

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT SECRET PLACES AT SIGGELKOW PRESERVE PHASE 9

INDEX OF SHEETS - STREETS

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1	NOTES AND DETAILS
D1-D4	EAGLE CAVE DR PLAN & PROFILE
P1-P2	CATALINA PKWY, PENNOCK DR & ICE POND DR PLAN & PROFILE

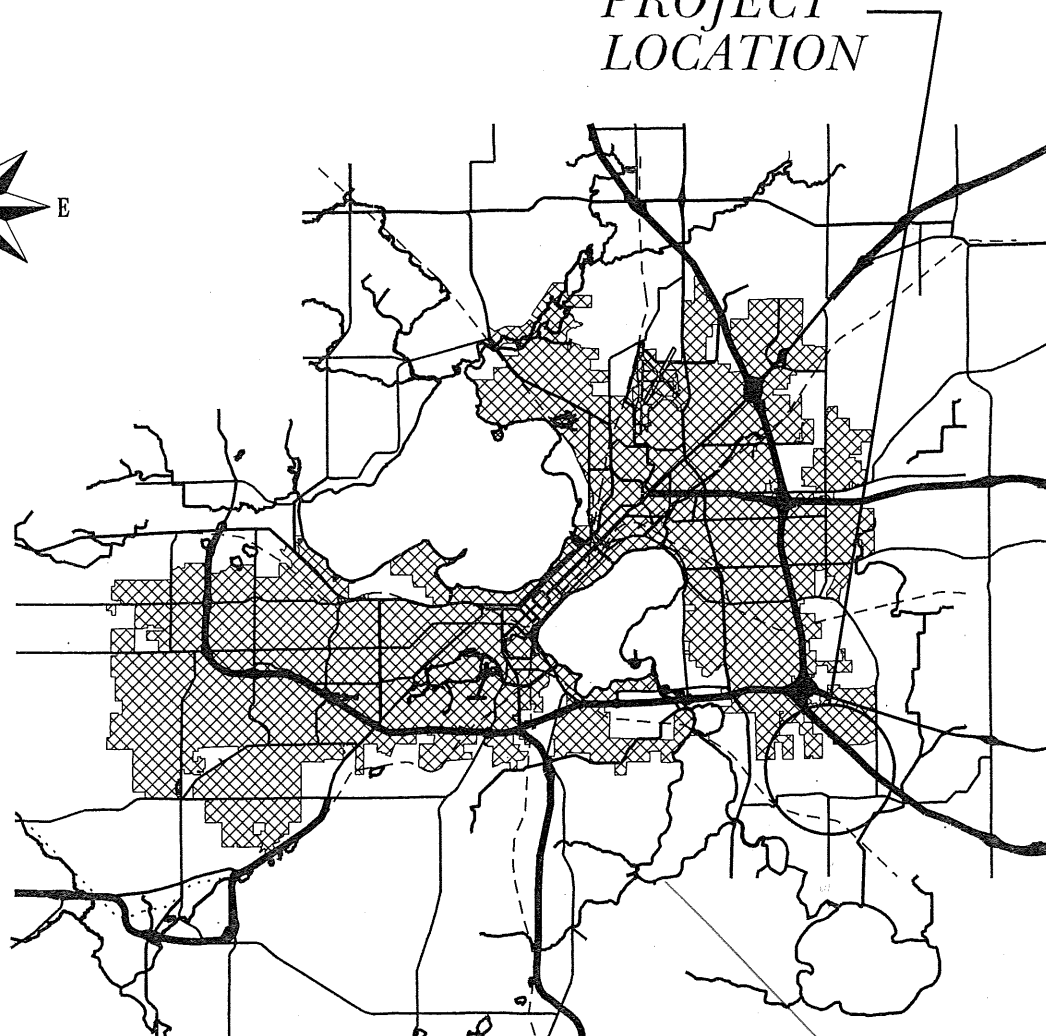
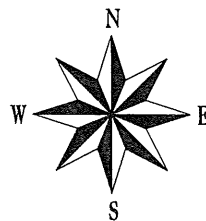
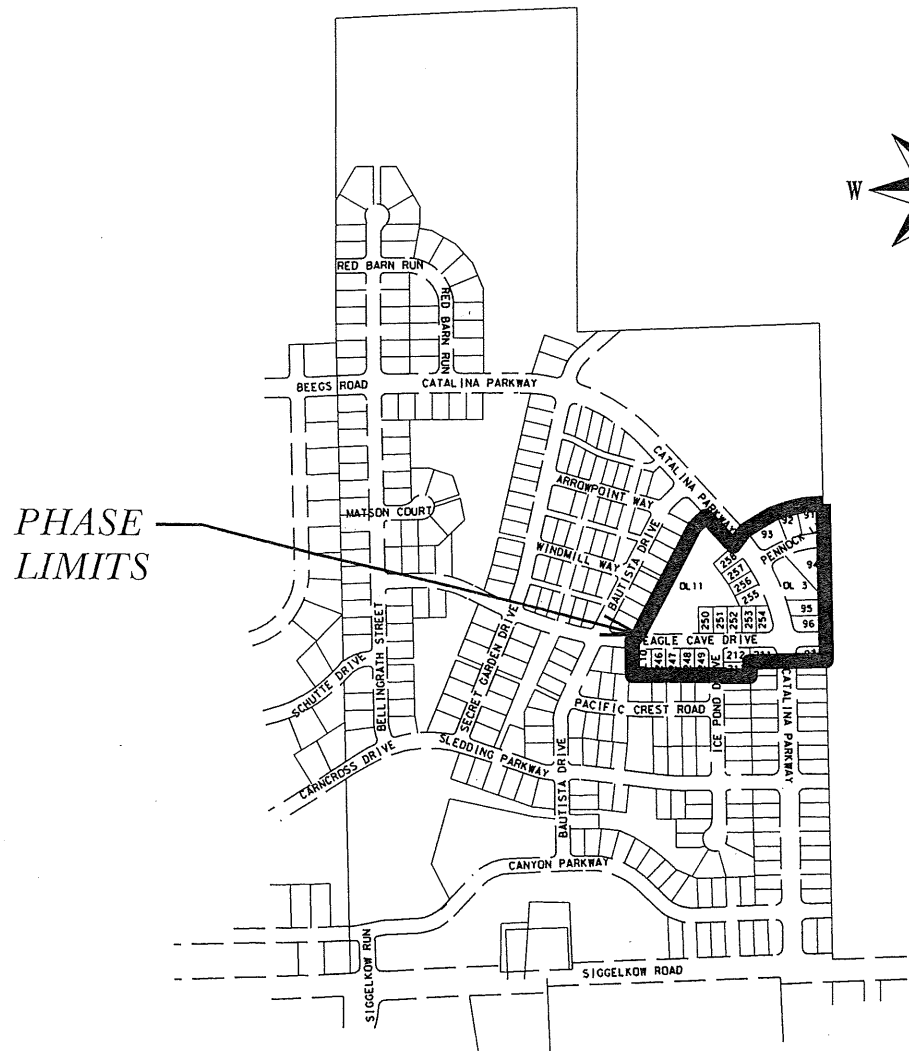
INDEX OF SHEETS - UTILITIES

