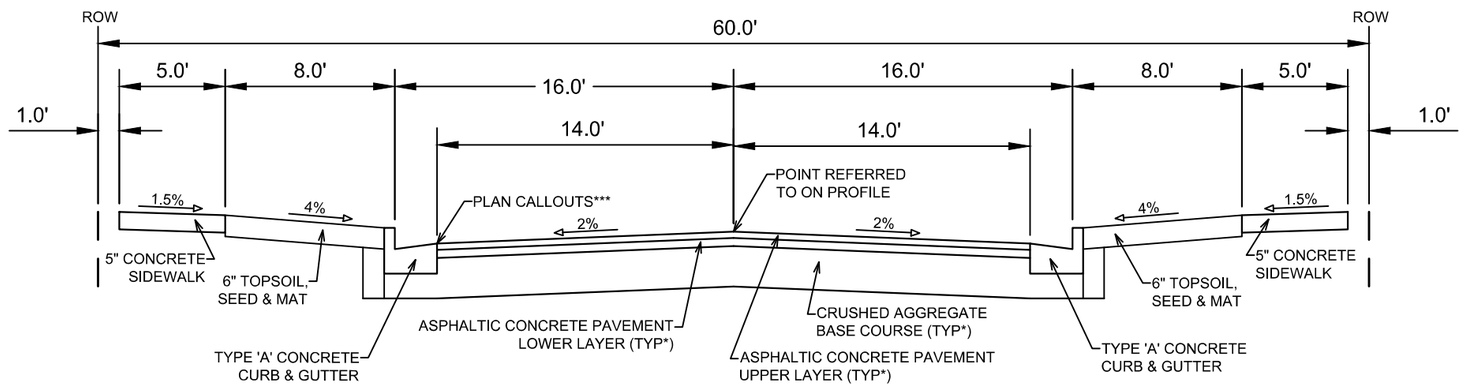

TYPICAL SECTION

WATERS EDGE TRAIL

NOTES:

* WATERS EDGE TRAIL 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 CITY OF MADISON SHALL BE RESPONSIBLE FOR SURFACE PAVING PHASE 10

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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MADISON, WI

CONTRACT NO: 8489

TYPICAL SECTIONS

VILLAGE AT AUTUMN LAKE PHASE 10

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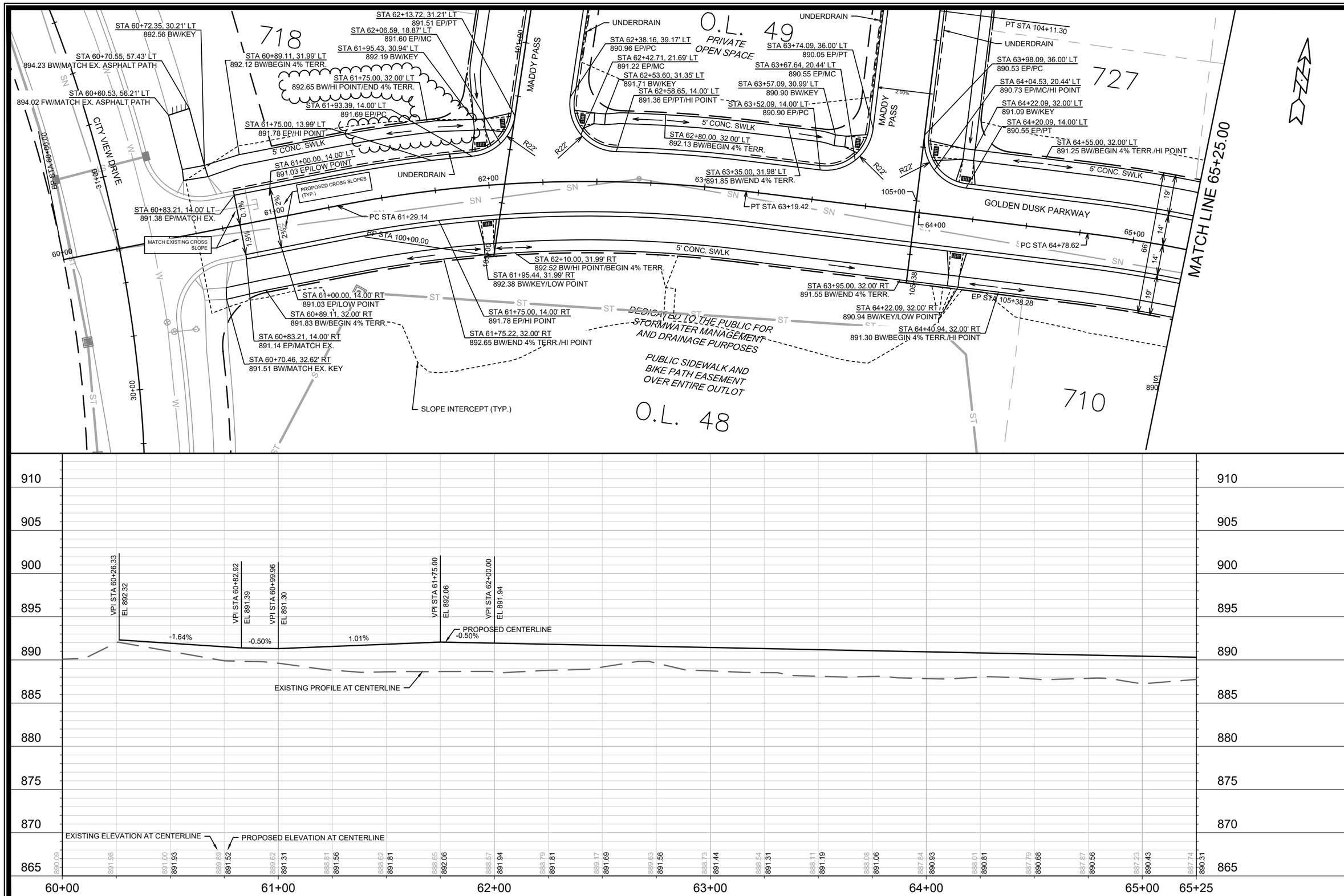

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1	SIDEWALK LAYOUT & MISSING GRADE	10/14/22	JPS

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MADISON, WI

CONTRACT NO: 8489

GOLDEN DUSK PARKWAY - PLAN AND PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

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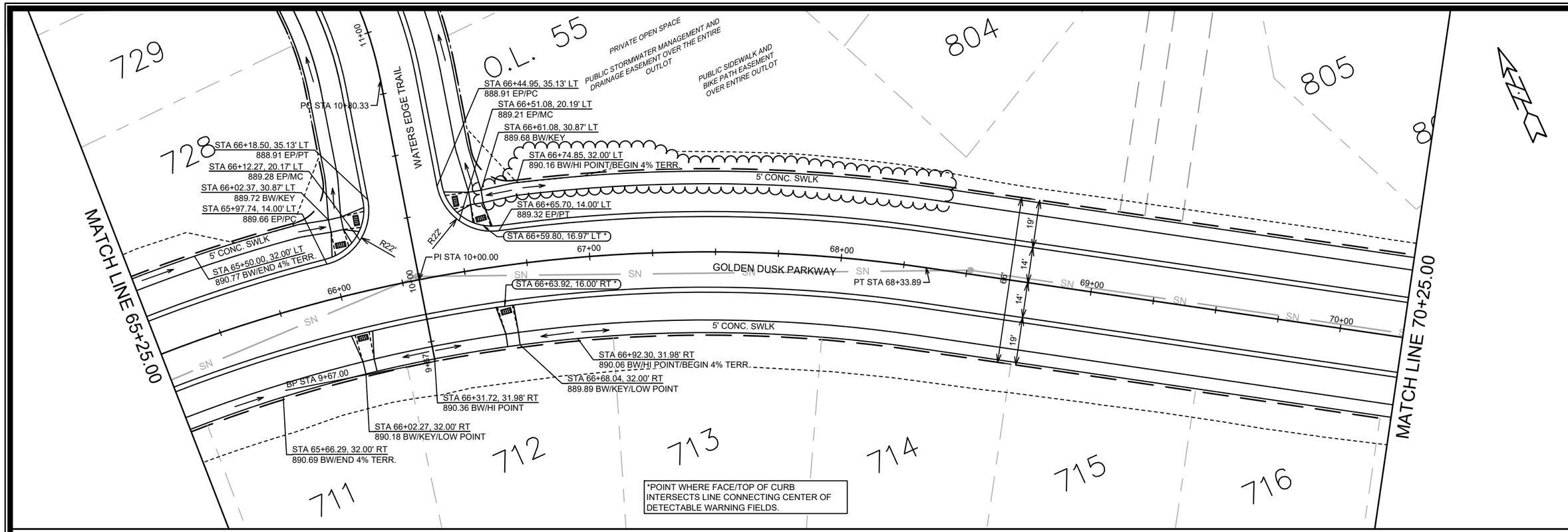
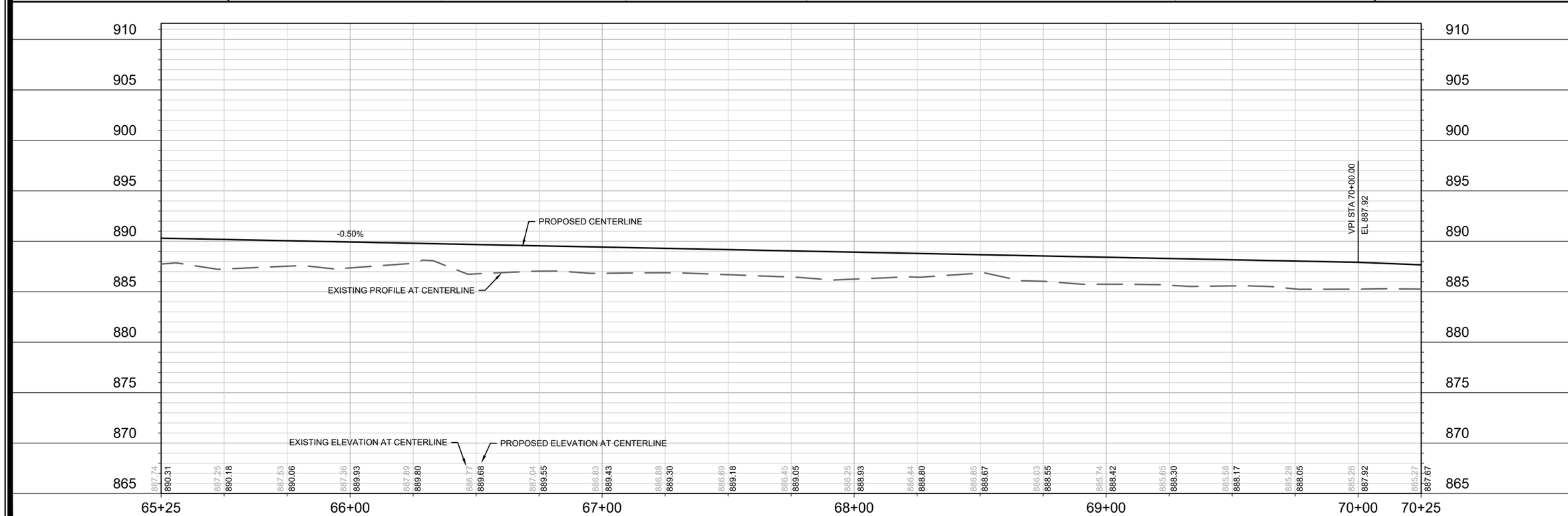


*POINT WHERE FACE/TOP OF CURB INTERSECTS LINE CONNECTING CENTER OF DETECTABLE WARNING FIELDS.



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1	SIDEWALK LAYOUT & MISSING GRADE	10/14/22	JPS

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MADISON, WI

CONTRACT NO: 8489

GOLDEN DUSK PARKWAY - PLAN AND PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

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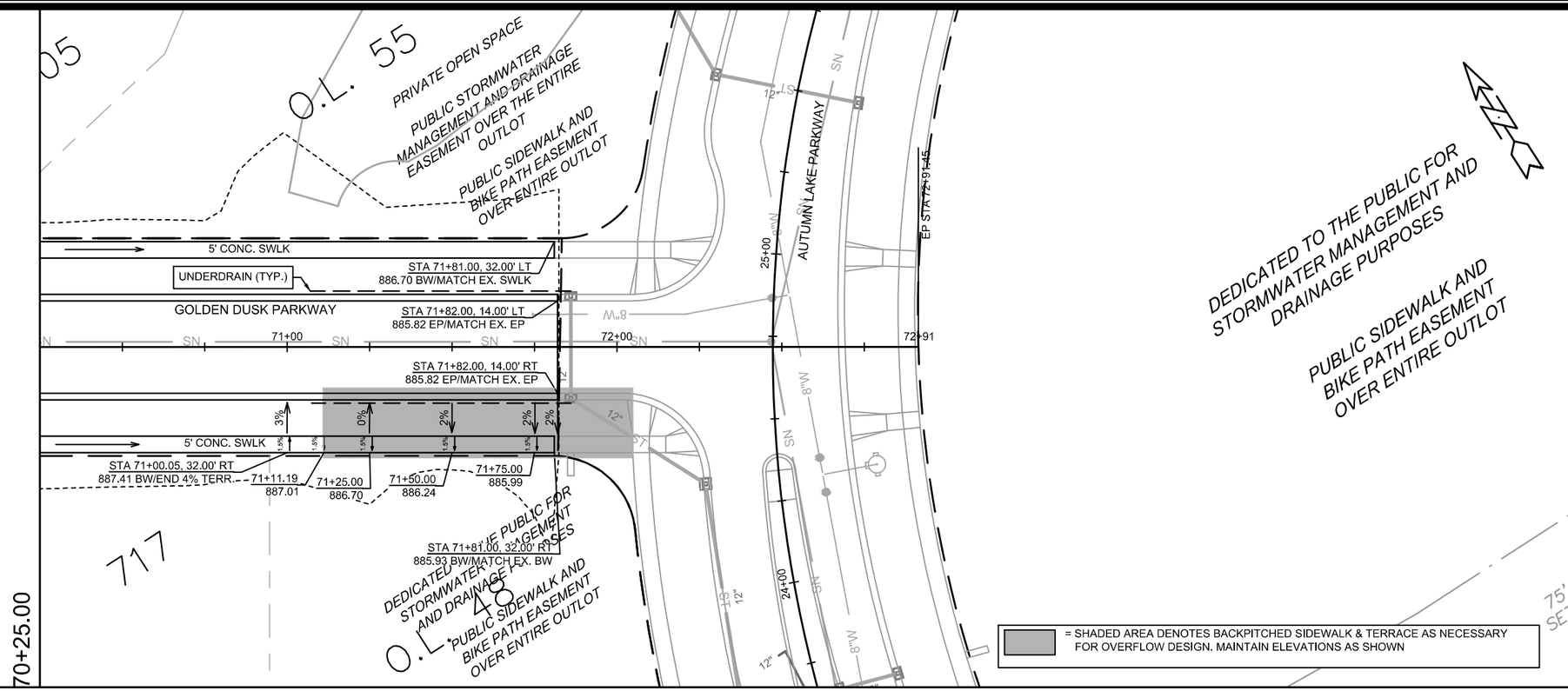

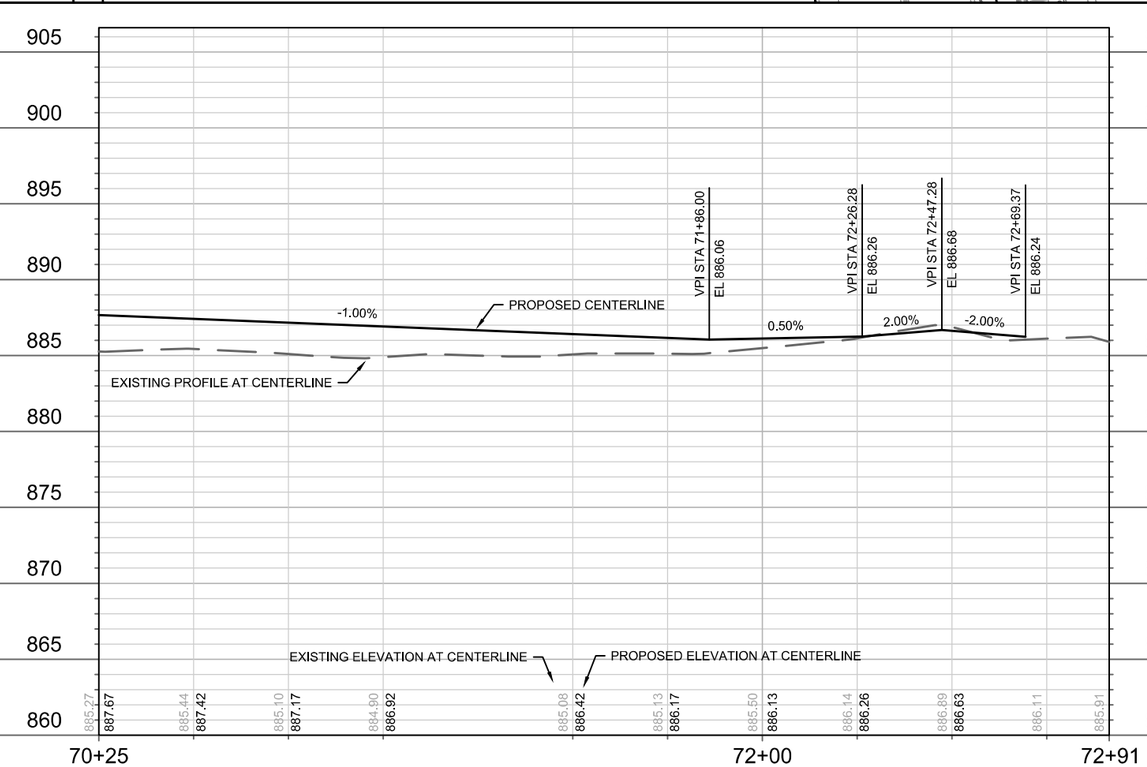

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MADISON, WI

CONTRACT NO: 8489

GOLDEN DUSK PARKWAY - PLAN AND PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

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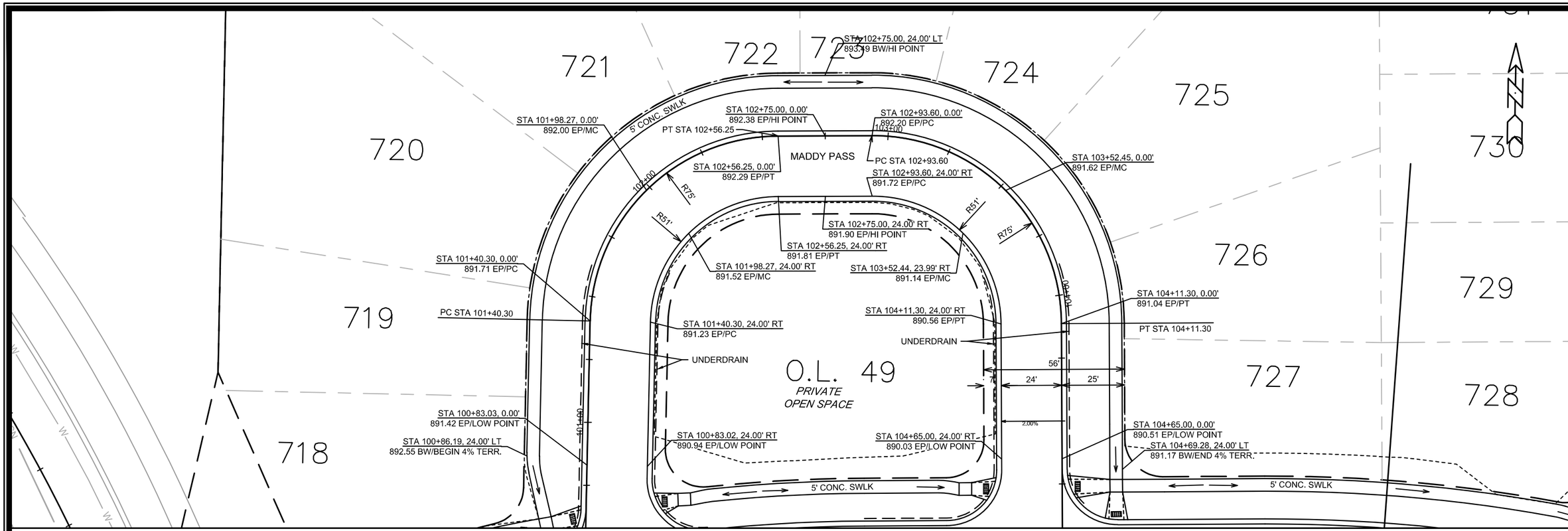

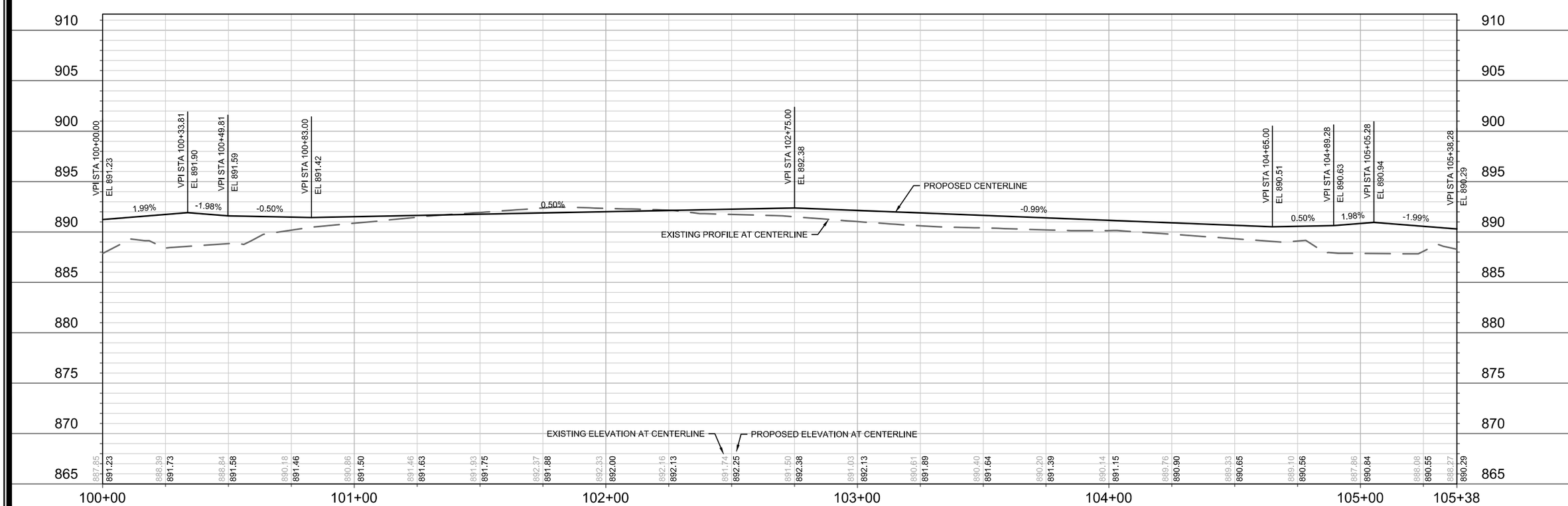

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MADISON, WI

8489

CONTRACT NO:

MADDY PASS - PLAN AND PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

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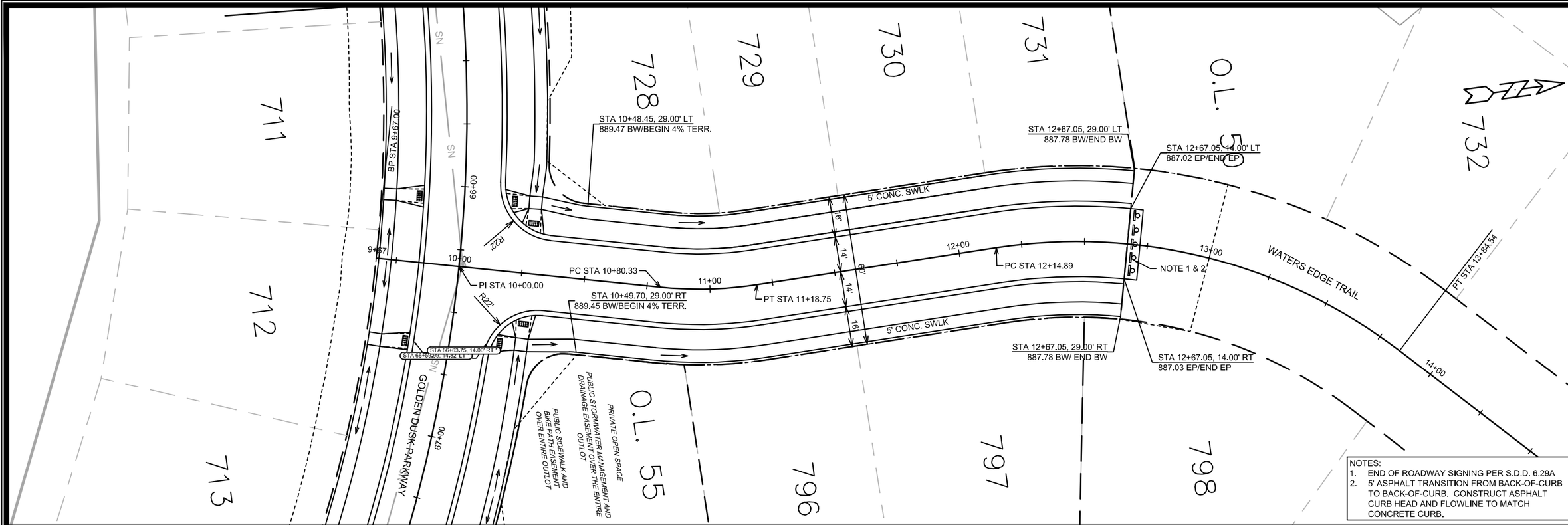
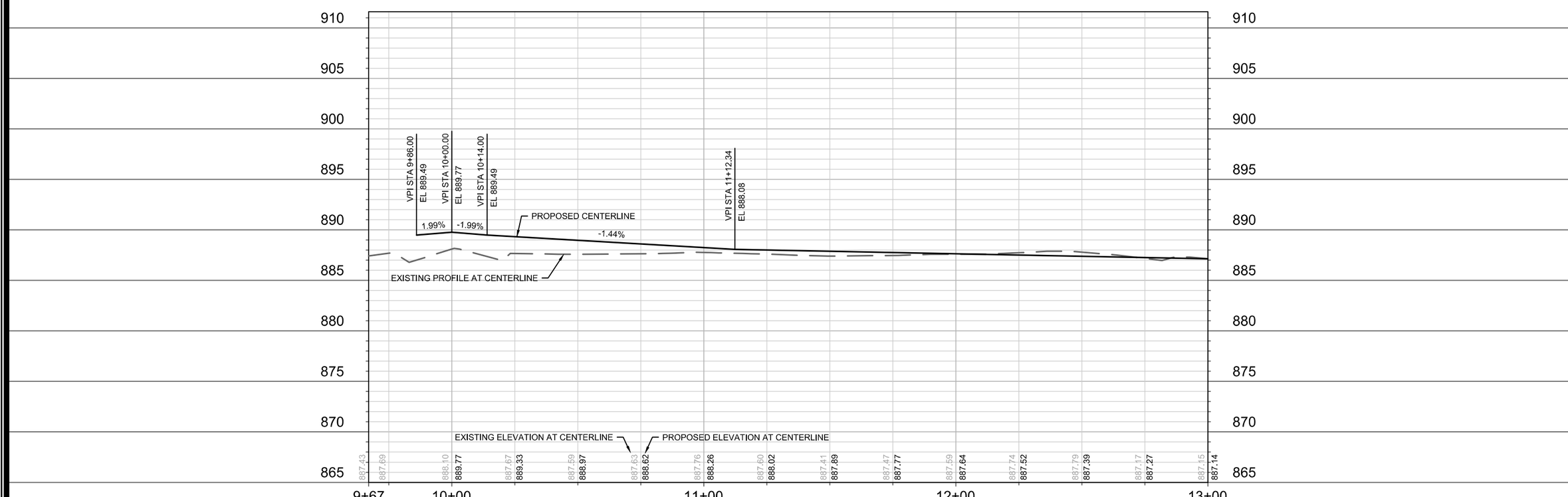


NOTES:
1. END OF ROADWAY SIGNING PER S.D.D. 6.29A
2. 5' ASPHALT TRANSITION FROM BACK-OF-CURB TO BACK-OF-CURB. CONSTRUCT ASPHALT CURB HEAD AND FLOWLINE TO MATCH CONCRETE CURB.



