

Madison, Wisconsin

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SHEET NO. P5-P6	BALLAST DRIVE
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CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

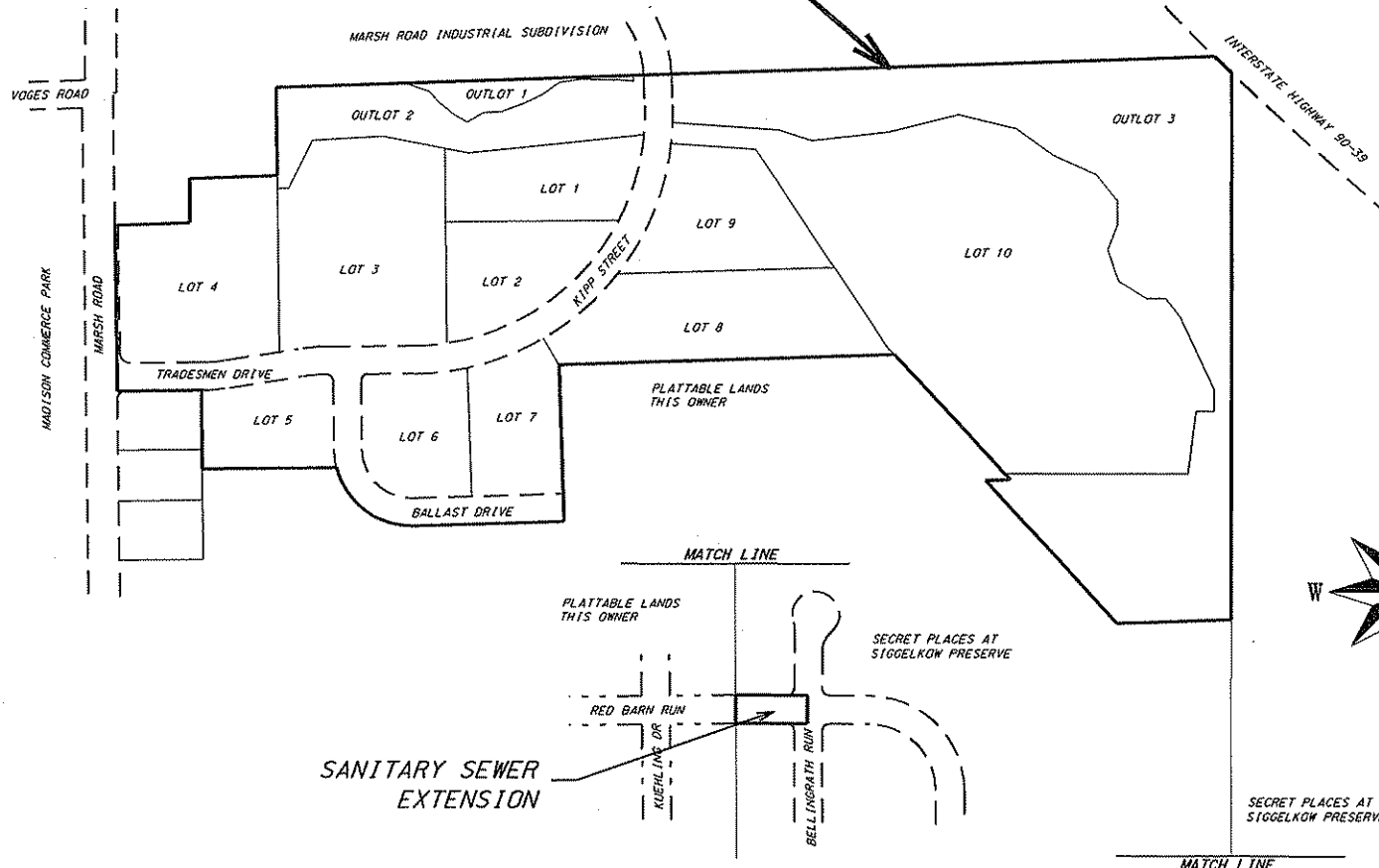
PLAN OF PROPOSED IMPROVEMENT

TRADESMEN COMMERCE PARK

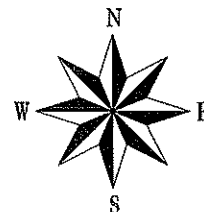
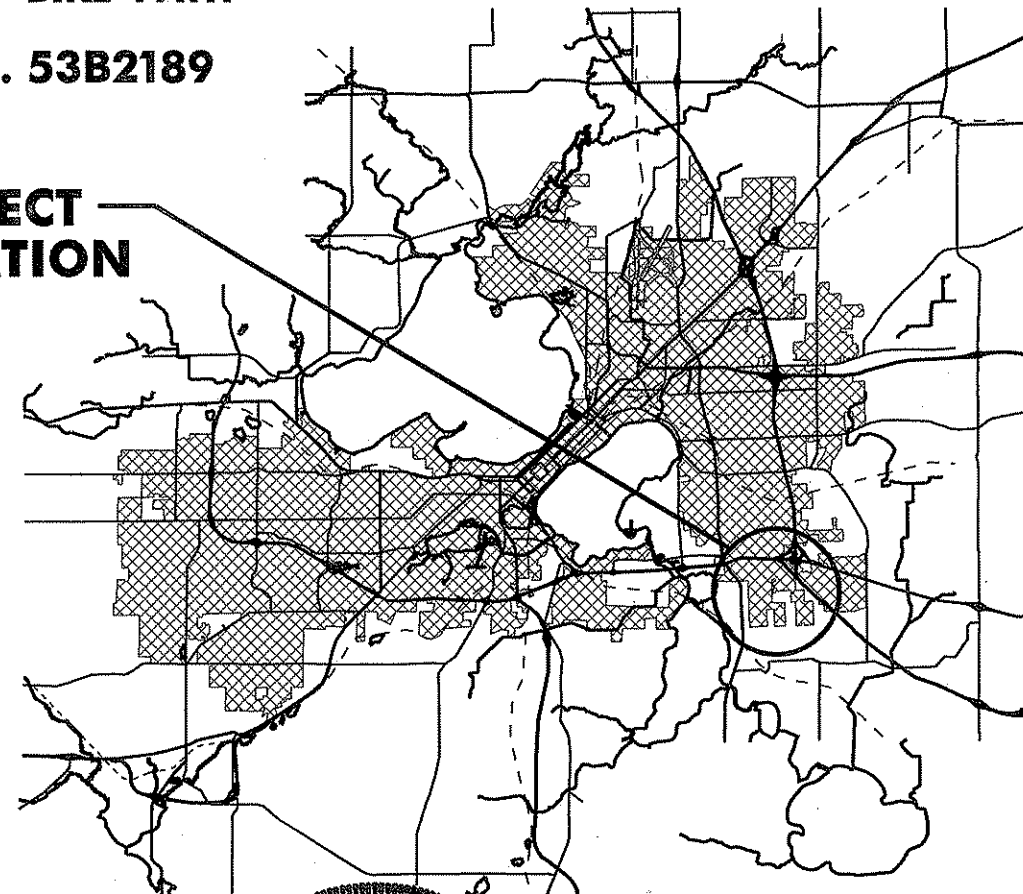
TRADESMEN DRIVE, KIPP STREET,
BALLAST DRIVE, AND BIKE PATH

CITY PROJECT NO. 53B2189

PLAT LIMITS



PROJECT LOCATION



PUBLIC IMPROVEMENT PROJECT APPROVED
APRIL 8, 2008
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 5/8/08
City Engineer Date

STREET GRADES
DESIGNED BY:

[Signature]
CHRISTY BACHMANN
#32070
MADISON, WI 53706
PROFESSIONAL ENGINEER
CIVIL ENGINEER

STORM SEWER AND DRAINAGE
DESIGNED BY:

[Signature]
MICHAEL R. DAILEY
E-20745
MADISON, WI
PROFESSIONAL ENGINEER
CIVIL ENGINEER 4/30/08

SANITARY SEWER
DESIGNED BY:

[Signature]
MICHAEL R. DAILEY
E-20745
MADISON, WI
PROFESSIONAL ENGINEER
CIVIL ENGINEER 4/30/08

GEOMETRICS
DESIGNED BY:

[Signature]
DANIEL C. MCCORMICK
E-33520
MADISON, WI
PROFESSIONAL ENGINEER
TRAFFIC ENGINEER 5/8/08

WATER DISTRIBUTION
DESIGNED BY:
[Signature]
MARGARET F. WISCHHOFF
PE-35257
MADISON, WI
PROFESSIONAL ENGINEER
CIVIL ENGINEER 6/29/08

SIGNAL, LIGHTING, AND ELECTRICITY
DESIGNED BY:
[Signature]
DANIEL C. DETTMANN
E-18665
MADISON, WI
PROFESSIONAL ENGINEER
TRAFFIC ENGINEER 5-6-08

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: 10101

REV. DATE: 4/23/2008

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

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

ALL PAVEMENT IN THE MARSH ROAD, TRADESMEN DRIVE, KIPP STREET, AND BALLAST DRIVE RIGHT OF WAY SHALL BE TYPE "C", AND ALL PAVEMENT IN THE BIKE PATH EASEMENT SHALL BE TYPE "A" PER STANDARD DETAIL DRAWING 4.02.

ALL ISLANDS SHALL HAVE TYPE "E" C & G PER S.D.D. 3.08 (EXCEPT WHERE SPECIFIED DIFFERENTLY ON DRAWING) AND MOUNTABLE NOSES PER S.D.D. 3.13. ALL OTHER C & G SHALL BE TYPE "A" PER S.D.D. 3.06 UNLESS OTHERWISE NOTED.

ISLAND INTERIORS SHALL BE OF SOD WHERE THE BACK TO BACK OF CURB DIMENSION IS GREATER THAN 6'.

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

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

PAVEMENT CROSS SLOPES SHALL BE 2%, TERRACES SHALL SLOPE AT A 4% GRADE TOWARD THE GUTTER, SHOULDERS SHALL HAVE A 4% CROSS SLOPE AND CROSS SLOPES FORMING DITCHES SHALL NOT EXCEED 4.00:1 UNLESS OTHERWISE INDICATED.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 2%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. A 2 FOOT WIDE CONCRETE FLUME SHALL BE INSTALLED BETWEEN THE SIDEWALK AND THE BACK OF CURB AT SIDEWALK LOW POINTS WHICH CANNOT OTHERWISE BE DRAINED DIRECTLY TO THE GUTTER. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. THE DESIGN OF SIDEWALK ELEVATIONS AND GRADES IS NOT INCLUDED IN THIS PLAN. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

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

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

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

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

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

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

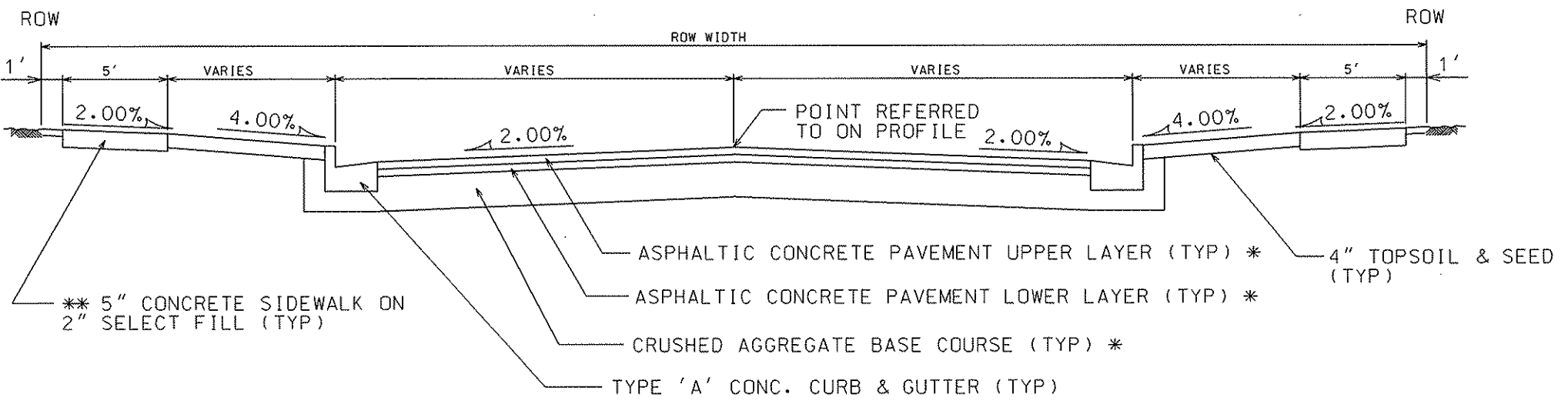
THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

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

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

TRADESMEN COMMERCE PARK PROJECT NO. 53B2189	SHEET NO. D-1
DETAILS	
STANDARD NOTES AND COMMENTS	CITY OF MADISON

TYPICAL SECTION



NOTES:

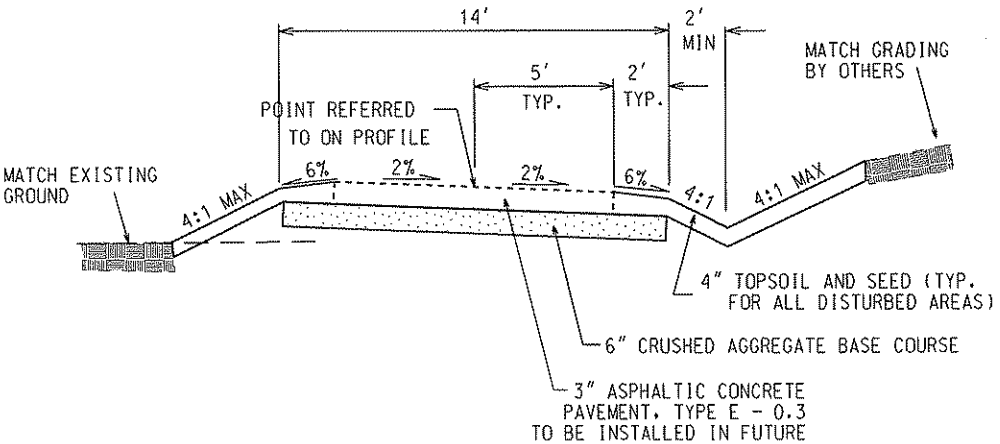
* A PAVEMENT DESIGN IN ACCORDANCE WITH STANDARD
DETAIL DRAWING 4.06 IS REQUIRED ON ALL PROJECTS

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

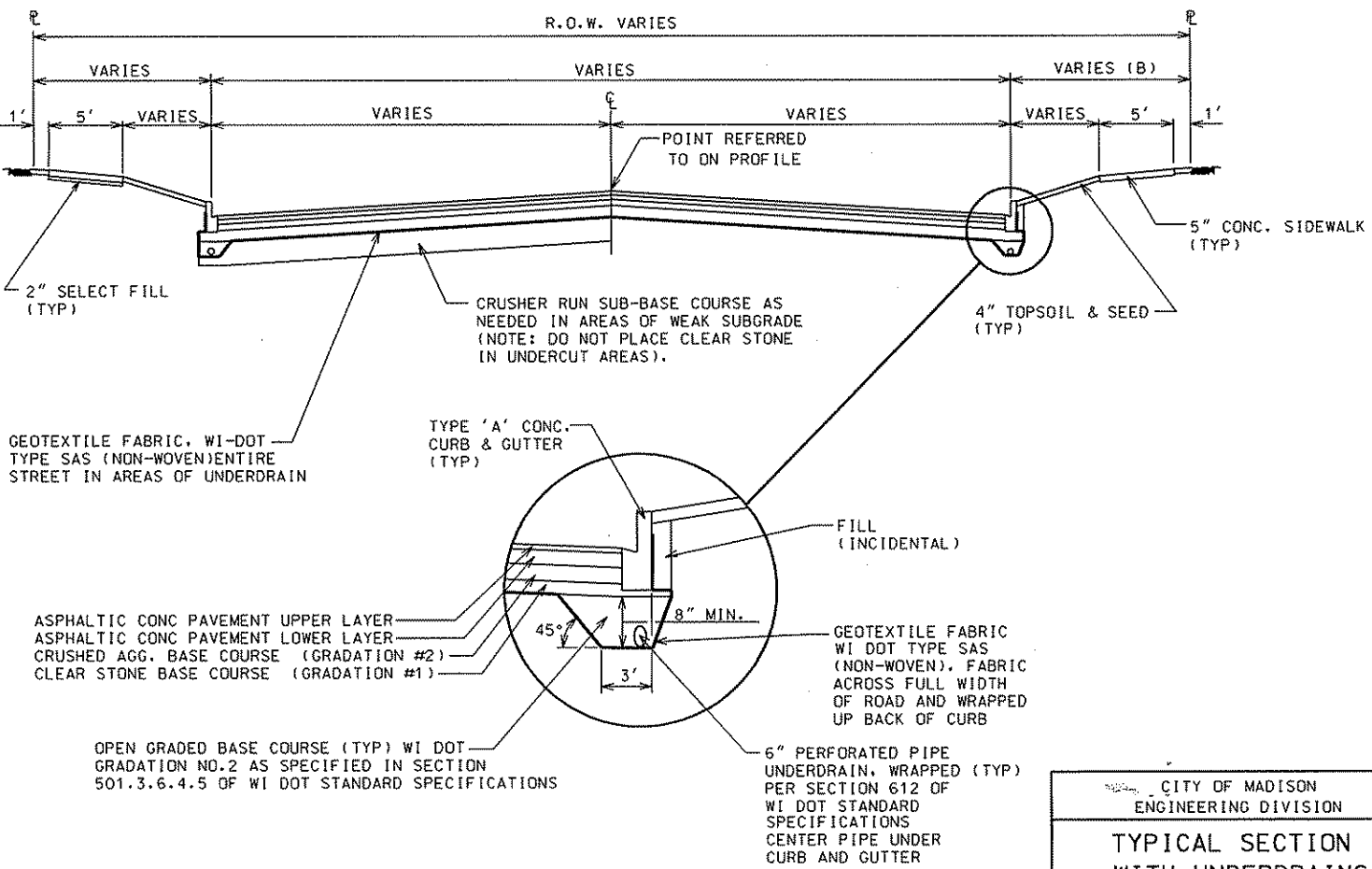
* CITY OF MADISON MINIMUM PAVEMENT DESIGN

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

TYPICAL SECTION - BIKE PATH



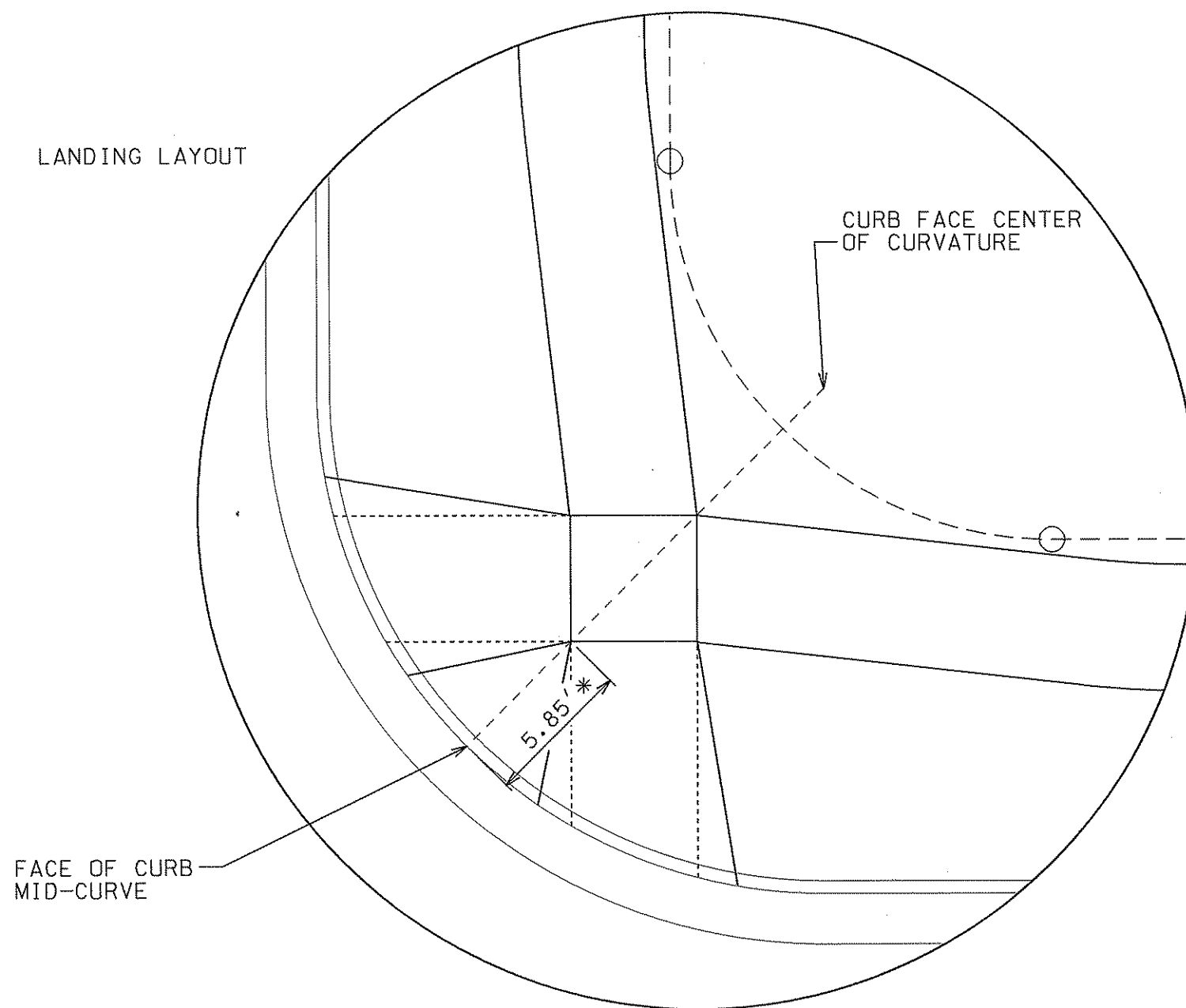
UNDERDRAIN INSTALLATION



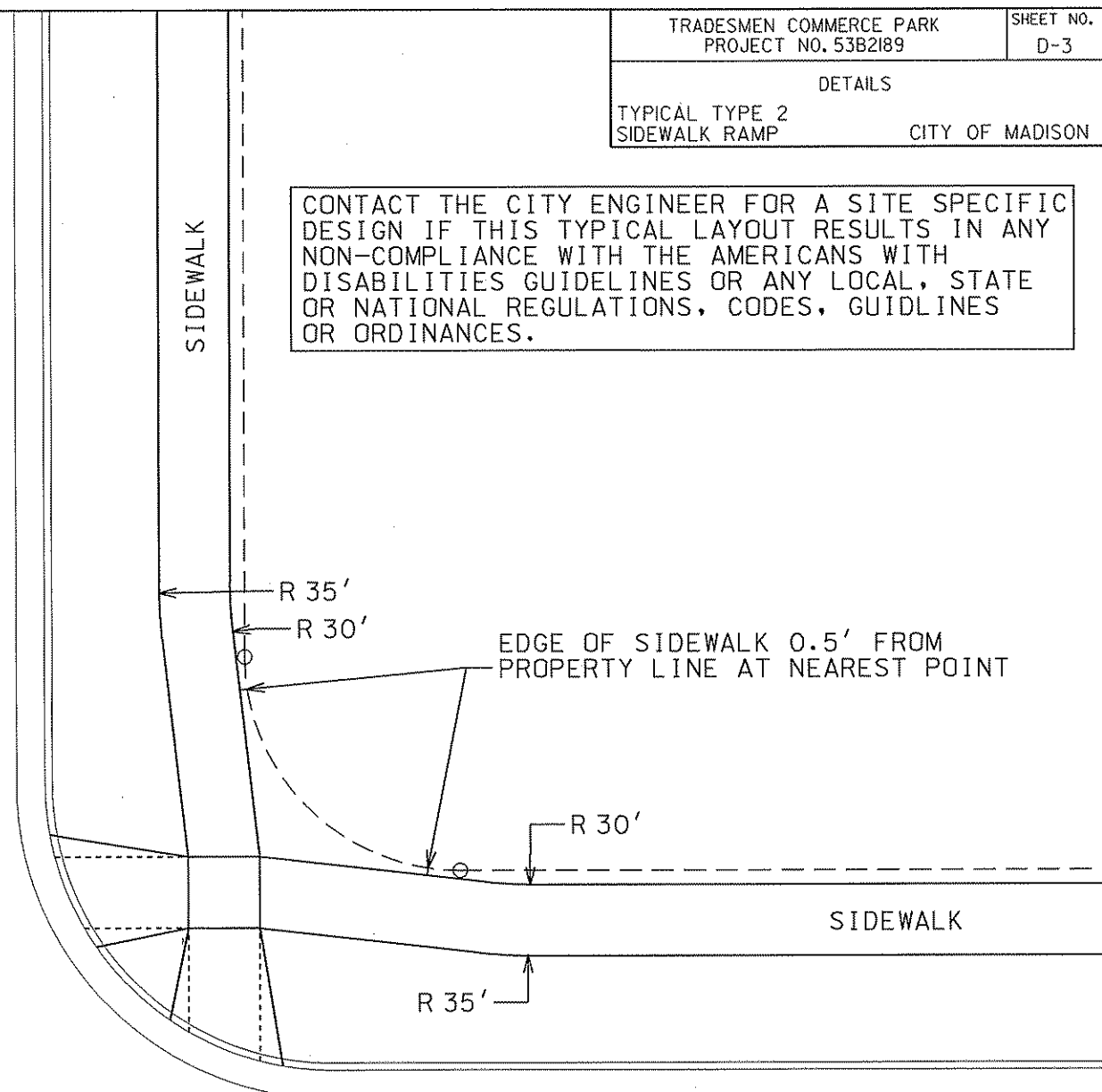
ANY SIDEWALK ELEVATIONS INDICATED ON THE PLAN NEAR THE RAMPS ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION. ACTUAL SIDEWALK AND RAMP ELEVATIONS SHALL BE DETERMINED BASED ON THE AS BUILT ELEVATIONS OF THE CURB AND GUTTER.