SHEET NO.	TITLE
U1-U6	UTILITIES PLAN & PROFILE
U7	SEWER SCHEDULE
W1-W5	WATER MAIN PLAN & PROFILE
W6	WATER ESTIMATE OF MATERIALS
W7	WATER IMPACT PLAN
E1	ELECTRICAL PLAN

EAGLE CAVE DRIVE, CATALINA PARKWAY,
PENNOCK LANE & ICE POND DRIVE

CITY PROJECT NO. 53B2350
CONTRACT NO. 2350

PROJECT
LOCATION



PUBLIC IMPROVEMENT PROJECT APPROVED

APRIL 16, 2013

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Christy Bachman 6-21-13
for City Engineer Date

STREET GRADES
DESIGNED BY:



CIVIL ENGINEER

6/20/2013

ELECTRICAL
DESIGNED BY:



CIVIL ENGINEER

STORM SEWER
DESIGNED BY:



CIVIL ENGINEER

WATER
DESIGNED BY:



CIVIL ENGINEER

SANITARY SEWER
DESIGNED BY:



CIVIL ENGINEER

6/20/13

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

ALL PAVEMENT IN THE CATALINA PARKWAY RIGHT OF WAY SHALL BE TYPE "B" AND ALL OTHER PAVEMENT SHALL BE TYPE "A" PER STANDARD DETAIL DRAWING 4.02.