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MADISON, WI

CONTRACT NO: 8489

WATERS EDGE TRAIL - PLAN AND PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

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CITY OF MADISON WISCONSIN

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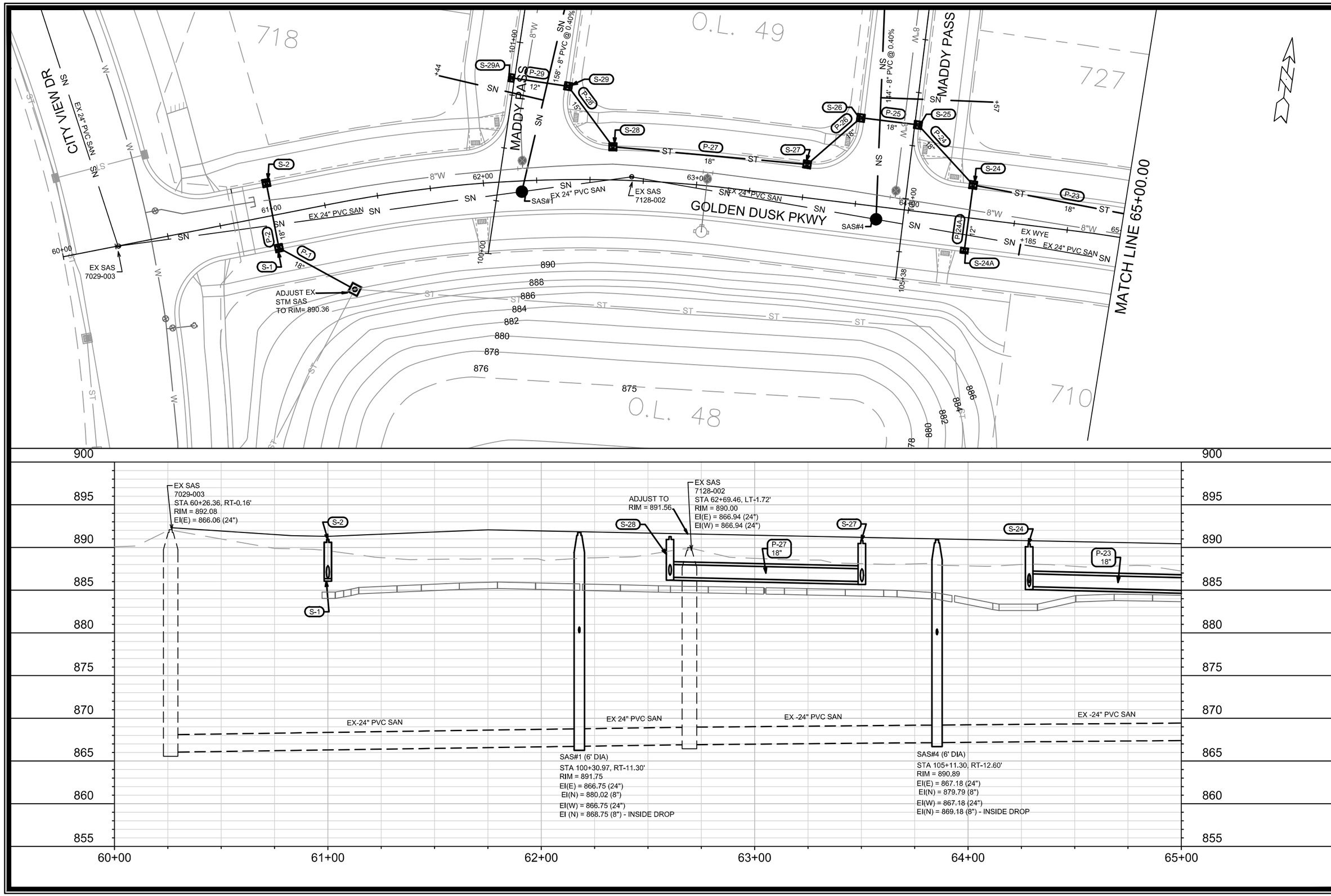

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GOLDEN DUSK PARKWAY - UTILITIES PLAN & PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

MADISON, WI

CONTRACT NO: 8489

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CITY OF MADISON WISCONSIN

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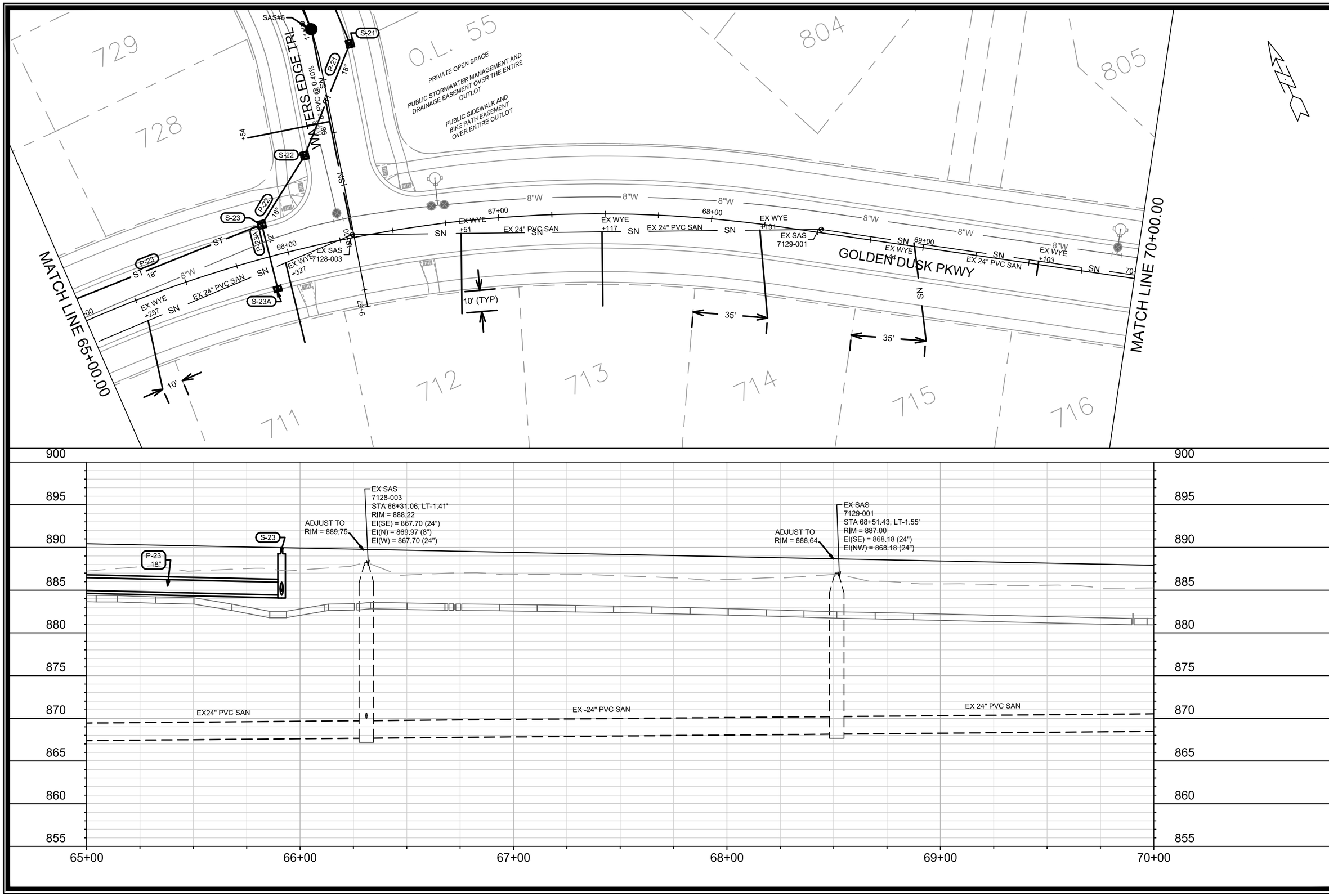

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GOLDEN DUSK PARKWAY - UTILITIES PLAN & PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

MADISON, WI

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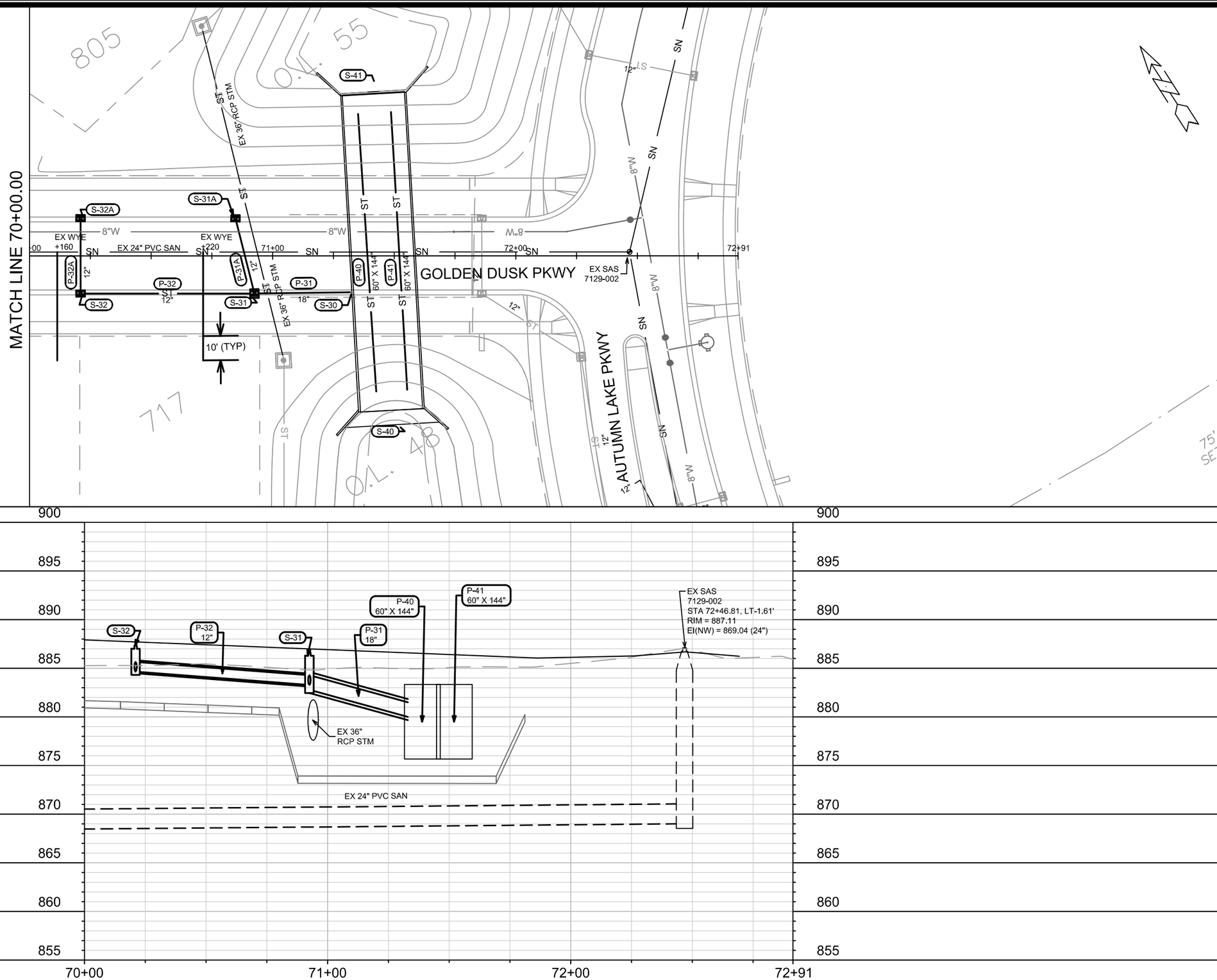

GOLDEN DUSK PARKWAY - UTILITIES PLAN & PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

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MADISON, WI

8489

CONTRACT NO:

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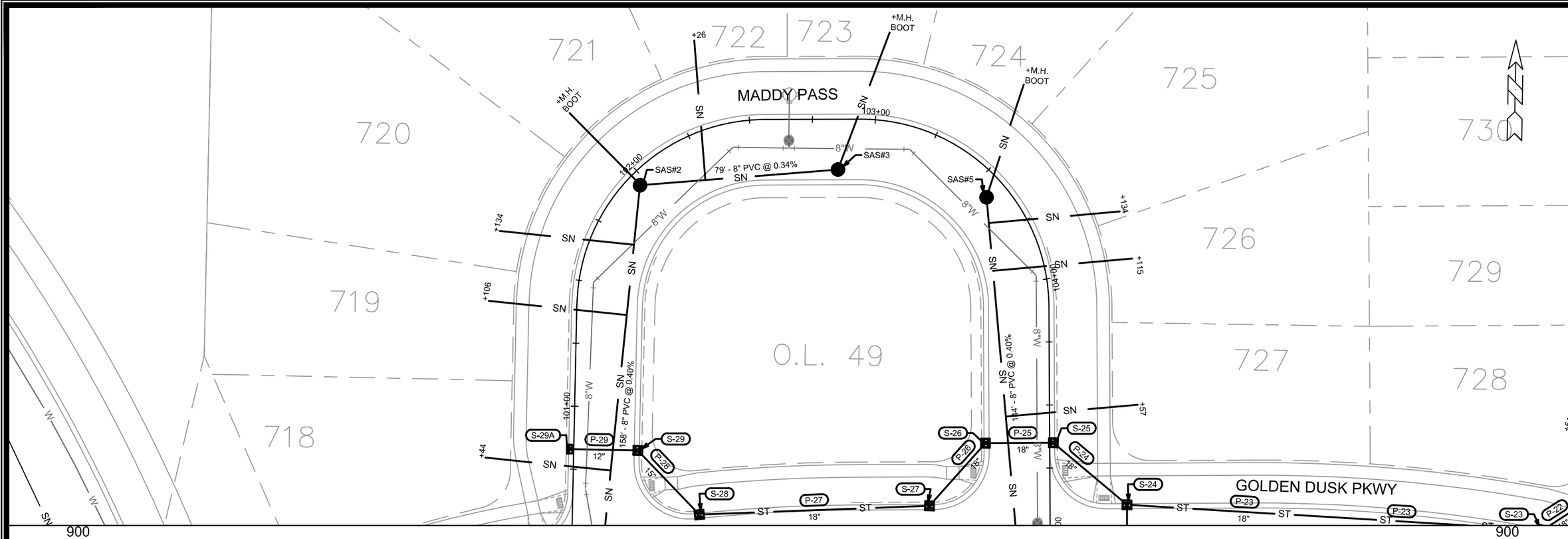

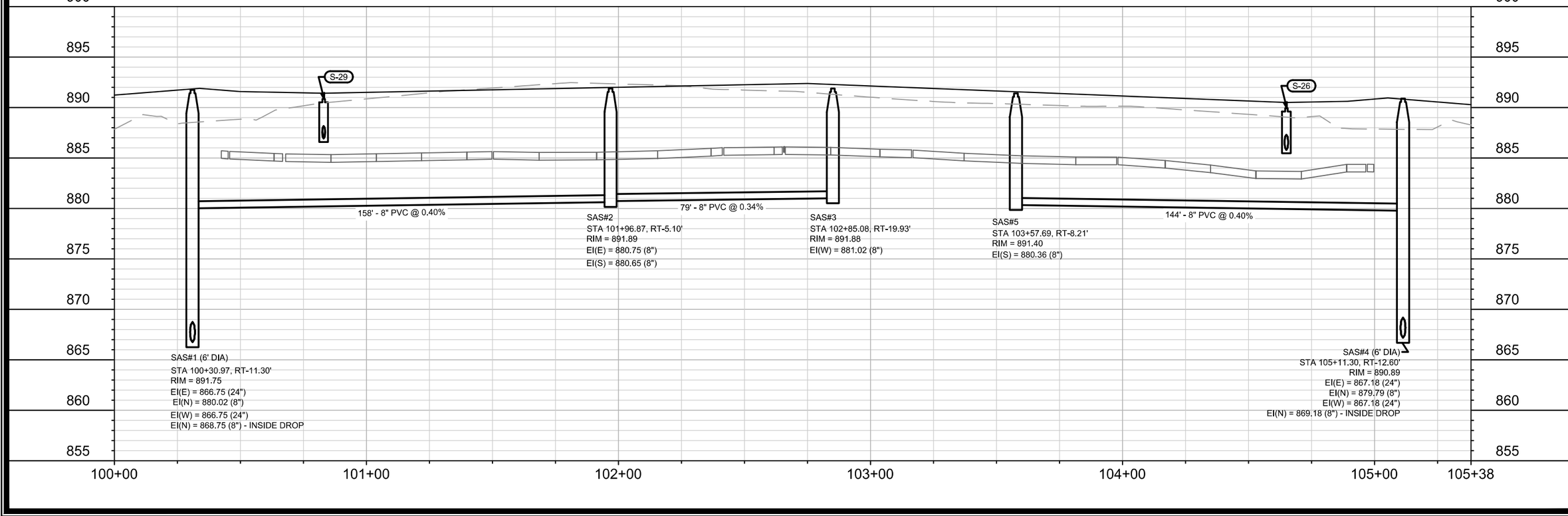

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MADISON, WI

8489

CONTRACT NO:

MADDY PASS - UTILITIES PLAN & PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

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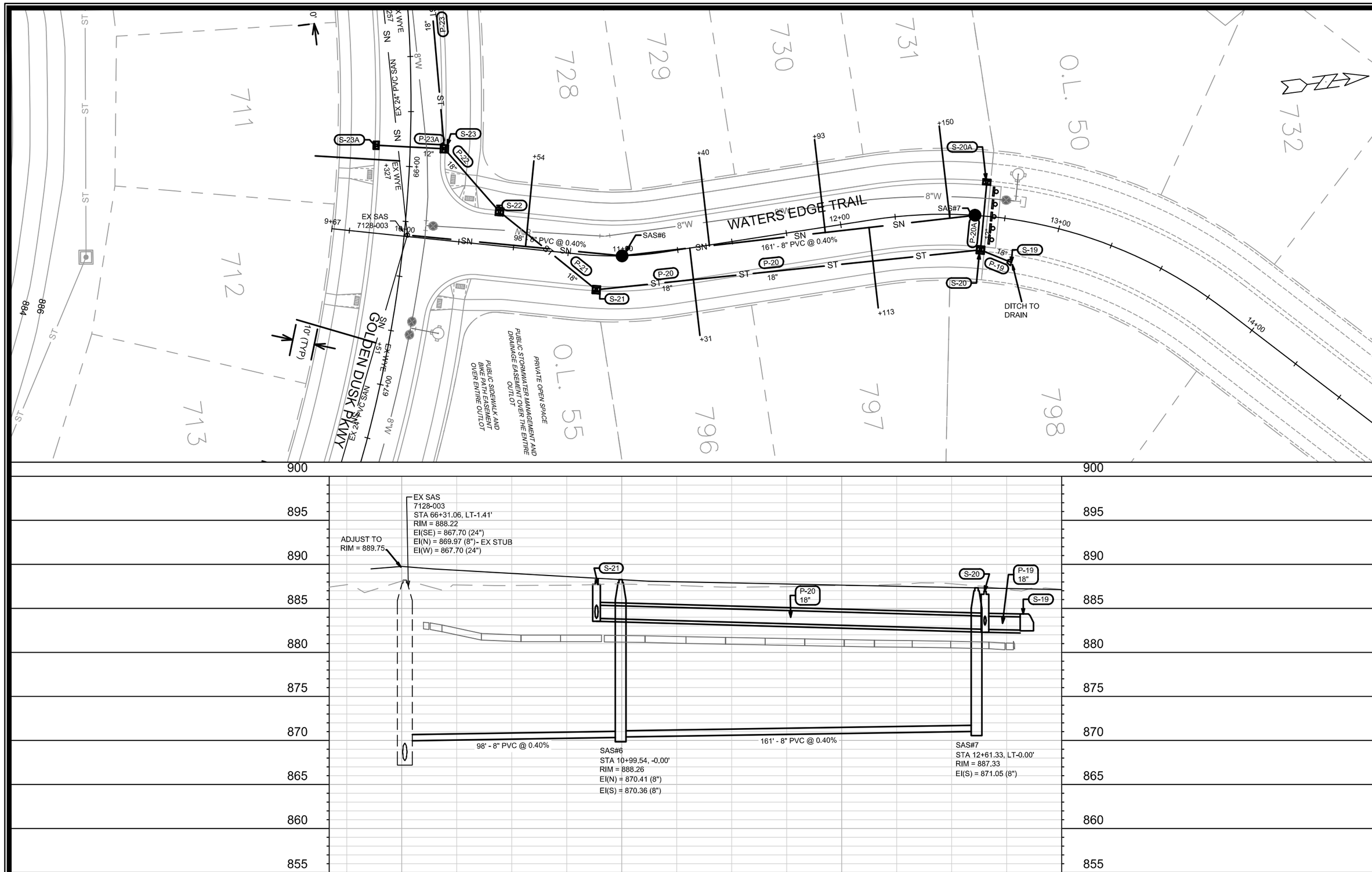

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MADISON, WI

CONTRACT NO: 8489

WATERS EDGE TRAIL - UTILITIES PLAN & PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

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VILLAGE AT AUTUMN LAKE PH 10 12714	SHEET NO. U-SAN
SANITARY SEWER SCHEDULE CITY OF MADISON	

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
MADDY PASS						
SAS#1	100+30.97	RT-11.30	891.75	866.76	24.99	6FT DIA SAS; (1)
SAS#2	101+96.87	RT-5.10	891.89	880.65	11.24	-
SAS#3	102+85.08	RT-19.93	891.88	881.02	10.86	-
SAS#4	105+11.30	RT-12.60	890.89	867.32	23.57	6FT DIA SAS; (1)
SAS#5	103+57.69	RT-8.21	891.40	880.36	11.04	-
WATERS EDGE TRAIL						
SAS#6	10+99.54	CL	888.26	870.36	17.90	-
SAS#7	12+61.33	CL	887.33	871.05	16.28	-

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	880.02	880.65	158	0.40%	8"	SDR- 35	-
SAS#2	SAS#3	880.75	881.02	68	0.40%	8"	SDR- 35	-
SAS#4	SAS#5	879.79	880.36	144	0.40%	8"	SDR- 35	-
EX SAS 7128-003	SAS#6	869.97	870.36	98	0.40%	8"	SDR- 26	-
SAS#6	SAS#7	870.41	871.05	161	0.40%	8"	SDR- 26	-

ADJUST SANITARY STRUCTURES

STRUC. ID NO.	STATION	LOCATION (OFFSET)	EX. RIM	PROP. RIM	NOTES
GOLDEN DUSK PKWY					
7128-002	62+69.46	LT-1.72	890.00	891.56	-
7128-003	66+31.06	LT-1.41	888.22	889.75	-
7129-001	68+51.43	LT-1.55	887.00	888.64	-

NOTES:

(1) CONSTRUCT INSIDE DROP

VILLAGE AT AUTUMN LAKE PHASE 10	SHEET NO.
PROJECT NO. 12714	U-STM
STORM SEWER SCHEDULE	
	CITY OF MADISON

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
GOLDEN DUSK PKWY							
S-1	61+00.00	RT-15.50	3X3 SAS	891.41	886.38	5.03	LP; W/ R-3067-7004-VB; (1)
S-2	61+00.00	LT-15.50	3X3 SAS	891.41	886.69	4.72	LP; W/ R-3067-7004-VB; (1)
S-23	65+91.40	LT-15.50	3X3 SAS	890.07	884.42	5.65	W/ R-3067-7004-V
S-23A	65+90.88	RT-15.50	H INLET	890.07	886.47	3.60	W/ R-3067-7004-V
S-24	64+28.65	LT-15.50	3X3 SAS	890.89	885.41	5.48	W/ R-3067-7004-V
S-24A	64+28.65	RT-15.50	H INLET	890.89	887.29	3.60	W/ R-3067-7004-V
S-27	63+50.27	LT-15.50	3X3 SAS	891.28	886.01	5.27	W/ R-3067-7004-V
S-28	62+60.36	LT-15.50	3X3 SAS	891.74	886.51	5.23	W/ R-3067-7004-V
S-30	71+33.00	RT-15.00	STORM TAP	-		-	
S-31	70+92.55	RT-15.50	3X3 SAS	887.09	882.79	4.30	W/ R-3067-7004-V
S-31A	70+84.62	LT-15.50	H INLET	887.07	884.07	3.00	W/ R-3067-7004-V
S-32	70+21.00	RT-15.50	H INLET	887.81	884.65	3.16	W/ R-3067-7004-V
S-32A	70+21.00	LT-15.50	H INLET	887.81	884.81	3.00	W/ R-3067-7004-V
S-40	71+48.94	RT-63.49	WINGWALL APRON	-	877.00	-	(2)
S-41	71+41.43	LT-66.83	WINGWALL APRON	-	877.00	-	(2)
MADDY PASS							
S-25	104+65.00	LT-1.50	3X3 SAS	890.89	885.64	5.25	LP; W/ R-3067-7004-VB
S-26	104+65.00	RT-25.50	3X3 SAS	890.41	885.81	4.60	LP; W/ R-3067-7004-VB; (1)
S-29	100+83.01	RT-25.50	3X3 SAS	891.32	886.92	4.40	LP; W/ R-3067-7004-VB; (1)
S-29A	100+82.96	LT-1.50	H INLET	891.80	888.20	3.60	LP; W/ R-3067-7004-VB
WATERS EDGE TRAIL							
S-19	12+81.14	RT-19.43	18" APRON END	-	882.53	-	W/ GATE
S-20	12+65.17	RT-15.50	3X3 SAS	887.42	882.62	4.80	W/ R-3067-7004-V
S-20A	12+65.39	LT-15.50	H INLET	887.41	883.81	3.60	W/ R-3067-7004-V
S-21	10+88.55	RT-15.50	3X3 SAS	888.52	883.87	4.65	W/ R-3067-7004-V
S-22	10+42.00	LT-15.50	3X3 SAS	889.19	884.19	5.00	W/ R-3067-7004-V

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	S-1	882.35	886.38	41	37	10.89%	18"	TYPE II	-
P-2	S-1	S-2	886.38	886.69	31	28	1.11%	18"	TYPE I	-
P-23	S-23	S-24	884.42	885.41	165	162	0.61%	18"	TYPE I	
P-23A	S-23	S-23A	884.92	886.47	31	29	5.34%	12"	TYPE I	
P-24	S-24	S-25	885.41	885.64	38	34	0.68%	18"	TYPE II	-
P-24A	S-24	S-24A	885.91	887.29	31	29	4.76%	12"	TYPE I	-
P-27	S-27	S-28	886.01	886.51	91	88	0.57%	18"	TYPE II	-
P-31	S-30	S-31	880.00	882.79	41	39	7.15%	18"	TYPE II	-
P-31A	S-31	S-31A	883.29	884.07	32	29	2.69%	12"	TYPE I	NCM
P-32	S-31	S-32	883.29	884.65	71	69	1.97%	12"	TYPE II	NCM
P-32A	S-32	S-32A	884.65	884.81	31	29	0.55%	12"	TYPE I	-
P-40	S-40	S-41	877.00	877.00	131	131	0.00%	12' X 5'	RCBC	(3); (4)
P-41	S-40	S-41	877.00	877.00	131	131	0.00%	12' X 5'	RCBC	(3); (4)
P-25	S-25	S-26	885.64	885.81	27	24	0.71%	18"	TYPE I	-
P-26	S-26	S-27	885.81	886.01	33	29	0.69%	18"	TYPE II	-
P-28	S-28	S-29	886.76	886.92	35	31	0.52%	15"	TYPE II	-
P-29	S-29	S-29A	887.17	888.20	27	24	4.29%	12"	TYPE I	-
P-19	S-19	S-20	882.53	882.62	15	14	0.64%	18"	TYPE II	-
P-20	S-20	S-21	882.62	883.87	176	173	0.72%	18"	TYPE I	-
P-20A	S-20	S-20A	883.12	883.81	31	29	2.38%	12"	TYPE I	-
P-21	S-21	S-22	883.87	884.19	57	53	0.60%	18"	TYPE I	-
P-22	S-22	S-23	884.19	884.42	38	34	0.68%	18"	TYPE II	-

SPECIFIC NOTES:

(1) INSTALL LOW POINT PVC DRAIN; PER 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

ADJUST STORM STRUCTURES

STRUC. ID NO.	STATION	LOCATION (OFFSET)	EX. RIM	PROP. RIM	NOTES
GOLDEN DUSK PKWY					
EX MH S-52	61+31.30	RT-41.40	884.52	890.36	-

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.