CONTACT THE CITY ENGINEER FOR A SITE SPECIFIC DESIGN IF THIS TYPICAL LAYOUT RESULTS IN ANY NON-COMPLIANCE WITH THE AMERICANS WITH DISABILITIES GUIDELINES OR ANY LOCAL, STATE OR NATIONAL REGULATIONS, CODES, GUIDLINES OR ORDINANCES.

LANDING LAYOUT



* THE NEAR CORNER OF THE LANDING SHALL BE 5.85' FROM THE FACE OF CURB, UNLESS SPECIFIED OTHERWISE ON THE PLAN. BOTH OPPOSITE CORNERS OF THE LANDING SHALL BE LOCATED ON THE FACE OF CURB RADIUS LINE WHICH PASSES THROUGH THE MIDPOINT OF THE CURB CURVATURE.

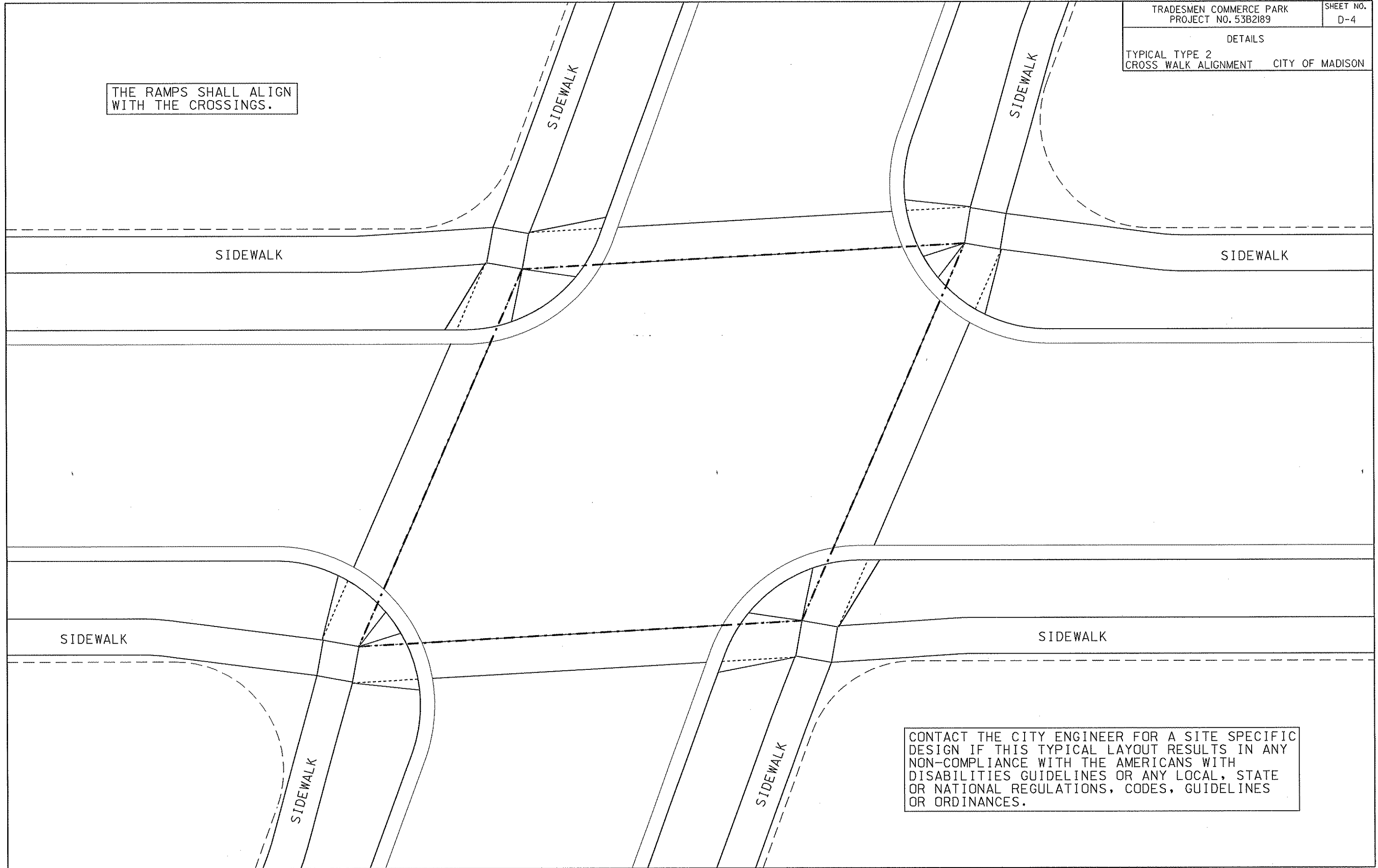


LONGITUDINAL RAMP GRADES SHALL NOT EXCEED 1"/12" NOR BE LESS THAN 2.0% AT ANY POINT. THIS NOTE SHALL TAKE PRECEDENCE OVER ANY ELEVATION OR GRADE INDICATED ON THE PLAN.

SIDEWALK LONGITUDINAL GRADES AT ALL LOCATIONS OTHER THAN RAMPS AND WHERE STREET GRADES ARE MORE THAN 5.0% SHALL NOT EXCEED 5.0%. WHERE STREET GRADES EXCEED 5.0%, THE SIDEWALK LONGITUDINAL GRADE SHALL NOT EXCEED THE STREET GRADE.

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:
PLOT NAME:
REV. DATE:



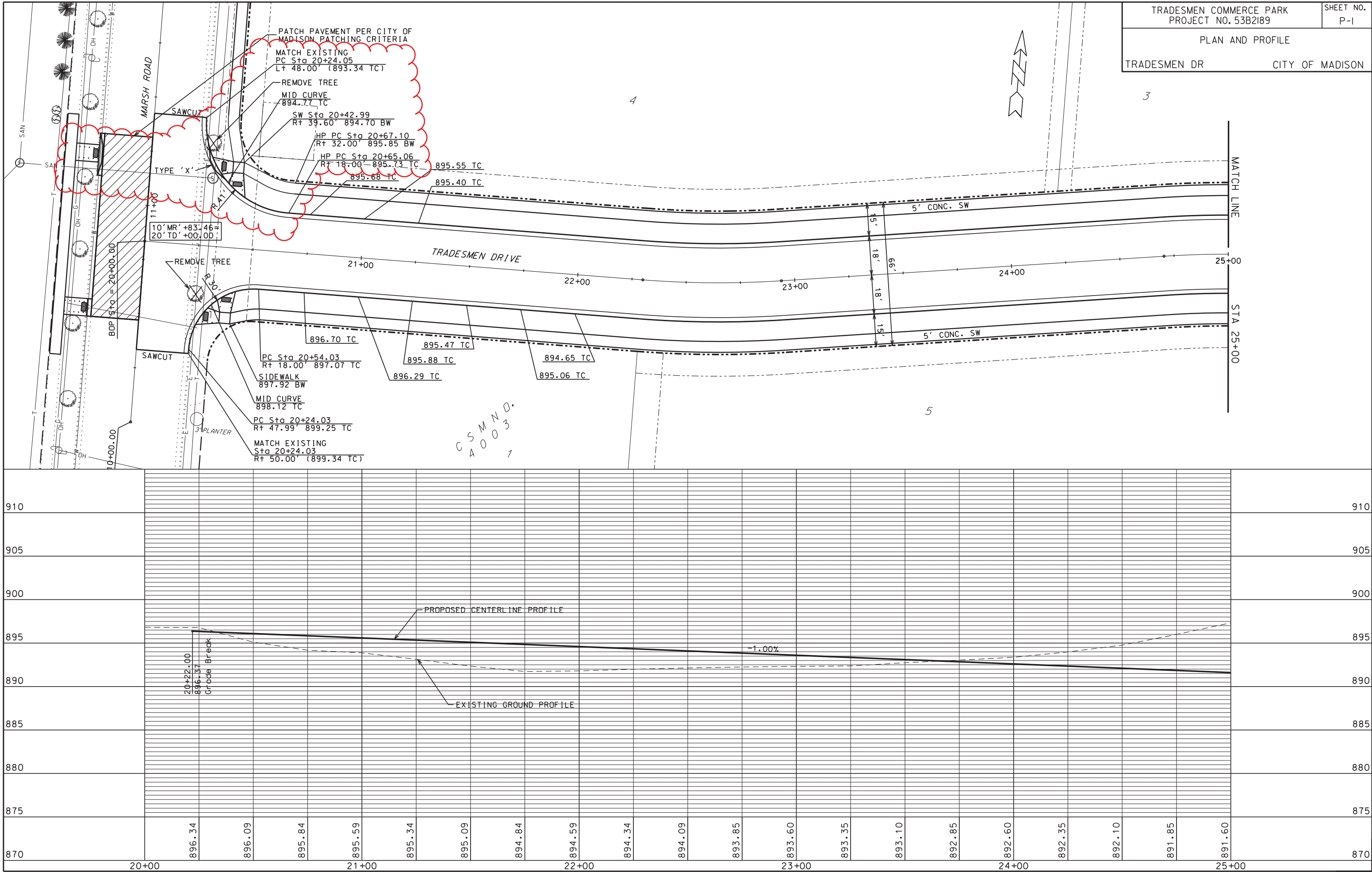
THE RAMPS SHALL ALIGN WITH THE CROSSINGS.

TRADESMEN COMMERCE PARK PROJECT NO. 53B2189	SHEET NO. D-4
DETAILS	
TYPICAL TYPE 2 CROSS WALK ALIGNMENT CITY OF MADISON	

CONTACT THE CITY ENGINEER FOR A SITE SPECIFIC DESIGN IF THIS TYPICAL LAYOUT RESULTS IN ANY NON-COMPLIANCE WITH THE AMERICANS WITH DISABILITIES GUIDELINES OR ANY LOCAL, STATE OR NATIONAL REGULATIONS, CODES, GUIDELINES OR ORDINANCES.

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: _____ PLOT NAME: _____ PLOT SCALE: _____

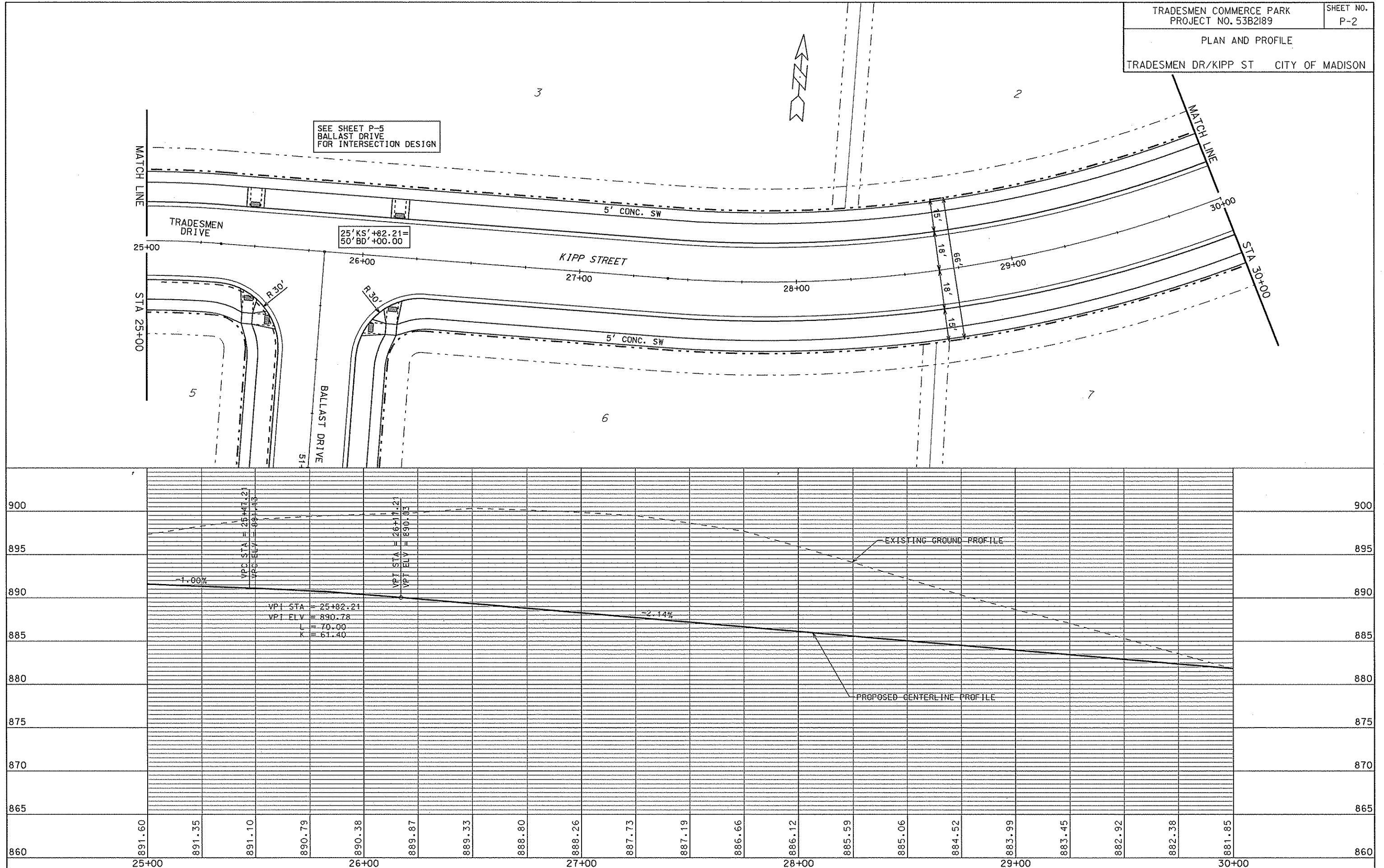


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

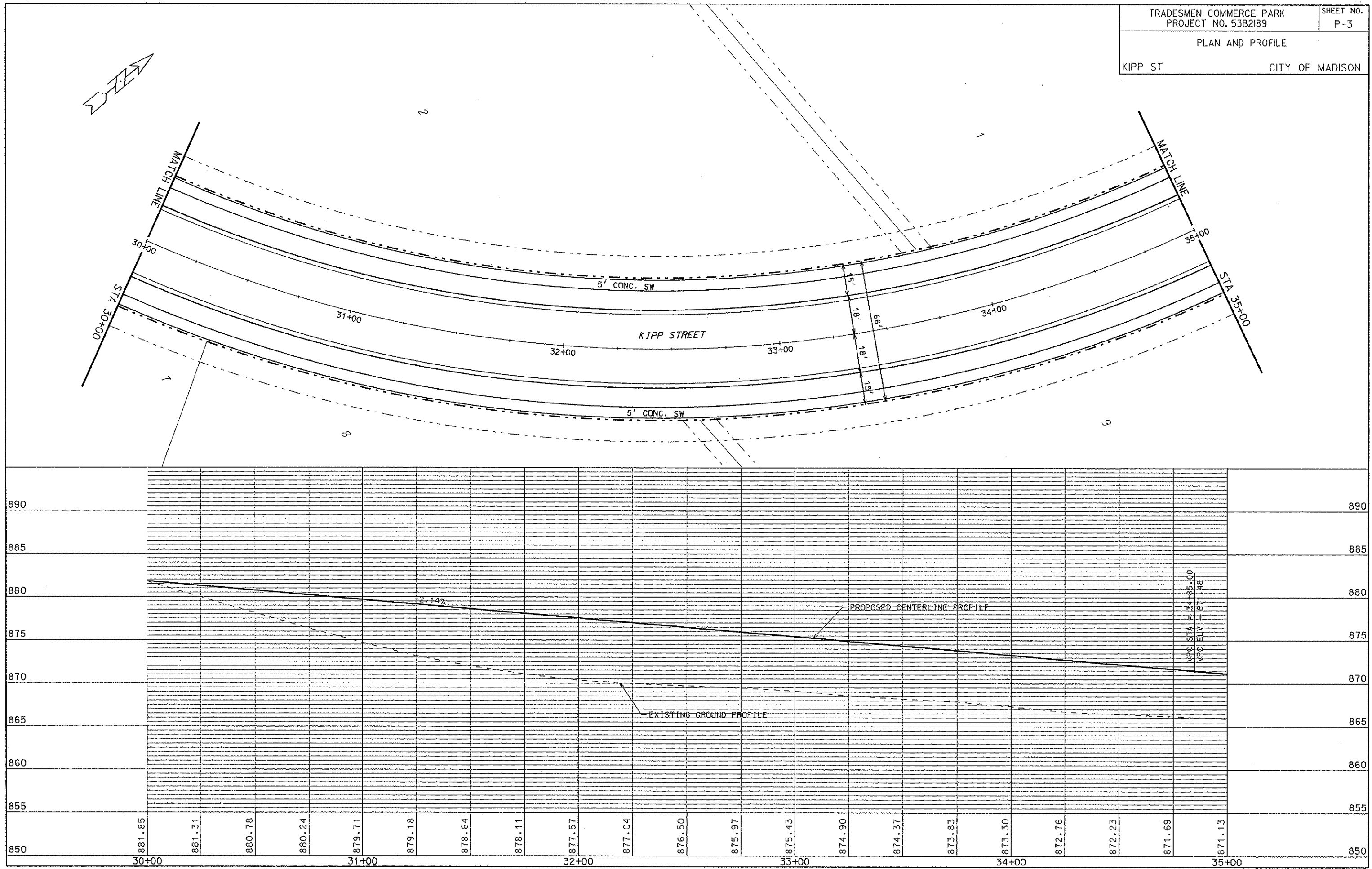
PLOT NAME: TRADESMEN DR/KIPP ST

REV. DATE: 4/17/2008



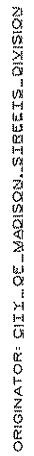
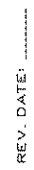
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:



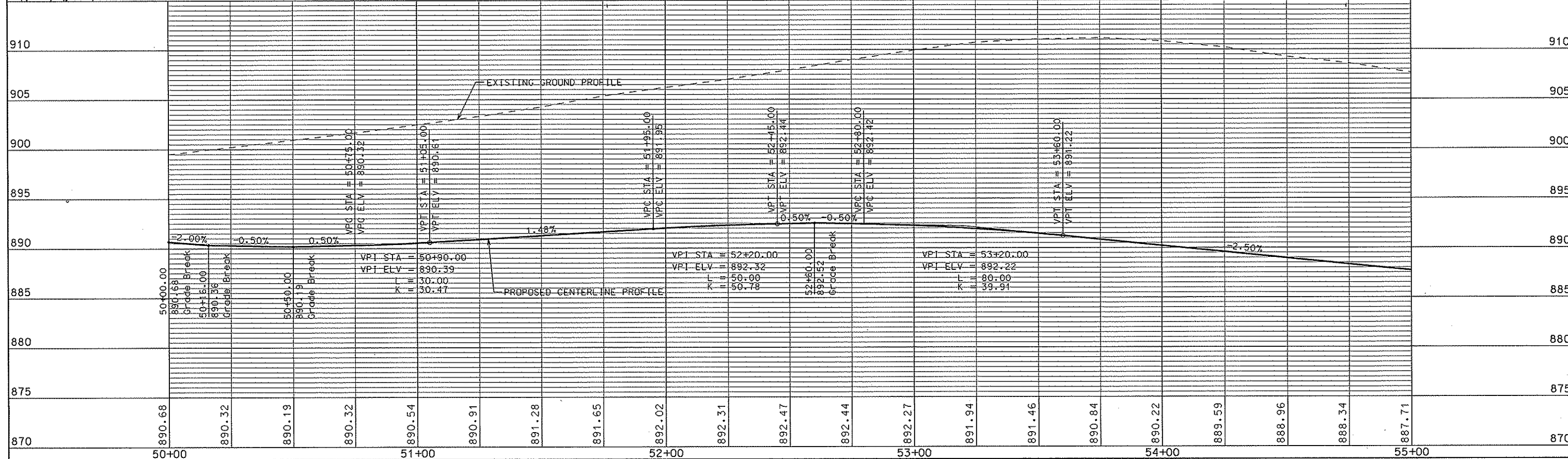
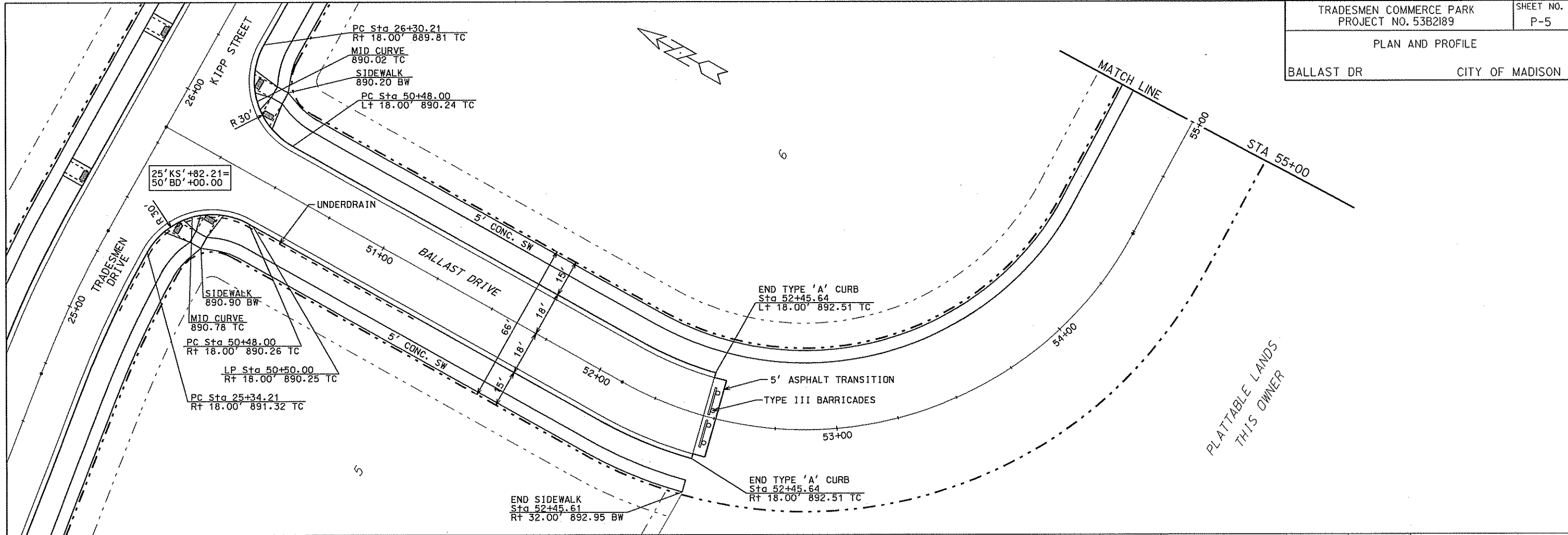
KIPP ST CITY OF MADISON

REV 11/03/09 JMW



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'
PLOT NAME: BALLAST DR
REV. DATE: 4/17/2008

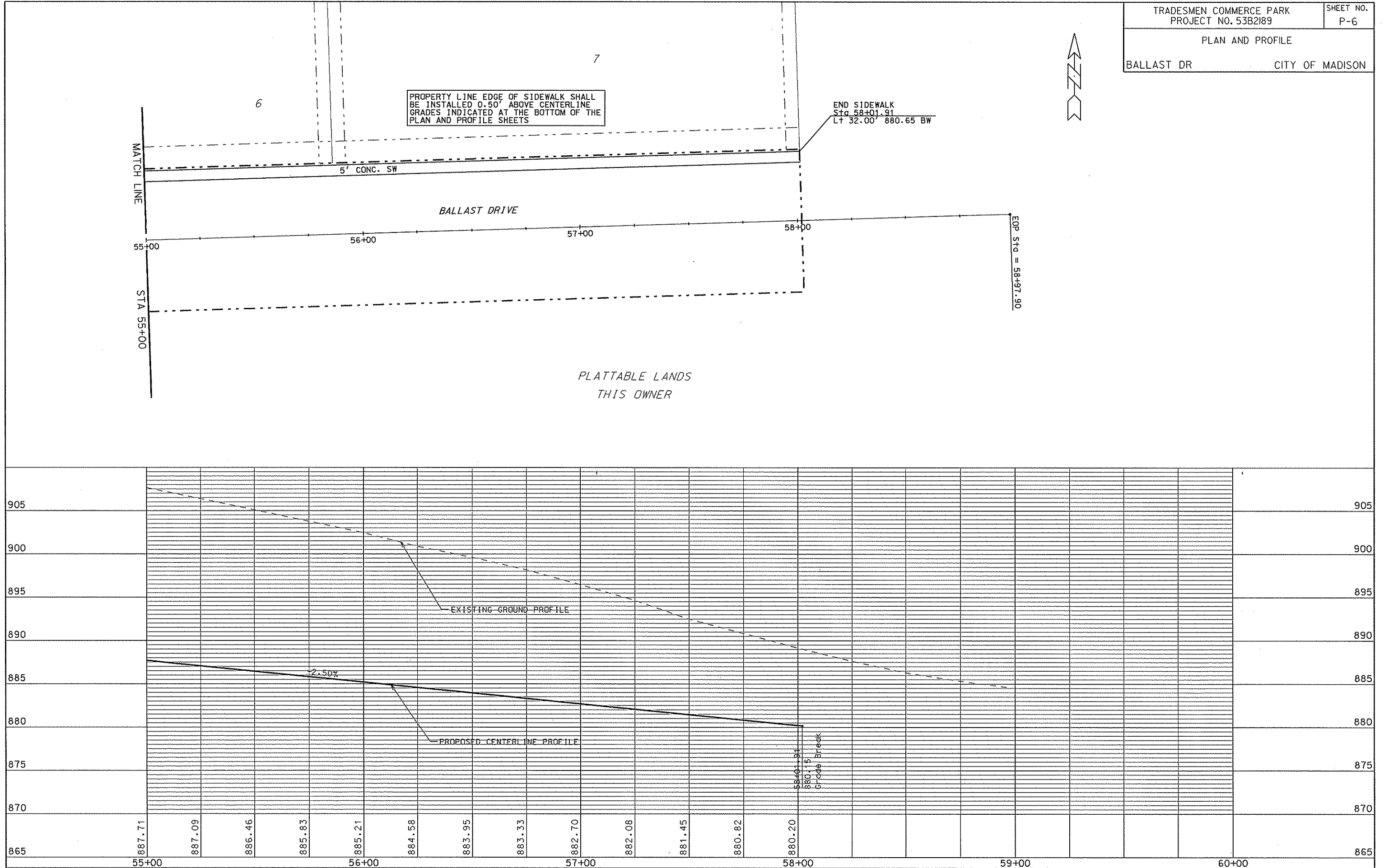


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PLOT SCALE: 1"=40'