ALL ISLANDS SHALL HAVE TYPE "E" C & G PER S.D.D. 3.08 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.

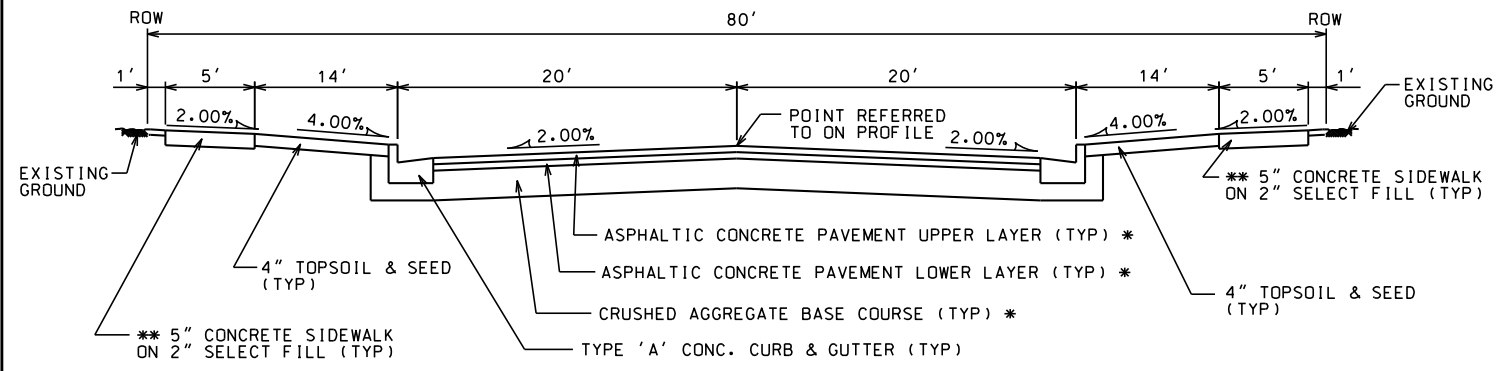
CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

PLOT SCALE: _____

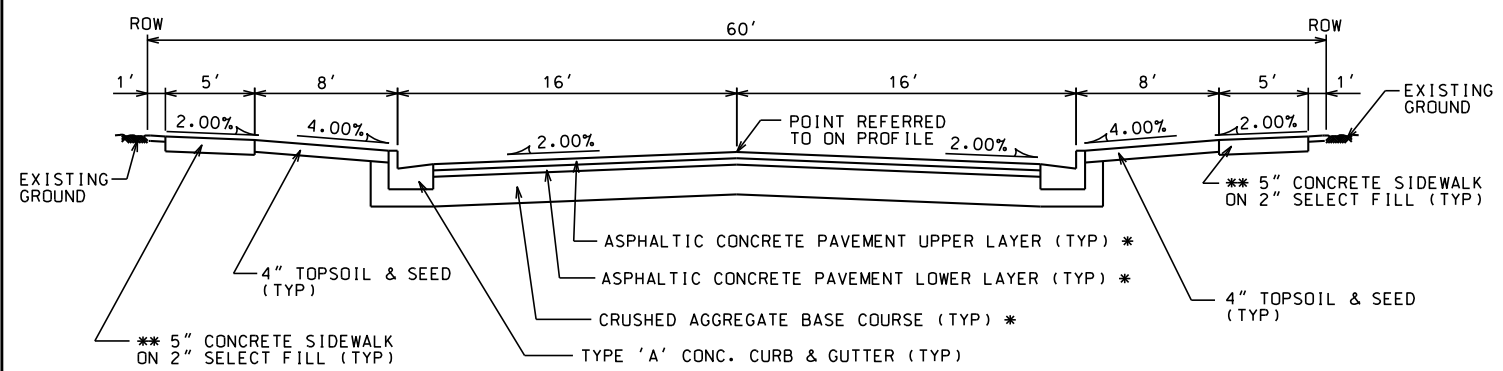
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