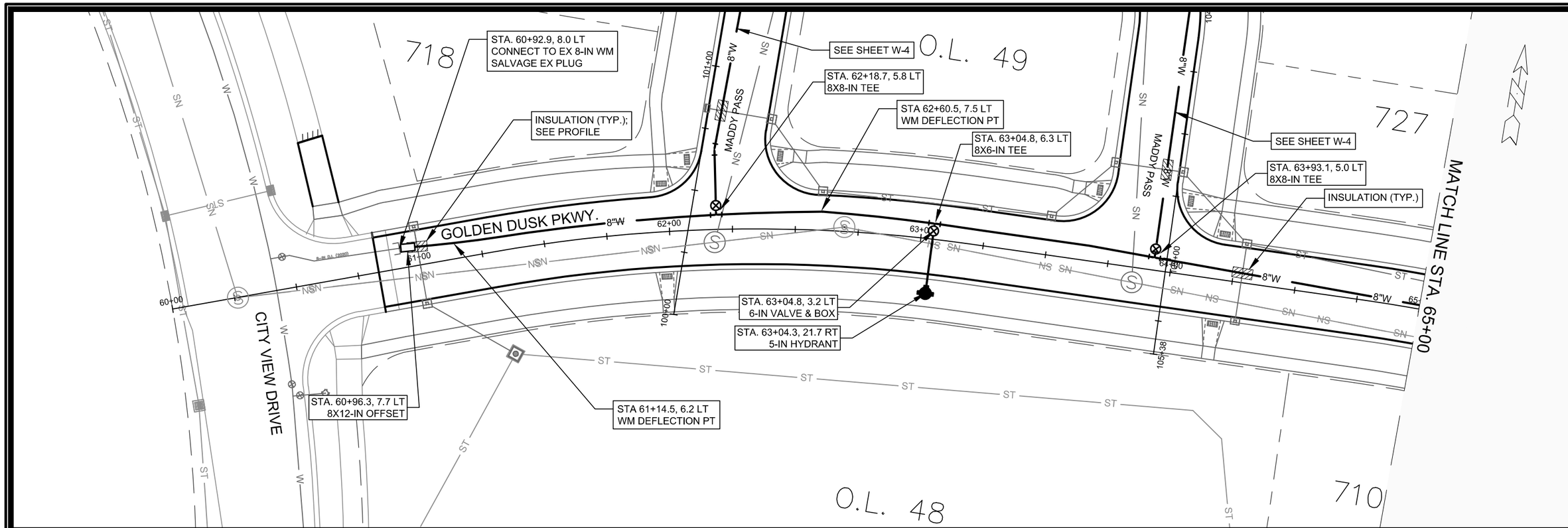
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

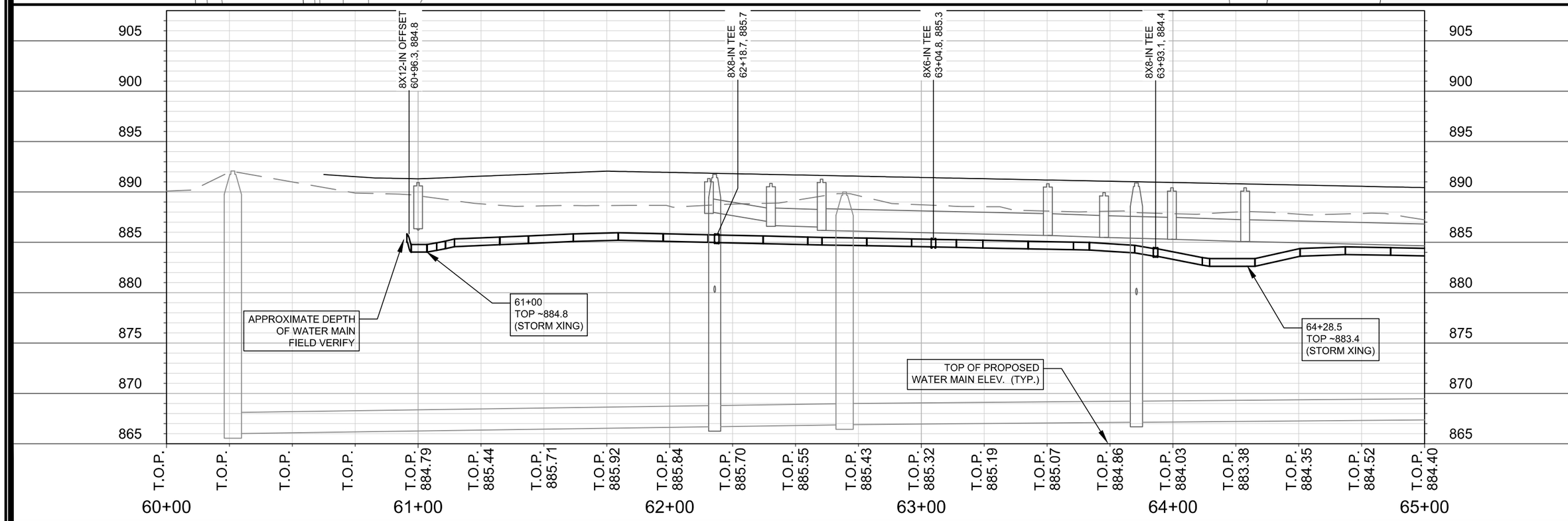
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-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





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MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 11/15/21

CONTRACT NO: 8489

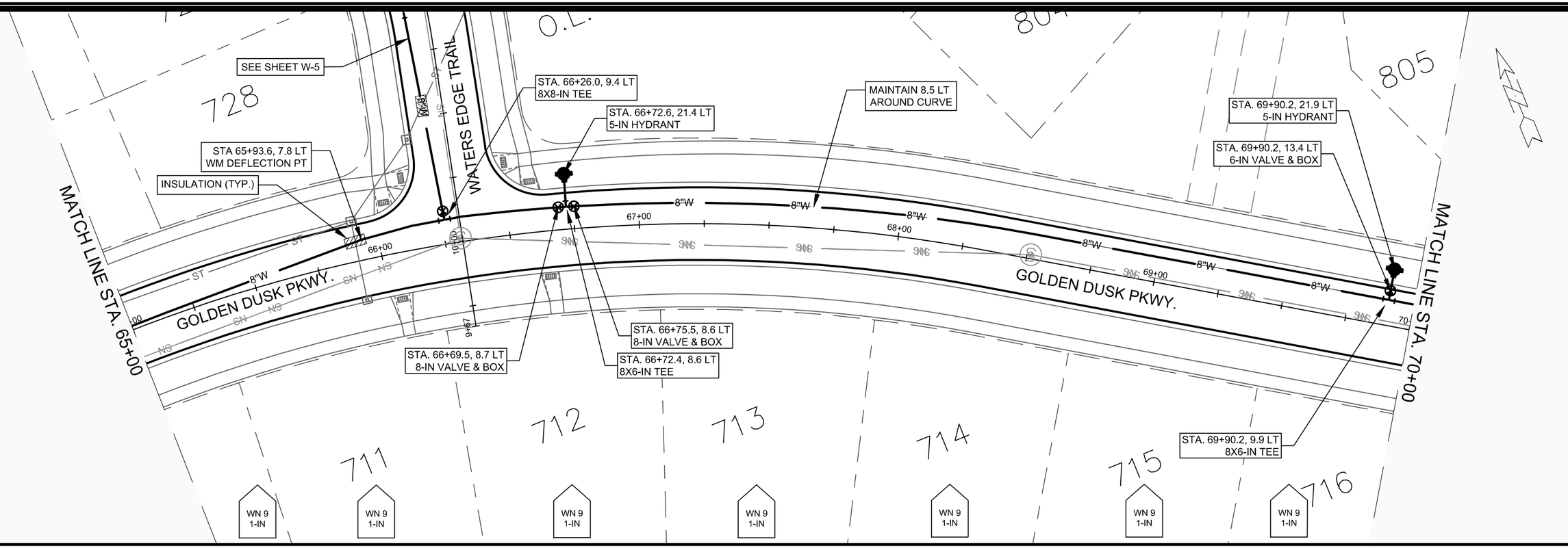
GOLDEN DUSK PKWY - WATER PLAN AND PROFILE

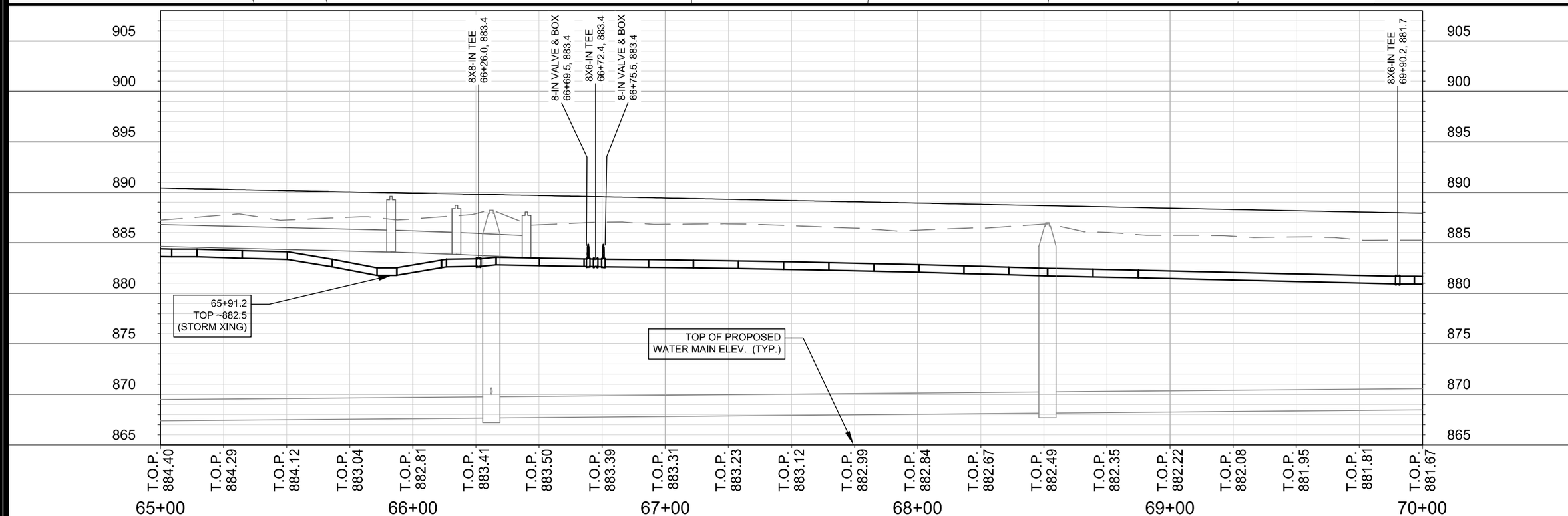
VILLAGE AT AUTUMN LAKE PHASE 10

CITY OF MADISON, WISCONSIN

12714

W-1





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119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 11/15/21

CONTRACT NO: 8489

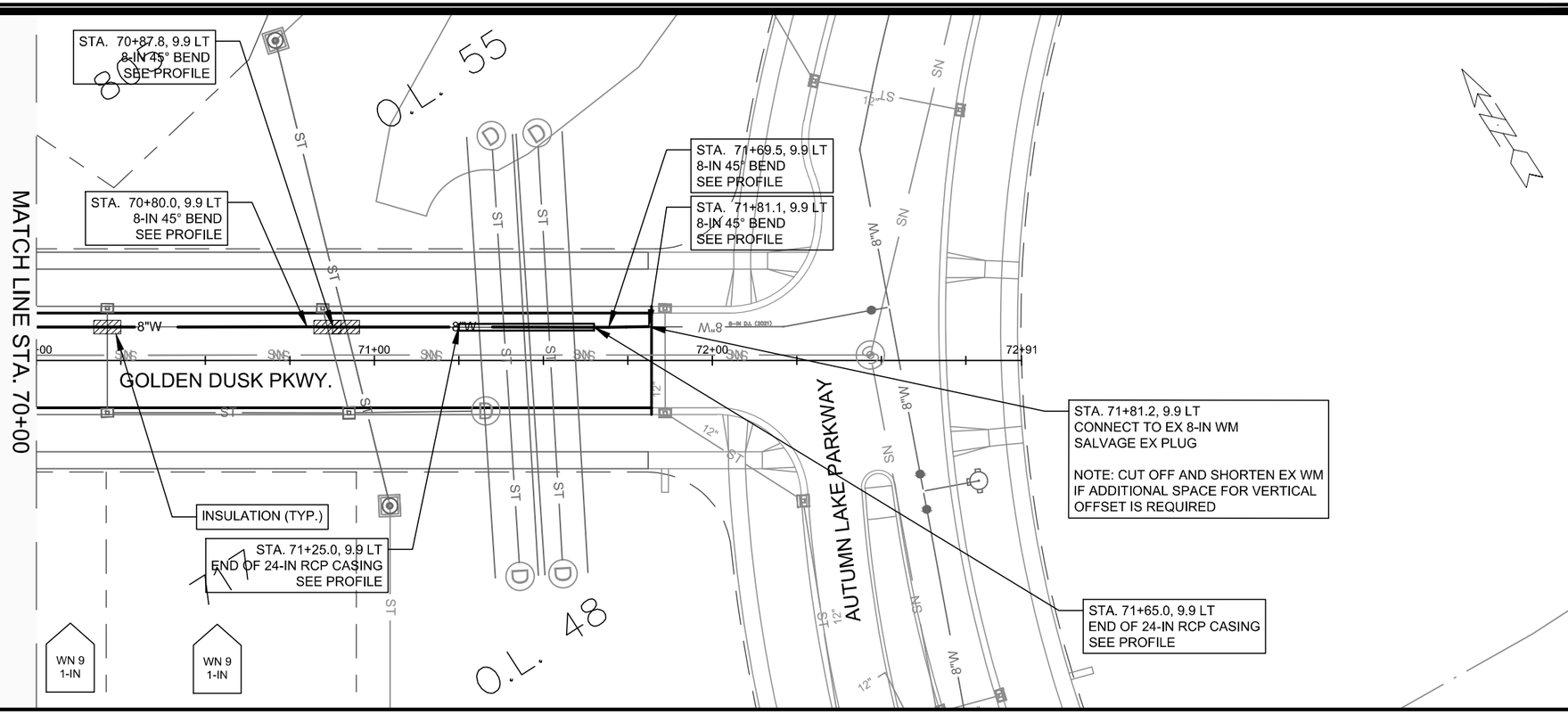
GOLDEN DUSK PKWY - WATER PLAN AND PROFILE

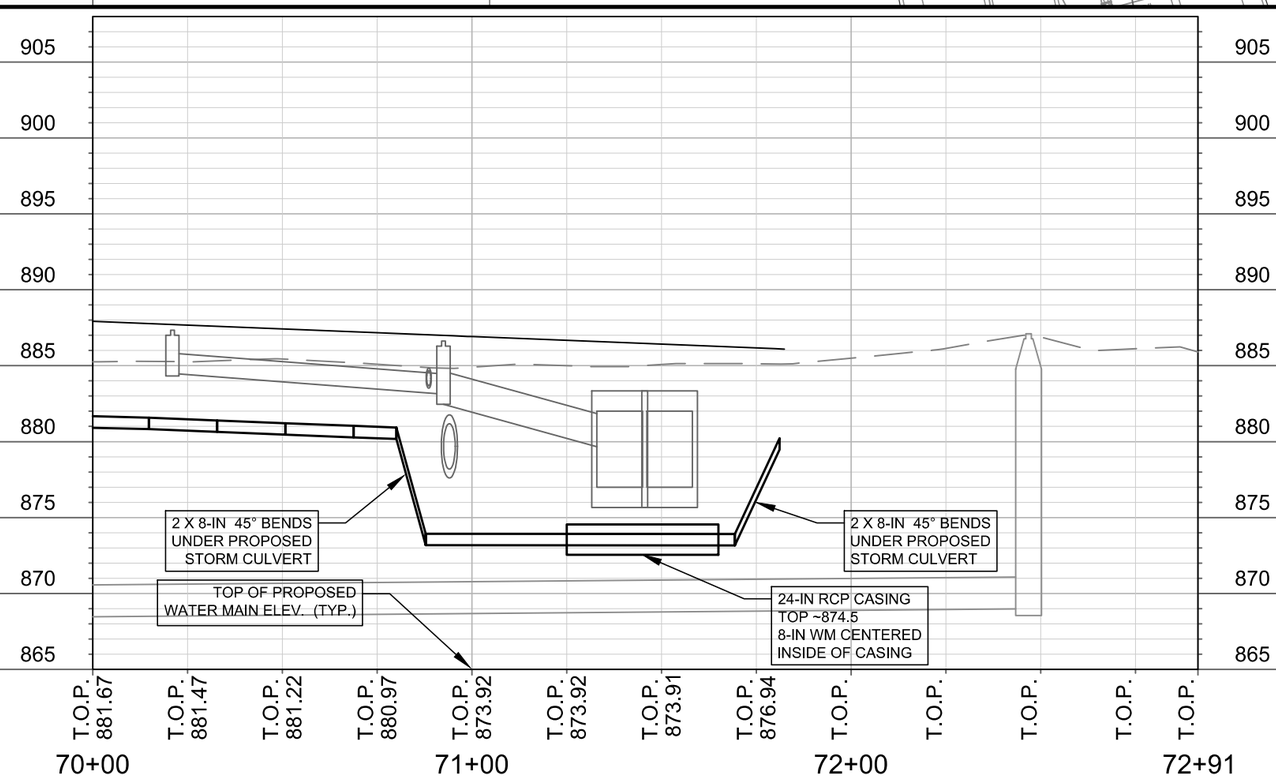
VILLAGE AT AUTUMN LAKE PHASE 10

CITY OF MADISON, WISCONSIN

12714

W-2





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MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 11/15/21

CONTRACT NO: 8489

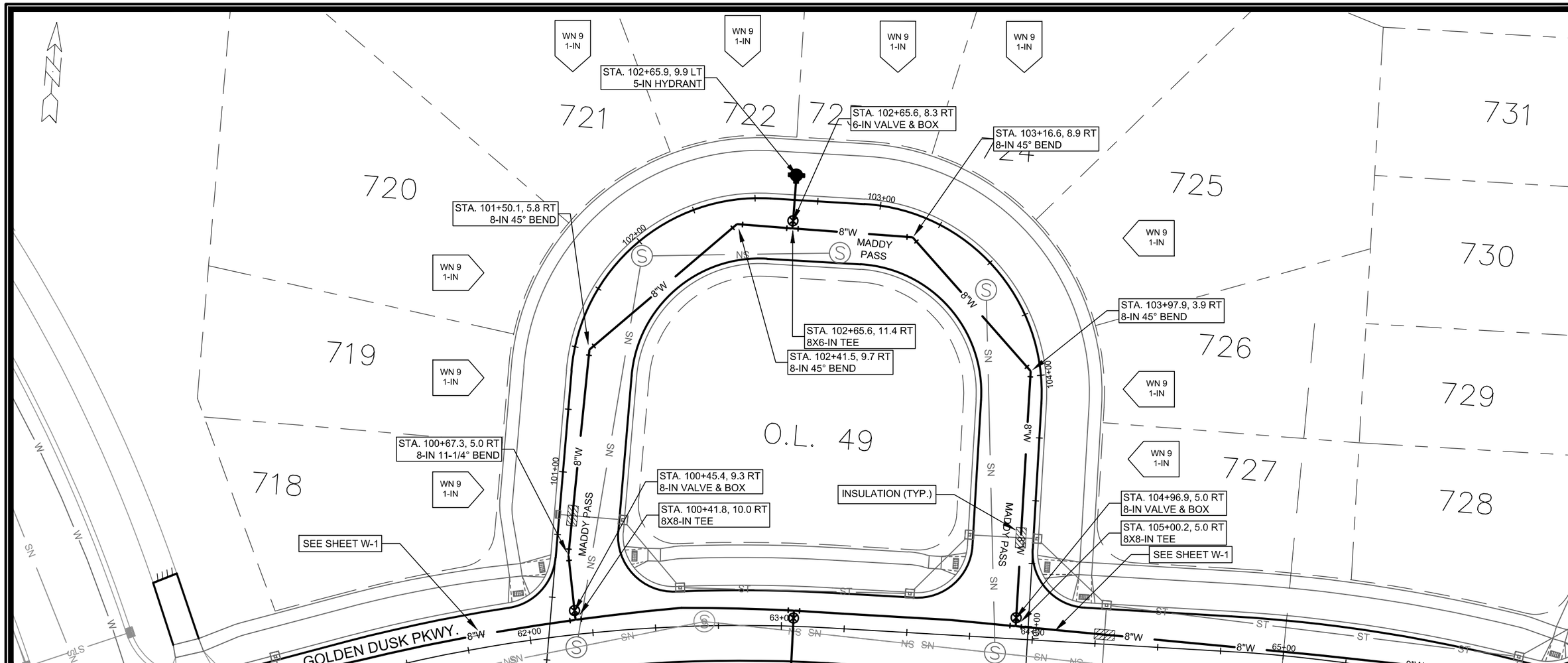
GOLDEN DUSK PKWY - WATER PLAN AND PROFILE

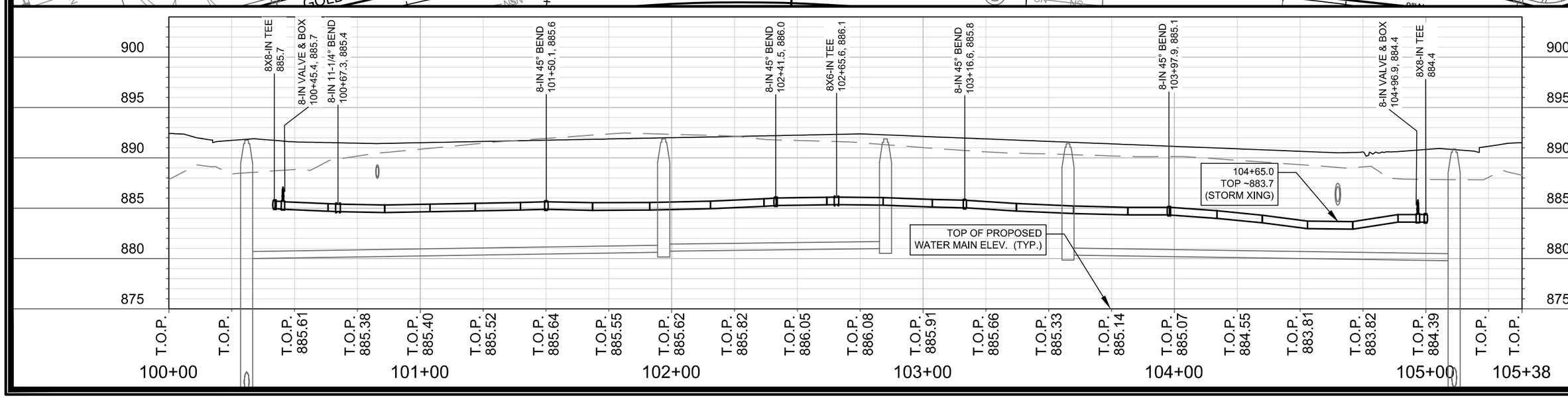
VILLAGE AT AUTUMN LAKE PHASE 10

CITY OF MADISON, WISCONSIN

12714

W-3





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DESIGNED BY: PEH
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 11/15/21

CONTRACT NO: 8489

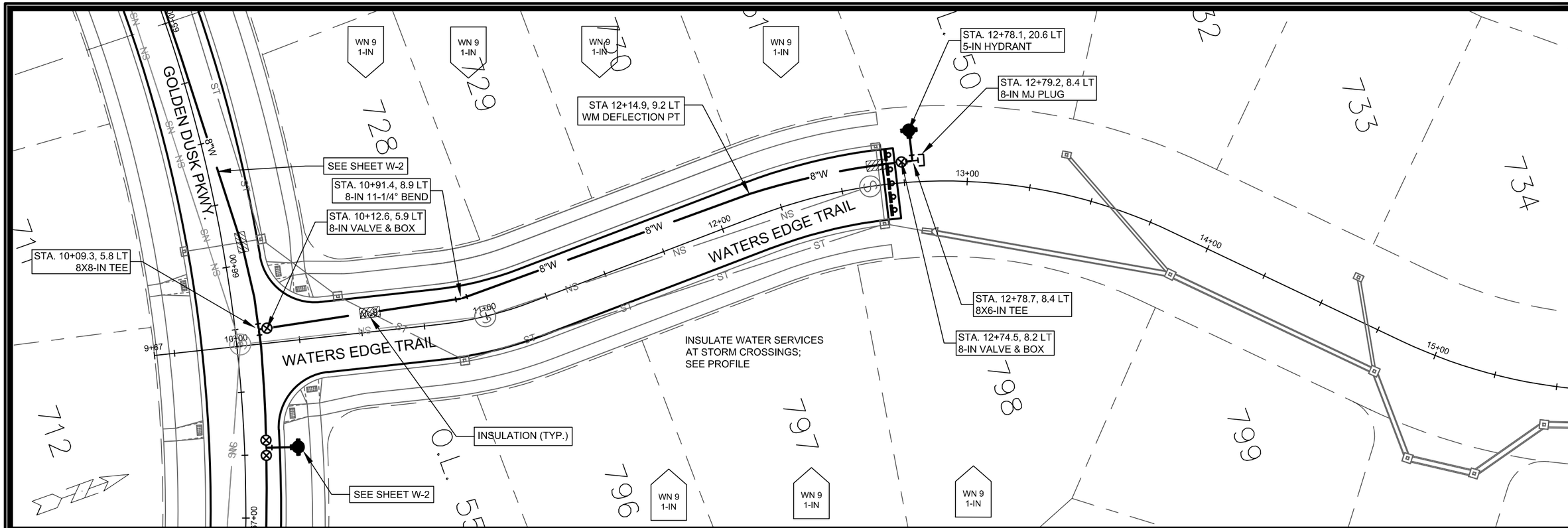
MADDY PASS - WATER PLAN AND PROFILE

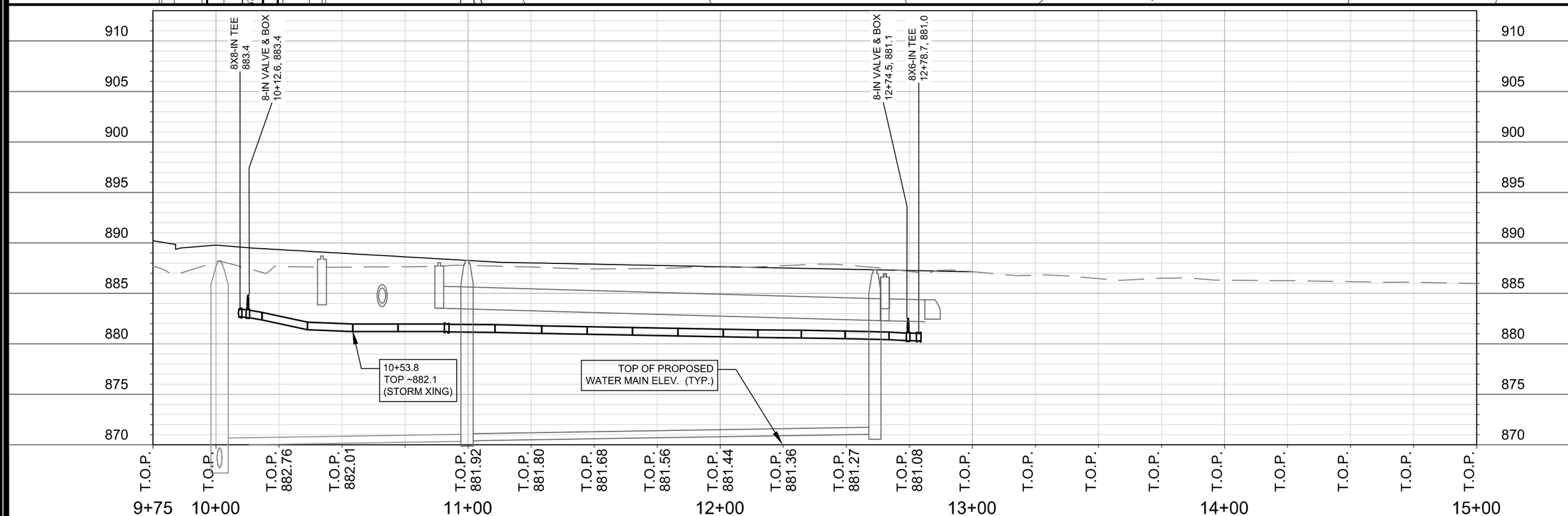
VILLAGE AT AUTUMN LAKE PHASE 10

CITY OF MADISON, WISCONSIN

12714

W-4





SCALE: 1:40
DESIGNED BY: PEH
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 11/15/21