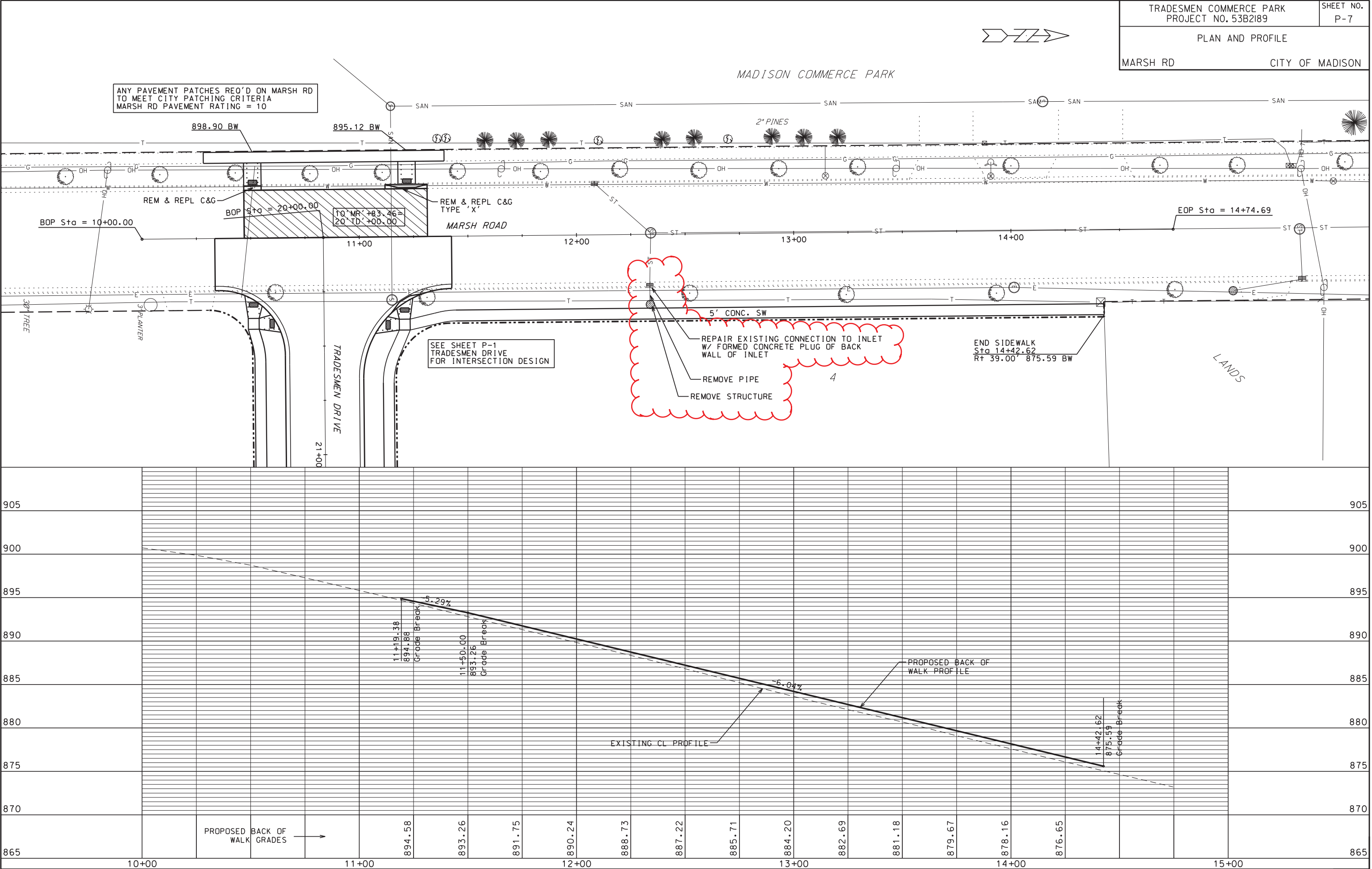
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REV. DATE: 4/17/2008



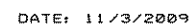
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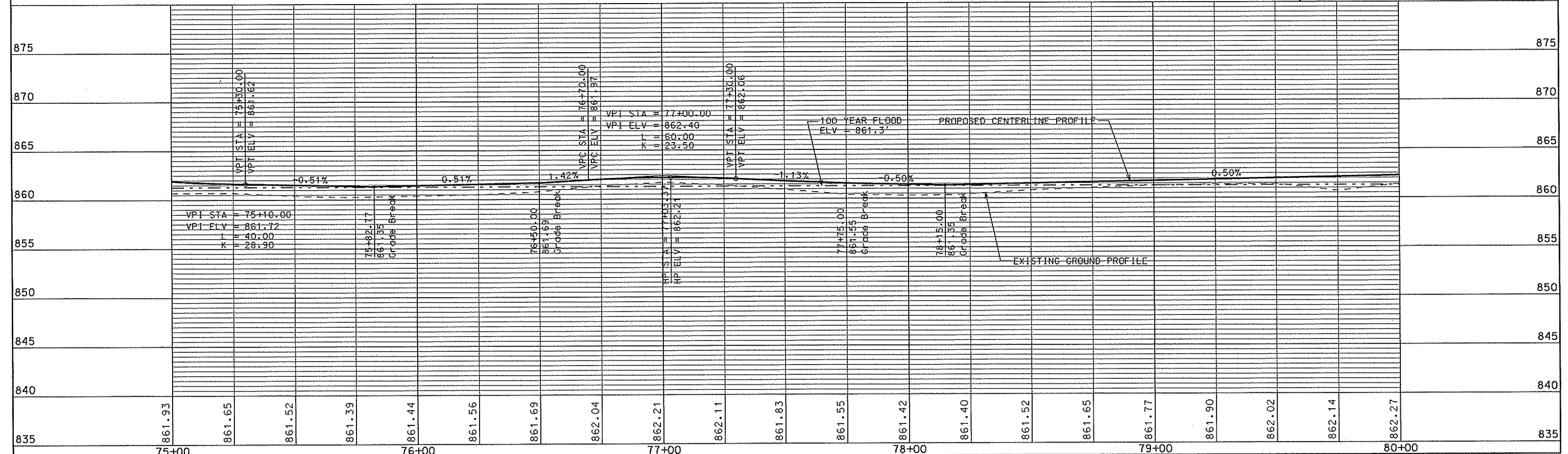
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PLOT NAME: _____
REV. DATE: _____



CITY OF MADISON

REV. 11/03/09 JMW





ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: 53B2189

REV. DATE: 8/25/09

TRADESMEN COMMERCE PARK
PROJECT NO. 53B2189

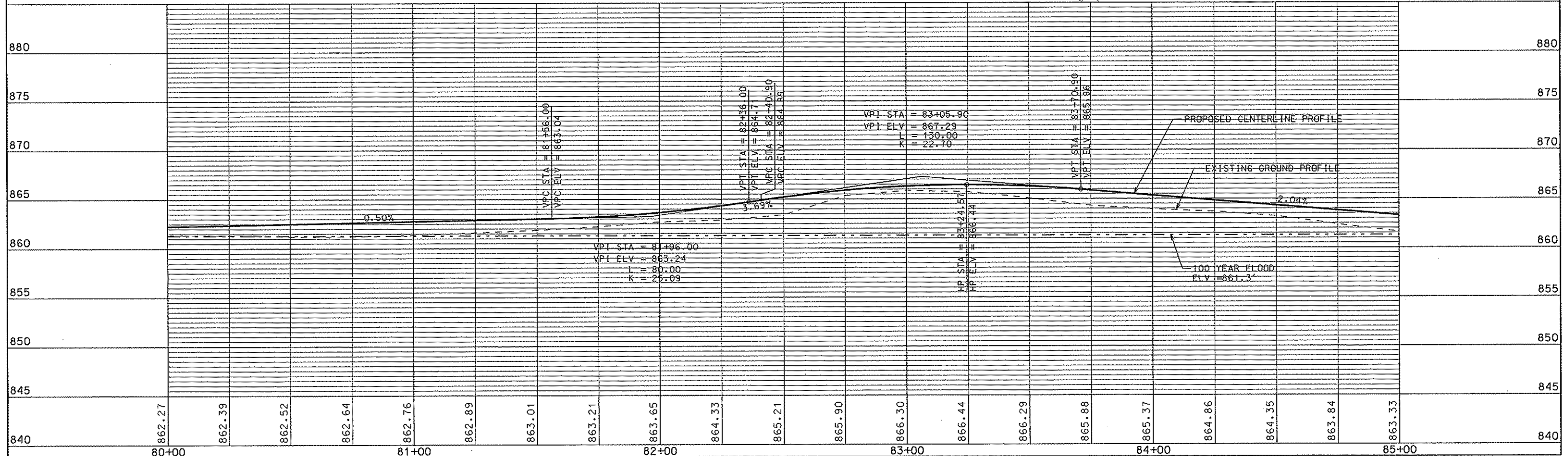
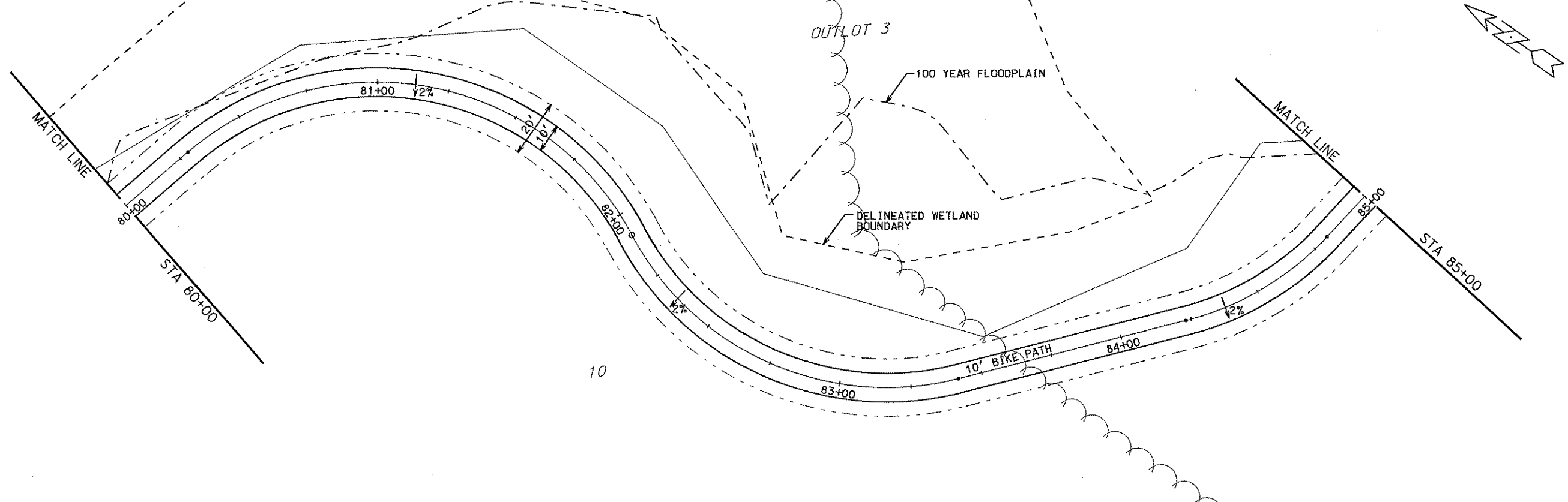
SHEET NO.
P-10

PLAN AND PROFILE

BIKE PATH

CITY OF MADISON

REV. 8/25/09 JMW

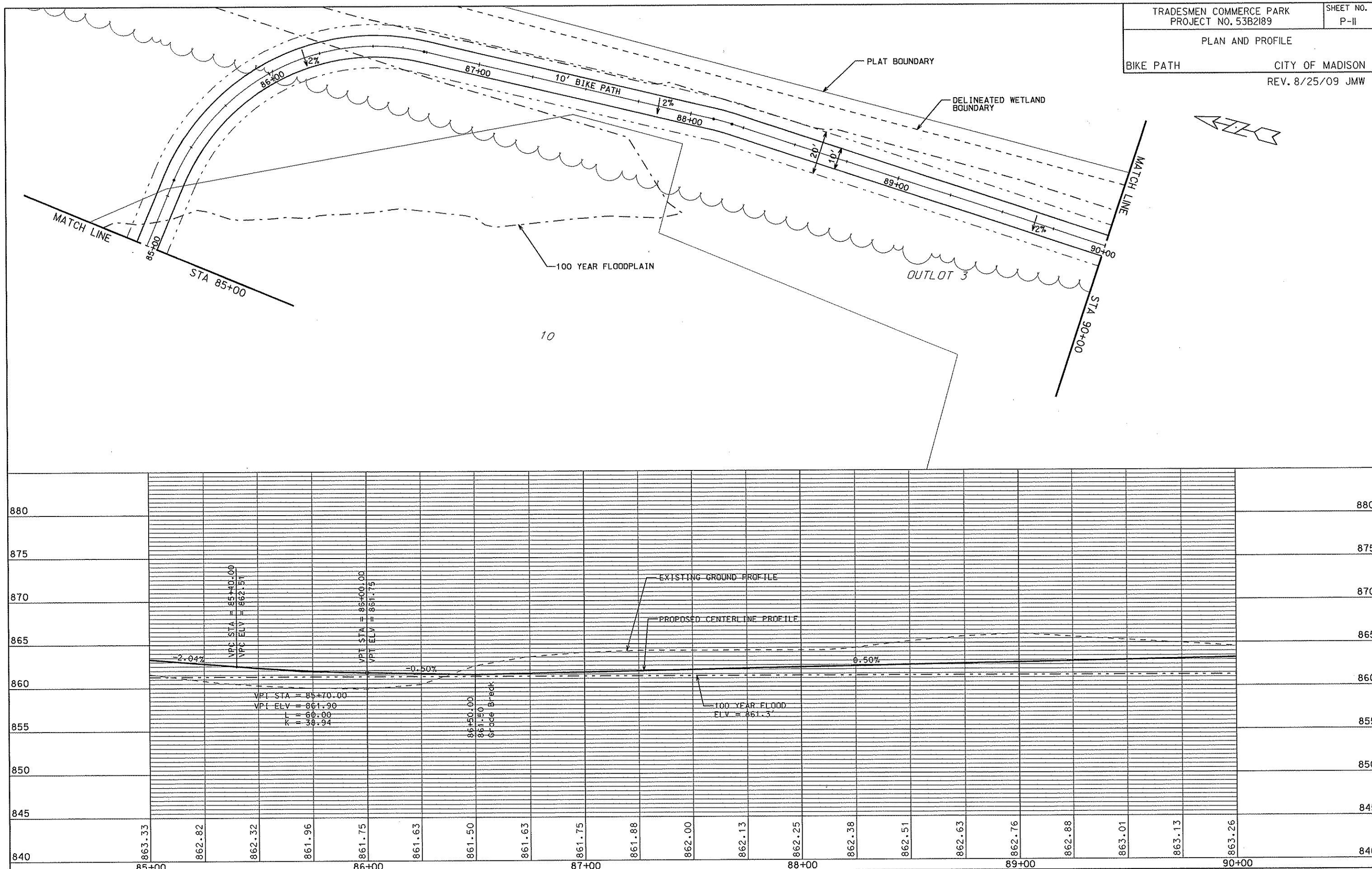


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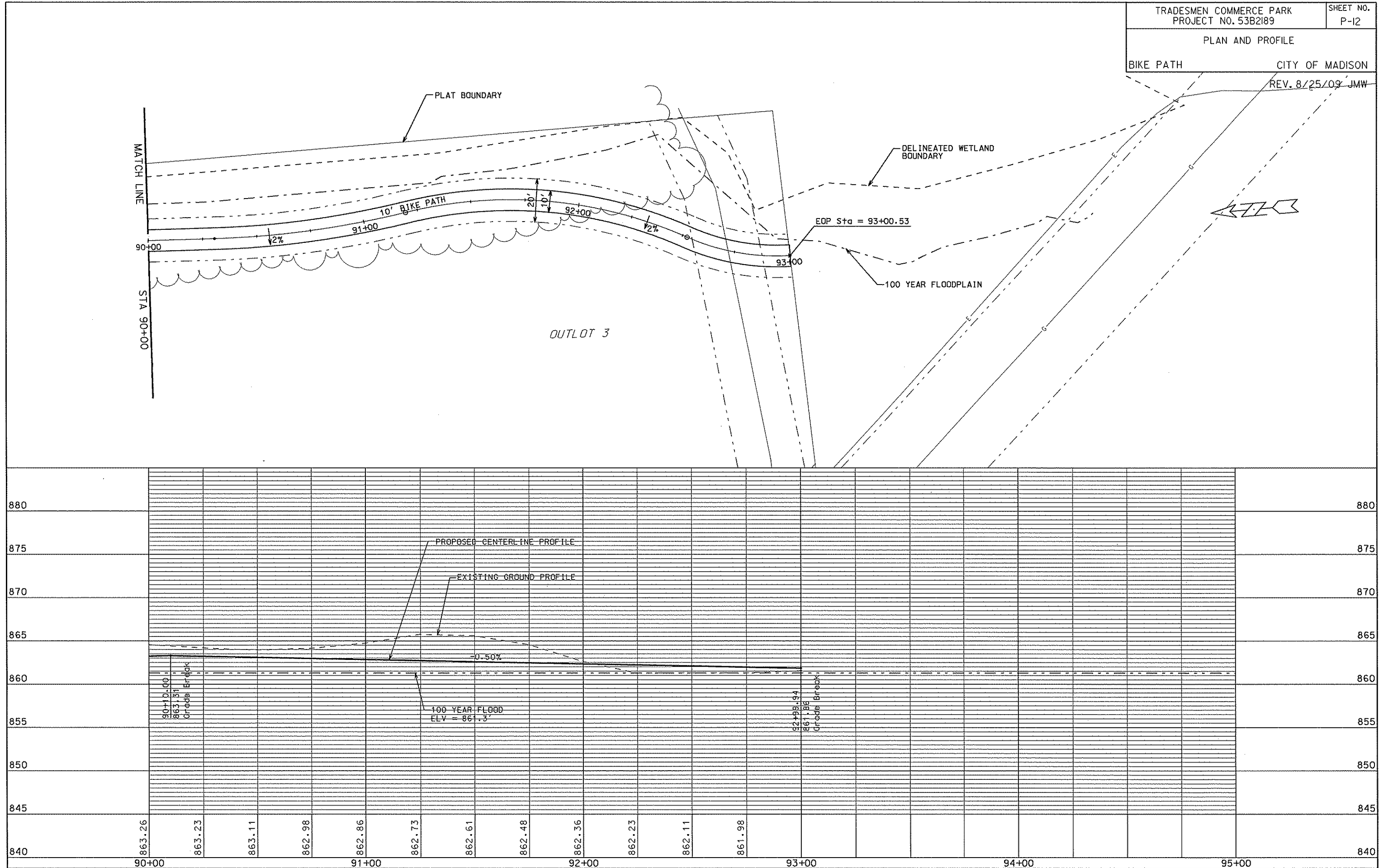
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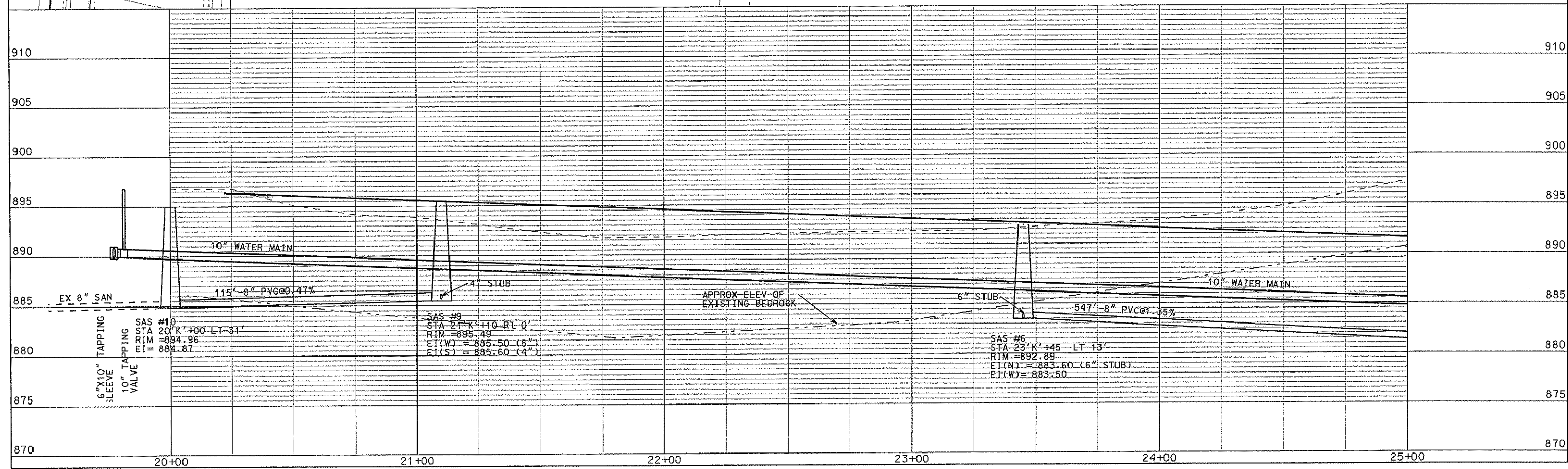
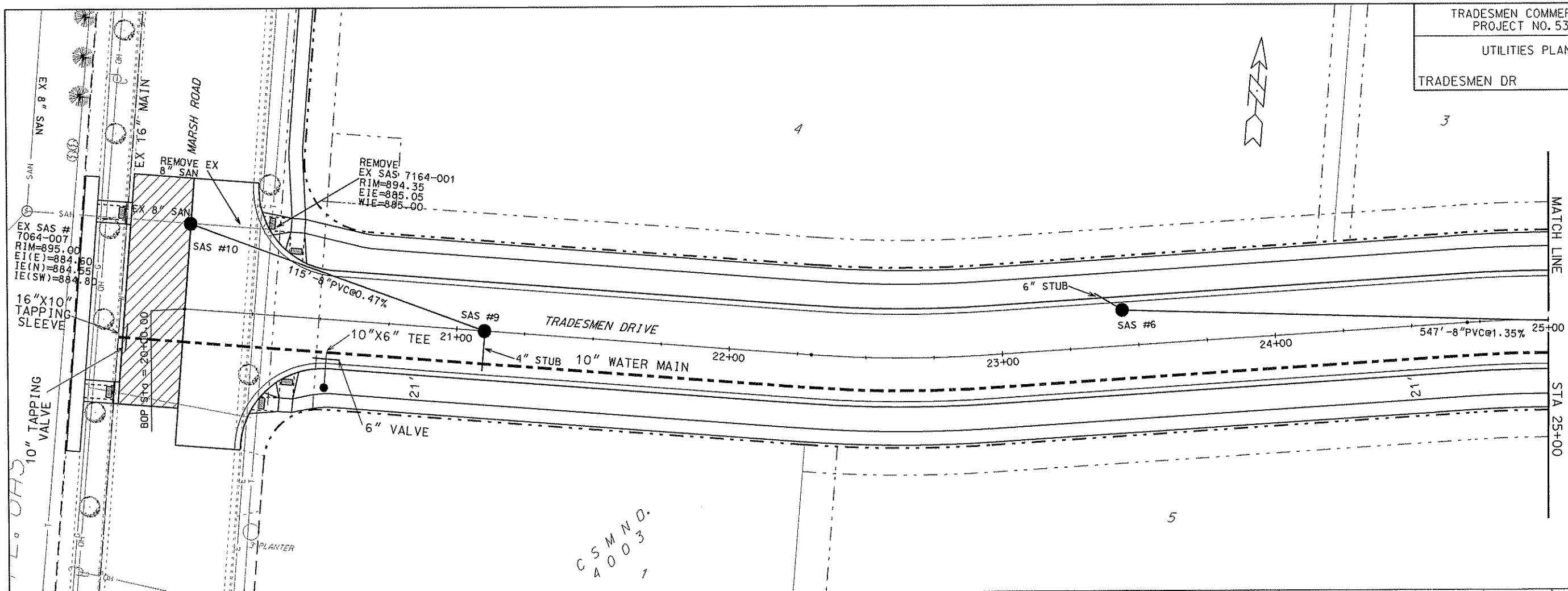
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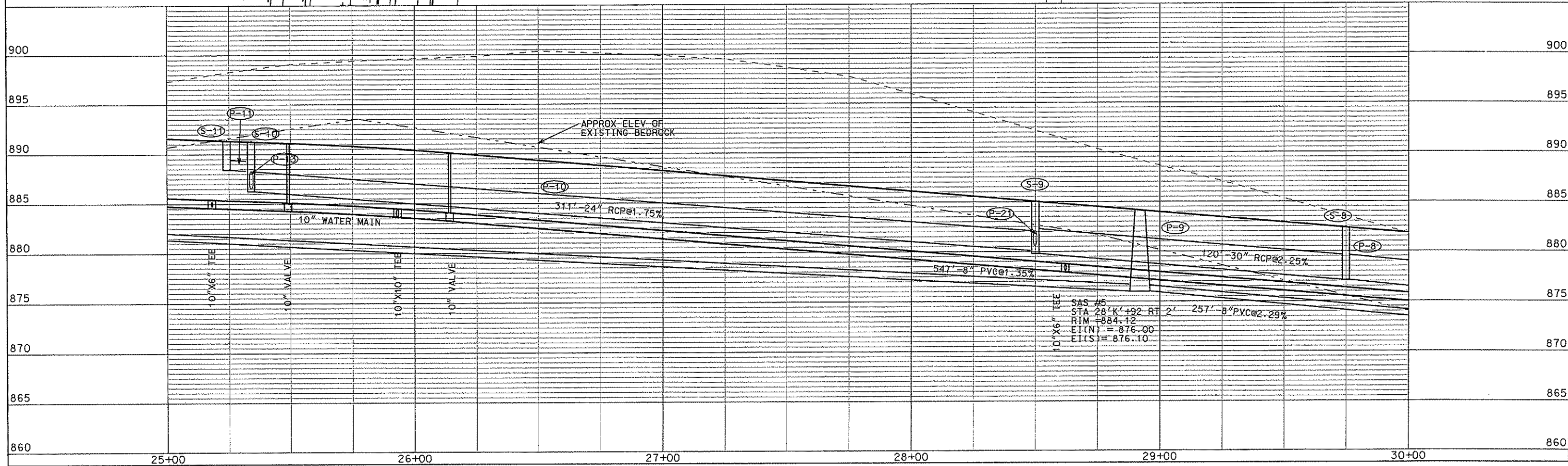
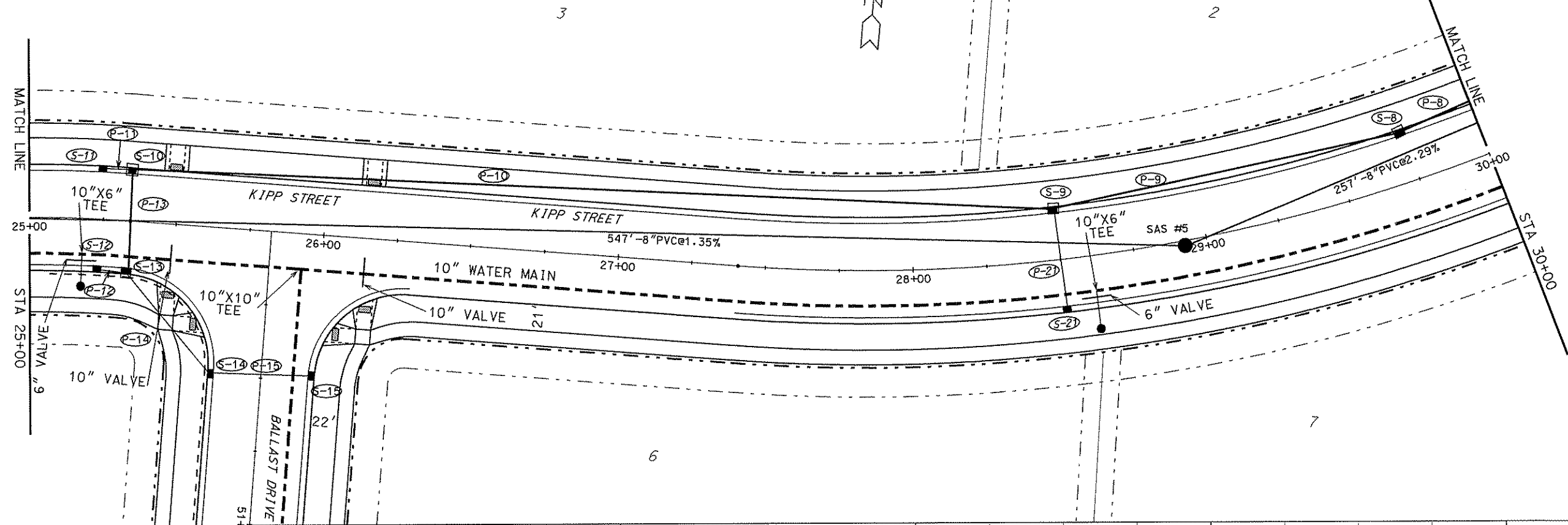
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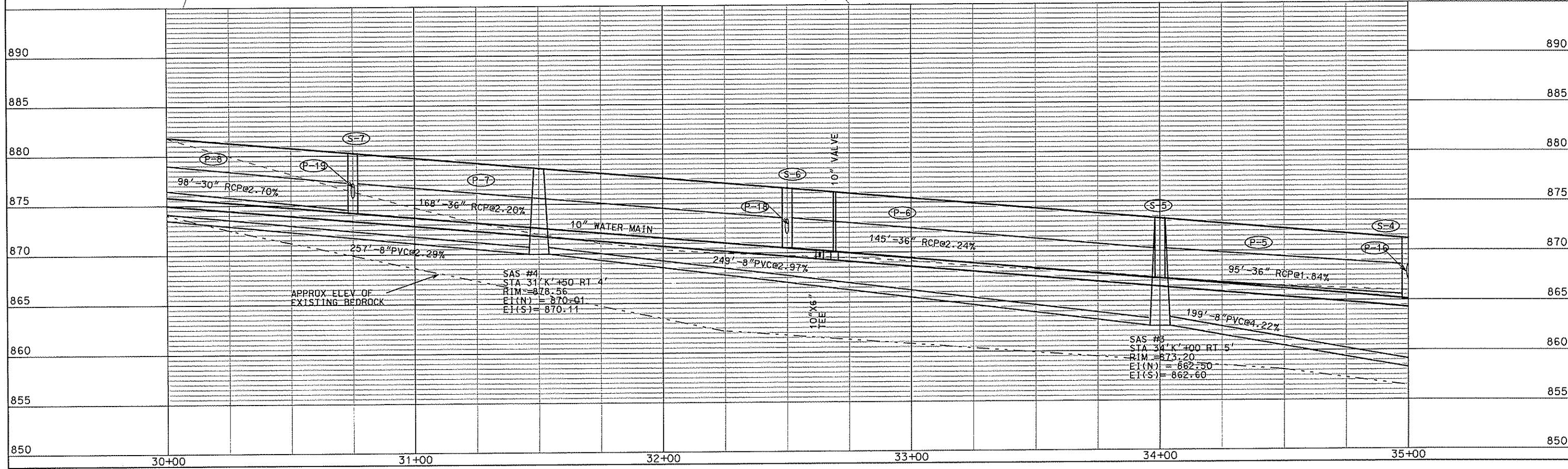
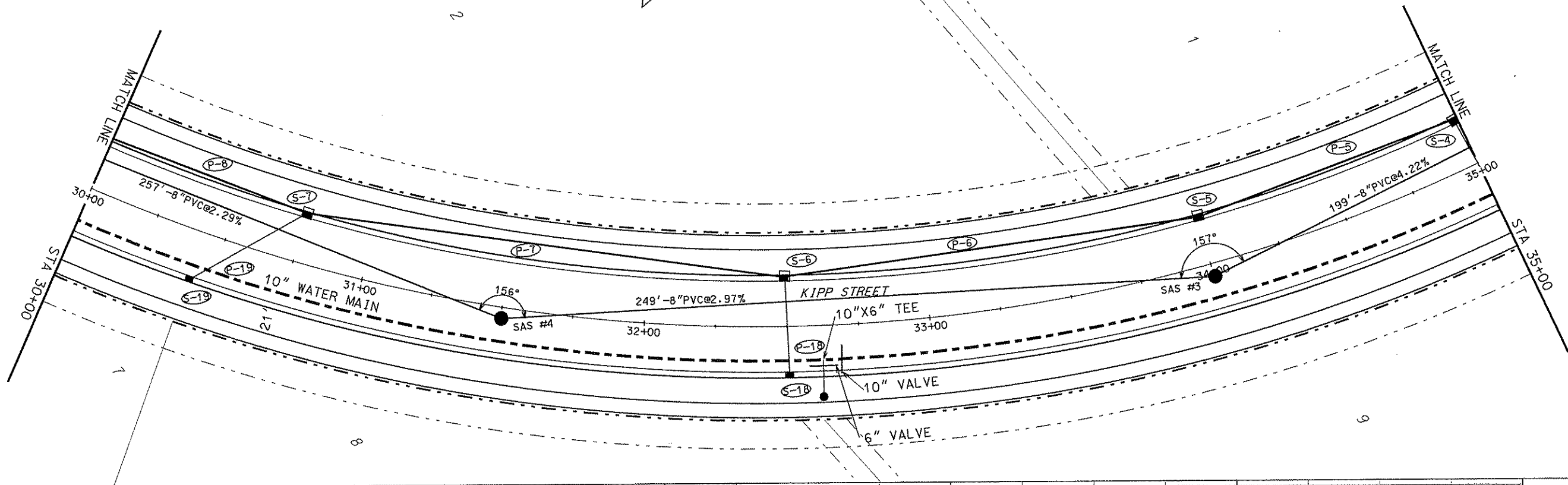
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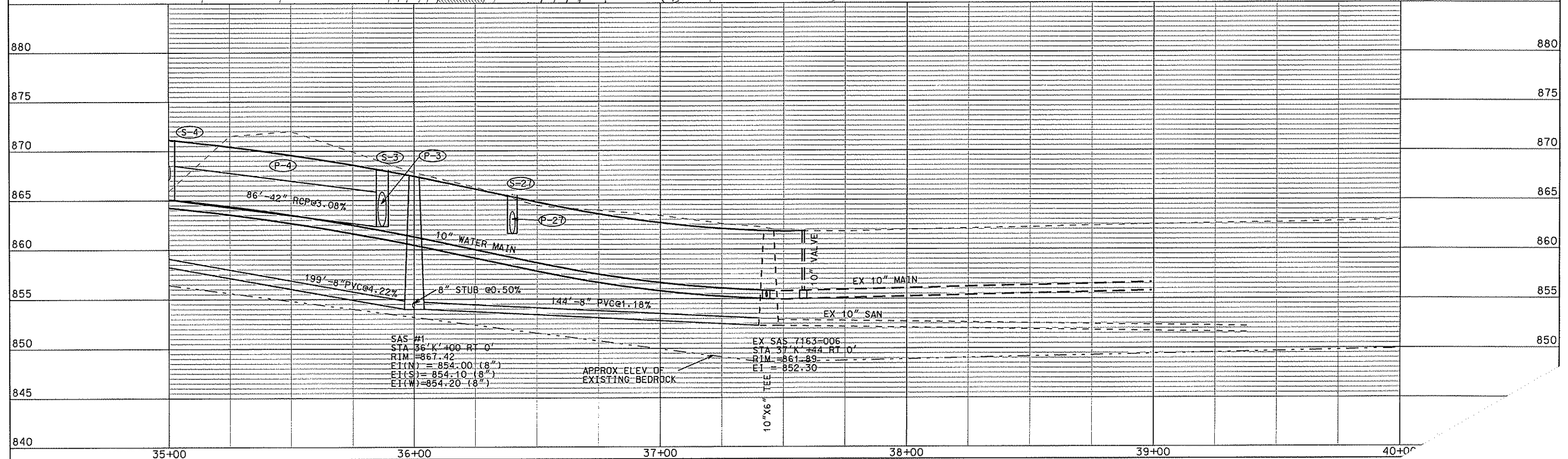