TYPICAL SECTION
CATALINA PKWY
NOT TO SCALE



TYPICAL SECTION
EAGLE CAVE DR
PENNOCK LN
ICE POND DR
NOT TO SCALE

NOTES:

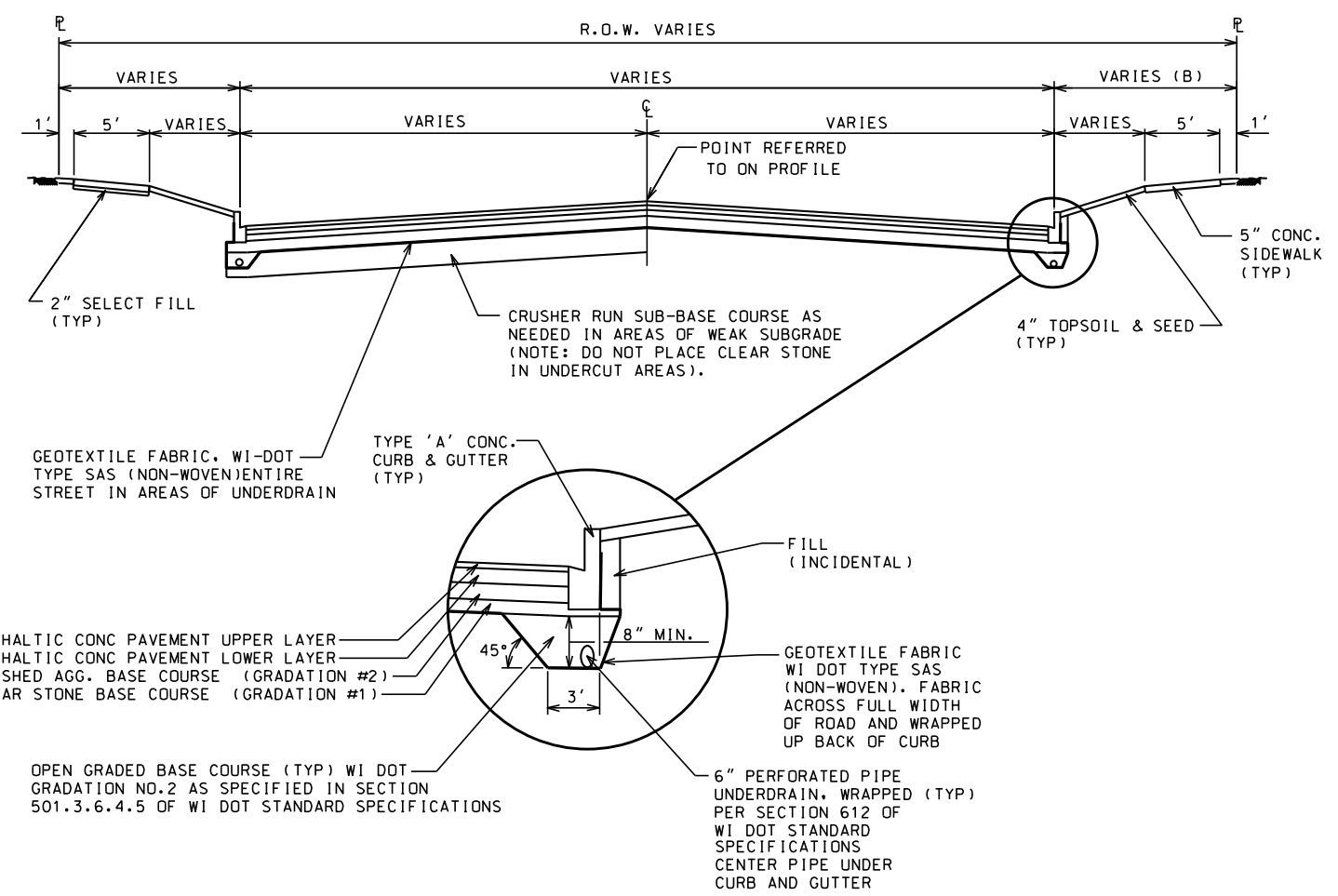
* A PAVEMENT DESIGN IN ACCORDANCE WITH STANDARD DETAIL DRAWING 4.06 IS REQUIRED ON ALL PROJECTS