CONTRACT NO: 8489

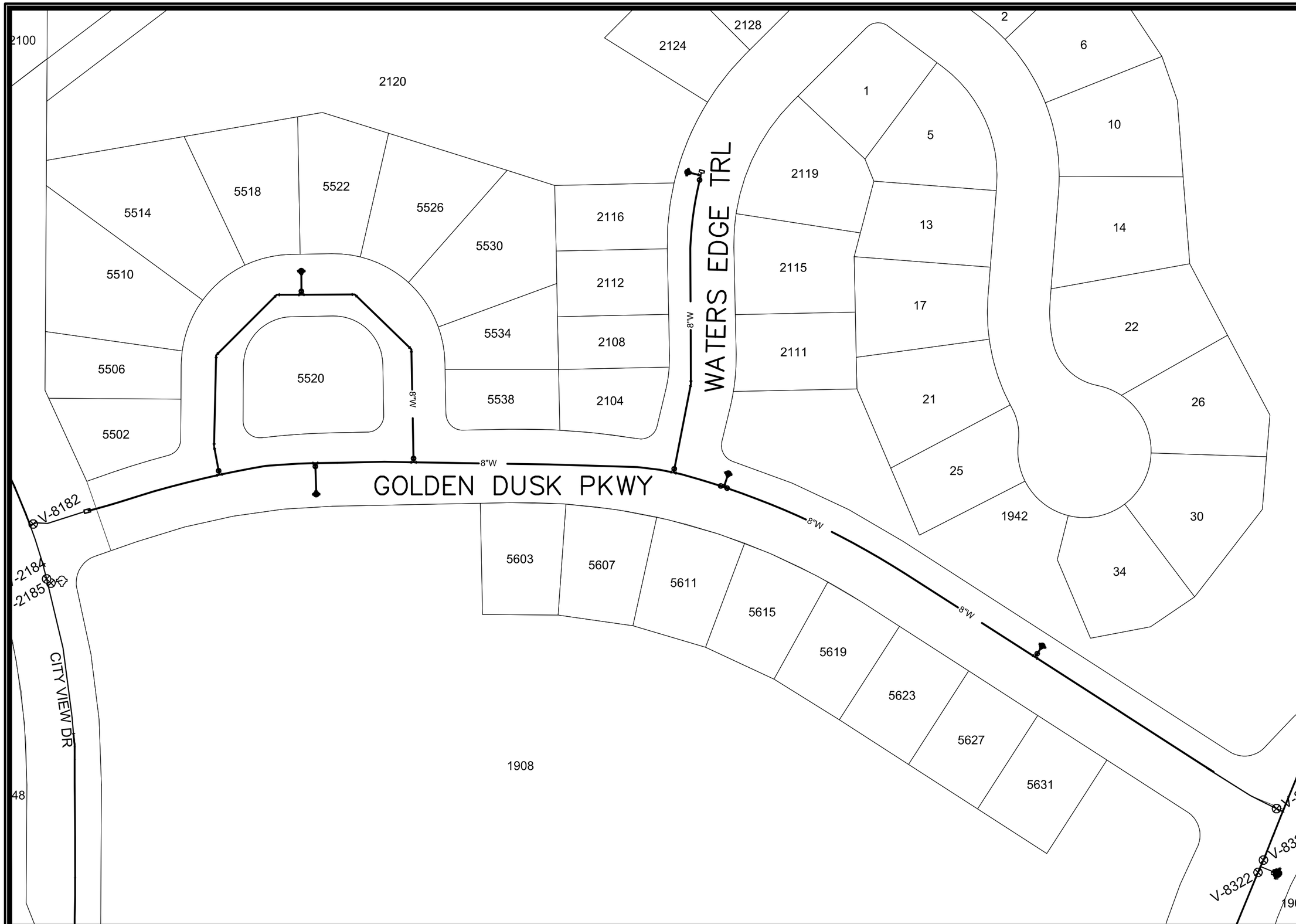
WATERS EDGE TRAIL - WATER PLAN AND PROFILE

VILLAGE AT AUTUMN LAKE PHASE 10

CITY OF MADISON, WISCONSIN

12714

W-5



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

SCALE: 1" = 80'
DESIGNED BY: PEH
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 7/27/21

CONTRACT NO: 8489

Madison Water Utility

VILLAGE AT AUTUMN LAKE PHASE 10

WATER IMPACT PLAN

CITY OF MADISON, WISCONSIN

12714

W-6

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Madison Water Utility

CONSTRUCTION NOTES:

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

WN1	REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
WN-2	EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
WN-3	EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
WN-4	DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
WN-5	RELOCATE THE EXISTING FIRE HYDRANT.
WN-6	ABANDON WATER VALVE ACCESS STRUCTURE.
WN-7	FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
WN-8	ABANDON THE VALVE BOX.
WN-9	FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
WN-10	REMOVE AND SALVAGE EXISTING HYDRANT
WN-11	REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
WN-20+	SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

WATER UTILITY ULO SCHEDULE

N/A

*ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

DESCRIPTION	QUANTITY	UNIT
6-INCH PIPE & FITTINGS	90	LNFT
8-INCH PIPE & FITTINGS	1800	LNFT
6-INCH WATER VALVE	3	EACH
8-INCH WATER VALVE	6	EACH
24-IN RCP CASING	40	LNFT
HYDRANT	5	EACH
1-INCH SERVICE LATERAL	26	EACH
STYROFOAM INSULATION BOARD	8	EACH
8-IN MJ PLUG	1	EACH
8-IN 45° BEND	8	EACH
8-IN 11-1/4° BEND	2	EACH
8X6-IN TEE	5	EACH
8X8-IN TEE	3	EACH
8X12-IN OFFSET	1	EACH

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

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

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

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

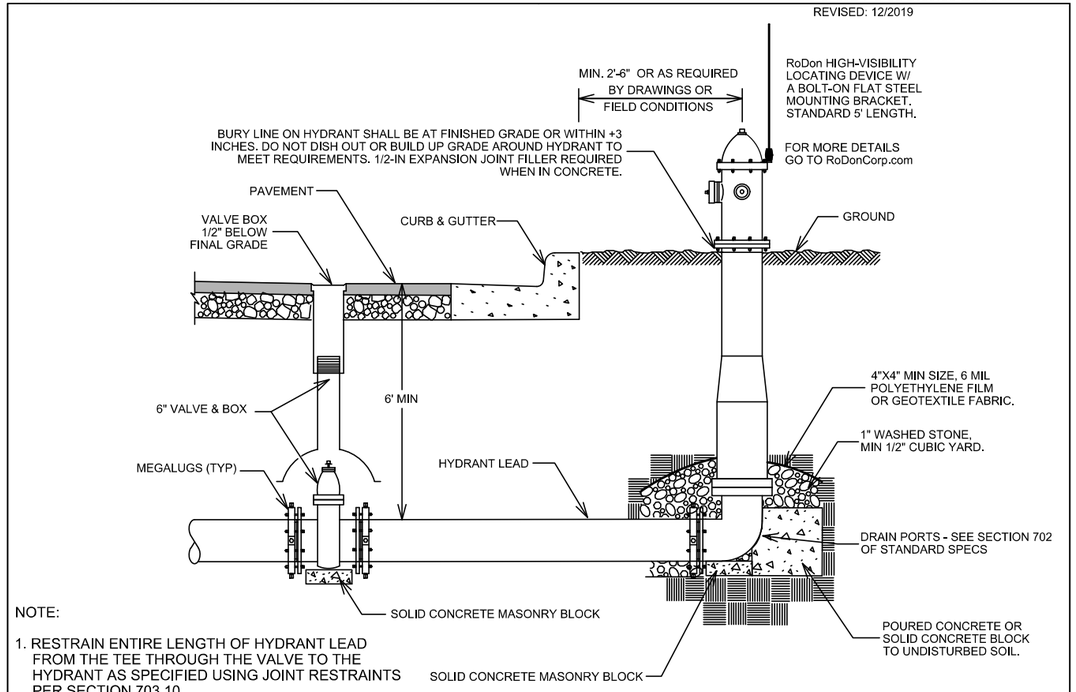
MEMBER ONE CALL SYSTEMS INTERNATIONAL

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

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. **7.04**

REVISED: 12/2019



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

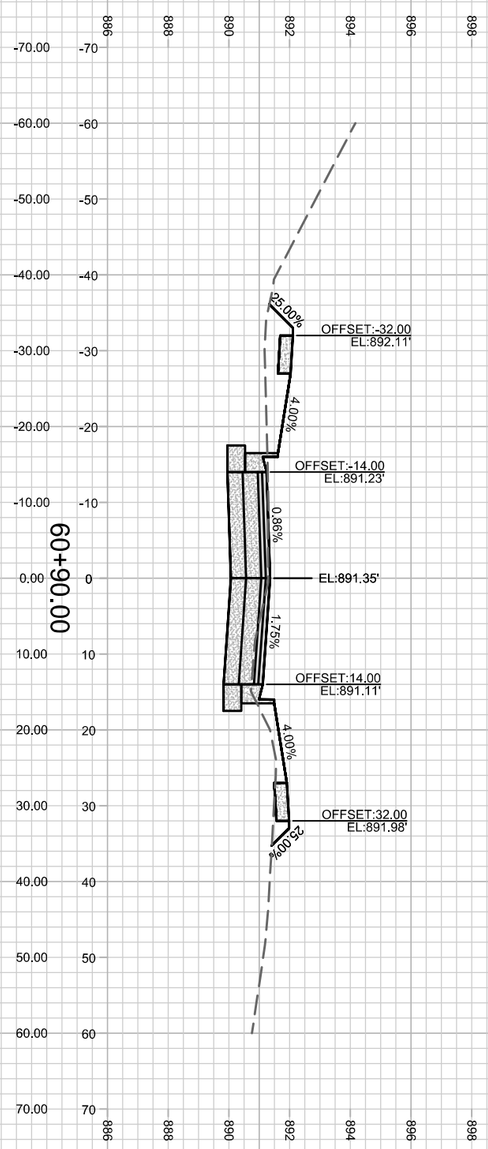
SCALE: N/A
DESIGNED BY: PEH
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 11/4/21

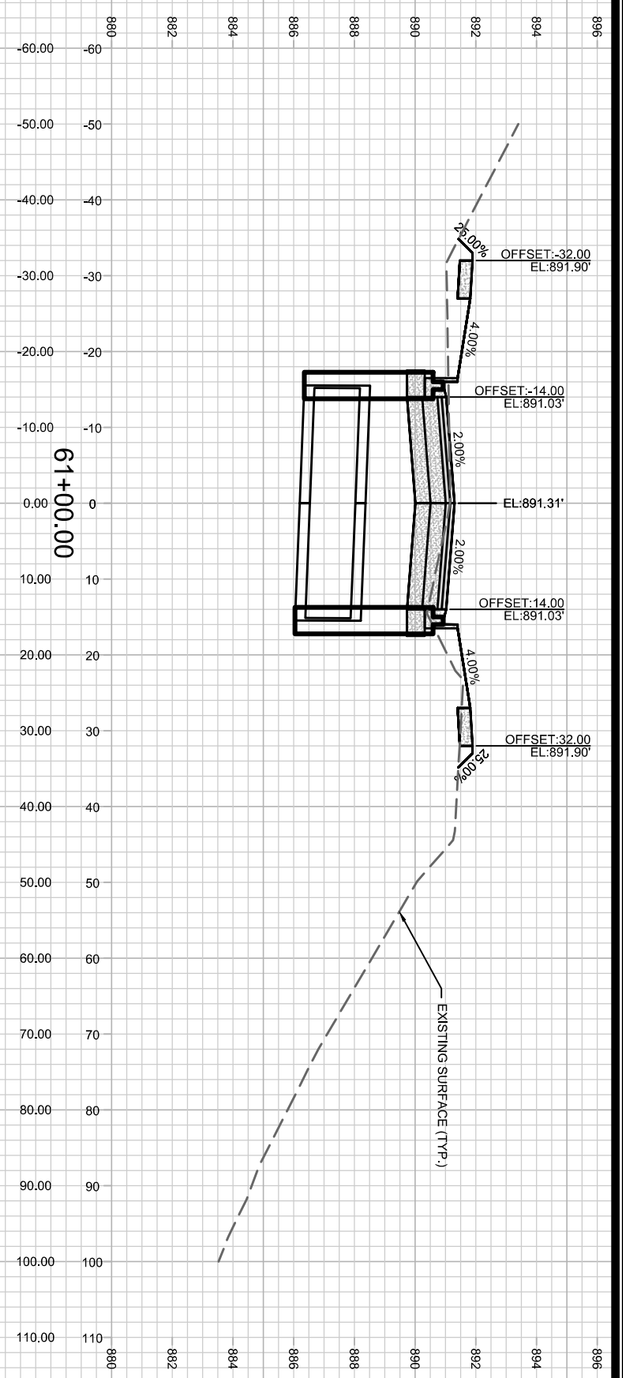
CONTRACT NO: 8489

VILLAGE AT AUTUMN LAKE PHASE 10
WATER ESTIMATE OF MATERIALS
CITY OF MADISON, WISCONSIN

12714
W-7

M:\DESIGN\PROJECTS\12714\CAD\WATER\12714 MATERIALS.DWG





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		VILLAGE AT AUTUMN LAKE PHASE 10	MADISON, WI		
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MARK	REVISION	DATE	BY
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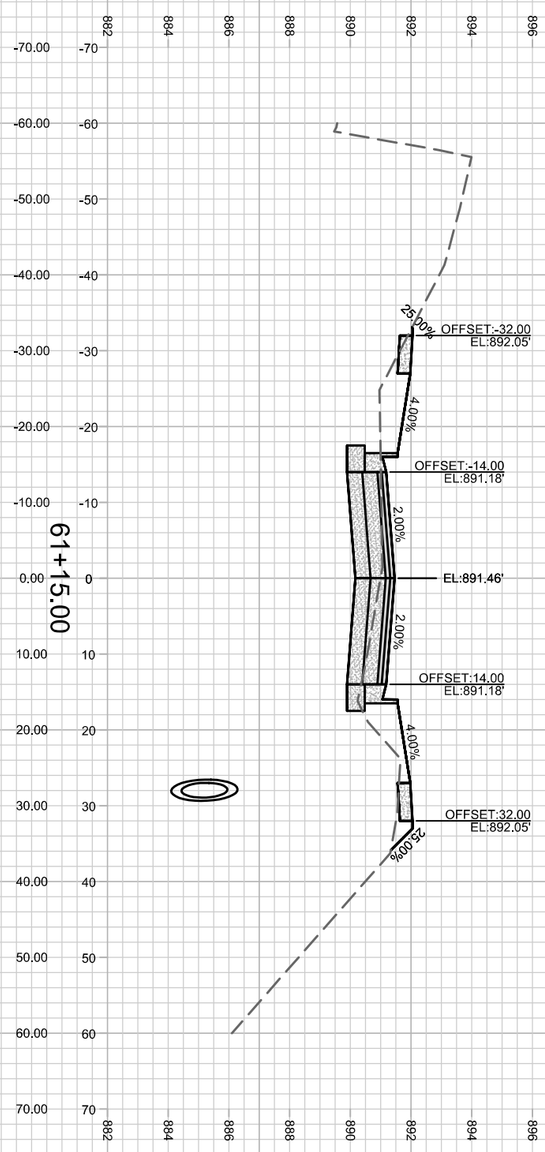
12714		X-1



GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg	CONTRACT NO:	8489	

MARK	REVISION	DATE	BY
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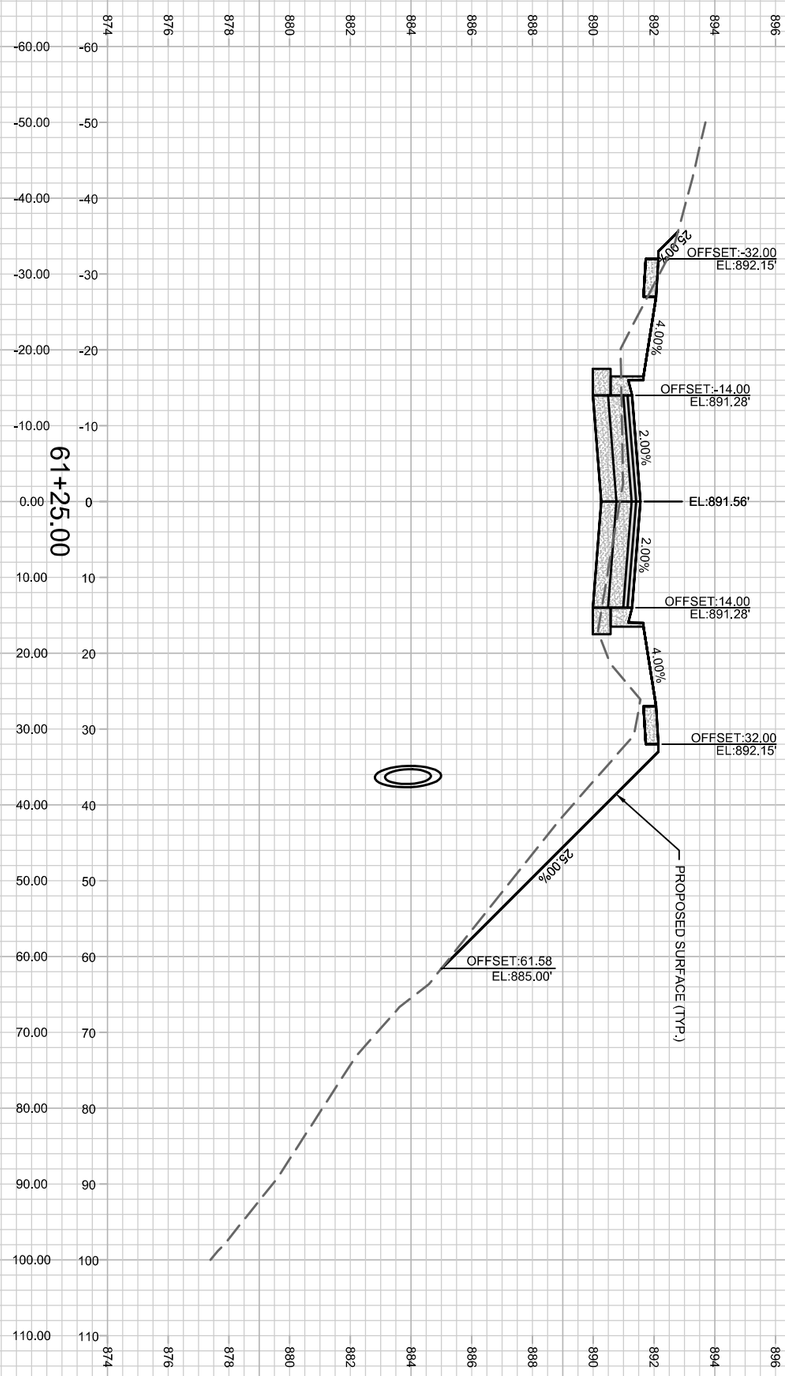
Designed By: LMC | Date: 11/17/2021 3:07 PM | Scale: ########

12714 | X-2

12714 X-2



X-3	12714	GOLDEN DUSK PARKWAY - CROSS SECTION	12714	---	---
		VILLAGE AT AUTUMN LAKE PHASE 10	MADISON, WI	---	---
		M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg	CONTRACT NO: 8489	---	---

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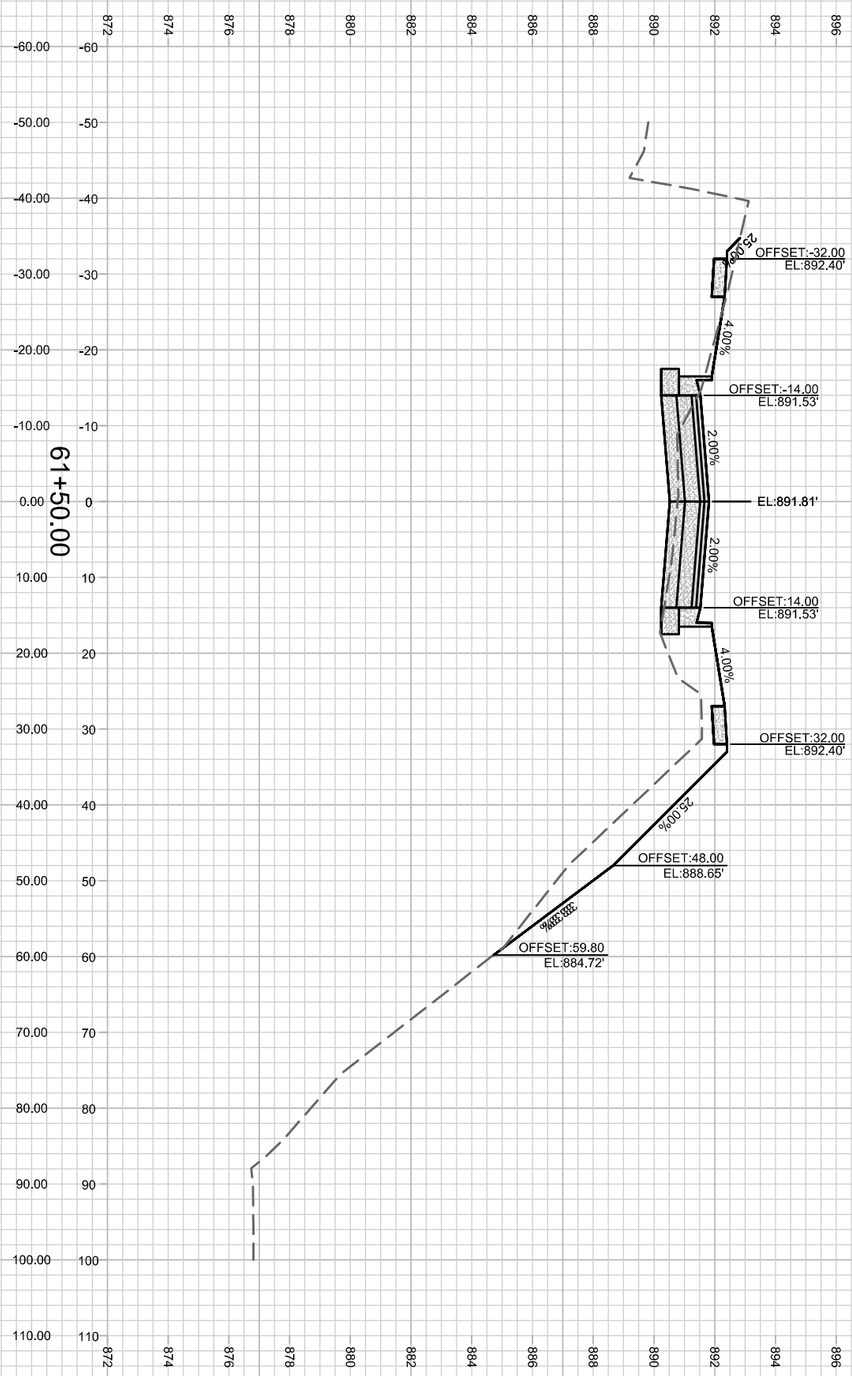
12714		X-3



GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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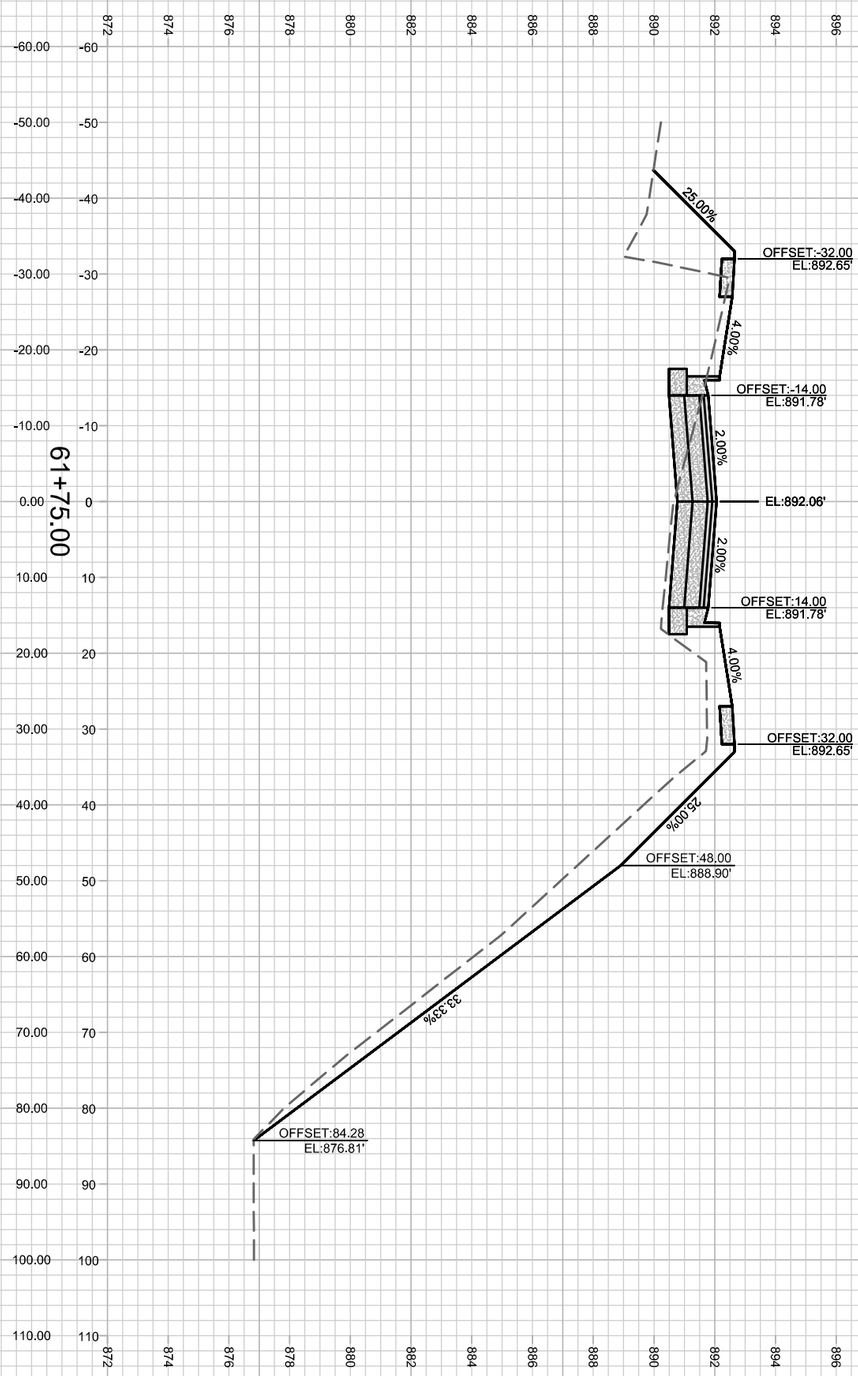
12714 X-4