ORIGINATOR: CITY OF MADISON, STREET DESIGN

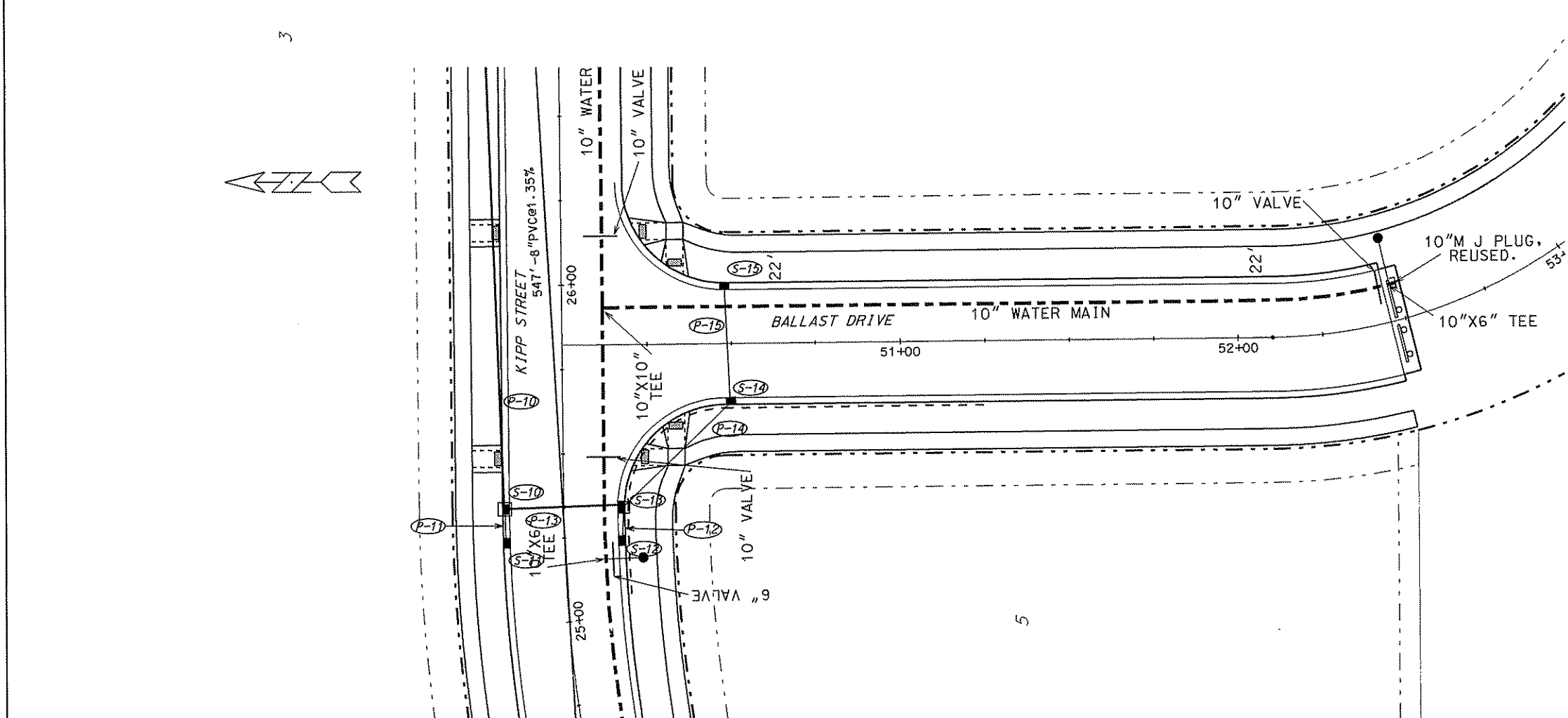
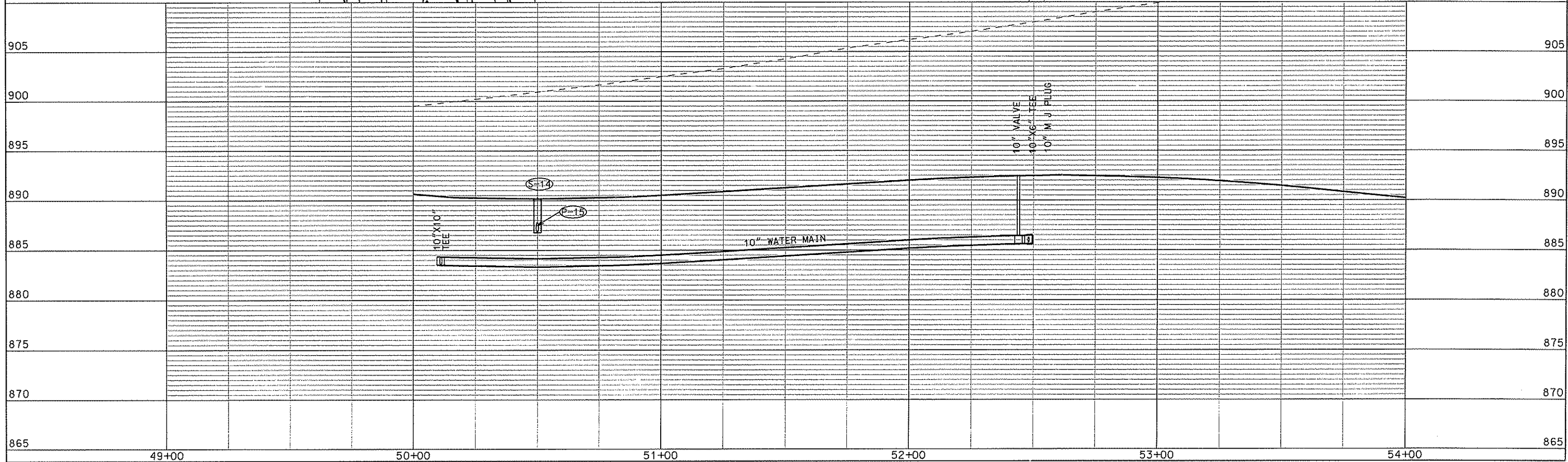






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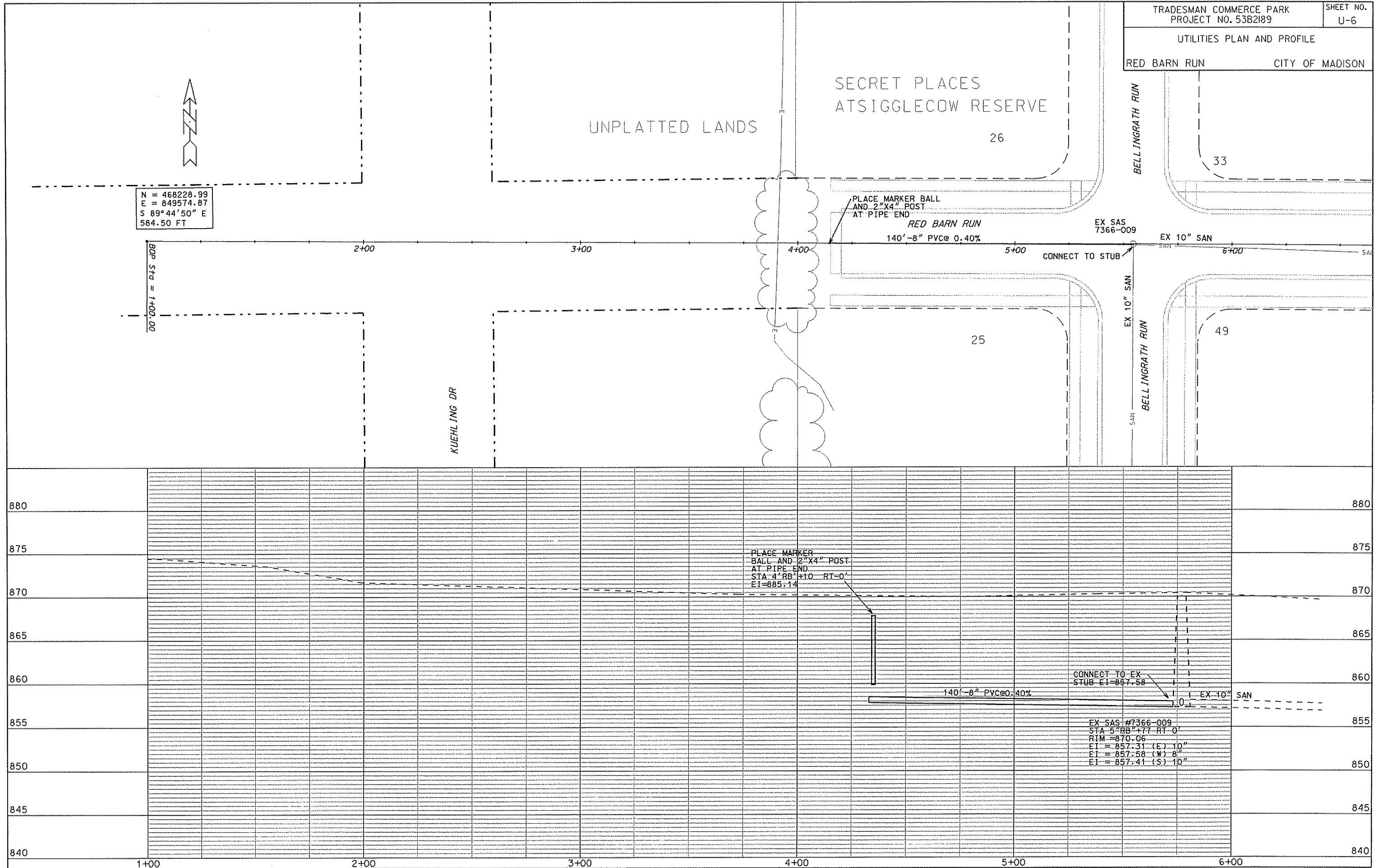


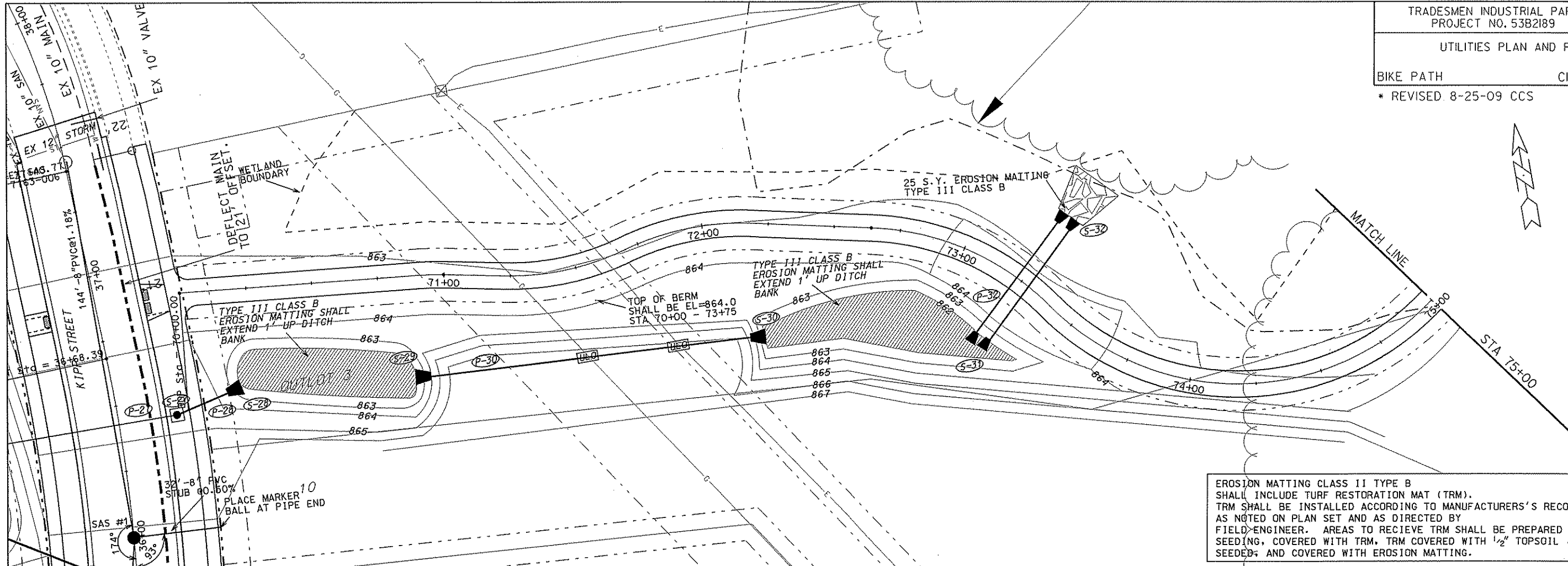
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PLOT SCALE: 1"=40'