** 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	2.5"	E-1	1.75"
C	6"	4"	E-3	3.50"	E-3	1.75"

UNDERDRAIN INSTALLATION



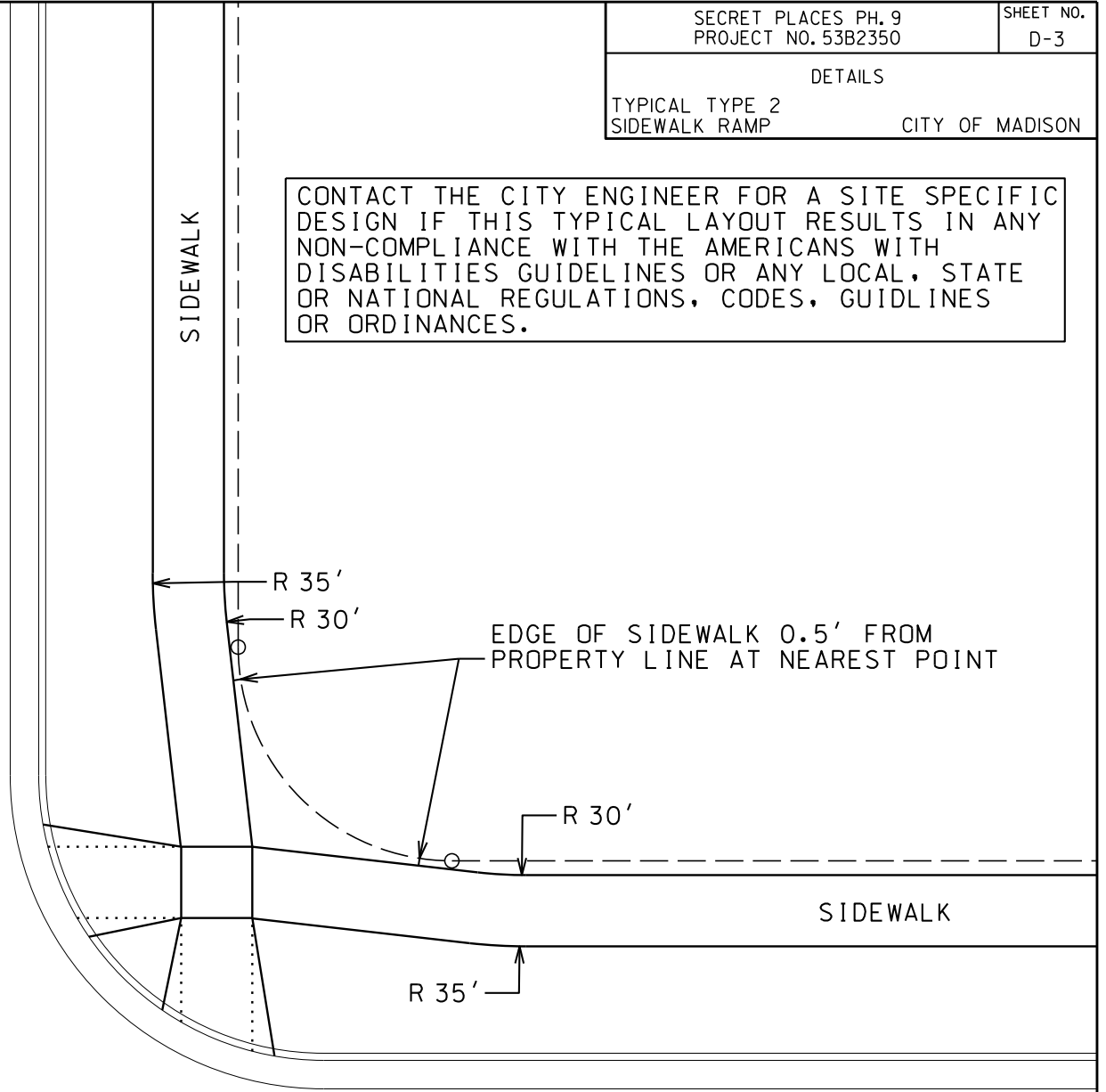