12714 X-4



GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
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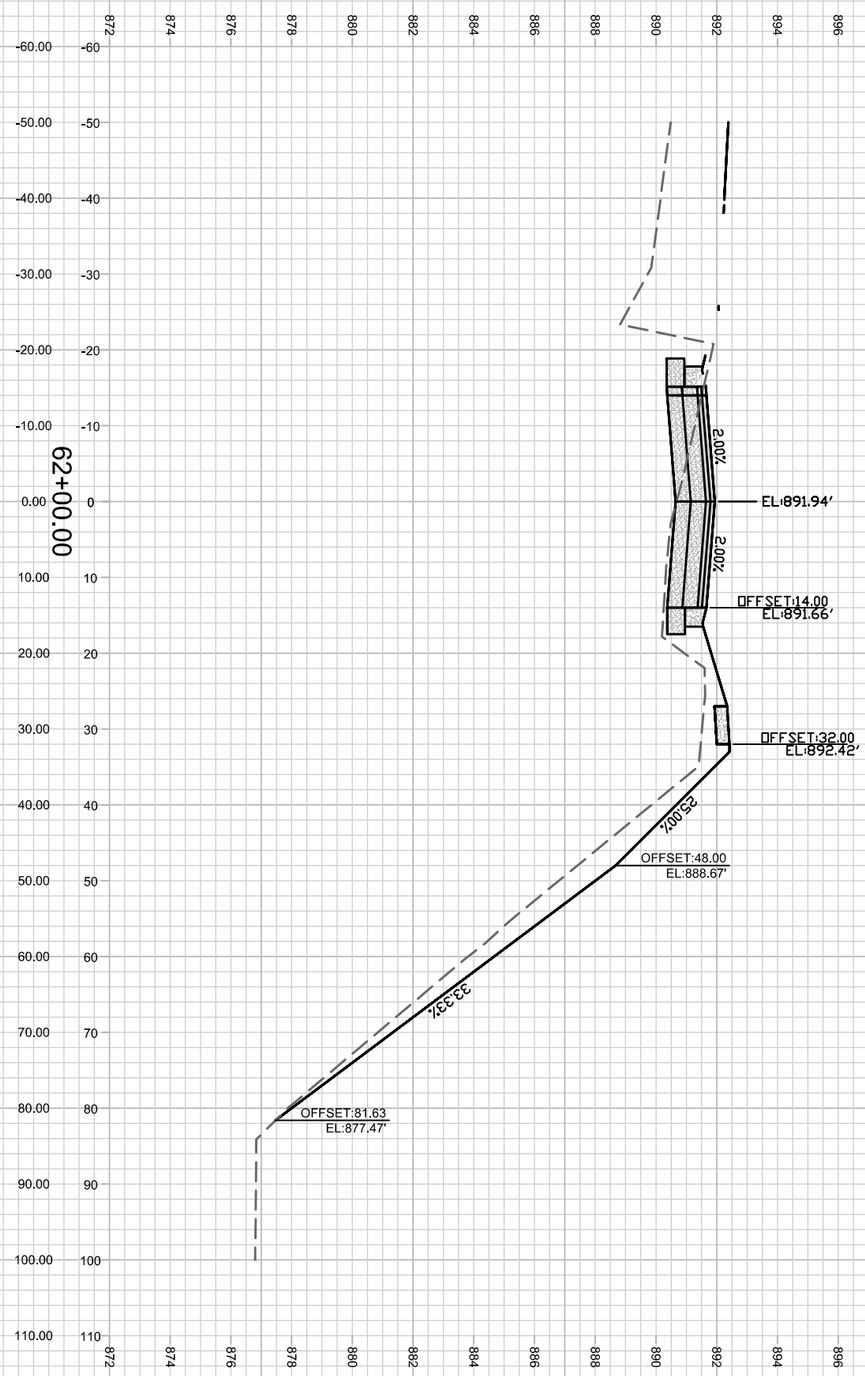
12714 | X-5

12714 X-5



X-6

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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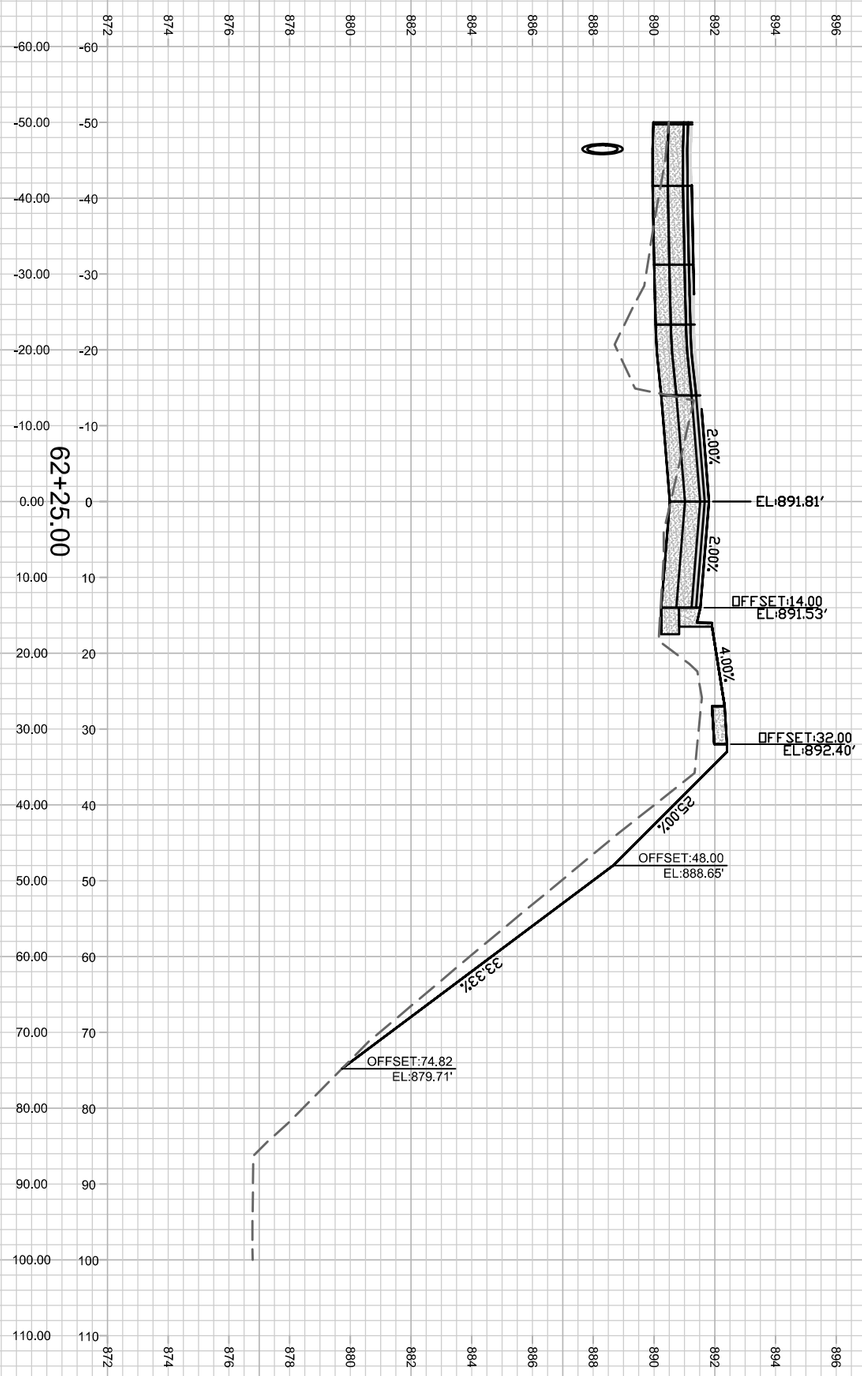
12714 X-6



GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
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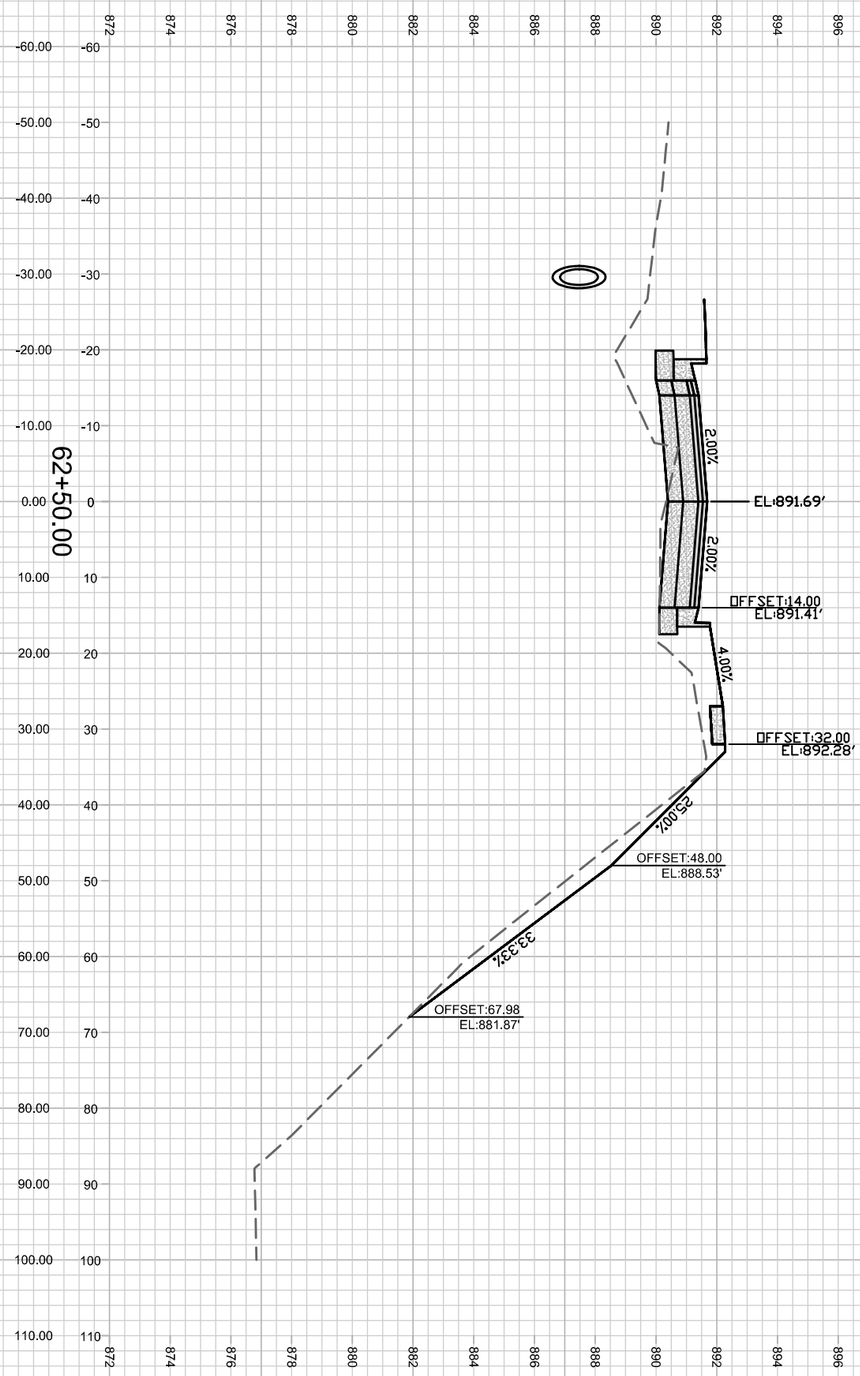
12714 | X-7

12714 X-7



GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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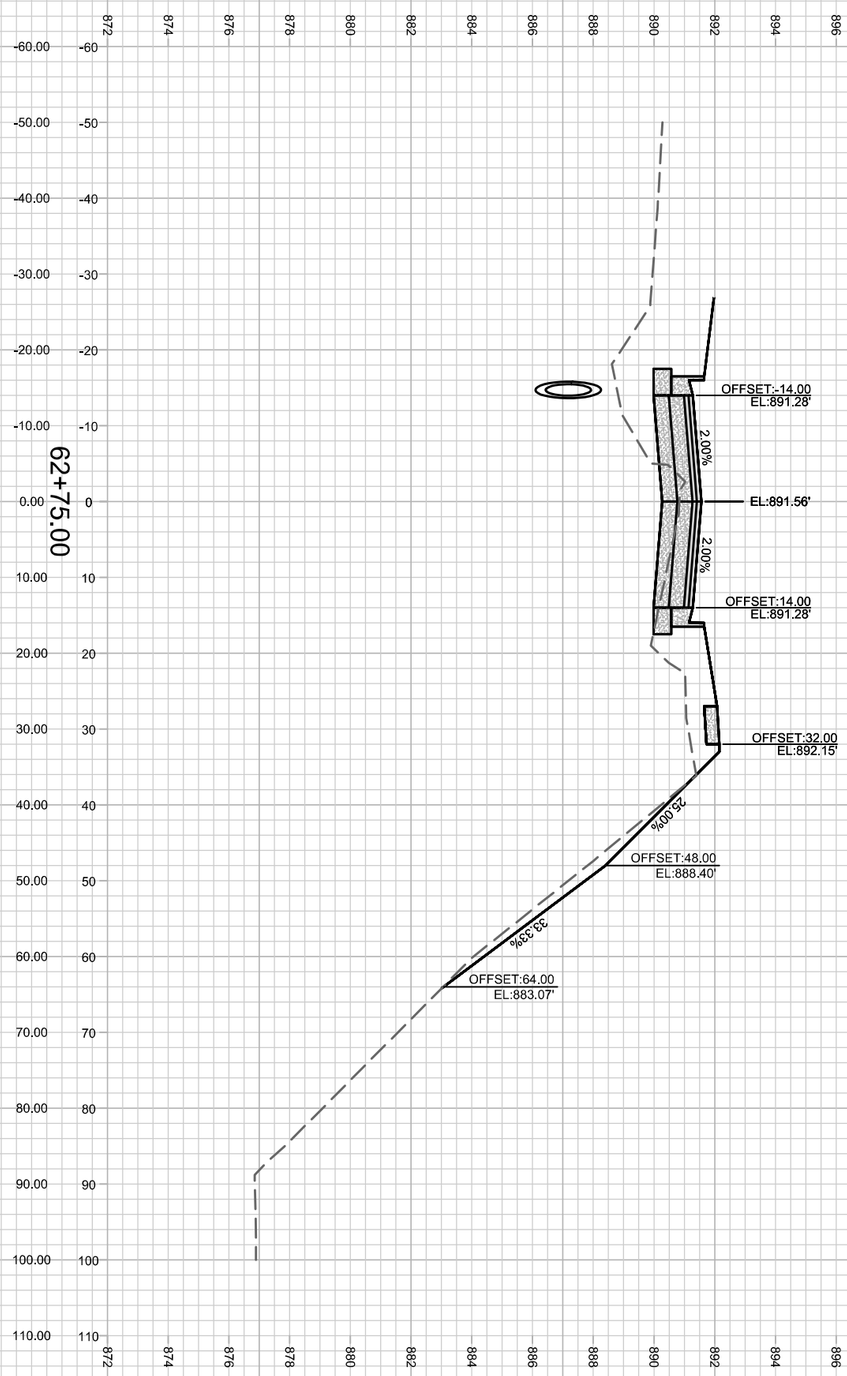
12714 X-8

12714 X-8



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VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg	CONTRACT NO:	8489	

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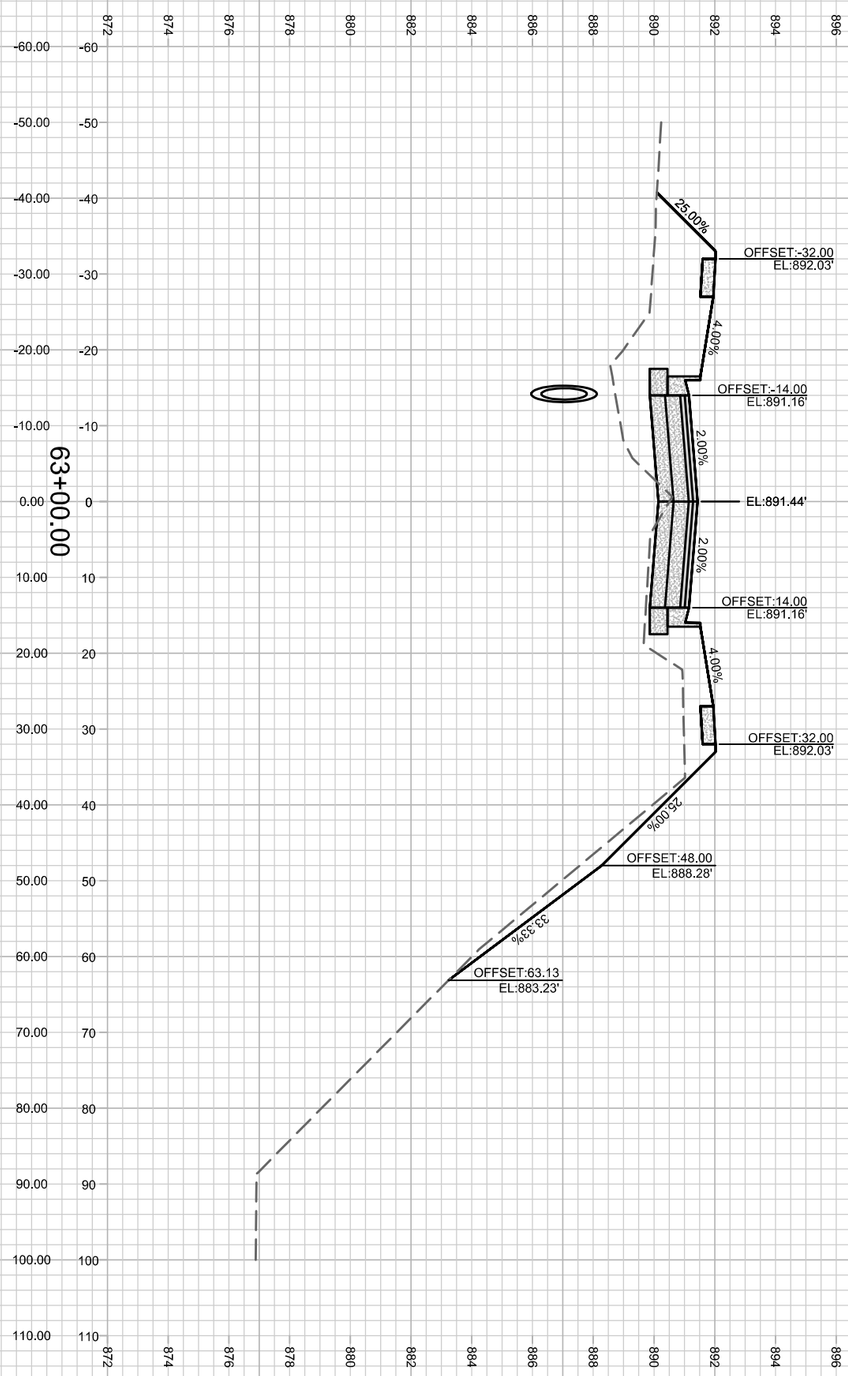
12714 | X-9

12714 X-9



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VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
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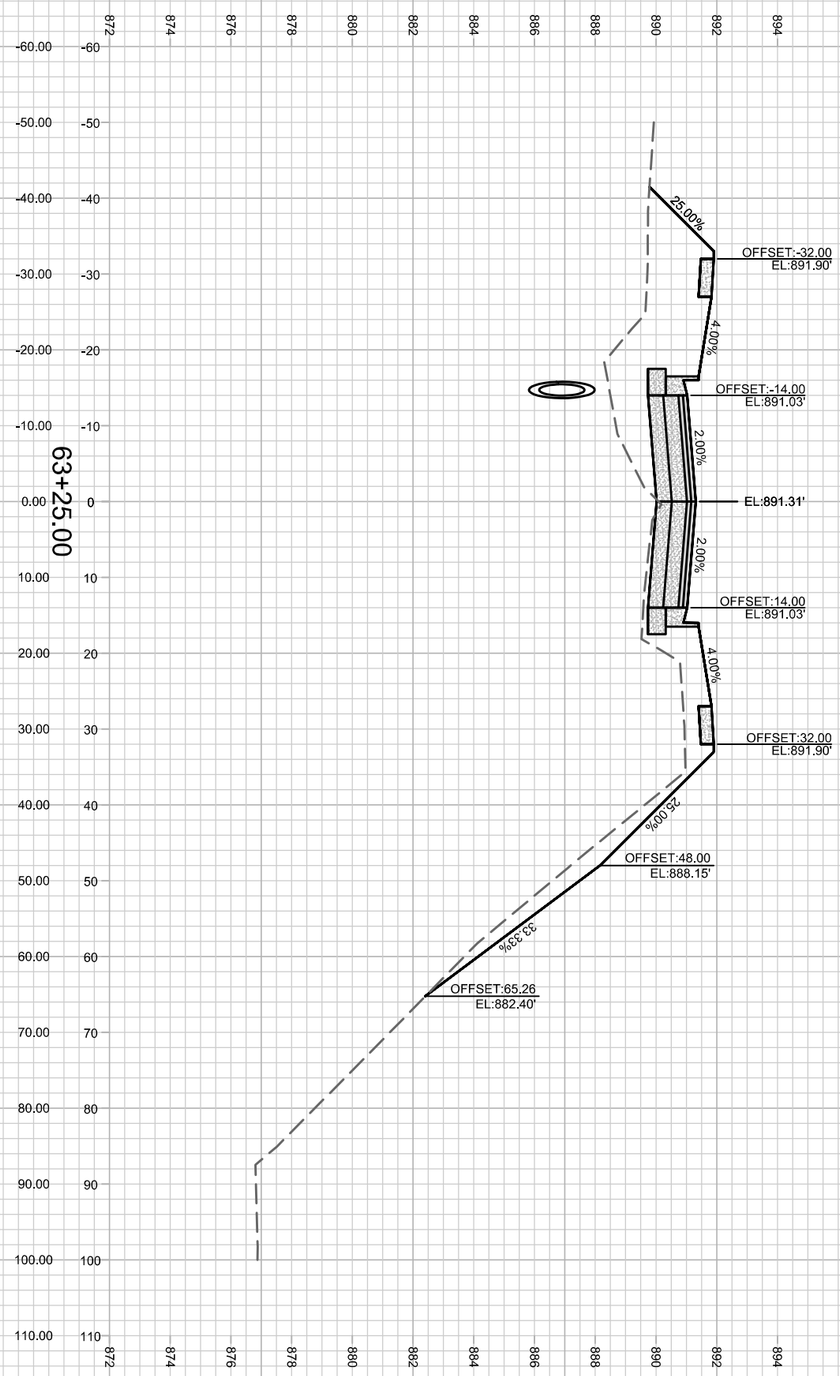
12714 | X-10

12714 X-10



GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
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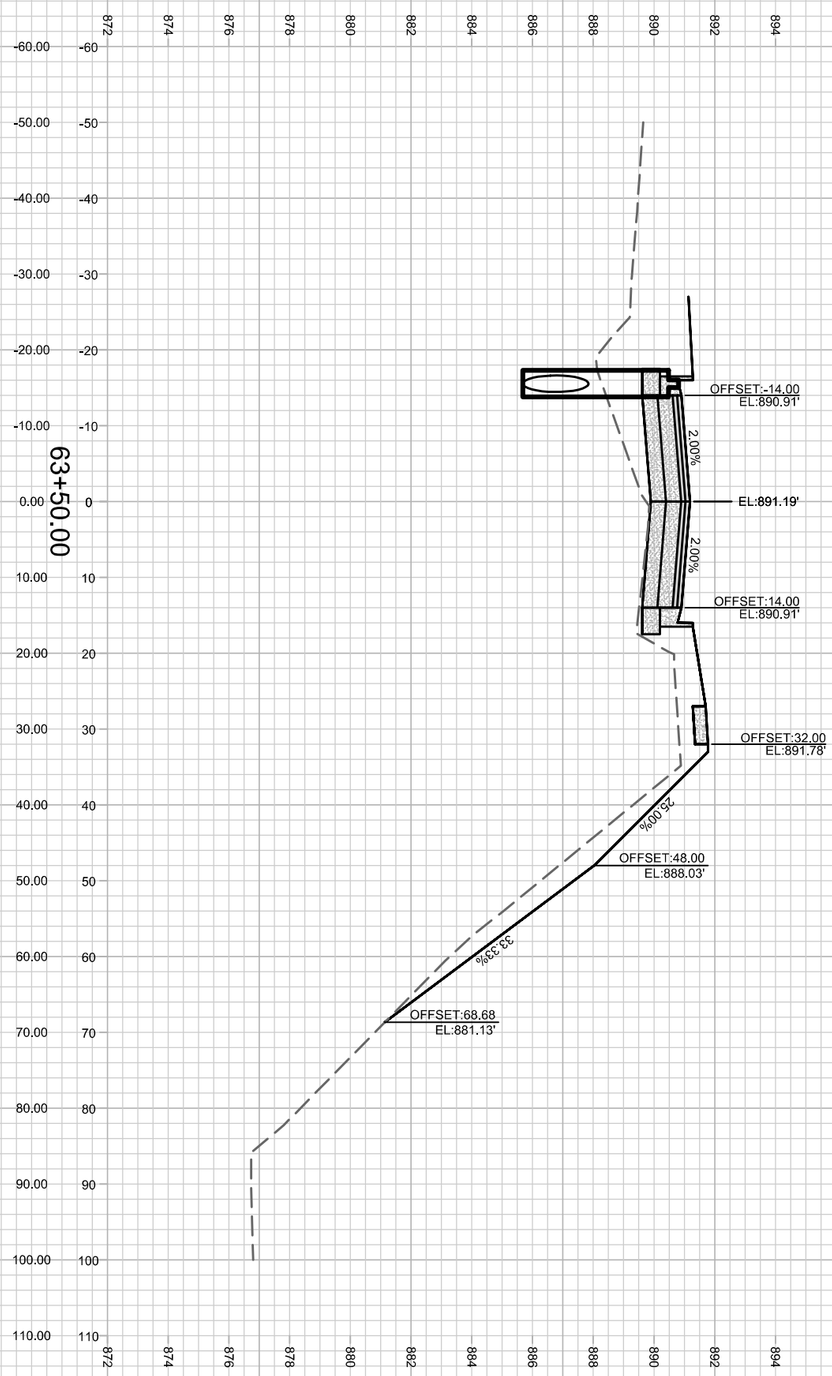
12714		X-11