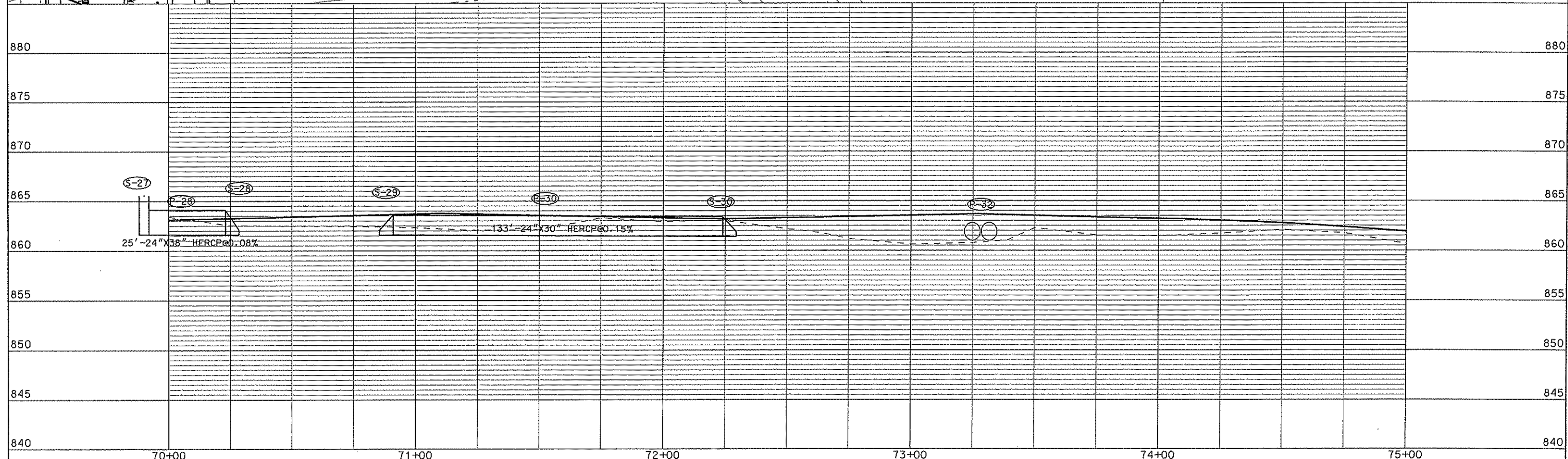
PLOT NAME: U-6

REV. DATE: 4/26/2008

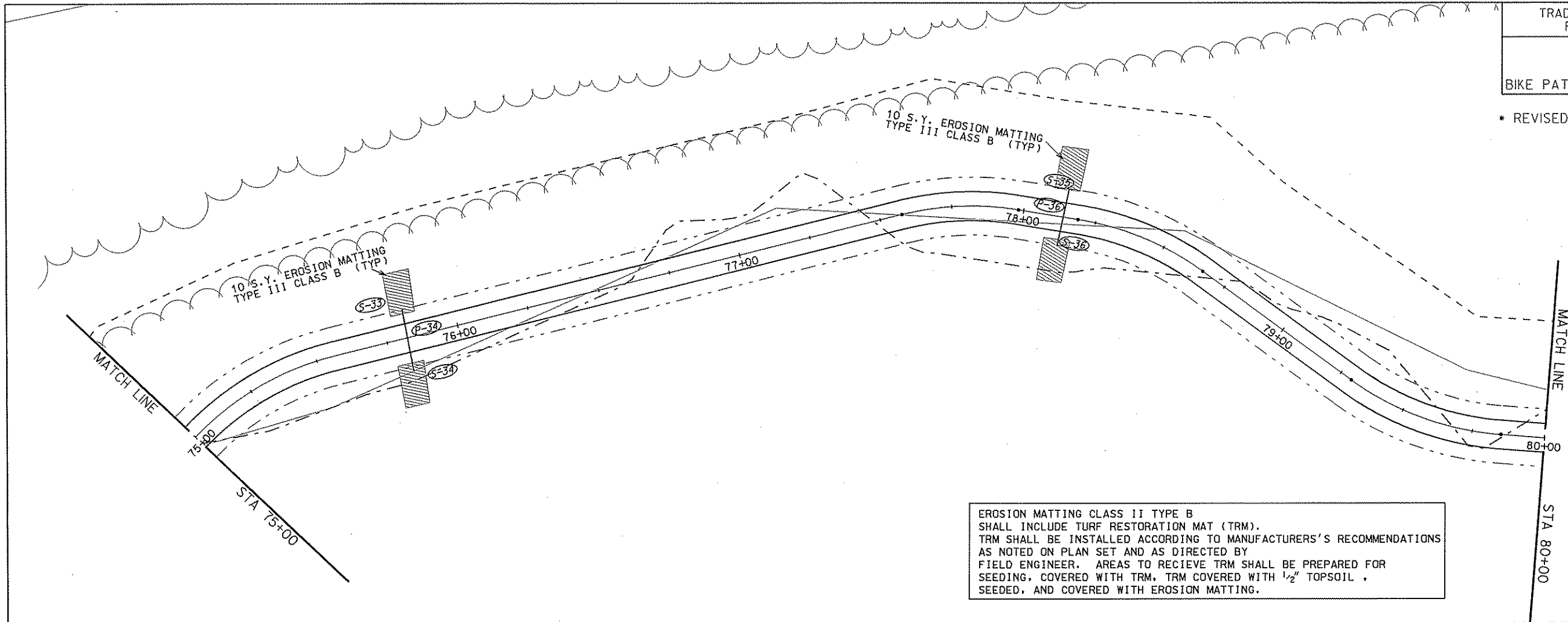




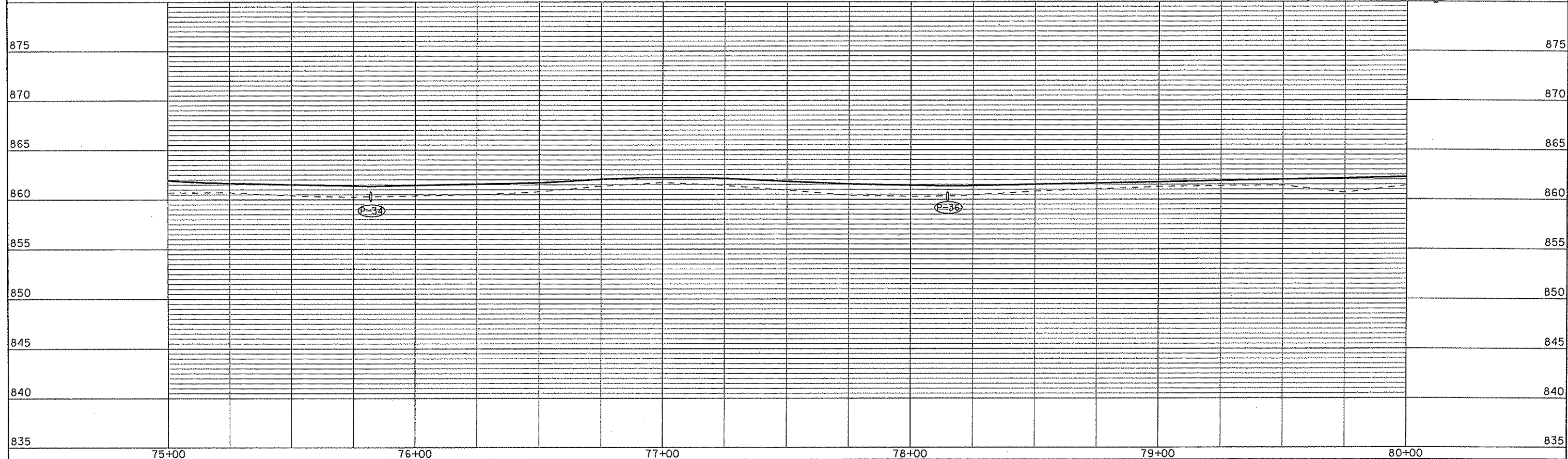
EROSION MATTING CLASS II TYPE B SHALL INCLUDE TURF RESTORATION MAT (TRM). TRM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS'S RECOMMENDATIONS AS NOTED ON PLAN SET AND AS DIRECTED BY FIELD ENGINEER. AREAS TO RECEIVE TRM SHALL BE PREPARED FOR SEEDING, COVERED WITH TRM, TRM COVERED WITH 1/2" TOPSOIL, SEEDING, AND COVERED WITH EROSION MATTING.



* REVISED 8-25-09 CCS



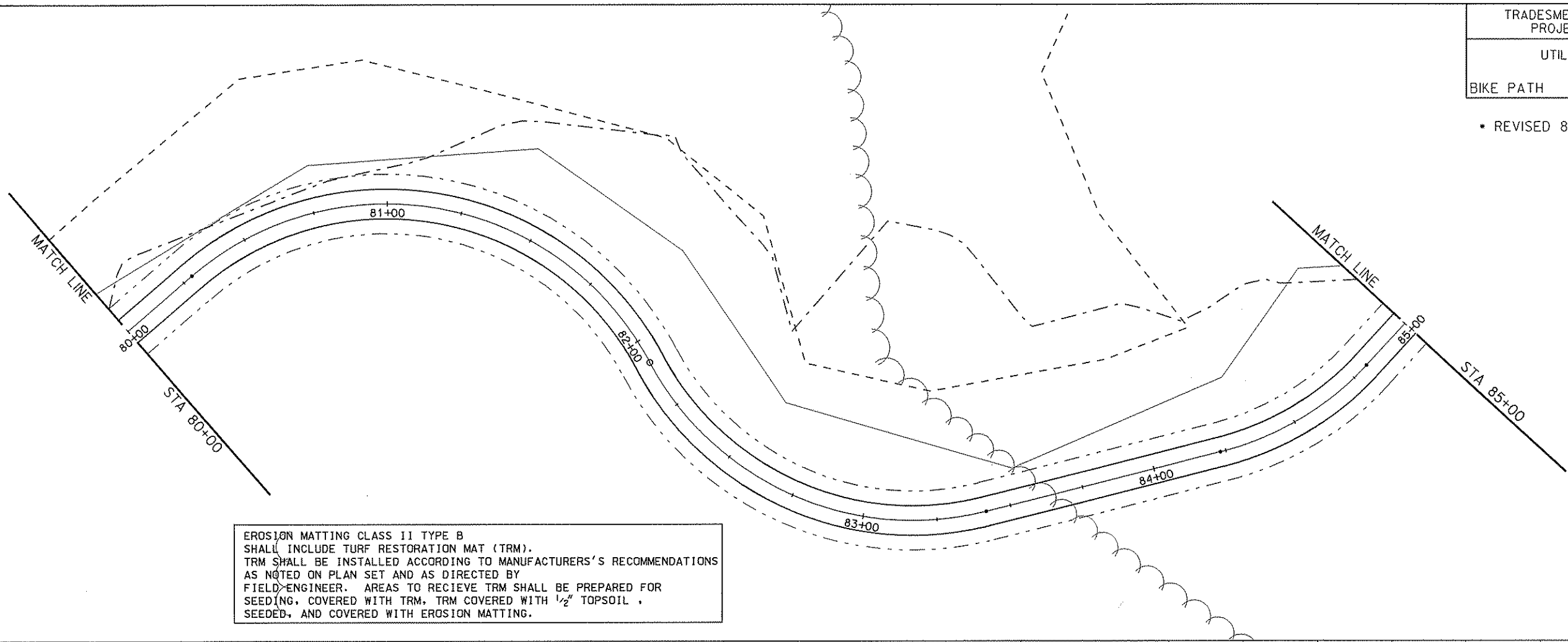
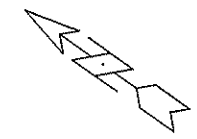
EROSION MATTING CLASS II TYPE B
SHALL INCLUDE TURF RESTORATION MAT (TRM).
TRM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS' RECOMMENDATIONS
AS NOTED ON PLAN SET AND AS DIRECTED BY
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SEEDED, AND COVERED WITH EROSION MATTING.



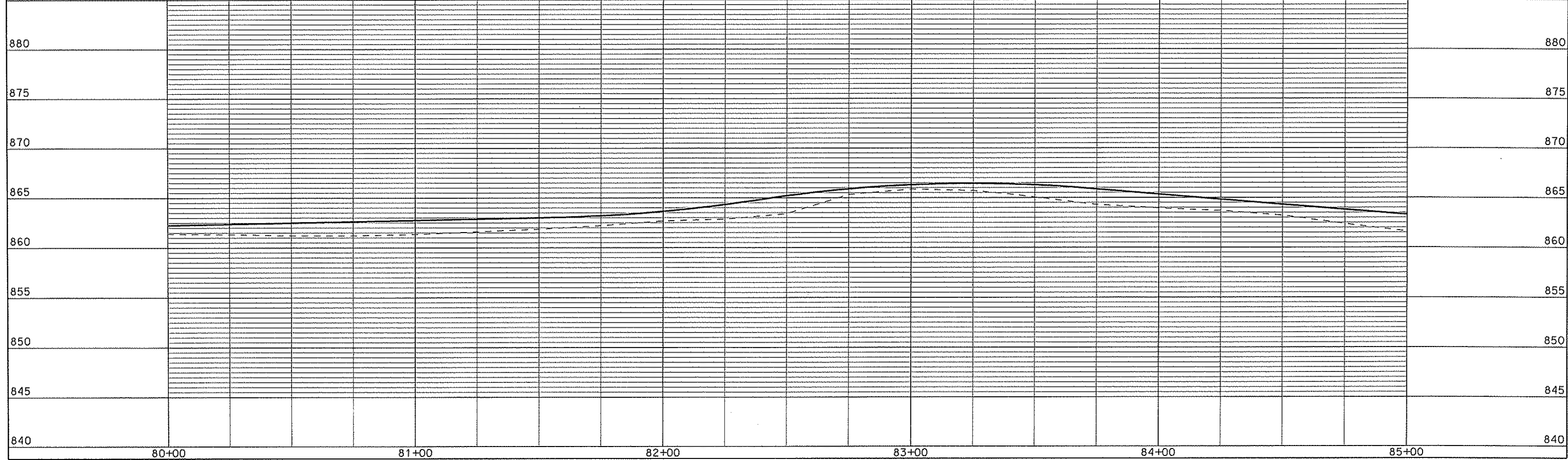
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: PLOT NAME: REV. DATE:

• REVISED 8-25-09 CCS

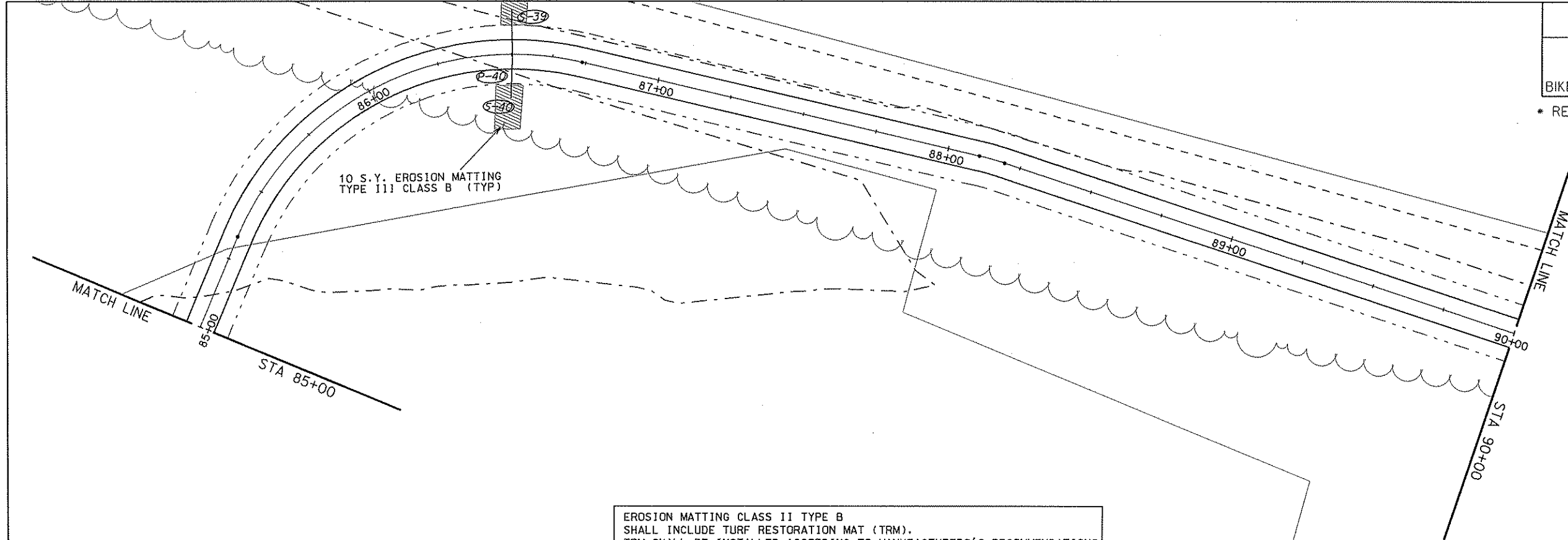


EROSION MATTING CLASS II TYPE B
SHALL INCLUDE TURF RESTORATION MAT (TRM).
TRM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS'S RECOMMENDATIONS
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SEEDING, COVERED WITH TRM, TRM COVERED WITH 1/2" TOPSOIL ,
SEEDED, AND COVERED WITH EROSION MATTING.

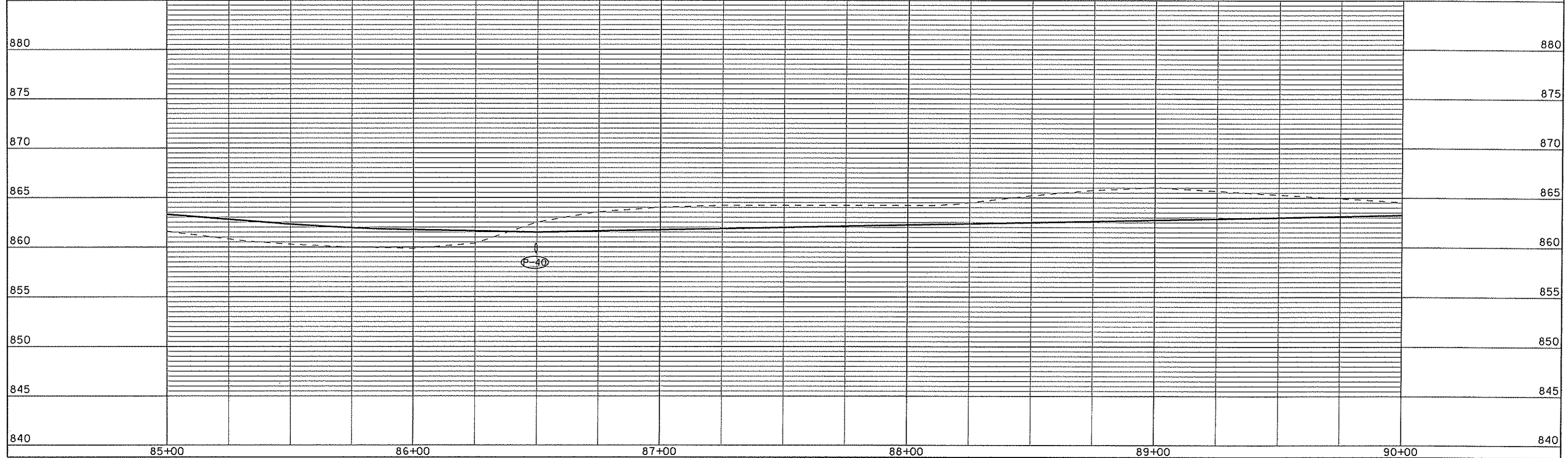


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:
PLOT NAME:
REV. DATE:



EROSION MATTING CLASS II TYPE B SHALL INCLUDE TURF RESTORATION MAT (TRM). TRM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS'S RECOMMENDATIONS AS NOTED ON PLAN SET AND AS DIRECTED BY FIELD ENGINEER. AREAS TO RECIEVE TRM SHALL BE PREPARED FOR SEEDING, COVERED WITH TRM, TRM COVERED WITH 1/2" TOPSOIL, SEEDED, AND COVERED WITH EROSION MATTING.



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: PLOT NAME: REV. DATE:

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

STORM SEWER SCHEDULE

ALIGNMENT CODES:

"K"=KIPP ST
"T"= TRADESMAN DRIVE
"BP"=BIKE PATH

* REVISED 8-25-09 CCS

TRADESMAN COMMERCE PARK
PROJECT NO. 53B2189

SHEET NO.
U-11

STORM SEWER SCHEDULE CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	36'K'+09.50	LT-60.00	42" APRON END	---	862.00	---	WITH GATE
S-2	35'K'+74.00	RT-56.00	24" APRON END	---	863.00	---	WITH GATE
S-3	35'K'+87.00	LT-17.50	5X5 SAS	868.10	862.35	5.75	FP; W/R-3067-7004-V
S-4	35'K'+00.00	LT-17.50	5X5 SAS	871.19	865.00	6.19	FP; W/R-3067-7004-V
S-5	34'K'+00.00	LT-17.50	4X4 SAS	873.36	867.25	6.11	W/R-3067-7004-V
S-6	32'K'+50.00	LT-17.50	4X4 SAS	876.56	870.50	6.06	W/R-3067-7004-V
S-7	30'K'+75.00	LT-17.50	4X4 SAS	880.30	874.20	6.10	W/R-3067-7004-V
S-8	29'K'+75.00	LT-17.50	4X4 SAS	882.44	877.10	5.34	W/R-3067-7004-V
S-9	28'K'+50.00	LT-17.50	3X3 SAS	885.12	879.80	5.32	W/R-3067-7004-V
S-10	25'K'+34.00	LT-17.50	3X3 SAS	891.32	885.75	5.57	W/R-3067-7004-V
S-11	25'K'+24.00	LT-17.50	H INLET	891.42	888.42	3.00	W/R-3067-7004-V
S-12	25'K'+24.00	RT-17.50	H INLET	891.42	888.42	3.00	W/R-3067-7004-V
S-13	25'K'+34.21	RT-17.50	3X3 SAS	891.32	886.31	5.01	W/R-3067-7004-V
S-14	50'T'+50.00	RT-17.50	H INLET	890.25	886.78	3.47	W/R-3067-7004
S-15	50'T'+48.00	LT-17.50	H INLET	890.24	887.24	3.00	W/R-3067-7004-V
S-16	35'K'+00.00	RT-17.50	H INLET	871.19	867.59	3.60	W/R-3067-7004-V
S-18	32'K'+50.00	RT-17.50	H INLET	876.56	872.96	3.60	W/R-3067-7004-V
S-19	30'K'+44.00	RT-17.50	H INLET	880.97	877.37	3.60	W/R-3067-7004-V
S-21	28'K'+50.00	RT-17.50	H INLET	885.12	881.52	3.60	W/R-3067-7004-V
S-25	36'K'+69.00	LT-81.50	30" APRON END	---	859.00	---	W/GATE
S-26	36'K'+40.00	LT-52.00	CONTROL STRUCT	867.00	857.50	9.50	SEE POND PLANS
S-27	36'K'+40.00	RT-22.50	4X4 SAS	865.55	861.62	3.93	FP; W/R-1550-0054
S-28	36'K'+49.50	RT-48.00	24"x38" APRON END	---	861.60	---	W/GATE
S-29	70'BP'+89.00	RT-38.50	24"x38" APRON END	---	861.60	---	
S-30	72'BP'+26.00	RT-41.00	24"x38" APRON END	---	861.40	---	
* S-31	73'BP'+29.00	RT-26.00	24"x38" APRON END	---	861.40	---	TWO APRON ENDS
* S-32	73'BP'+27.00	LT-14.50	24"x38" APRON END	---	861.00	---	TWO APRON ENDS
* S-33	75'BP'+82.00	LT-12.00	PIPE END	---	860.00	---	
* S-34	75'BP'+82.00	RT-10.00	PIPE END	---	860.40	---	
* S-35	78'BP'+15.00	LT-12.00	PIPE END	---	860.00	---	
* S-36	78'BP'+15.00	RT-9.00	PIPE END	---	860.20	---	
* S-37	80'BP'+67.00	LT-9.00	12" AE	---		---	
* S-38	80'BP'+67.00	RT-9.00	PIPE END	---		---	
* S-39	86'BP'+50.00	LT-15.00	PIPE END	---	860.20	---	
* S-40	86'BP'+50.00	RT-15.00	PIPE END	---	860.40	---	
* S-41	88'BP'+46.00	LT-9.00	12" AE	---	859.80	---	
* S-42	88'BP'+46.00	RT-9.00	12" AE	---	860.20	---	

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-2	S-3	S-2	75	862.35	863.00	0.87%	24"	RCP	NCM
P-3	S-1	S-3	47	862.00	862.35	0.74%	42"	RCP	
P-4	S-3	S-4	86	862.35	865.00	3.08%	42"	RCP	
P-5	S-4	S-5	95	865.50	867.25	1.84%	36"	RCP	
P-6	S-5	S-6	145	867.25	870.50	2.24%	36"	RCP	
P-7	S-6	S-7	168	870.50	874.20	2.20%	36"	RCP	
P-8	S-7	S-8	98	874.45	877.10	2.70%	30"	RCP	
P-9	S-8	S-9	120	877.10	879.80	2.25%	30"	RCP	
P-10	S-9	S-10	311	880.30	885.75	1.75%	24"	RCP	
P-11	S-10	S-11	10	888.25	888.42	1.70%	12"	RCP	NCM
P-12	S-13	S-12	35	887.31	888.42	3.17%	12"	RCP	
P-13	S-10	S-13	35	886.00	886.31	0.89%	18"	RCP	
P-14	S-13	S-14	44	886.56	886.78	0.50%	15"	RCP	NCM
P-15	S-14	S-15	35	887.03	887.24	0.60%	12"	RCP	
P-16	S-4	S-16	35	867.25	867.59	0.97%	15"	RCP	
P-18	S-6	S-18	35	872.25	872.96	2.03%	15"	RCP	
P-19	S-7	S-19	47	875.95	877.37	3.02%	15"	RCP	
P-21	S-9	S-21	35	880.80	881.52	2.06%	15"	RCP	NCM
P-26	S-26	S-25	38	858.50	859.00	1.32%	30"	RCP	
P-27	S-27	S-26	73	861.62	861.99	0.51%	24x38"	HERCP	
P-28	S-28	S-27	25	861.60	861.62	0.08%	24x38"	HERCP	
P-30	S-30	S-29	133	861.40	861.60	0.15%	24x38"	HERCP	
* P-32	S-32	S-31	59	861.00	861.40	0.68%	19"x30"	TWIN HERCP	
* P-34	S-33	S-34	22	860.00	860.40	1.82%	8"	DUCTILE IRON	
* P-36	S-35	S-36	21	860.00	860.20	0.95%	8"	DUCTILE IRON	
* P-38	S-37	S-38	18	0.00	0.00	0.00%	12"	STORM PIPE	
* P-40	S-39	S-40	40	860.20	860.40	0.50%	8"	DUCTILE IRON	
* P-42	S-41	S-42	18	859.80	860.20	2.22%	12"	STORM PIPE	

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT COREY STELLJES OF CITY ENGINEERING AT (608) 266-9721 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

SPECIFIC NOTES

TRADESMEN COMMERCE PARK PROJECT NO. 53B2189	SHEET NO. U-12
PROJECT NO. 53B2187 WATER MATERIALS LIST	
WATER UTILITY	CITY OF MADISON
M-I-0860-03	S-I-0860-04

WATER MATERIALS LIST

MATERIALS SUPPLIED BY THE CONTRACTOR

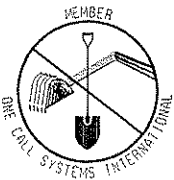
- 2034' - 10" PIPE
- 72' - 6" PIPE
- 4 - 10" VALVES AND BOXES
- 4 - 6" VALVES AND BOXES
- 1 - 10"X10" TEE
- 5 - 10"X6" TEES
- 5 - 5" HYDRANTS
- 2240' - POLY. WRAP