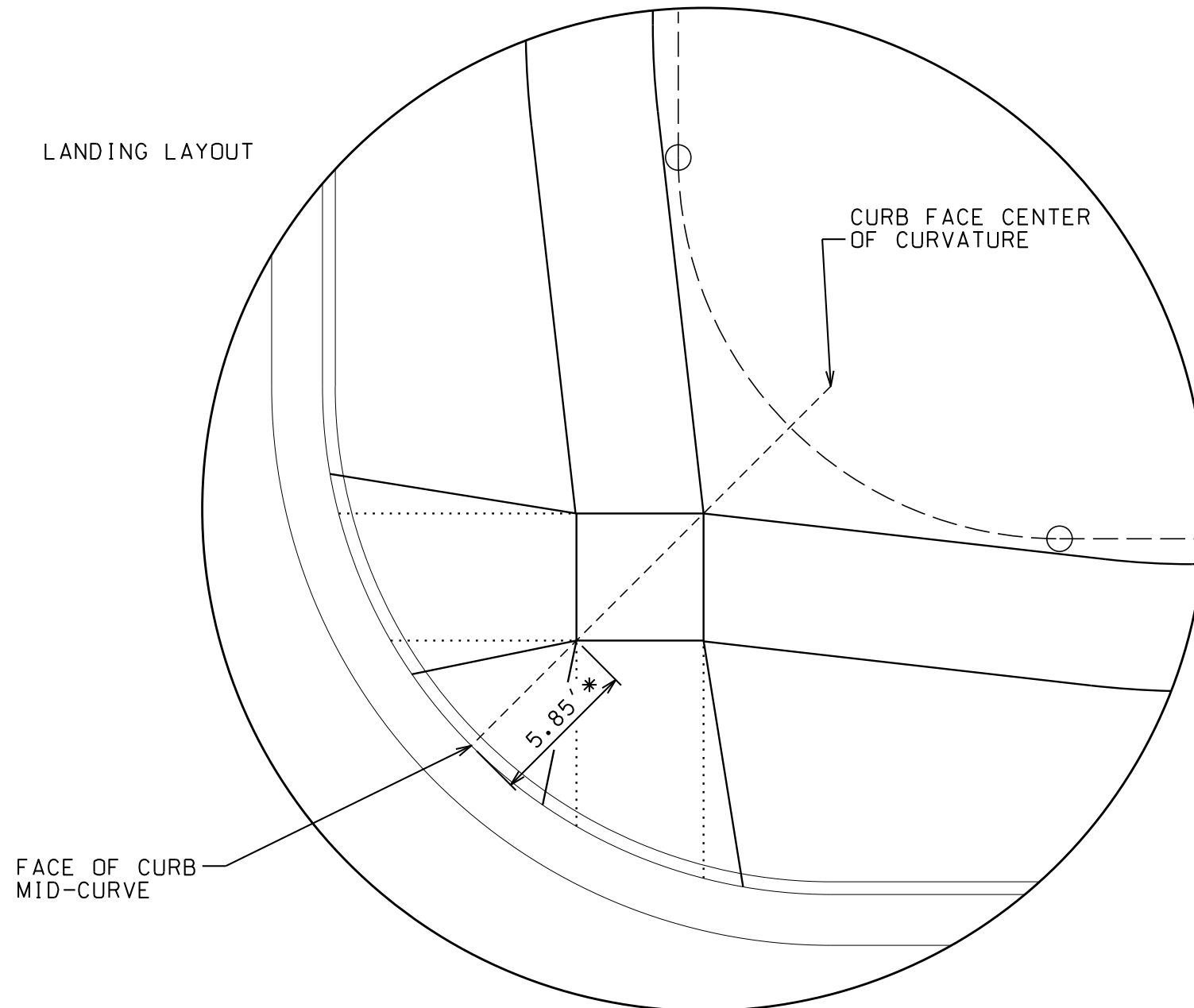
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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