12714
X-11



GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
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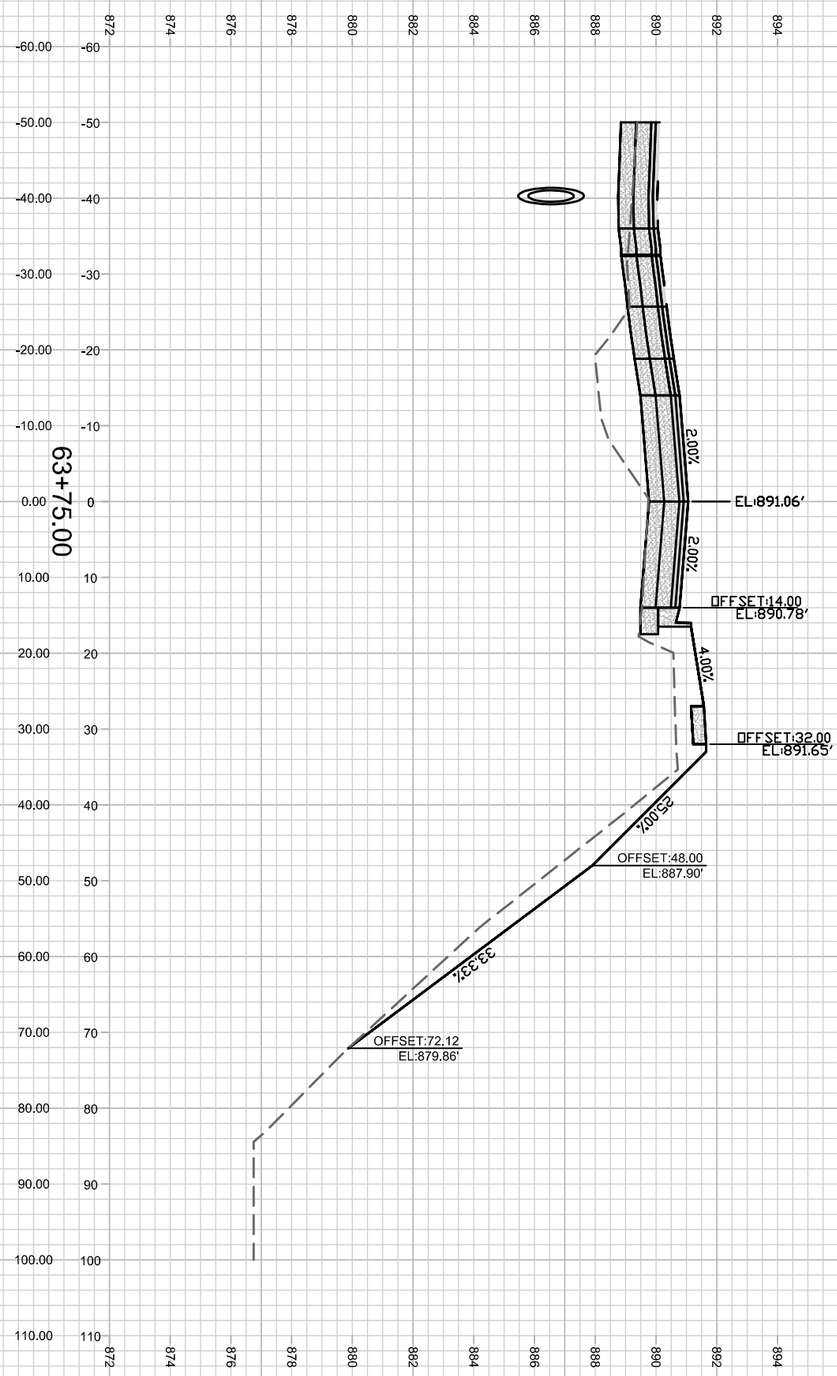
12714 | X-12

12714 X-12



GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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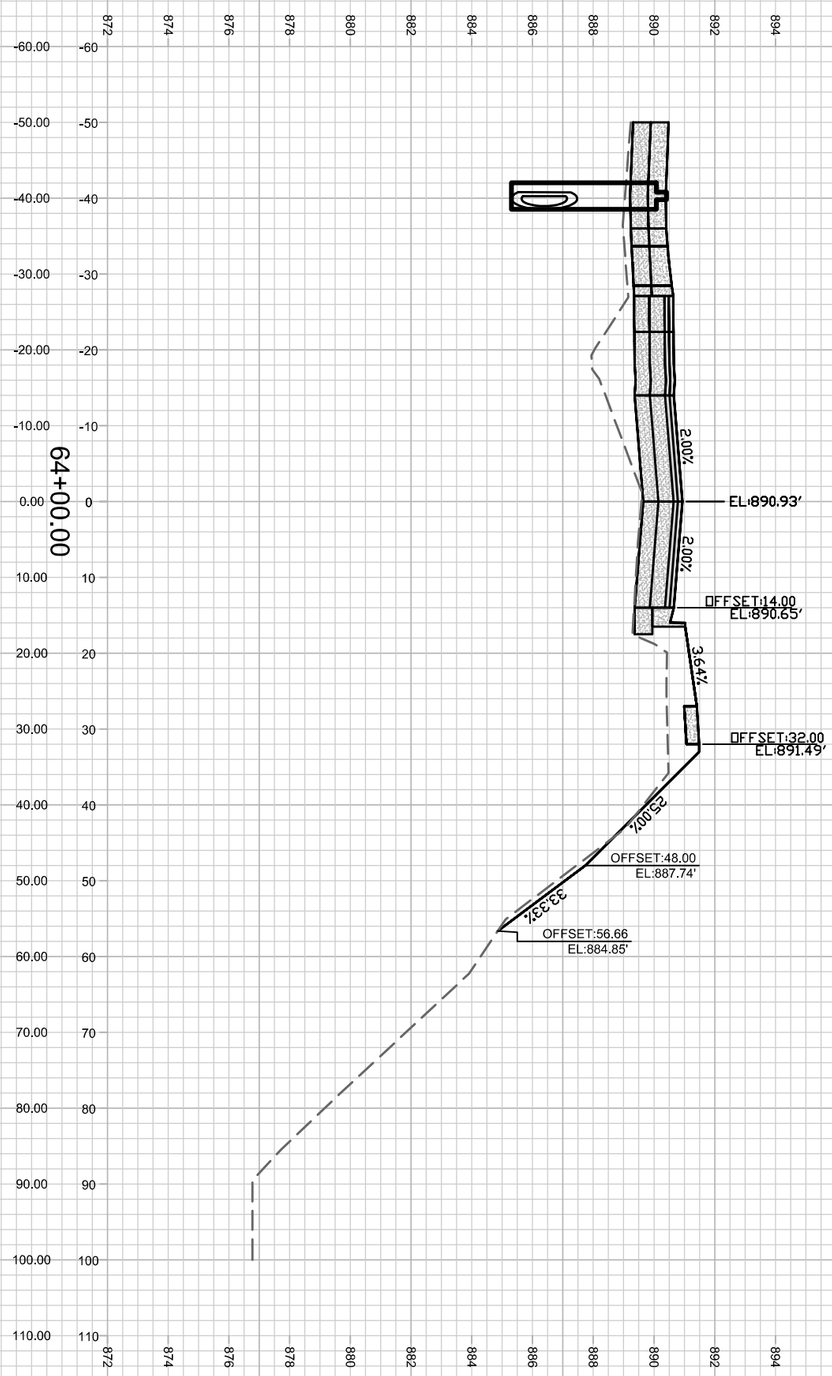
12714 X-13

12714 X-13



GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg	CONTRACT NO:	8489	

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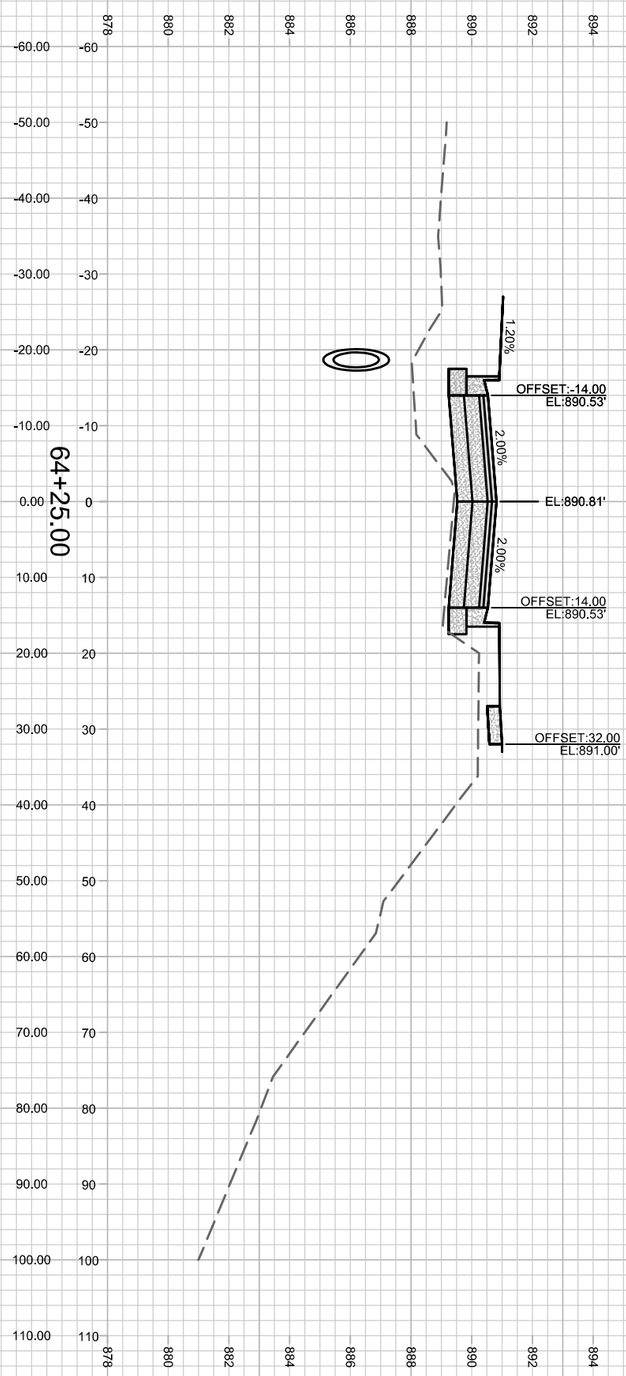
12714 | X-14

12714 X-14



X-15	12714	GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
		VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
		M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg	CONTRACT NO:	8489	

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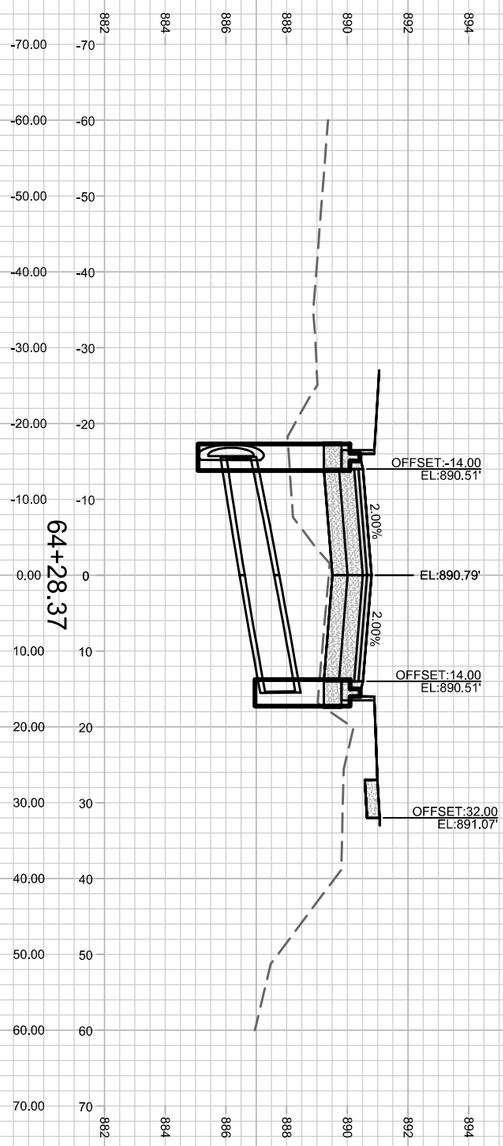
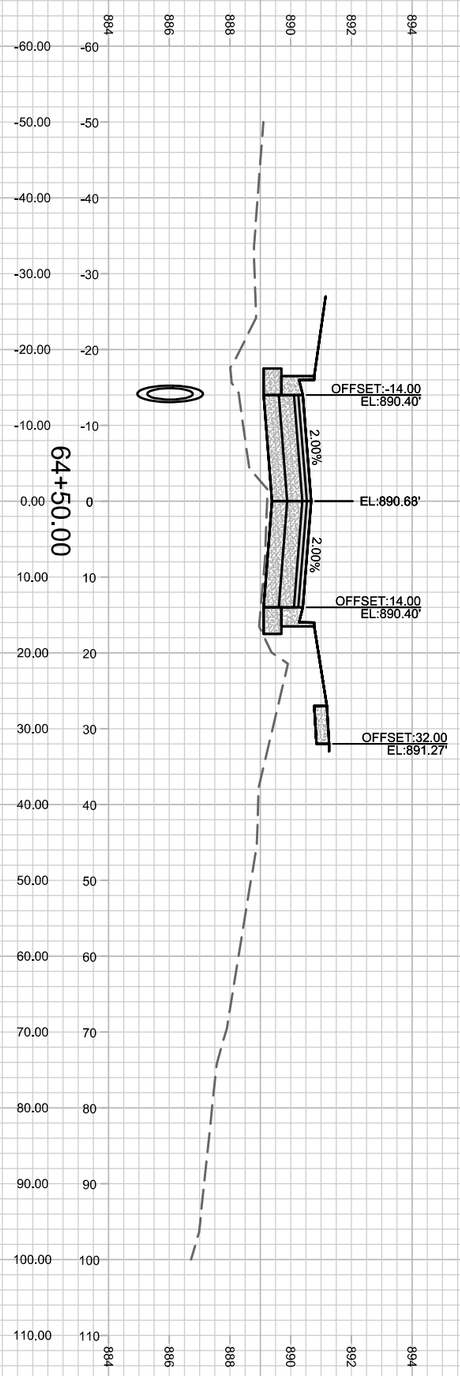
12714		X-15





GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
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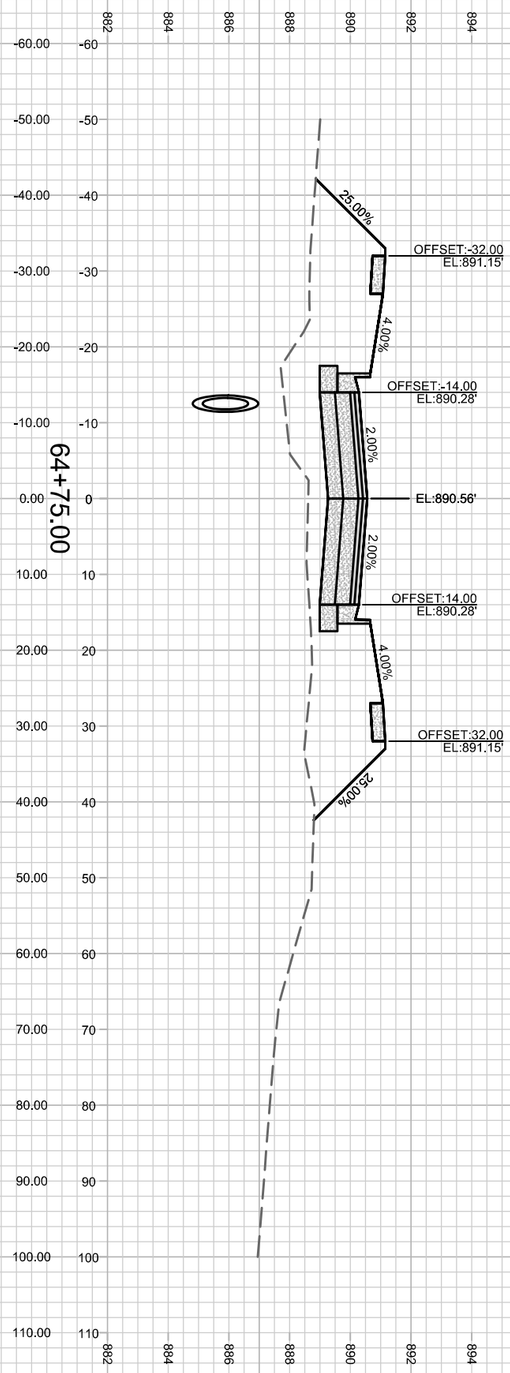
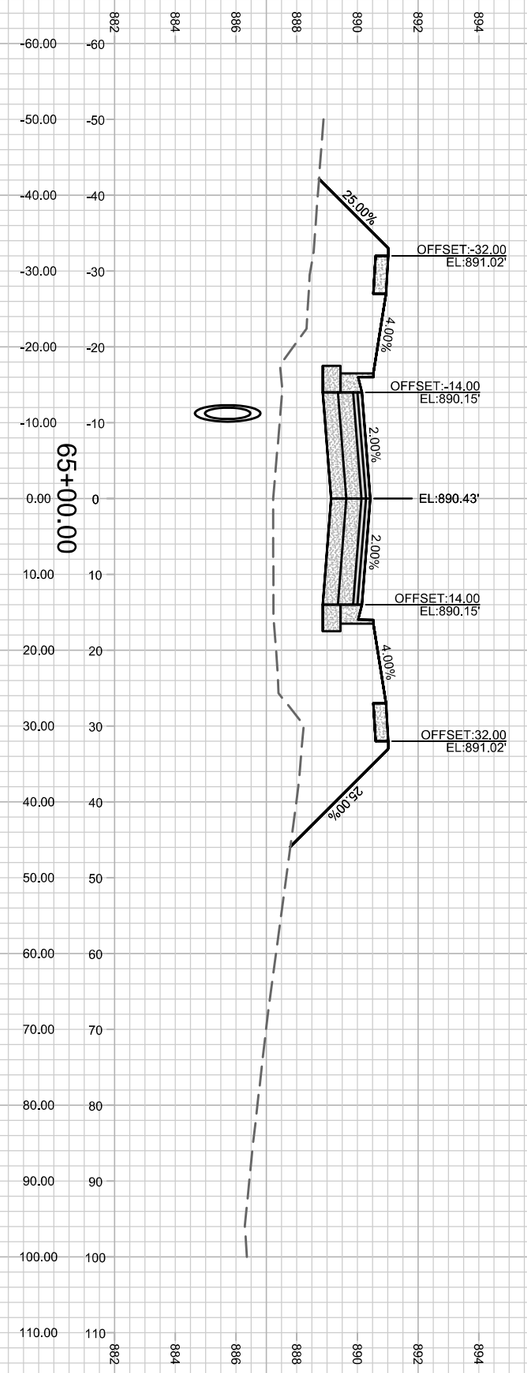
12714 | X-16

12714 X-16





X-17

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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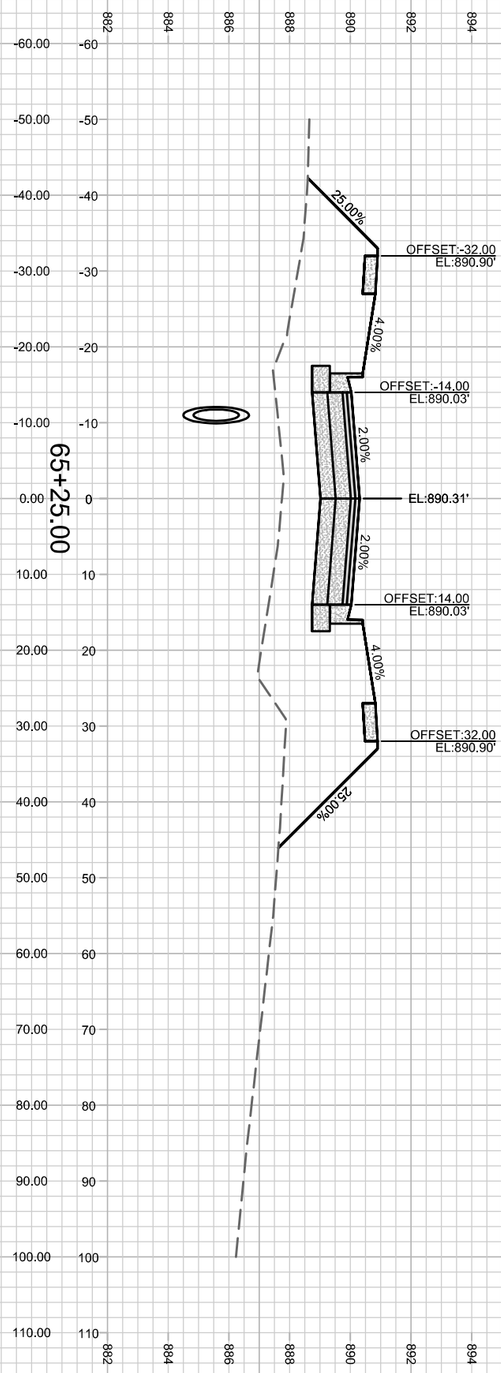
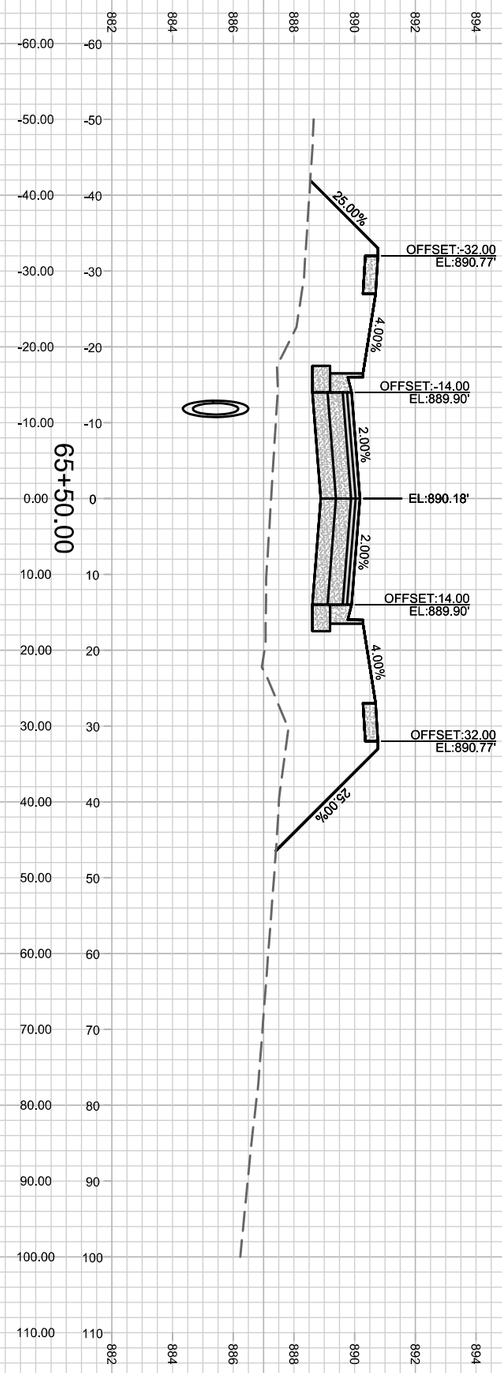
12714 | X-17





X-18

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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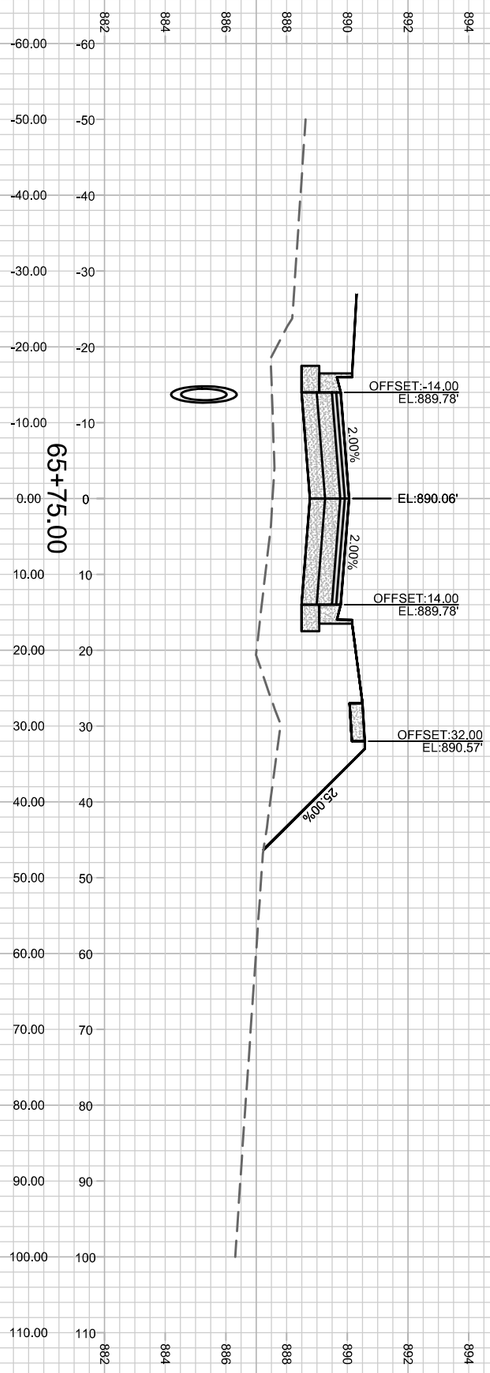
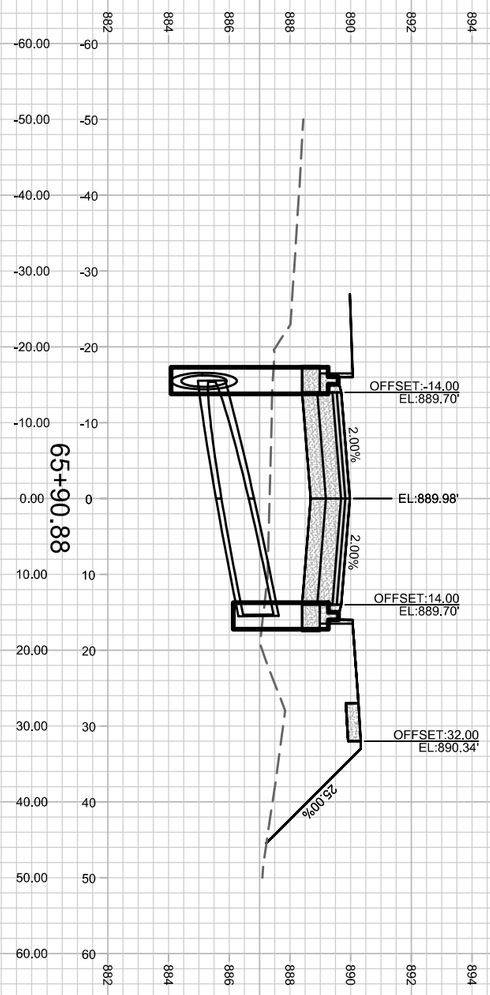
Designed By: LMC | Date: 11/17/2021 3:08 PM | Scale: ########

12714 X-18





X-19	12714	GOLDEN DUSK PARKWAY - CROSS SECTION	12714	---	---
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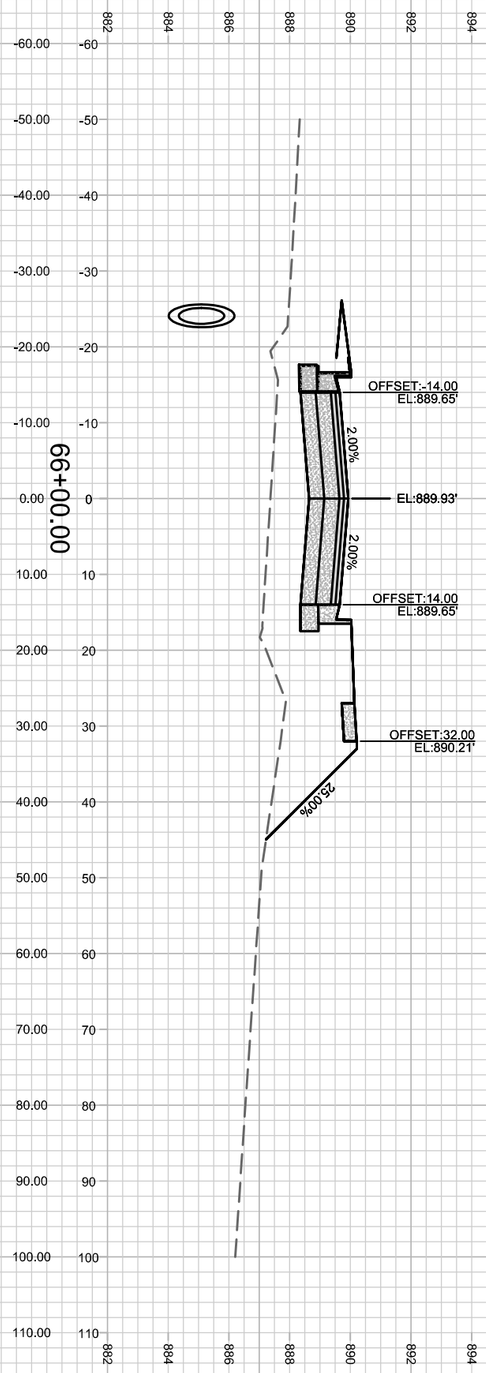
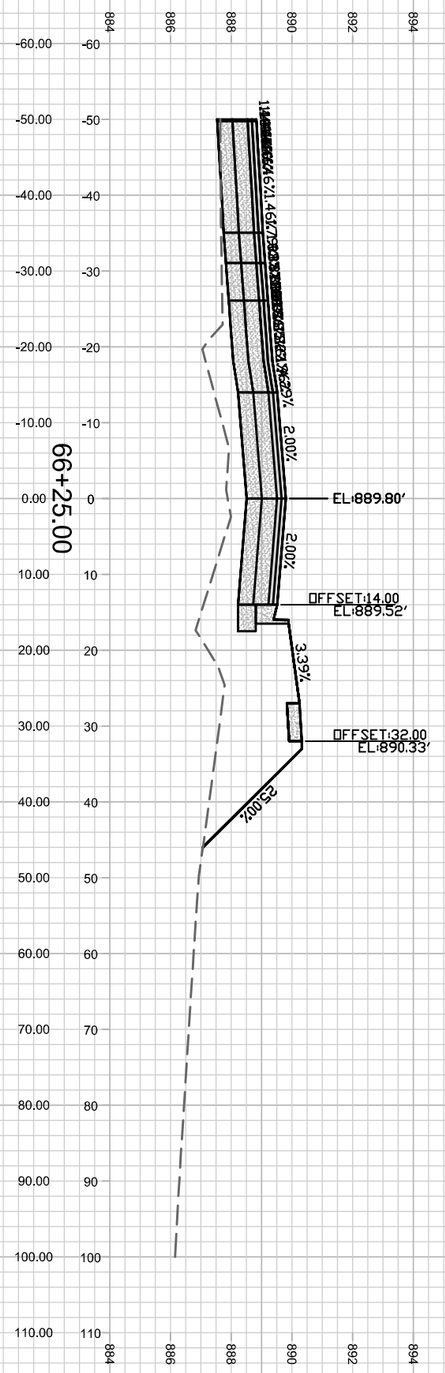
12714		X-19