MATERIALS SUPPLIED BY THE CITY

- 1 - 16"X10" TAPPING SLEEVE
- 1 - 10" TAPPING VALVE

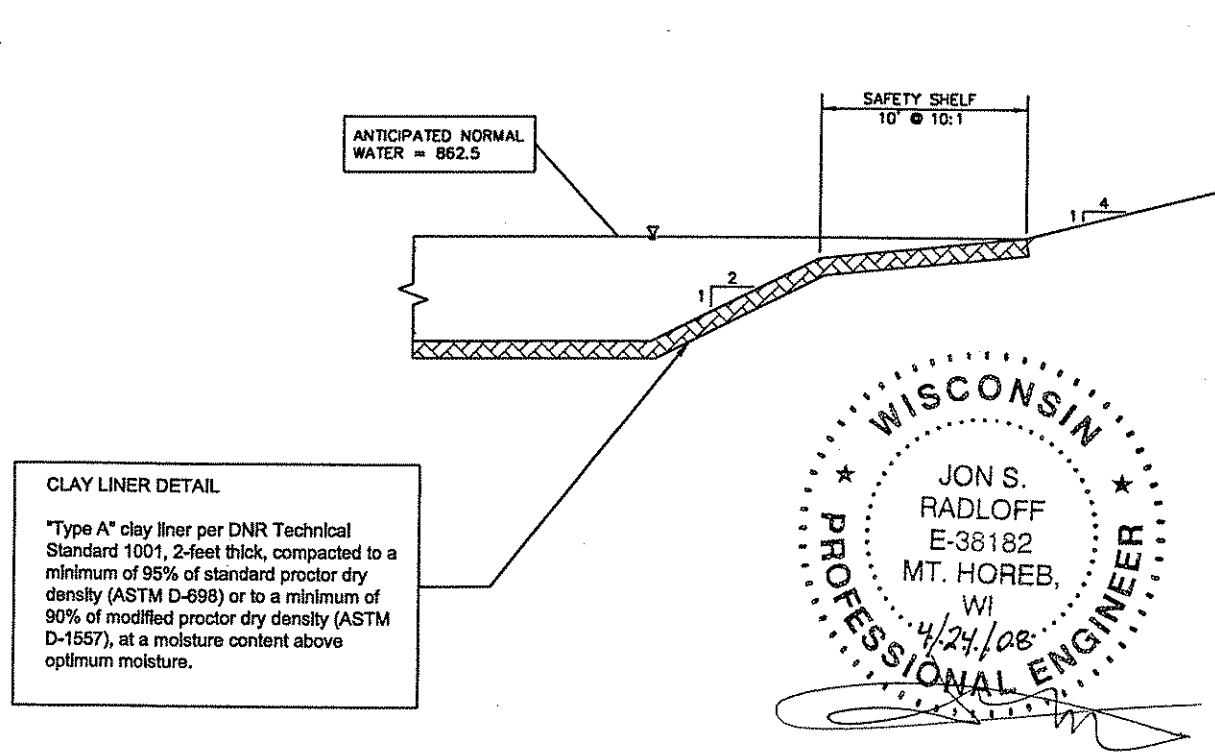
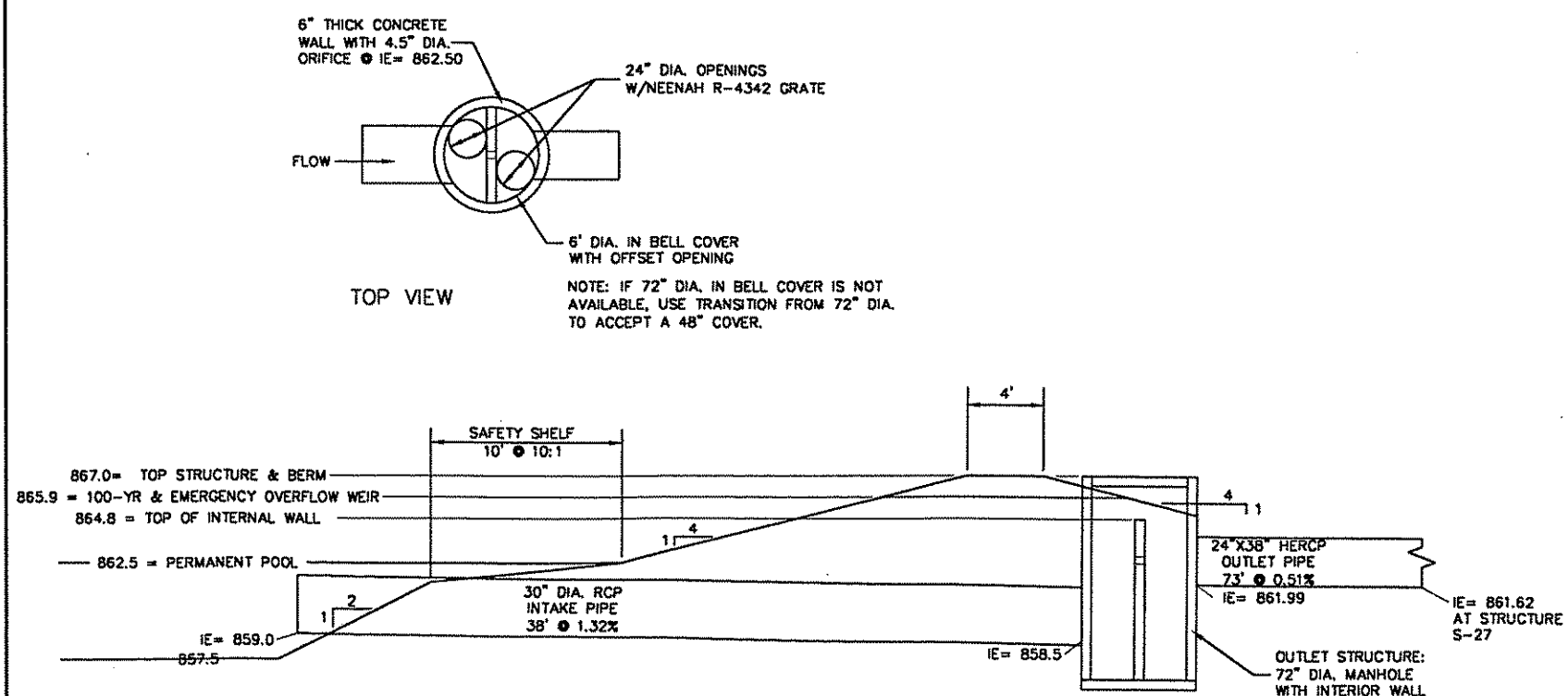
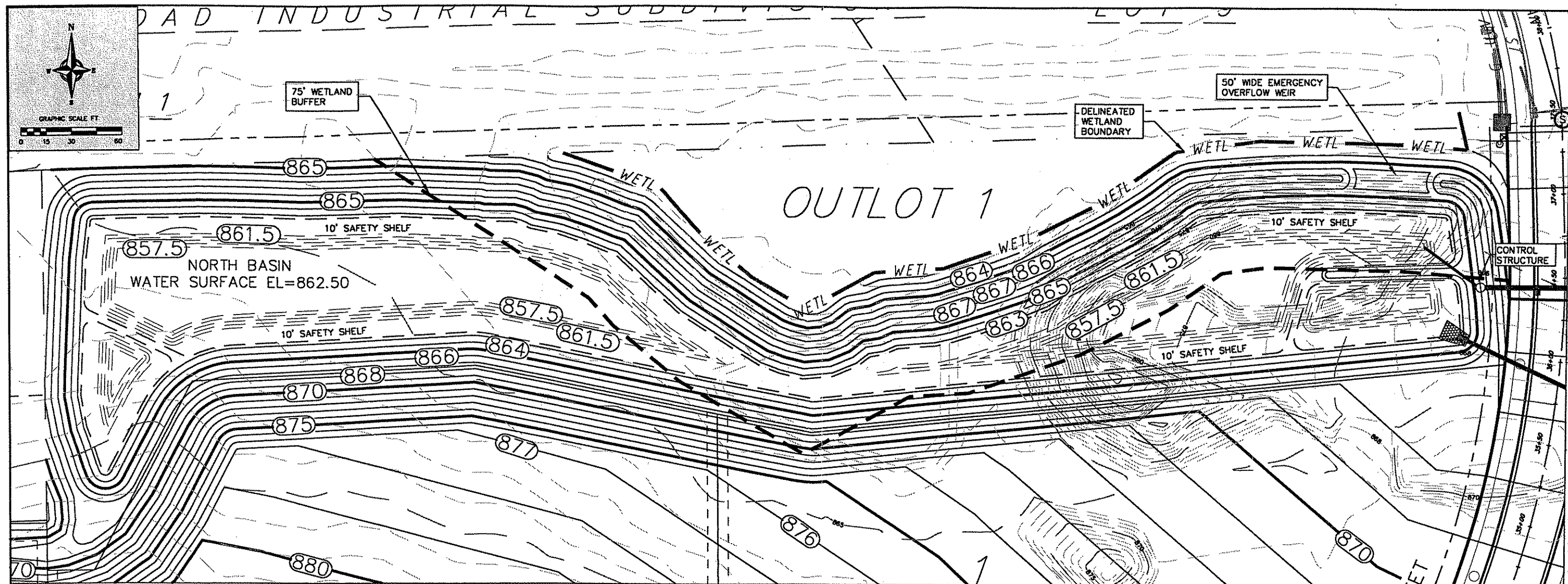
REUSE

- 1 - 10" M J PLUG



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

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
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.



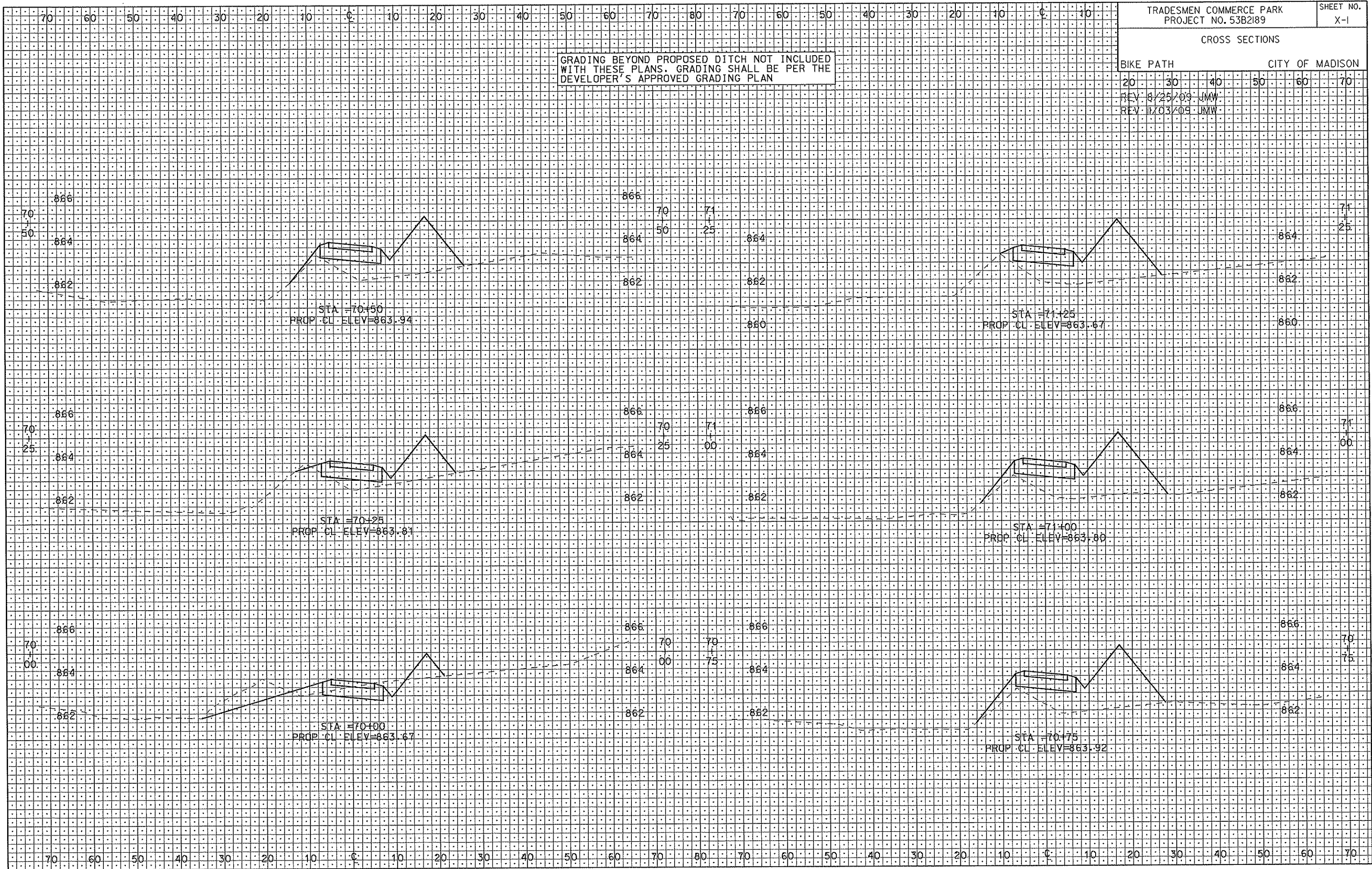
VIERBICHER ASSOCIATES
Committed to Quality Service Since 1976
REEDSBURG • MADISON • PRAIRIE DU CHIEN
Fourier Drive, Suite 201 Madison, Wisconsin 53717
Phone: (608) 258-0852 Fax: (608) 826-9530

Phase 1 North Detention Basin Plan
Tradesmen Industrial Park
City of Madison
Dane County, Wisconsin

REVISIONS		REVISIONS			
NO.	DATE	REMARKS	NO.	DATE	REMARKS
SCALE					
22" x 34" - 1"=30'					
11" x 17" - 1"=80'					
DATE					
4/23/08					
DRAFTER					
DCE, TRV					
CHECKED					
PROJECT NO.					
033063952.00					
SHEET					
1 OF 1					
DWG. NO.					

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: PLOT NAME: REV. DATE:

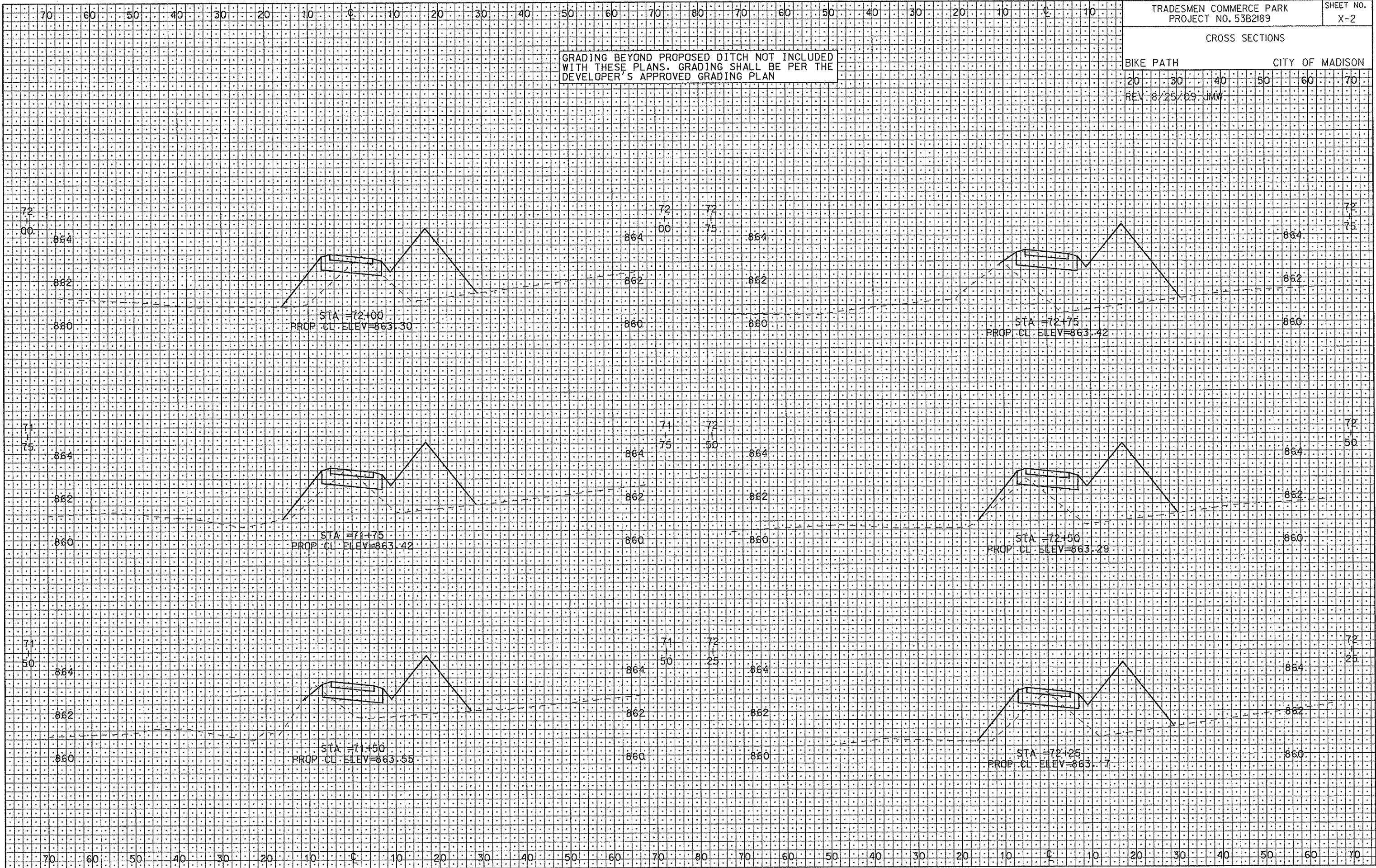


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PLOT SCALE: 1"=40'

PLOT NAME: 53B2189

REV. DATE: 8/26/2009

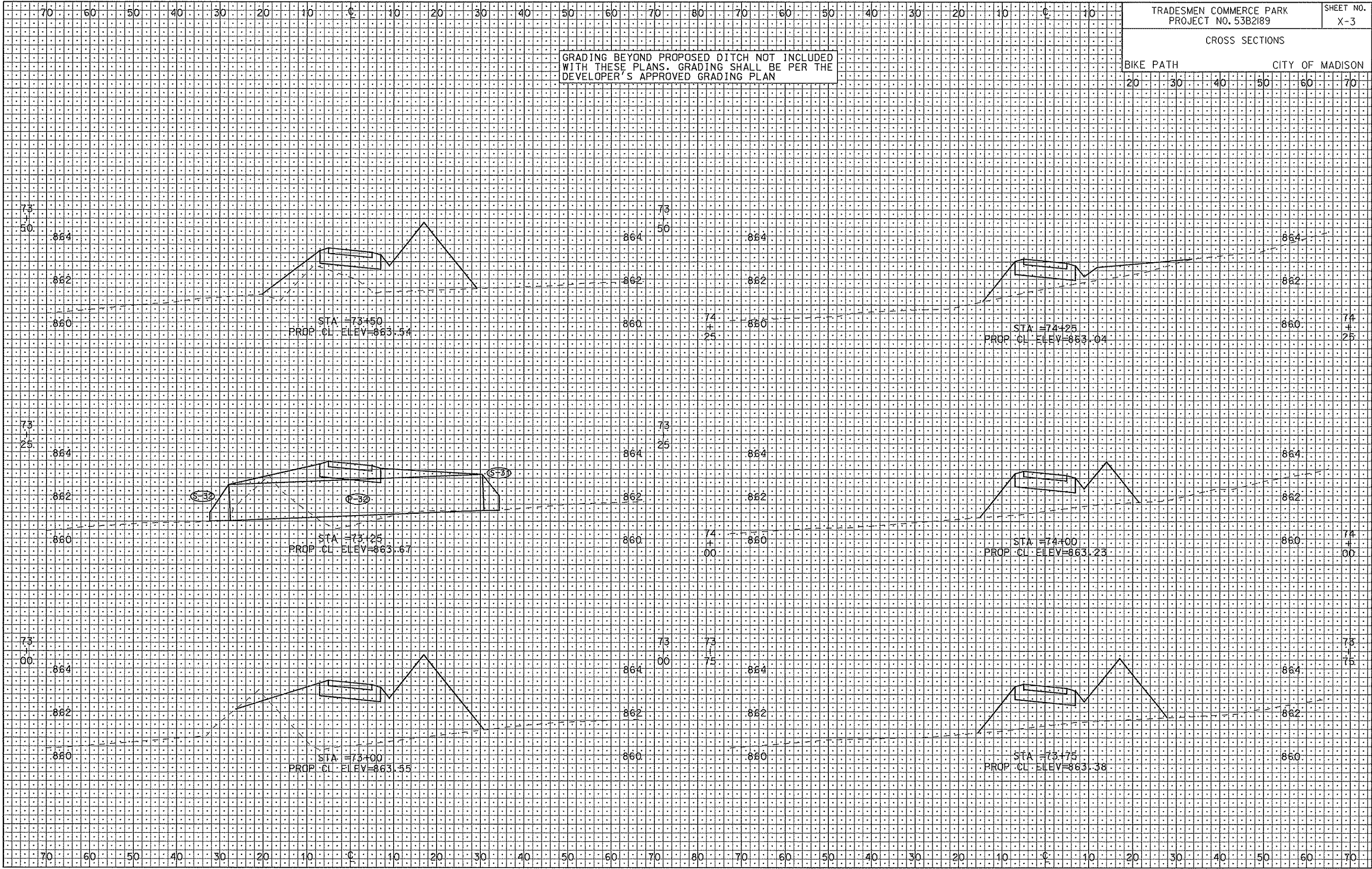


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: 53B2189

REV. DATE: 8/26/2009

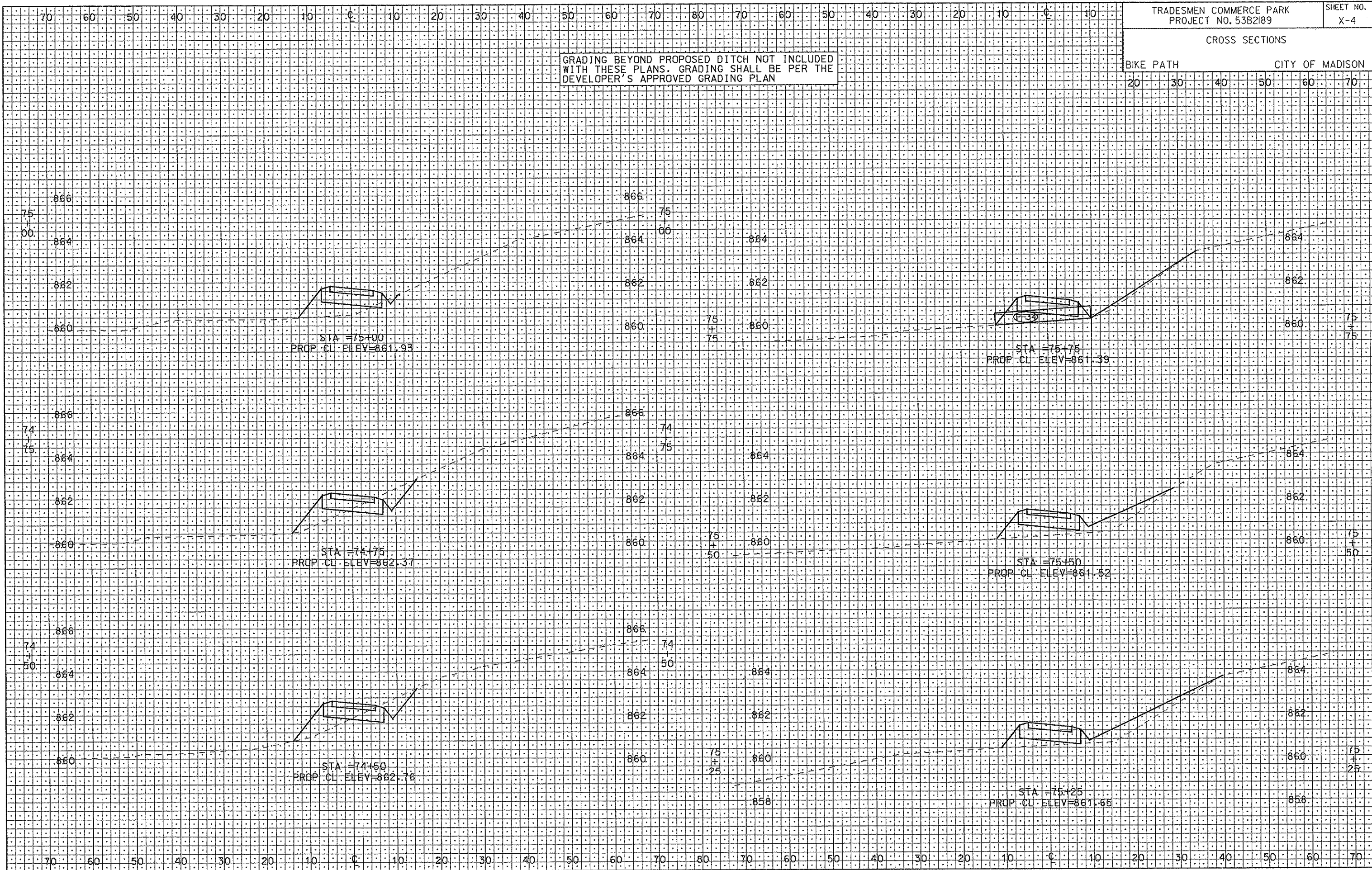


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PLOT SCALE: 1"=40'

PLOT NAME: 53B2189

REV. DATE: 8/26/2009

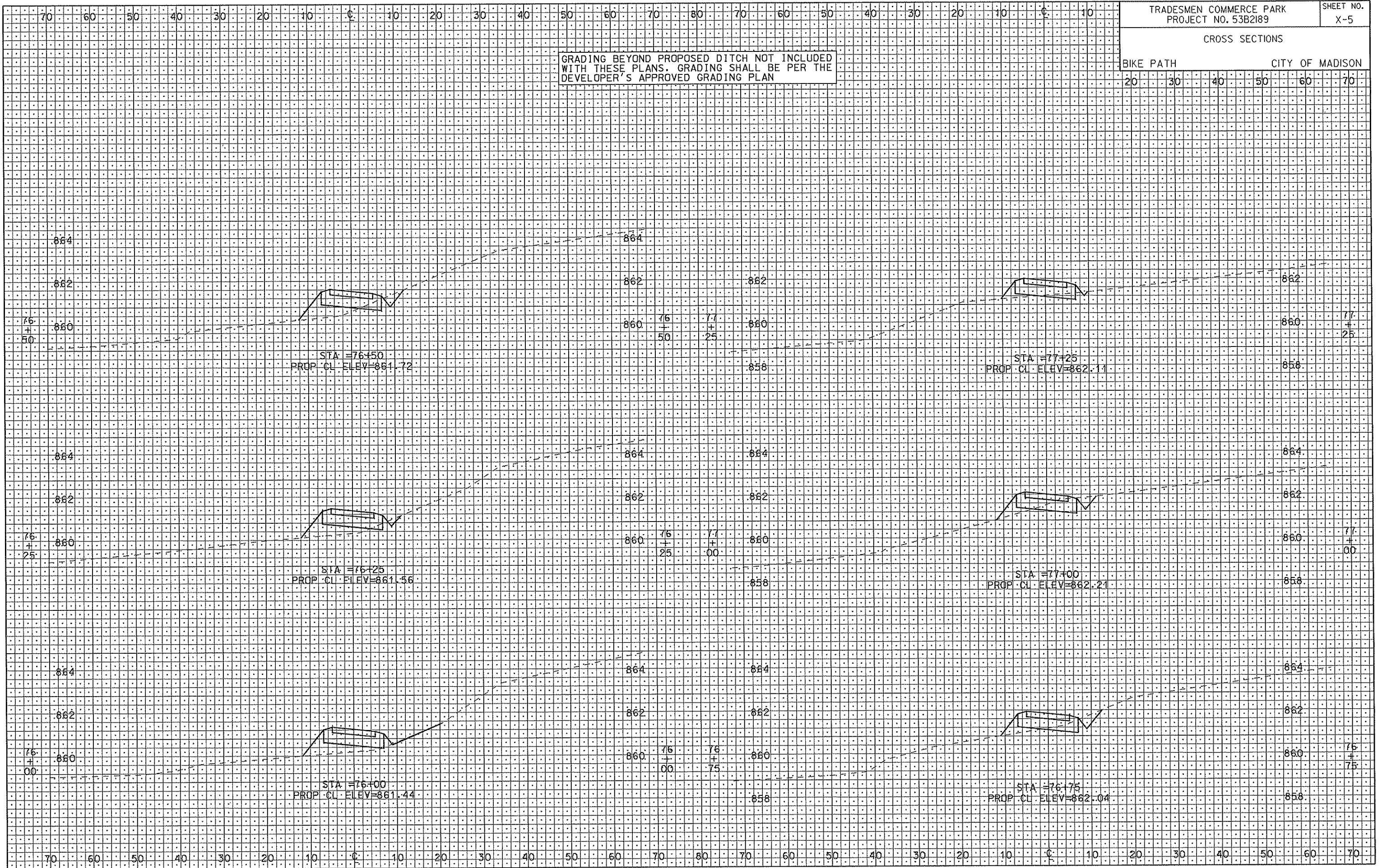


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PLOT SCALE: 1"=40'