X-20	12714	GOLDEN DUSK PARKWAY - CROSS SECTION	12714
		VILLAGE AT AUTUMN LAKE PHASE 10	MADISON, WI
		M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg	CONTRACT NO: 8489

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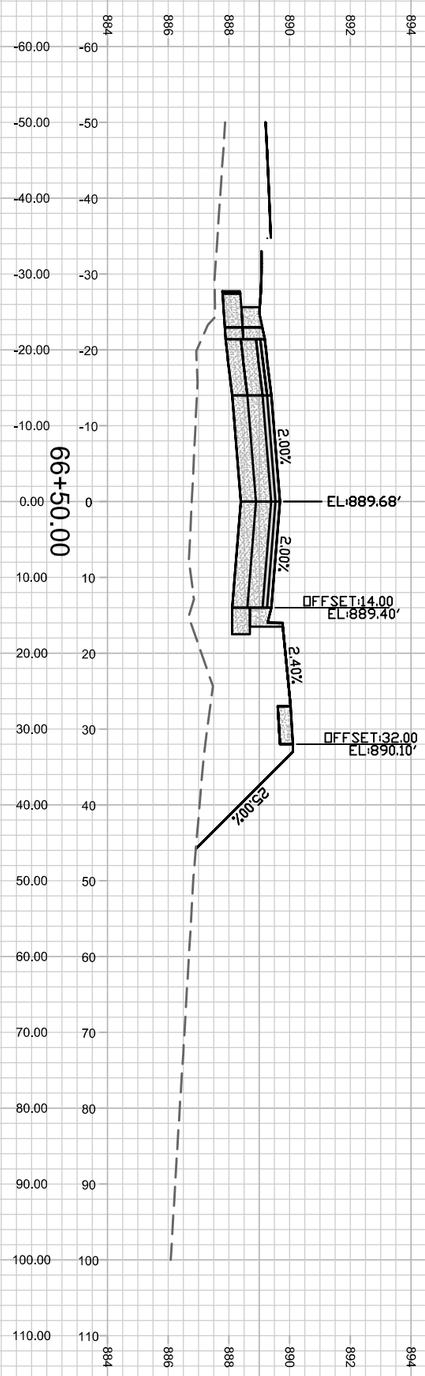
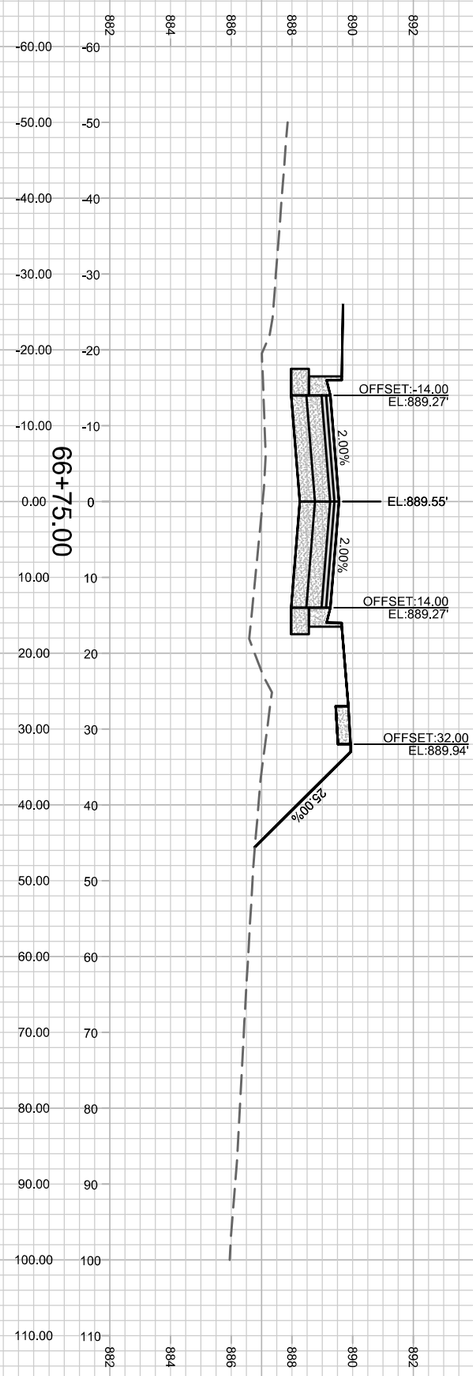
12714		X-20





GOLDEN DUSK PARKWAY - CROSS SECTION		12714	
VILLAGE AT AUTUMN LAKE PHASE 10		MADISON, WI	
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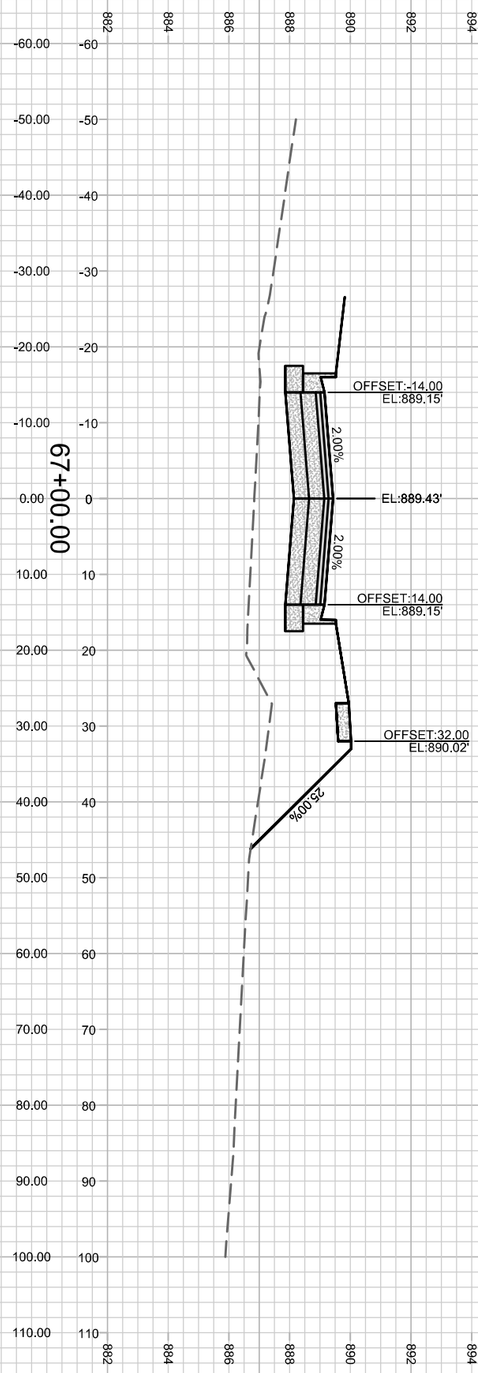
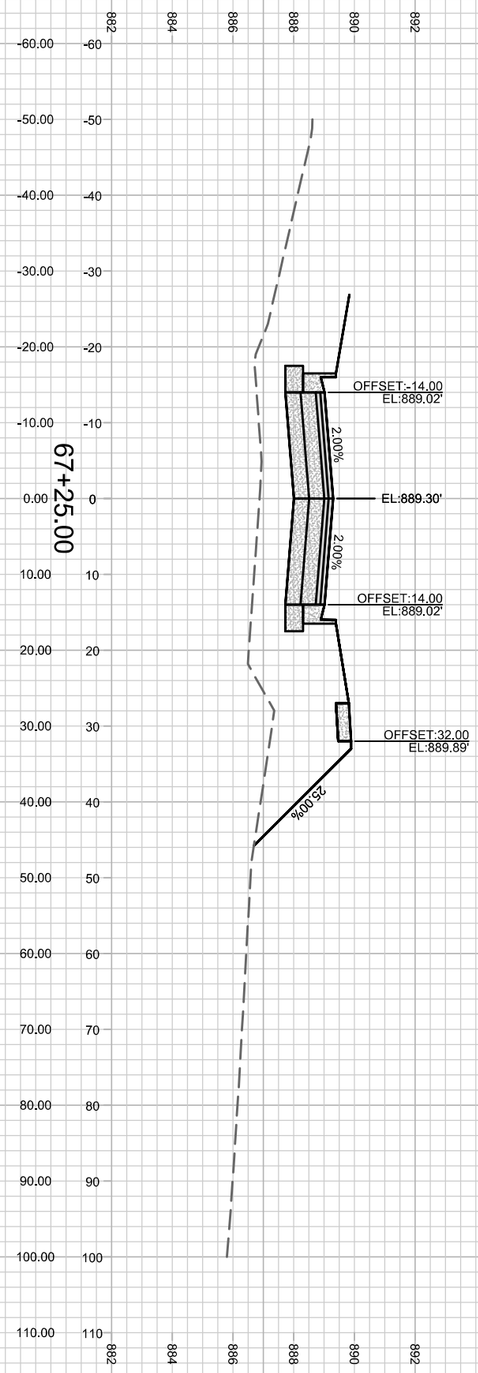
12714		X-21

12714
X-21





X-22

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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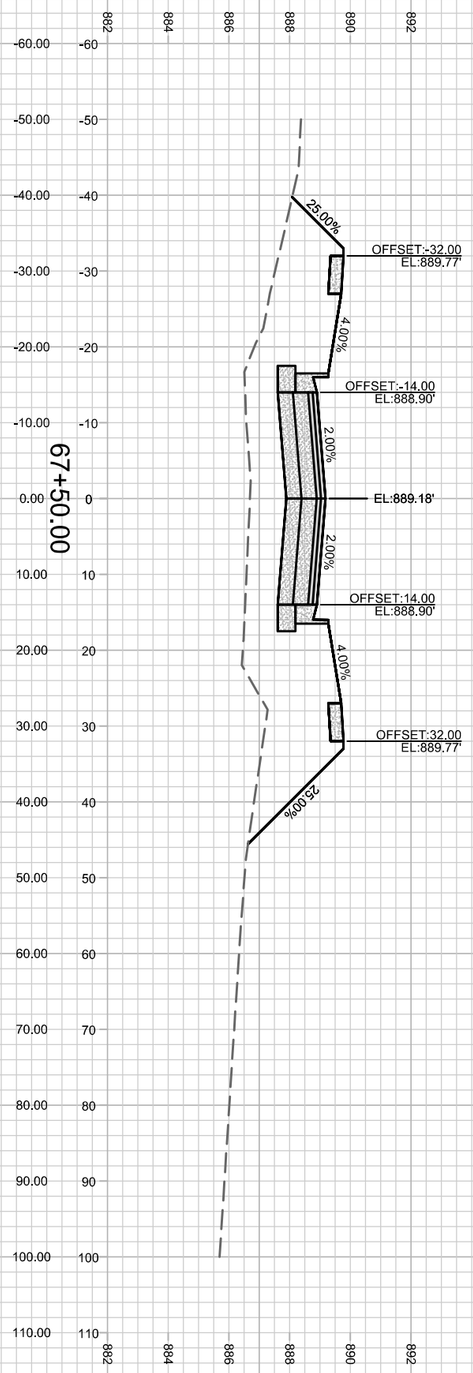
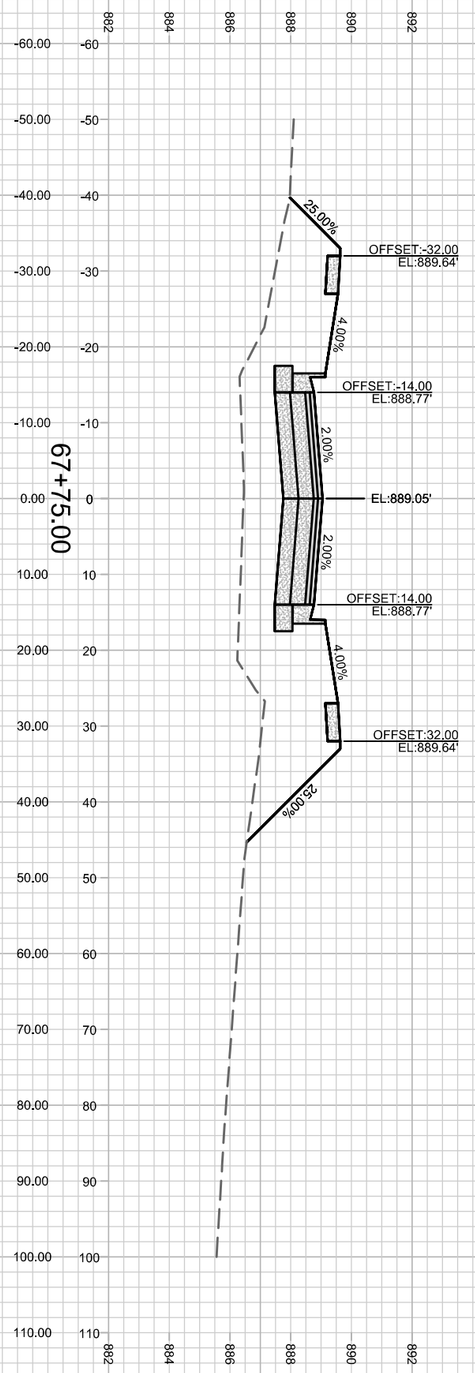
12714 X-22





12714	X-23	GOLDEN DUSK PARKWAY - CROSS SECTION	12714	---	---	---	---
		VILLAGE AT AUTUMN LAKE PHASE 10	MADISON, WI	---	---	---	---
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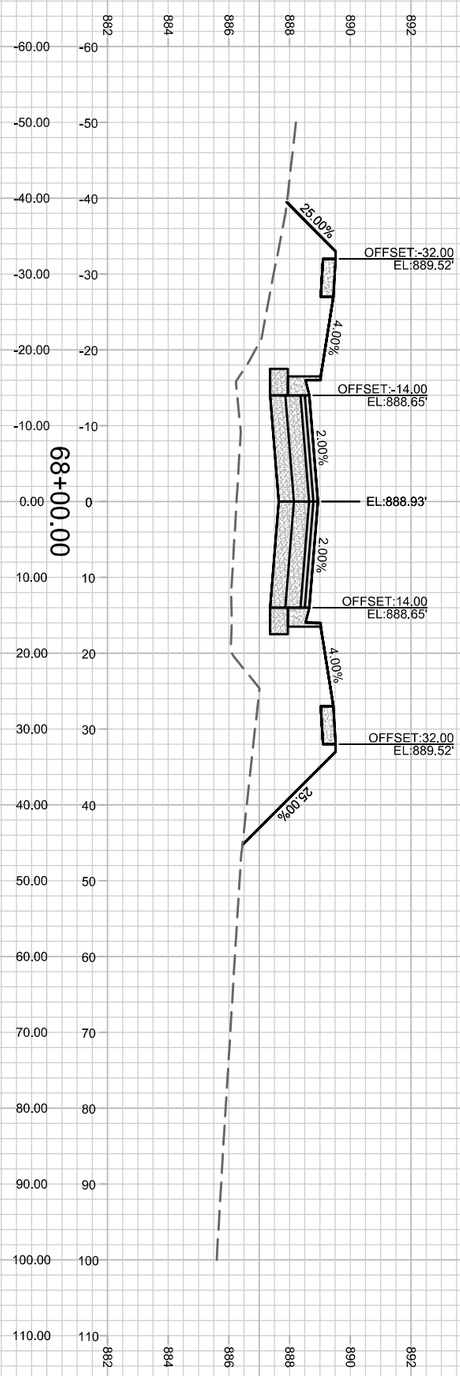

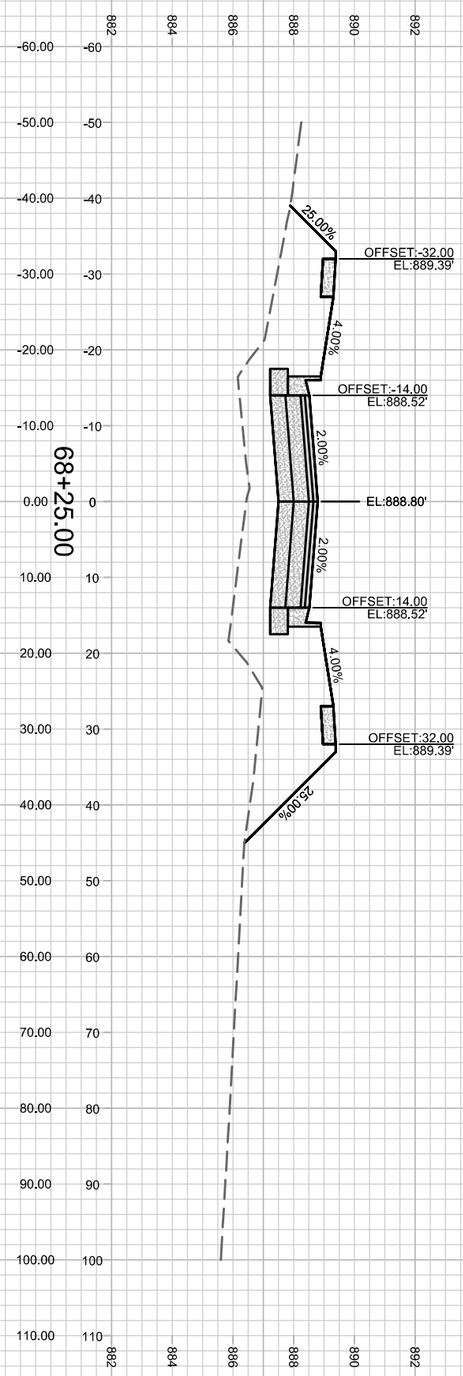

X-24

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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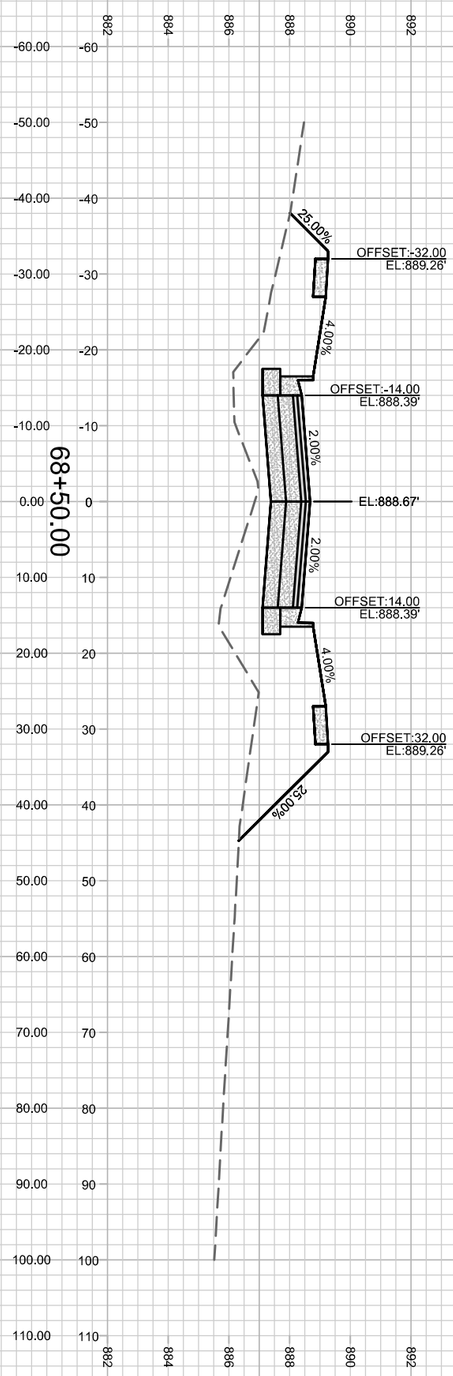
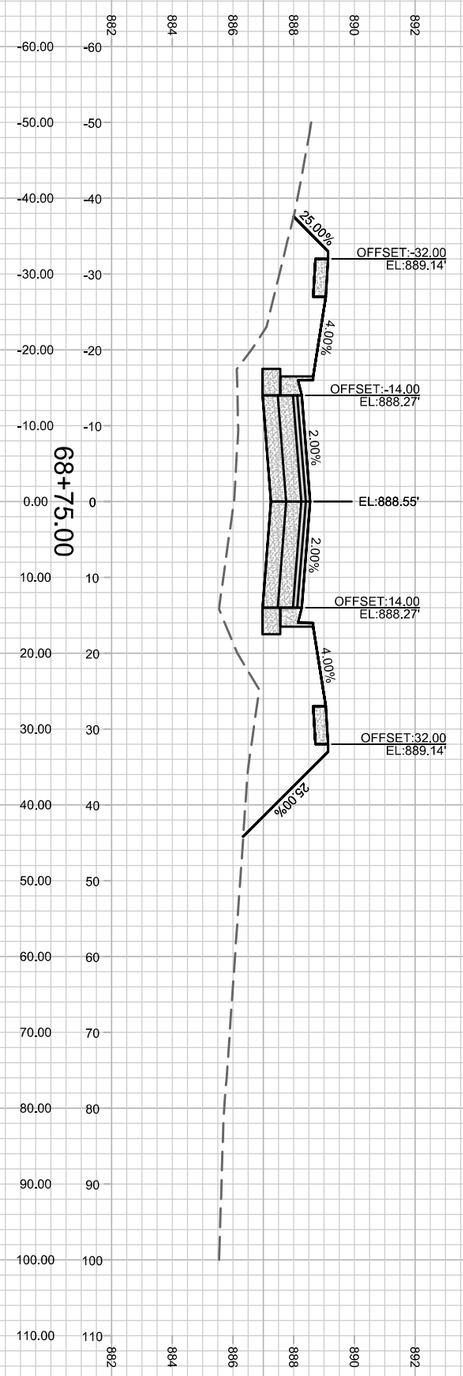
12714 X-24





X-25

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg CONTRACT NO: 8489

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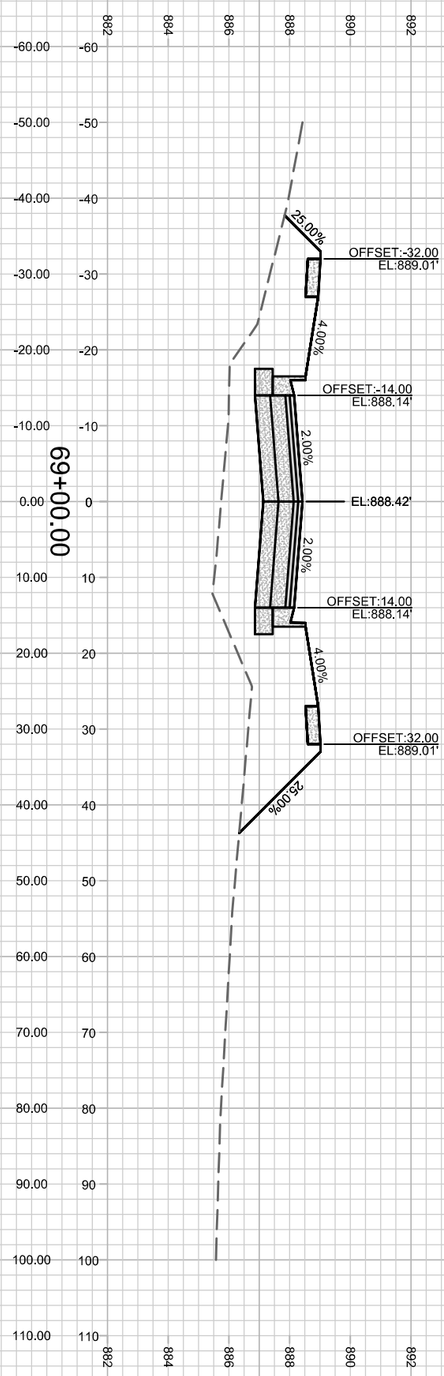
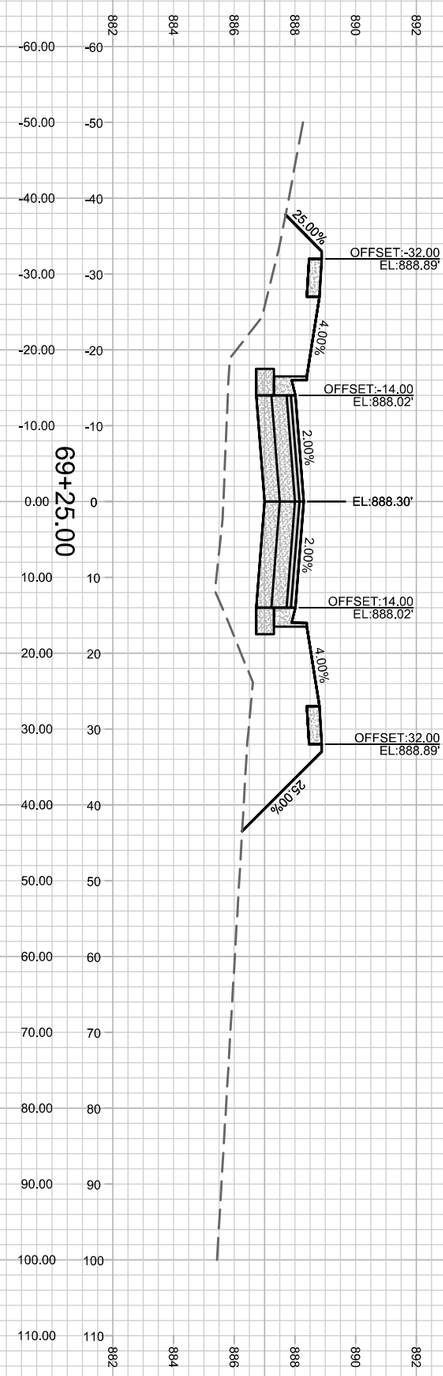
Designed By: LMC | Date: 11/17/2021 3:09 PM | Scale: ########