PLOT NAME: 53B2189

REV. DATE: 8/26/2009

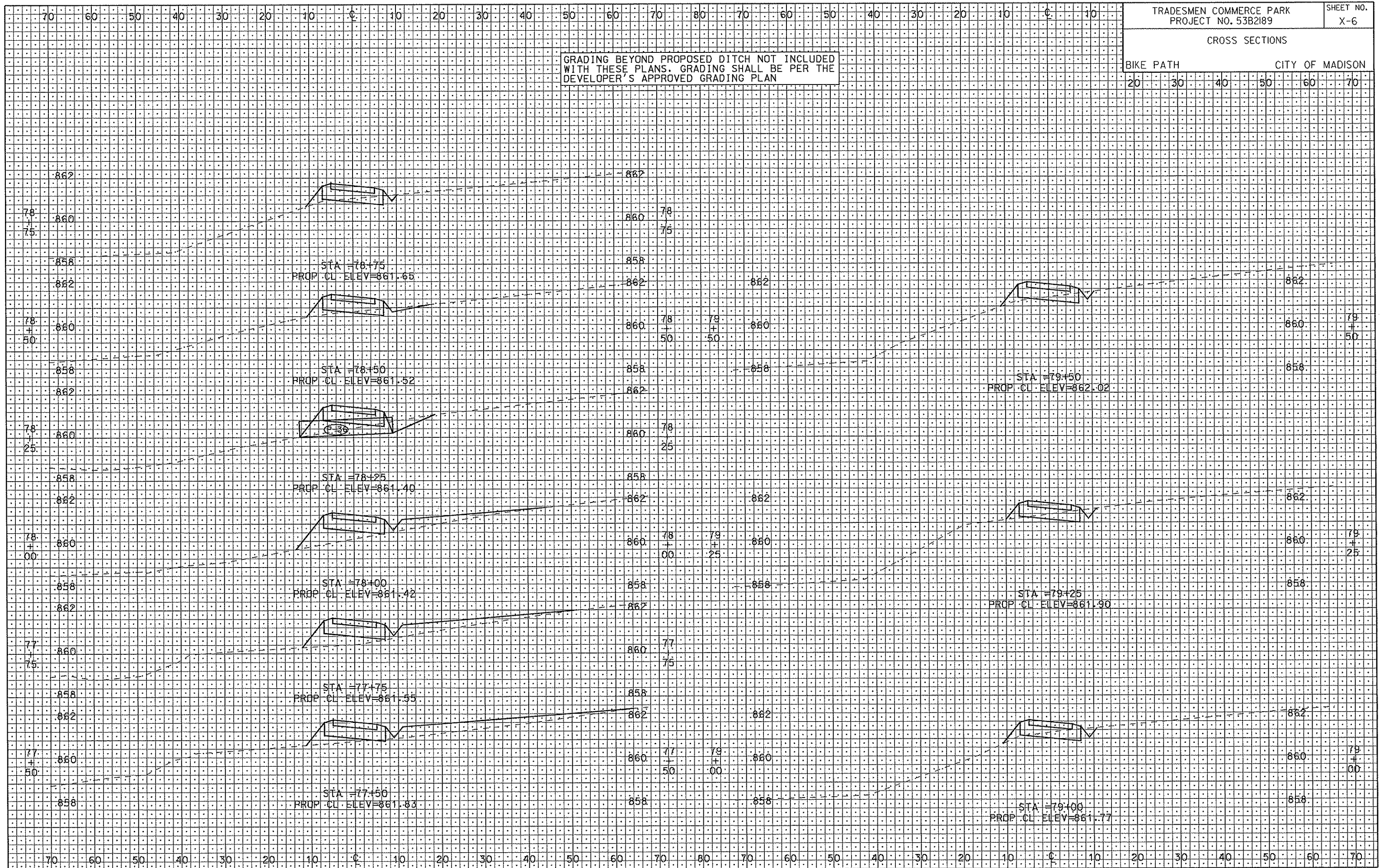


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PLOT SCALE: 1"=20'

PLOT NAME: 1"=20'

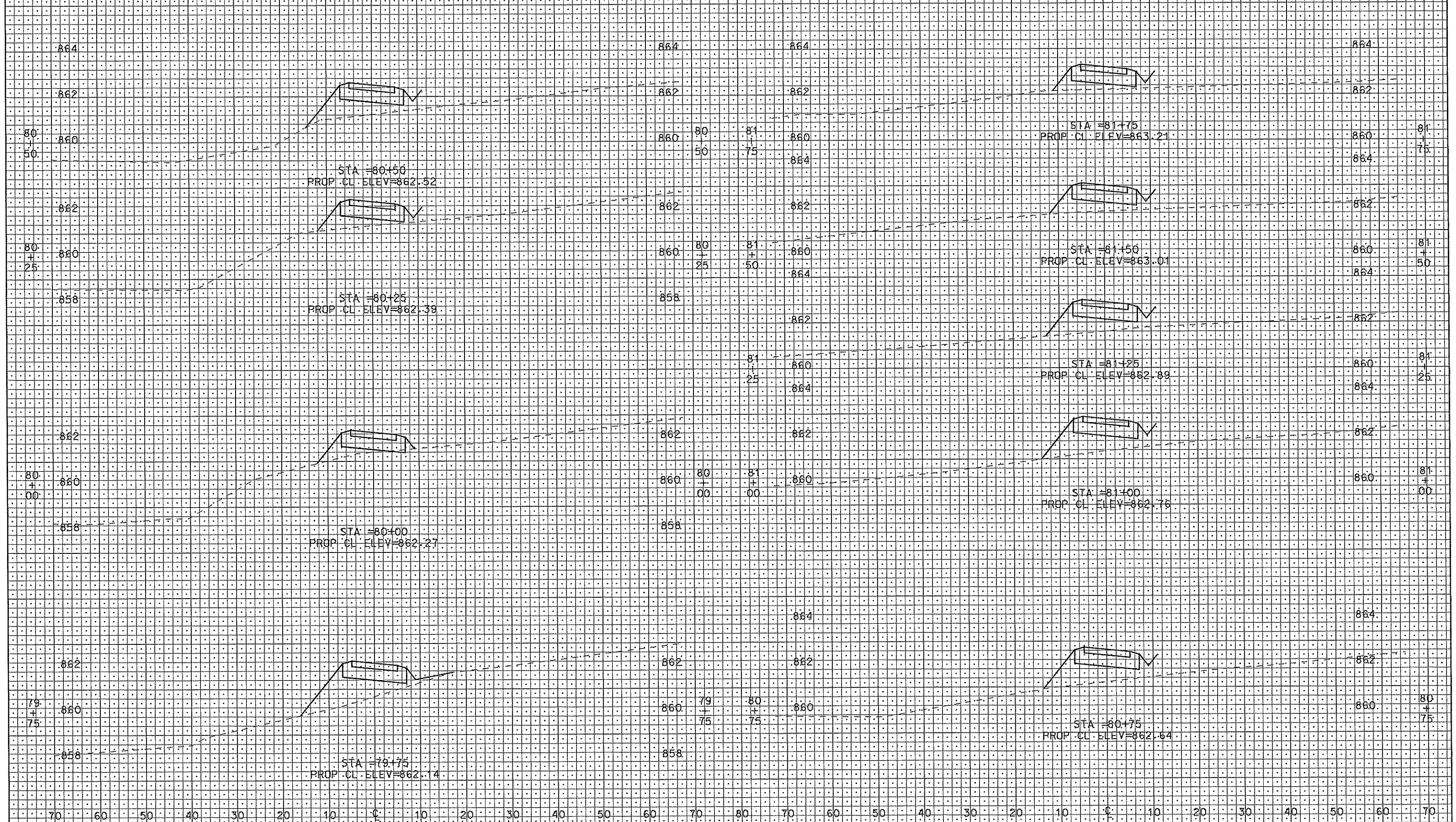
REV. DATE: 8/26/2009



CROSS SECTIONS

BIKE PATH	CITY OF MADISON
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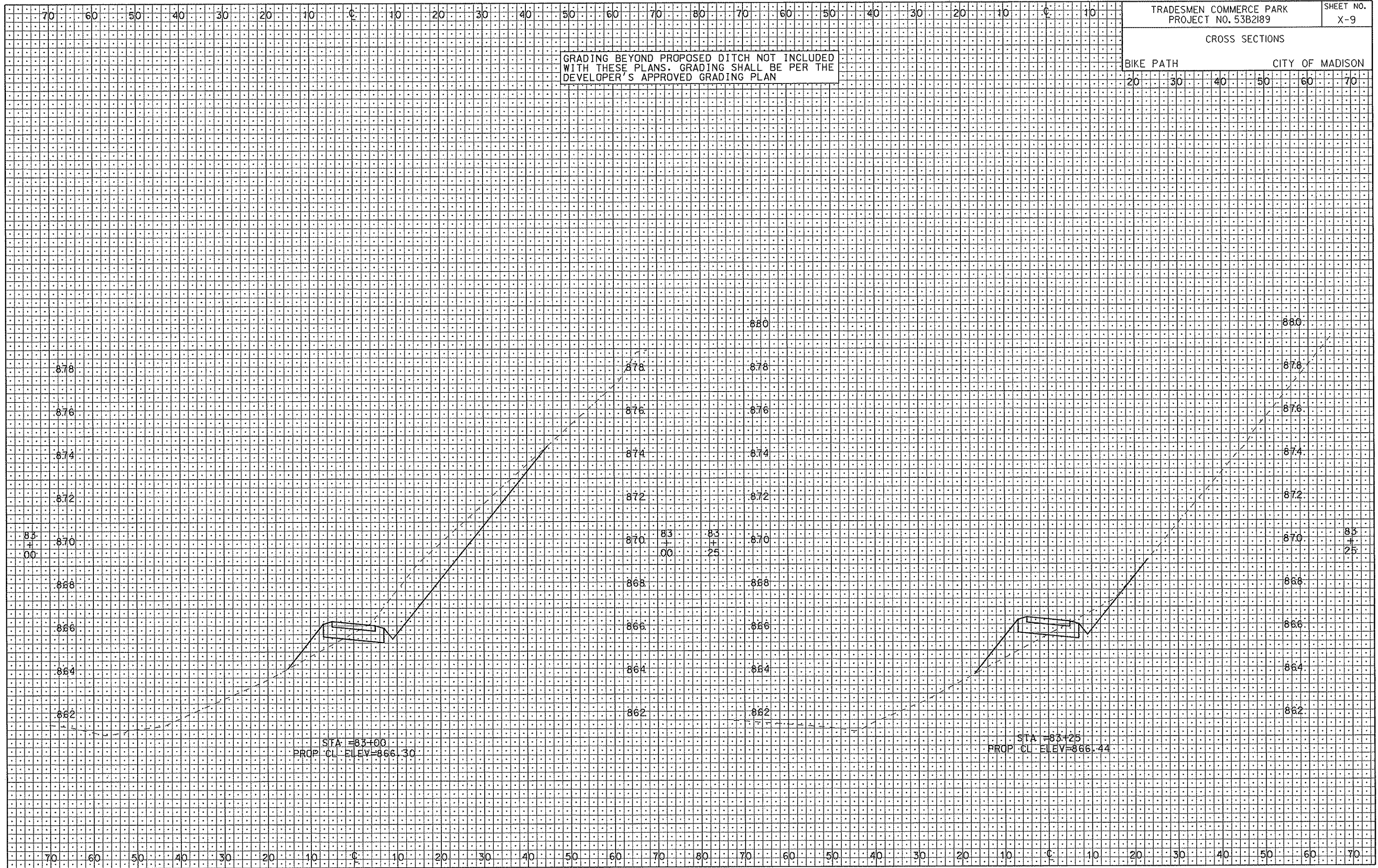
GRADING BEYOND PROPOSED DITCH NOT INCLUDED
WITH THESE PLANS. GRADING SHALL BE PER THE
DEVELOPER'S APPROVED GRADING PLAN



ORIGINATOR: CITY--OF-MADISON-STREETS-DIVISION

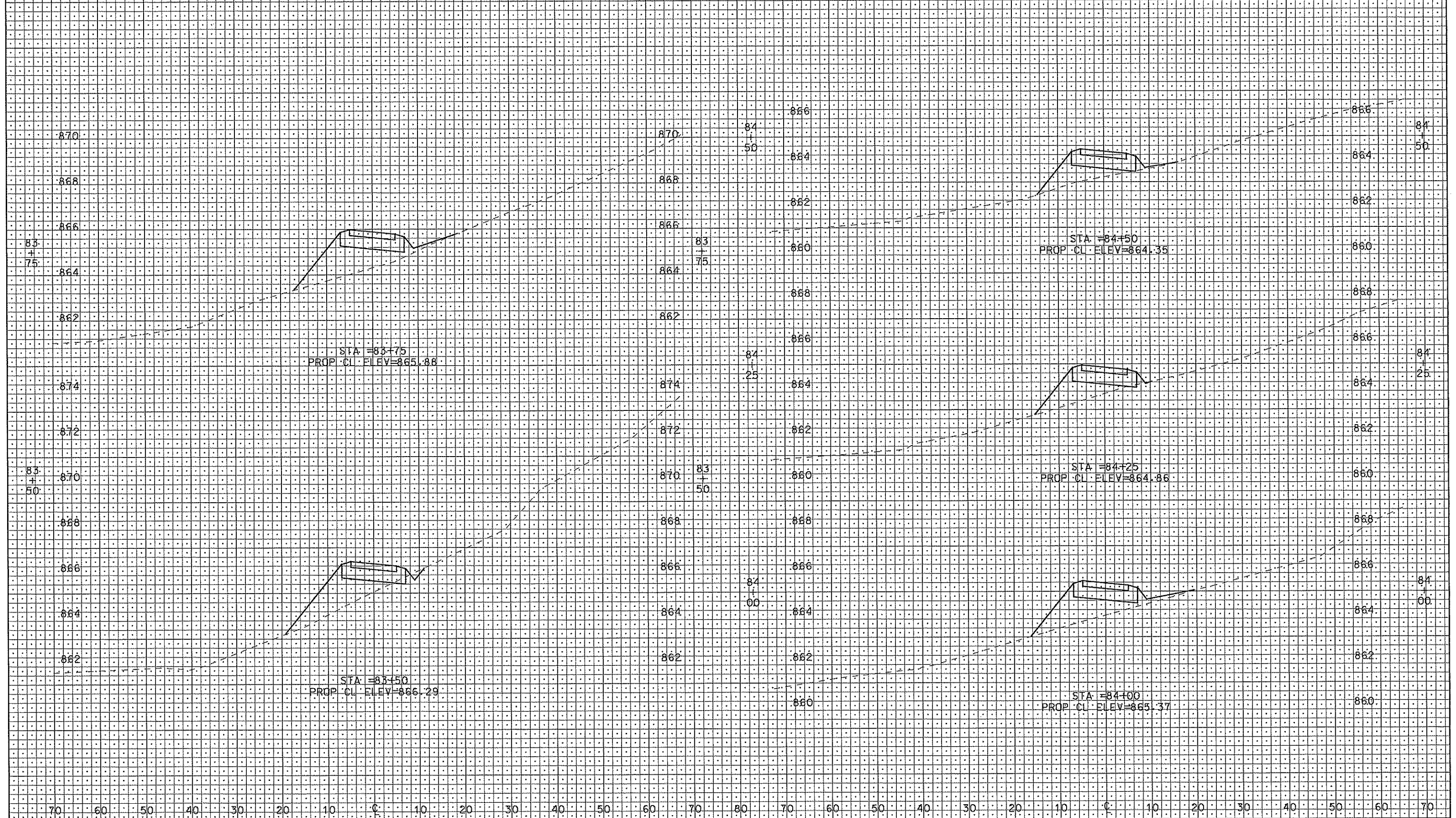
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:



BIKE PATH	CITY OF MADISON
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20	30	40	50	60	70
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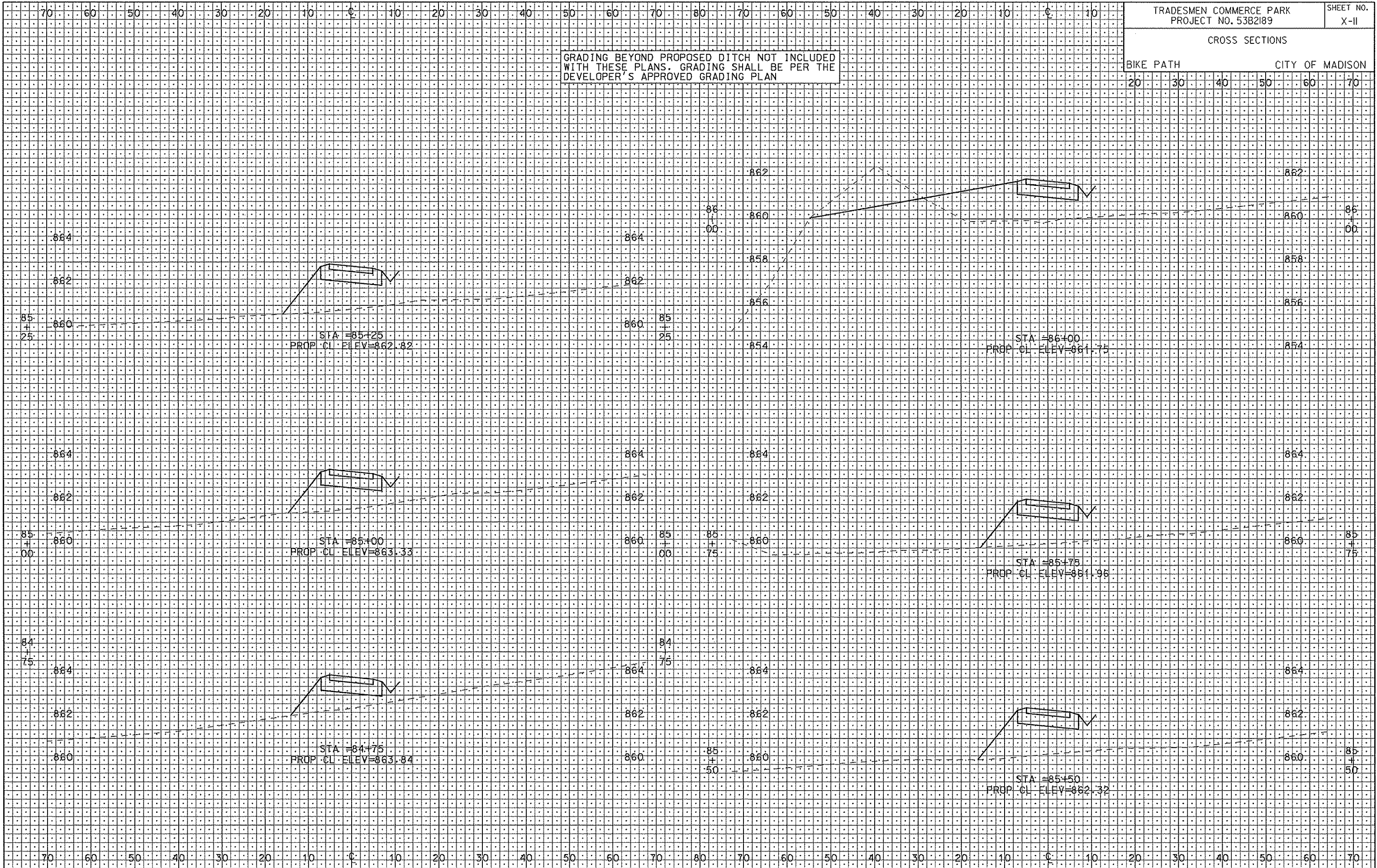
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

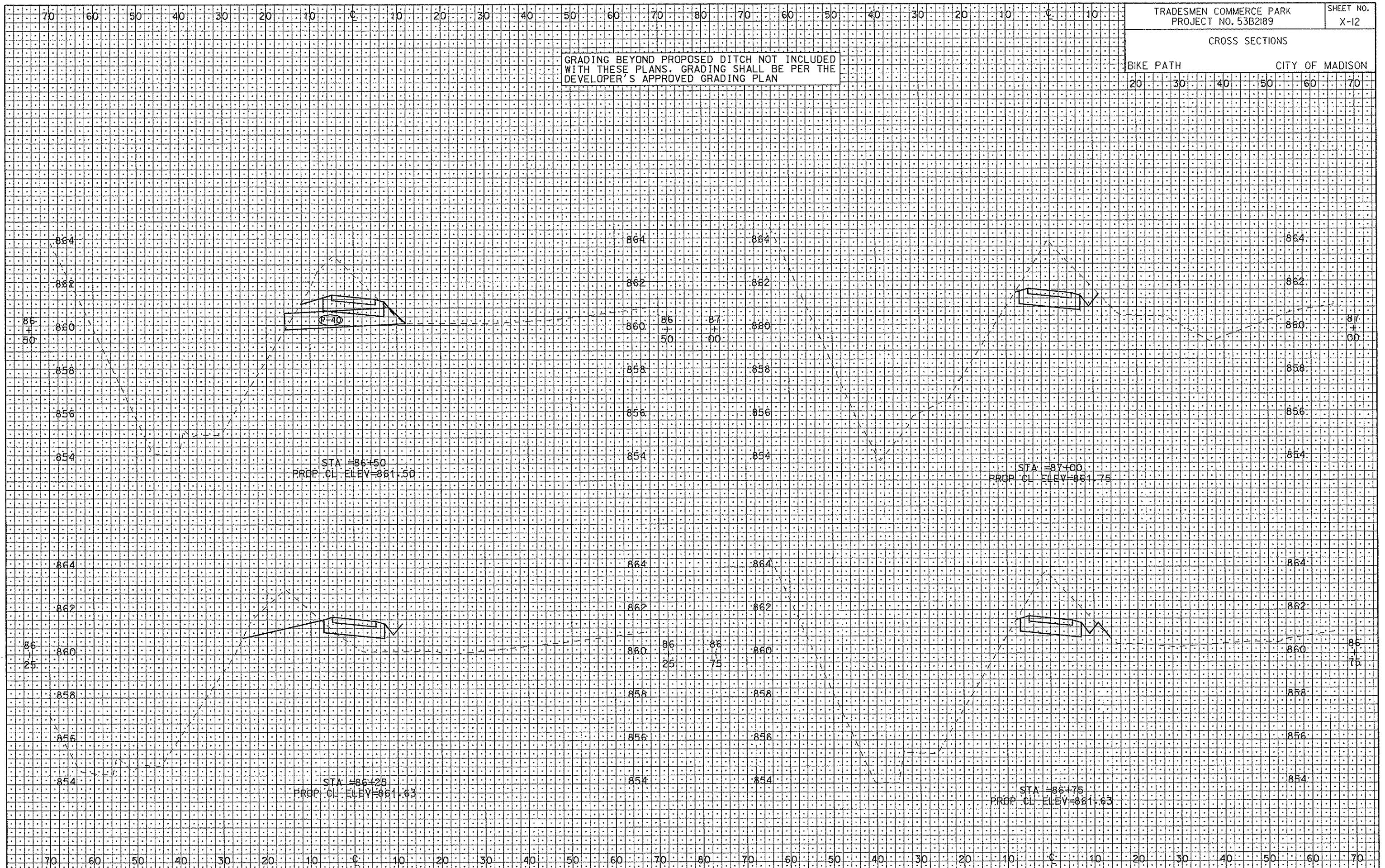
PLOT NAME: 53B2189

REV. DATE: 8/26/2009



BIKE PATH	CITY OF MADISON
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20	30	40	50	60	70
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ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION

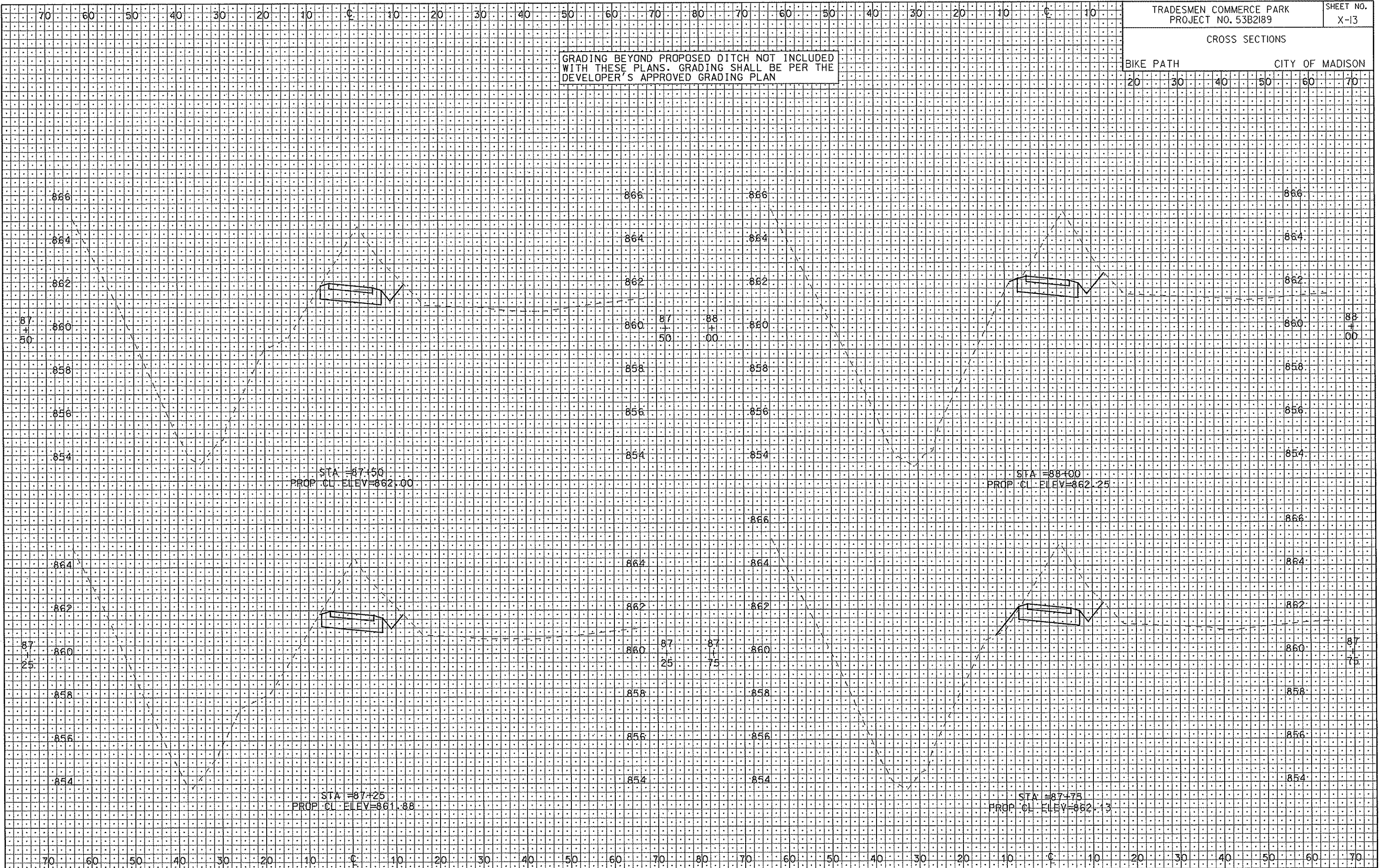
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PLOT NAME: _____

REV. DATE: 01-08-96 04:00:00 AM

BIKE PATH	CITY OF MADISON
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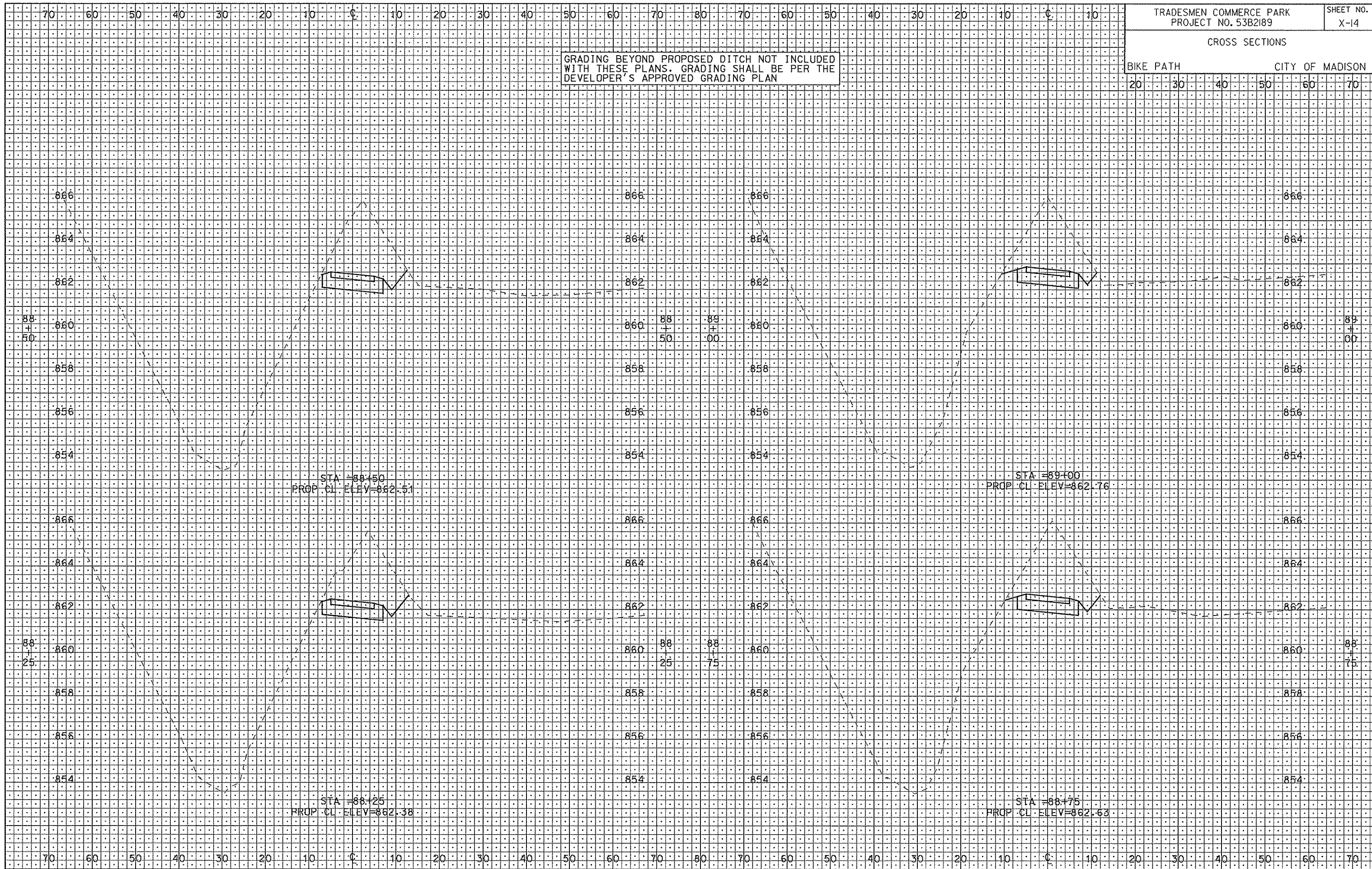
20	30	40	50	60	70
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

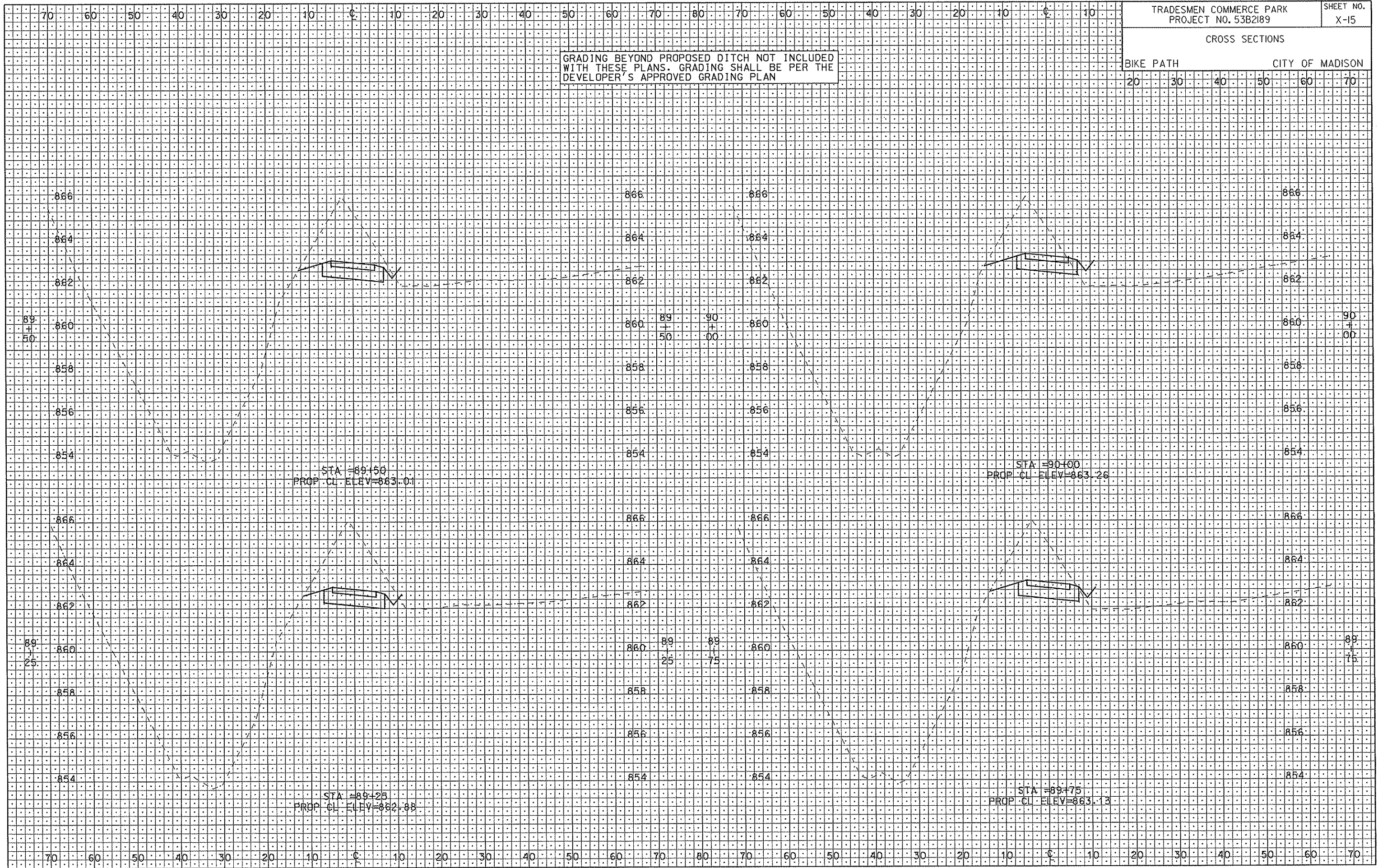
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'
PLOT NAME: 53B2189
REV. DATE: 8/26/2009



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'
PLOT NAME: 53B2189
REV. DATE:

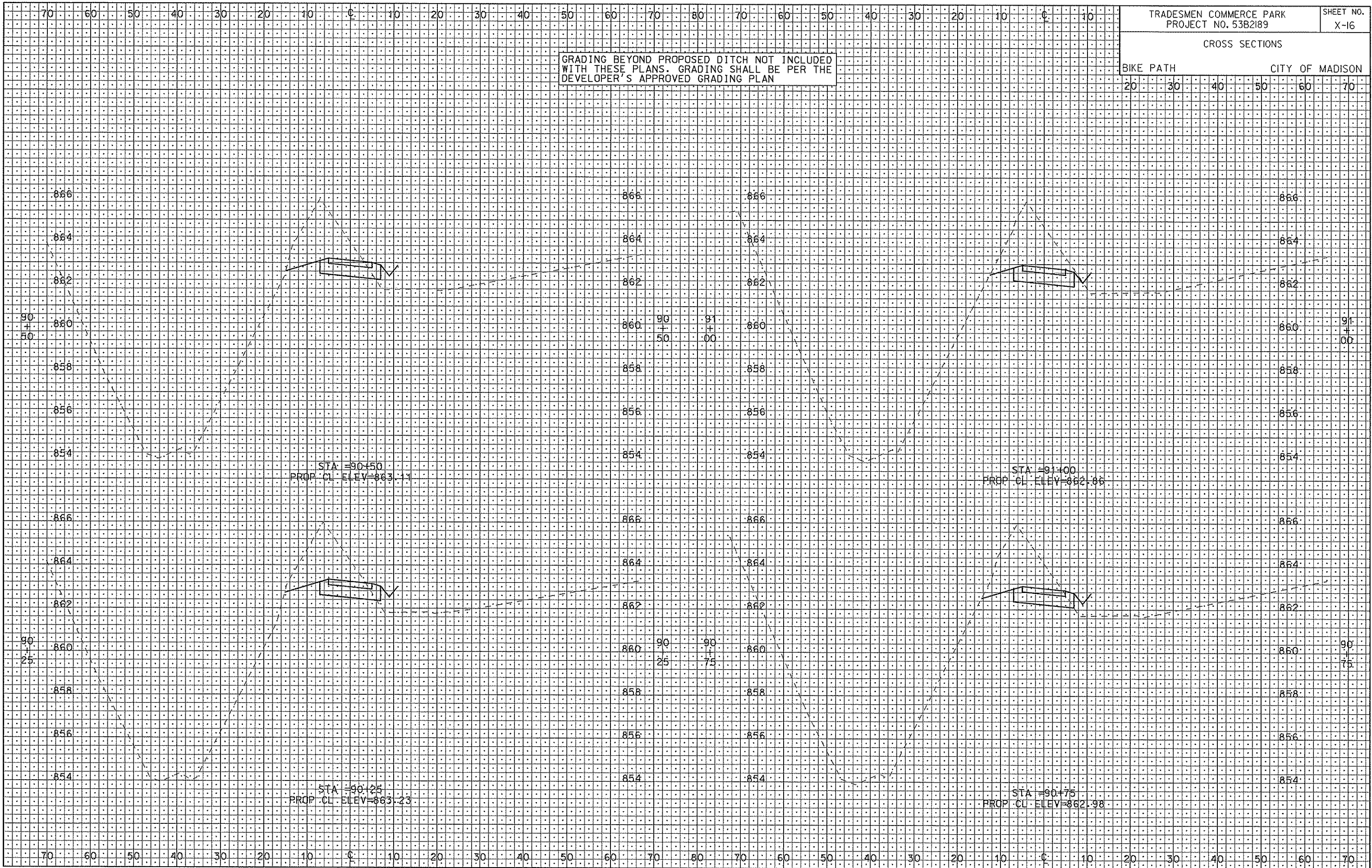


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PLOT SCALE:

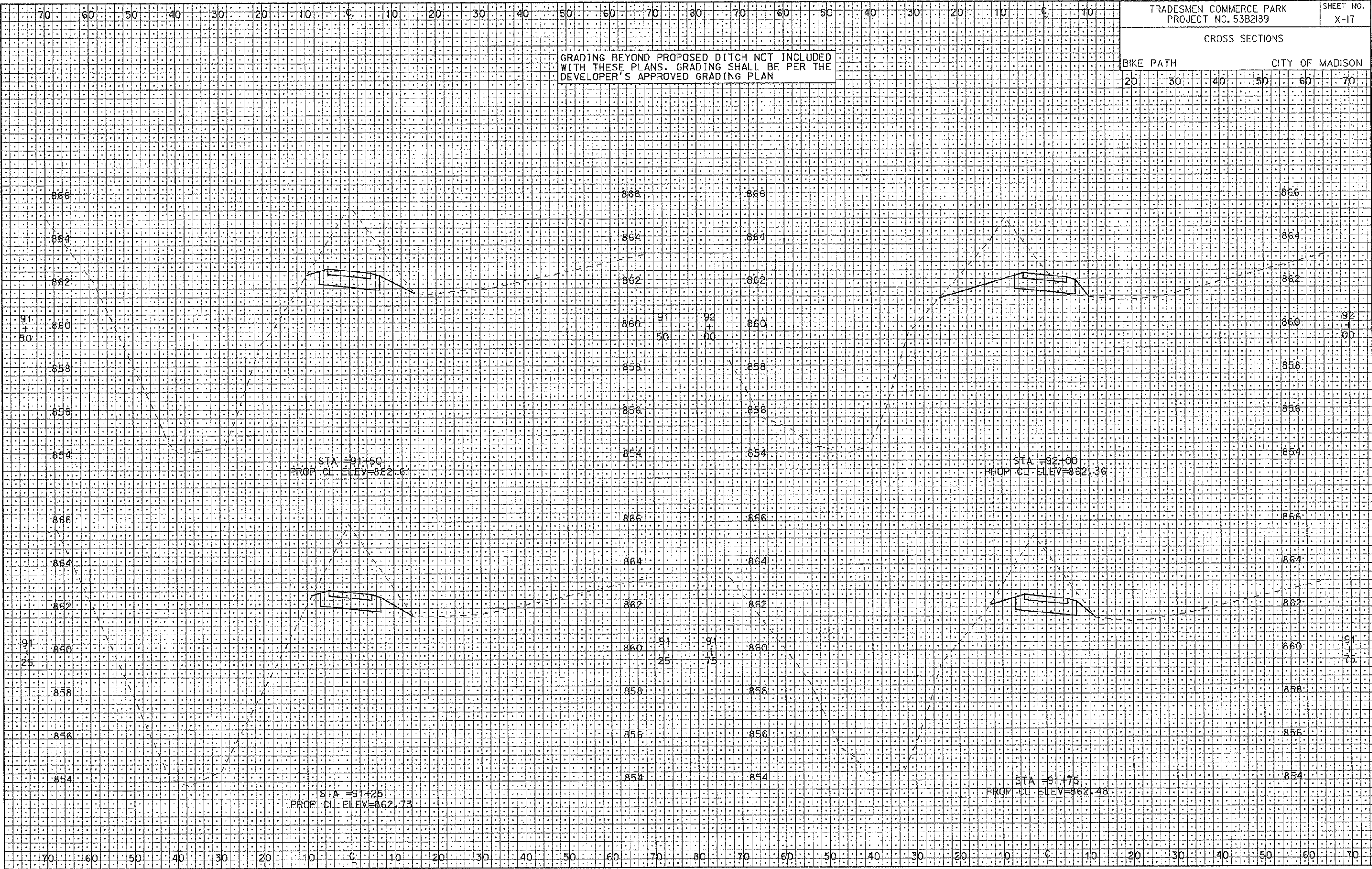
PLOT NAME:

REV. DATE:



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:

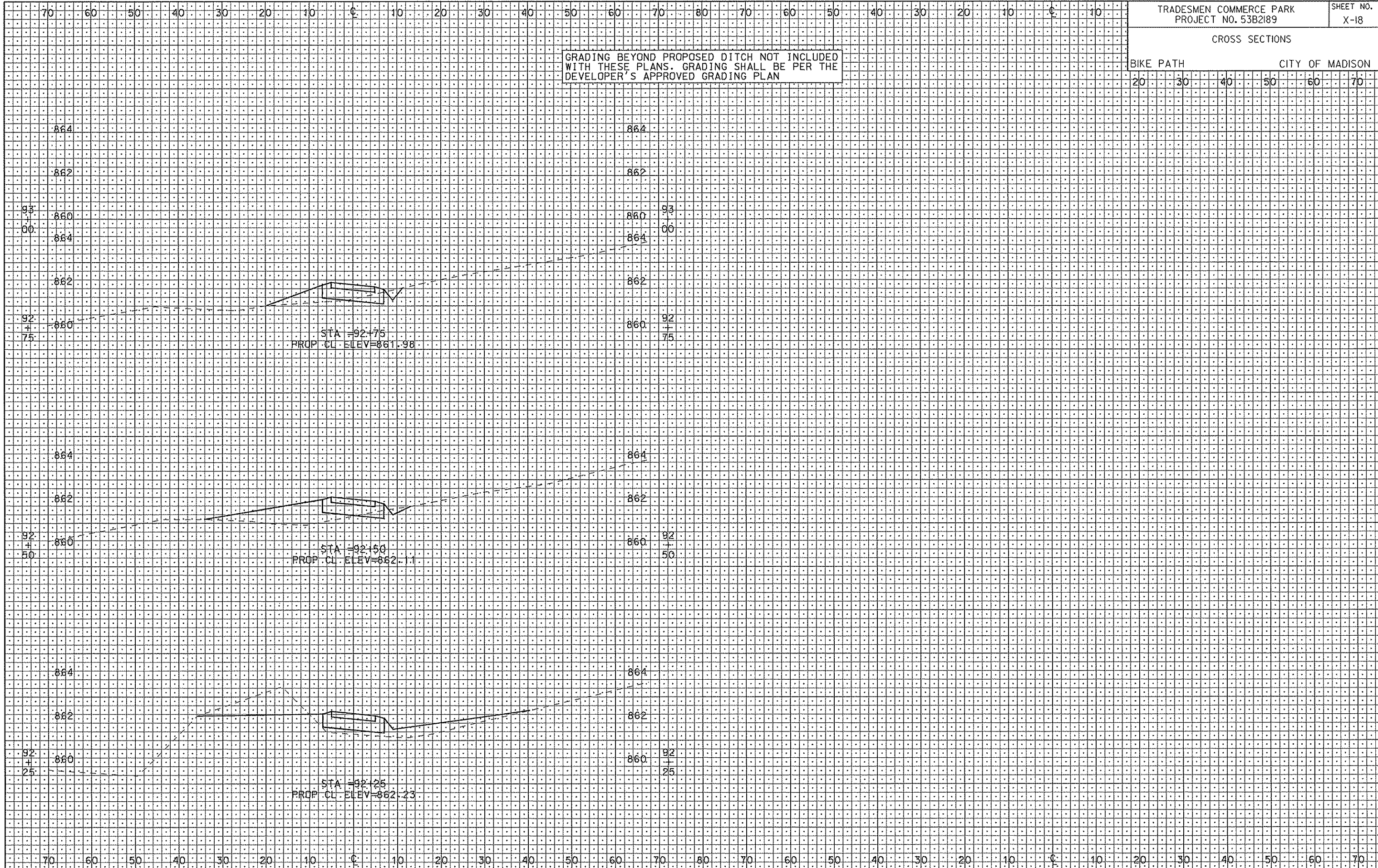


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: 53B2189

REV. DATE: 8/26/2009



GENERAL ELECTRIC NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY KEVIN FAHEY (266-6525) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2008 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-4767 AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:

-1"X40" ANCHOR BOLTS 1 SET OF 4

PROJECT NO. 53B2189

SHEET NO.
EI

ELECTRICAL PLAN

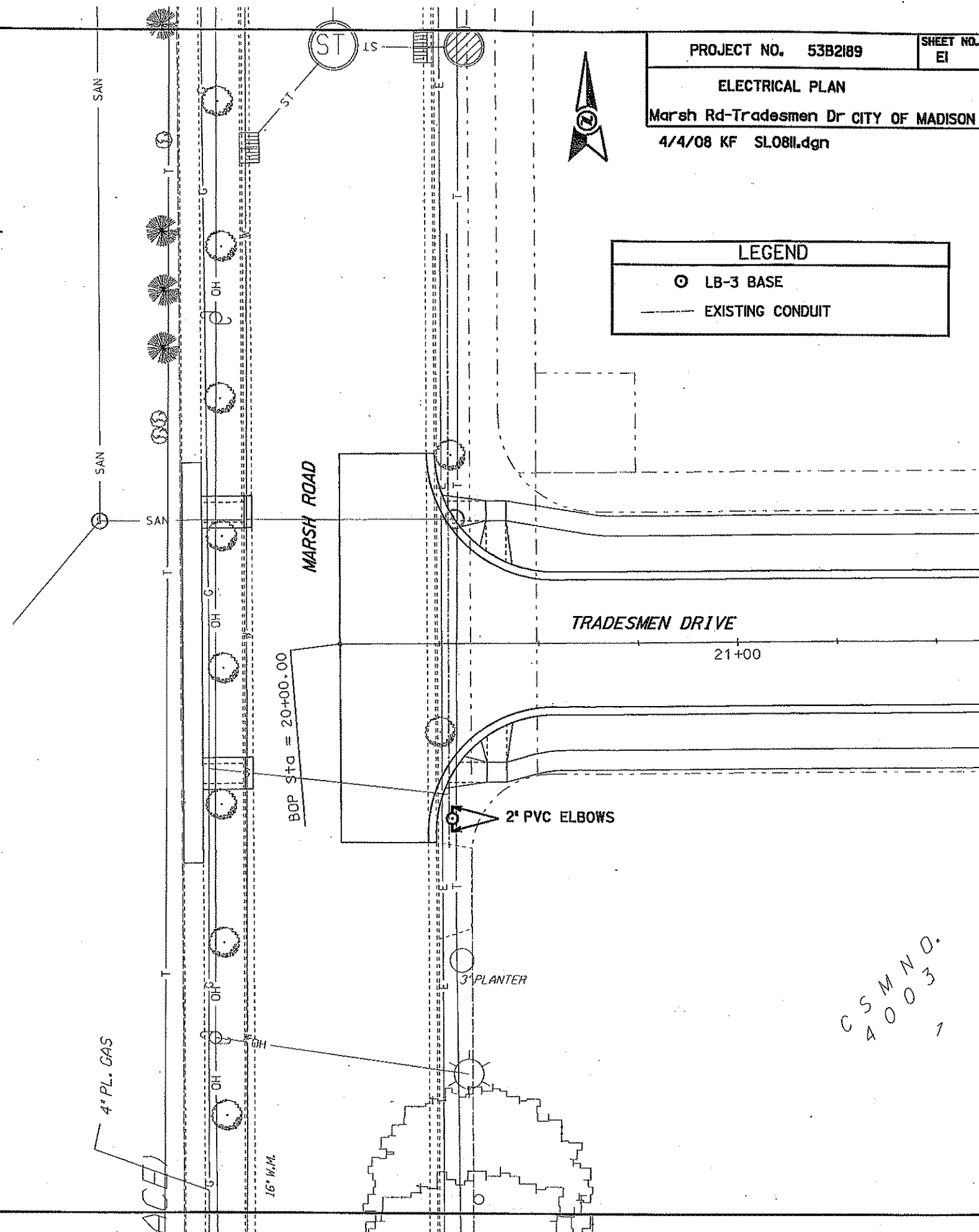
Marsh Rd-Tradesmen Dr CITY OF MADISON

4/4/08 KF SL0811.dgn

LEGEND

⊙ LB-3 BASE

— EXISTING CONDUIT



CSMND.
4003
1