12714 | X-25





X-26

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg CONTRACT NO: 8489

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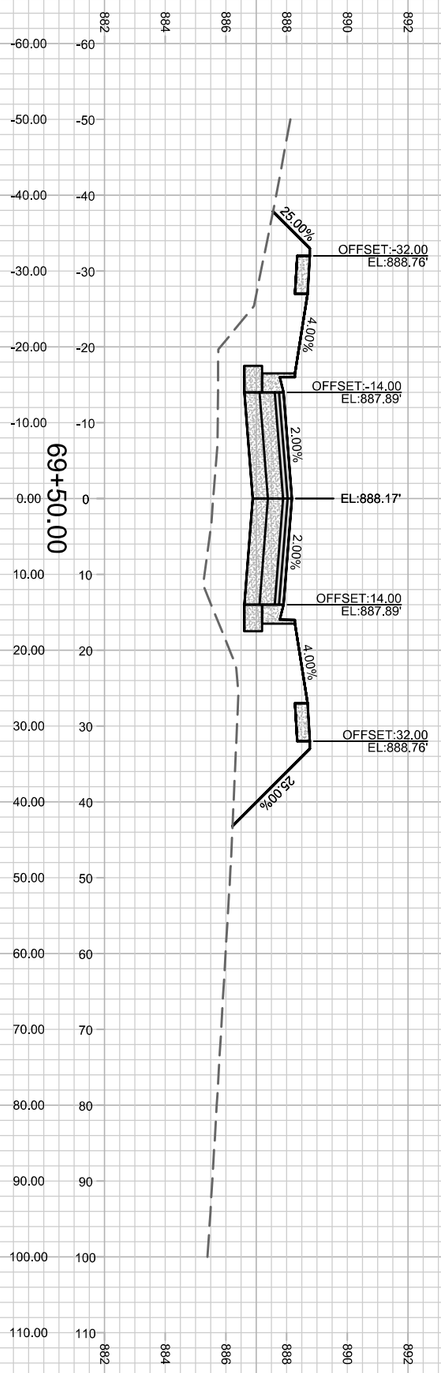
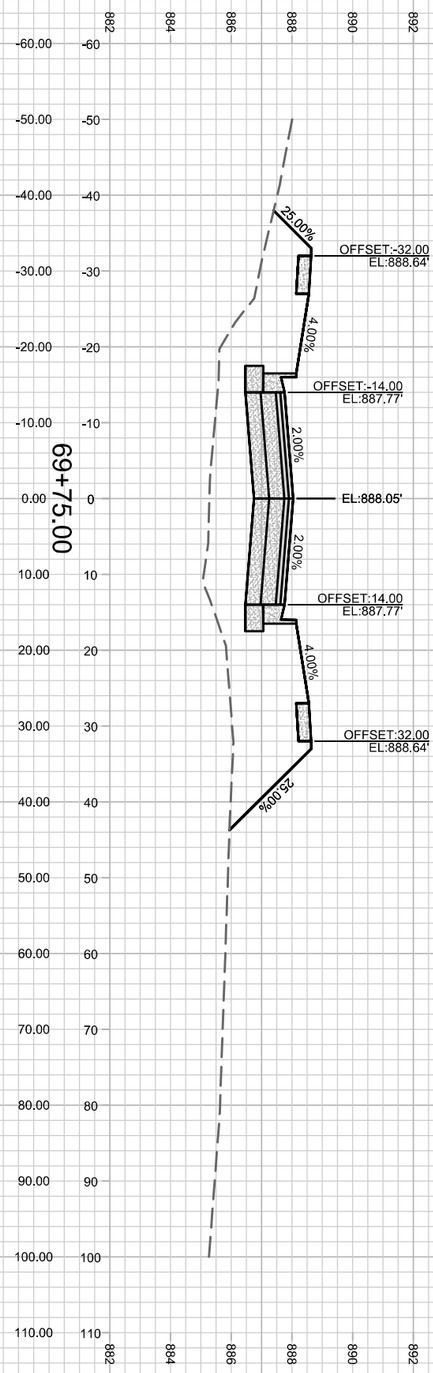
12714 X-26





X-27

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg CONTRACT NO: 8489

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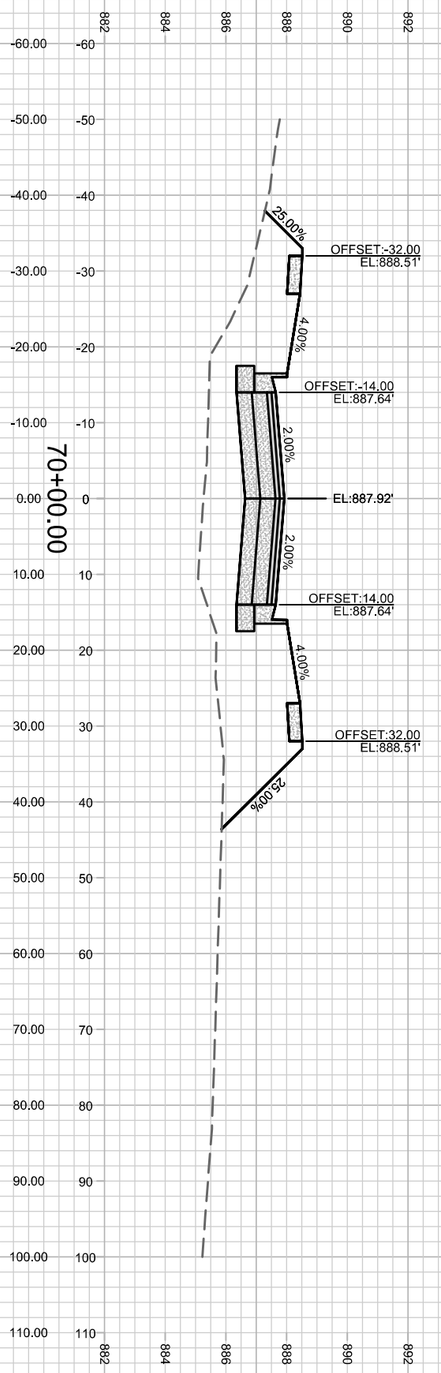
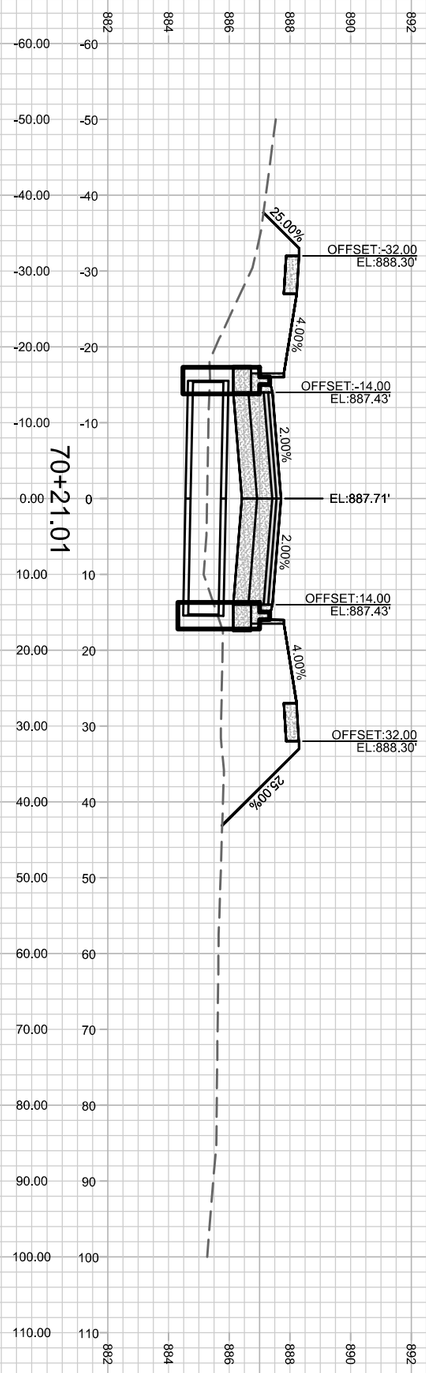
12714 | X-27





X-28

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

M:\DESIGN\Projects\12714\CAD\Streets\12714EN-Corridor.dwg CONTRACT NO: 8489

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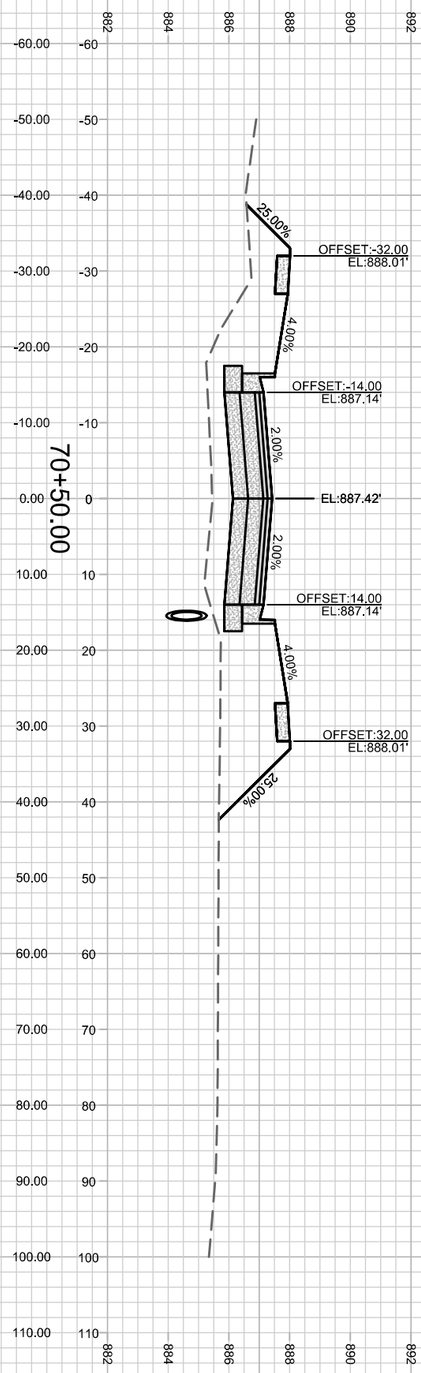
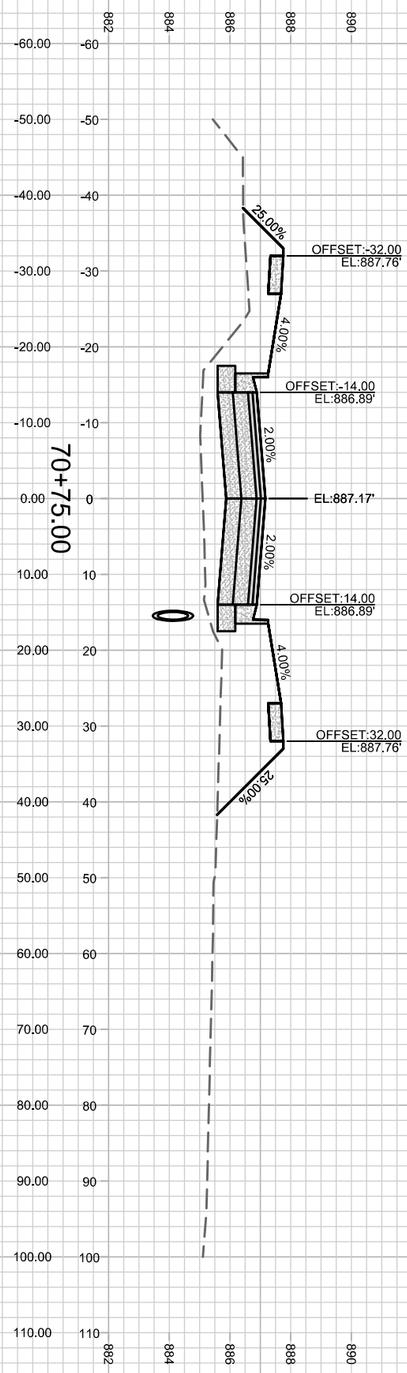
12714 X-28





X-29

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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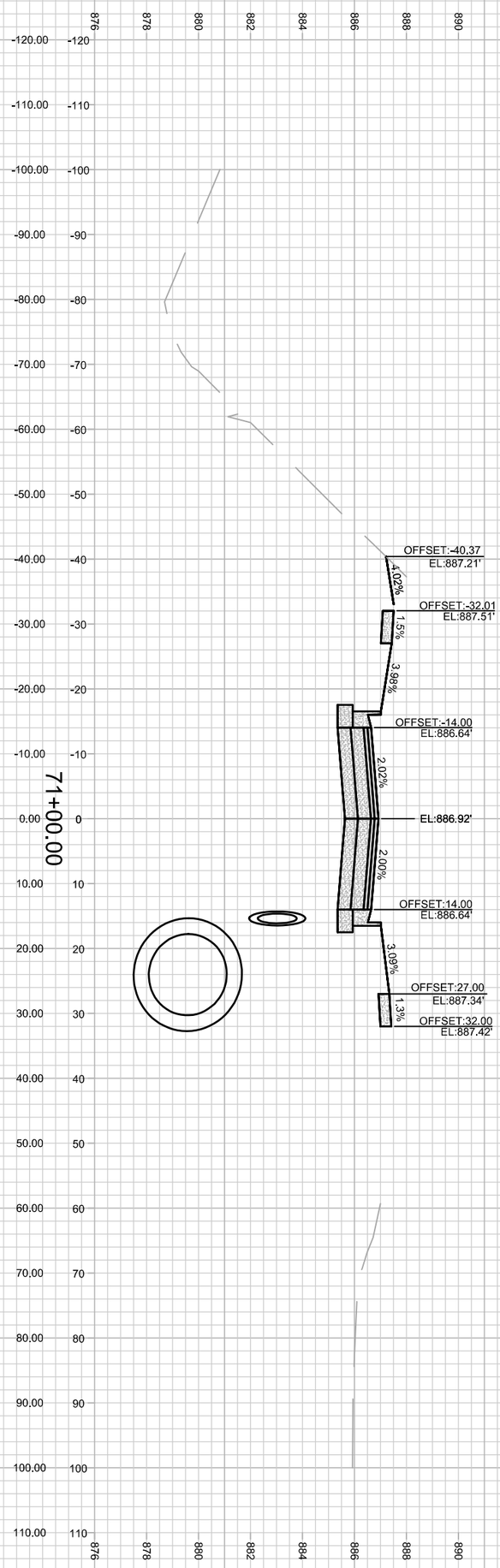
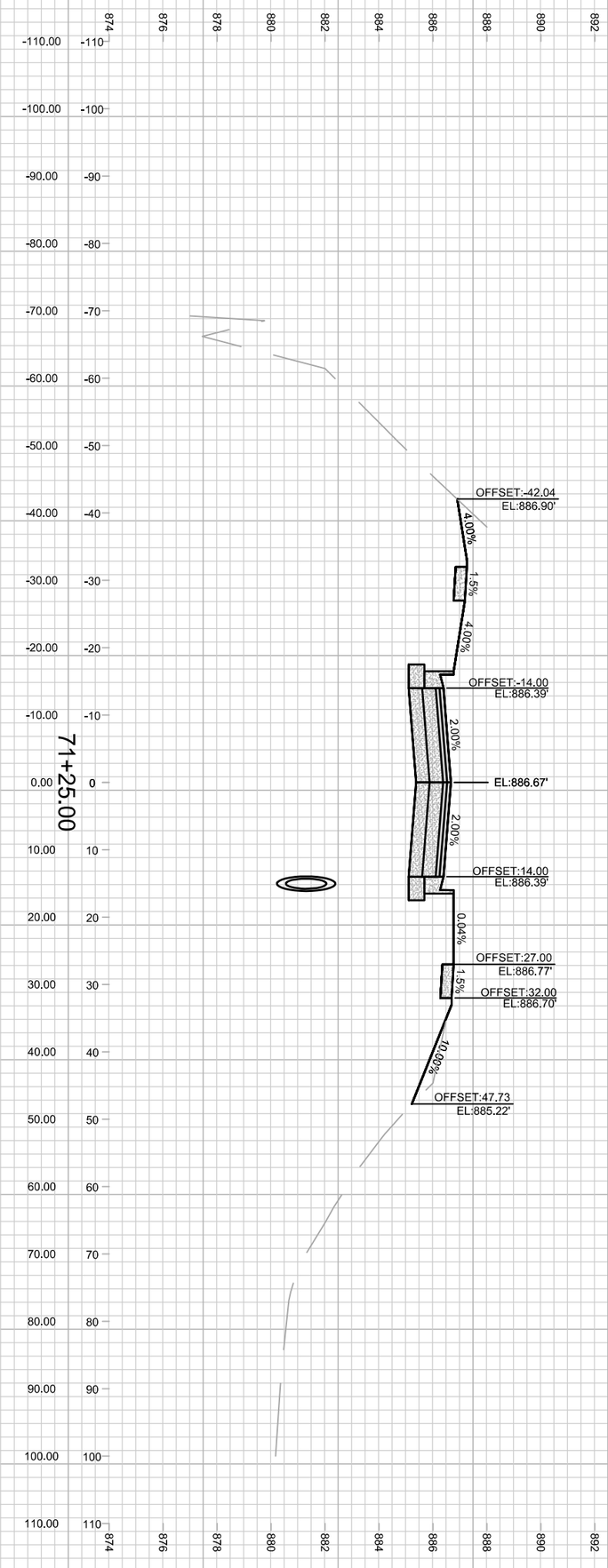
12714 X-29





X-30

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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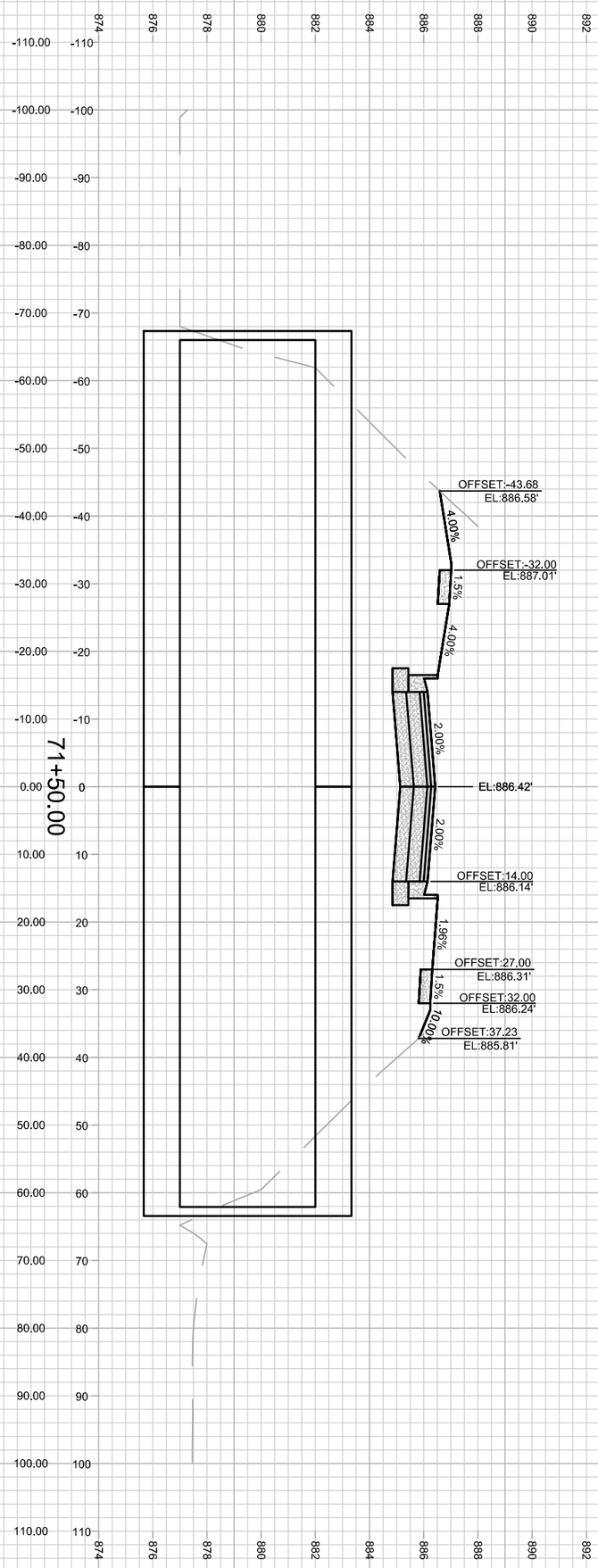
12714 | X-30



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GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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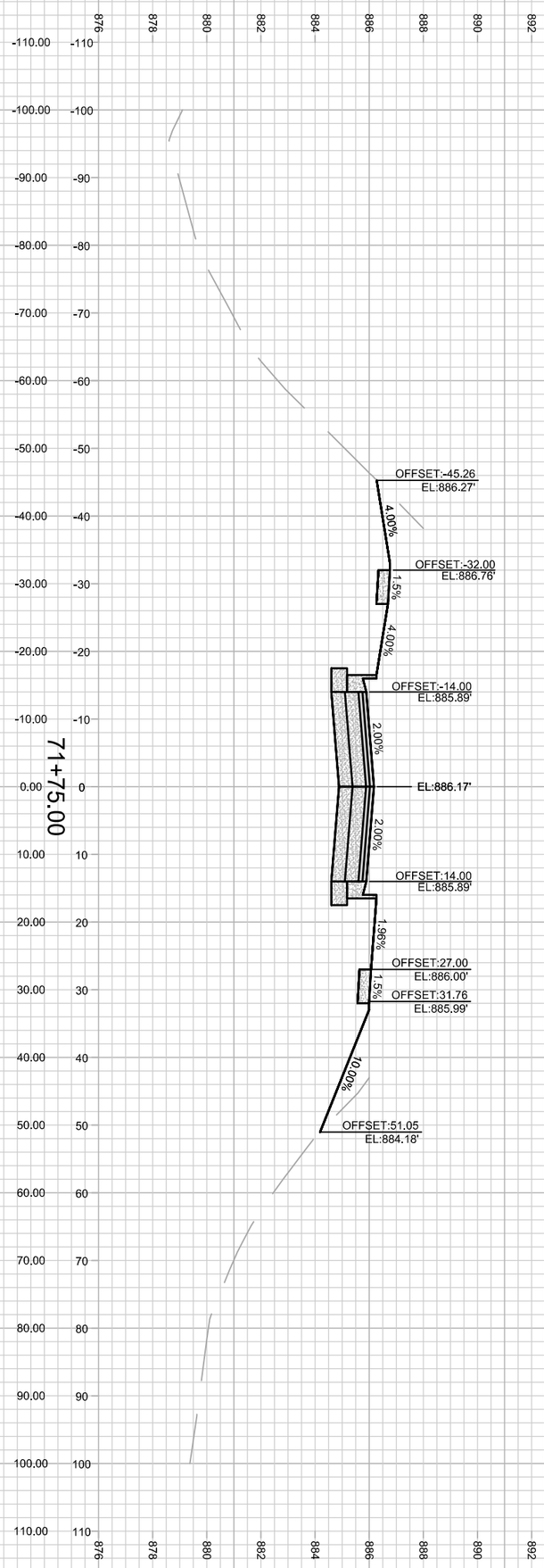
12714 | X-31

12714 X-31



X-32

12714

GOLDEN DUSK PARKWAY - CROSS SECTION 12714

VILLAGE AT AUTUMN LAKE PHASE 10 MADISON, WI

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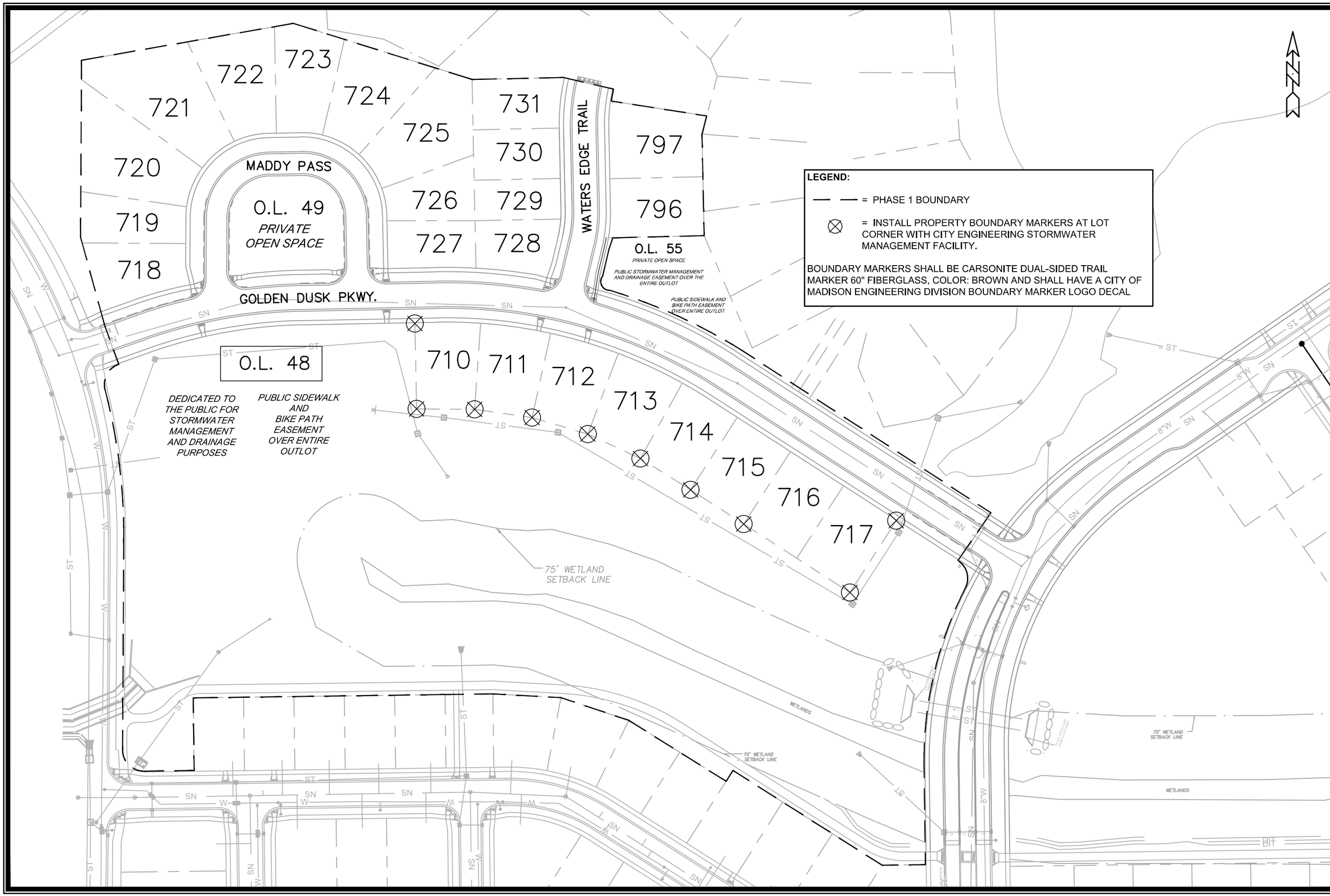
12714 X-32



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12714

PBM-1

12714

MADISON, WI

8489

CONTRACT NO:

PROPERTY BOUNDARY MARKER PLAN

VILLAGE AT AUTUMN LAKE PHASE 10

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CITY OF MADISON WISCONSIN

12714

PBM-1

NOT FOR CONSTRUCTION - CITY RECORDS ONLY

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)
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY PRIVATE
- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = PUBLIC CITY PARK PROPERTY
- = PRIVATE OUTLOT
- = PHASE BOUNDARY

MADDY PASS

O.L. 49
PRIVATE OPEN SPACE

GOLDEN DUSK PKWY.

WATERS EDGE TRAIL

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

O.L. 48

DEDICATED TO THE PUBLIC FOR STORMWATER MANAGEMENT AND DRAINAGE PURPOSES

PUBLIC SIDEWALK AND BIKE PATH EASEMENT OVER ENTIRE OUTLOT

720 721 722 723 724 725 726 727 728 729 730 731 797 796 719 718 710 711 712 713 714 715 716 717

75' WETLAND SETBACK LINE

WETLANDS

MARK	REVISION	DATE	BY
1	SIDEWALK LAYOUT & MISSING GRADE	10/14/22	JPS

Designed By: LMC Date: 10/21/2022 9:15 AM Scale: ########

12714

MN-1

12714

MAINTENANCE MAP

VILLAGE AT AUTUMN LAKE PHASE 10

MADISON, WI

CONTRACT NO: 8489

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CITY OF MADISON WISCONSIN

12714

MN-1