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



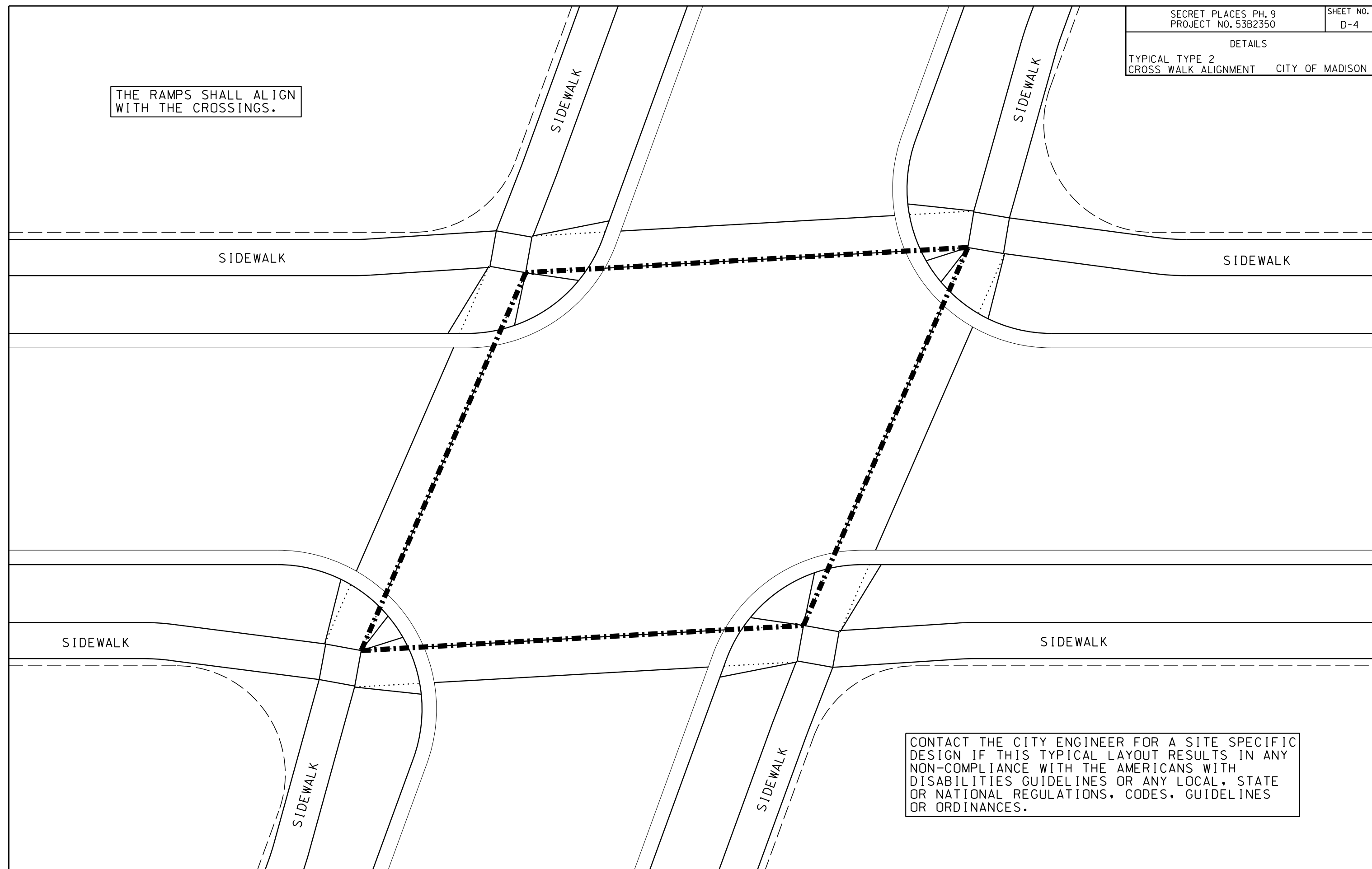
* THE NEAR CORNER OF THE LANDING SHALL BE 5.85' FROM THE FACE OF CURB, UNLESS SPECIFIED OTHERWISE ON THE PLAN. BOTH OPPOSITE CORNERS OF THE LANDING SHALL BE LOCATED ON THE FACE OF CURB RADIUS LINE WHICH PASSES THROUGH THE MIDPOINT OF THE CURB CURVATURE.

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

THE RAMPS SHALL ALIGN
WITH THE CROSSINGS.



SIDEWALK

SIDEWALK

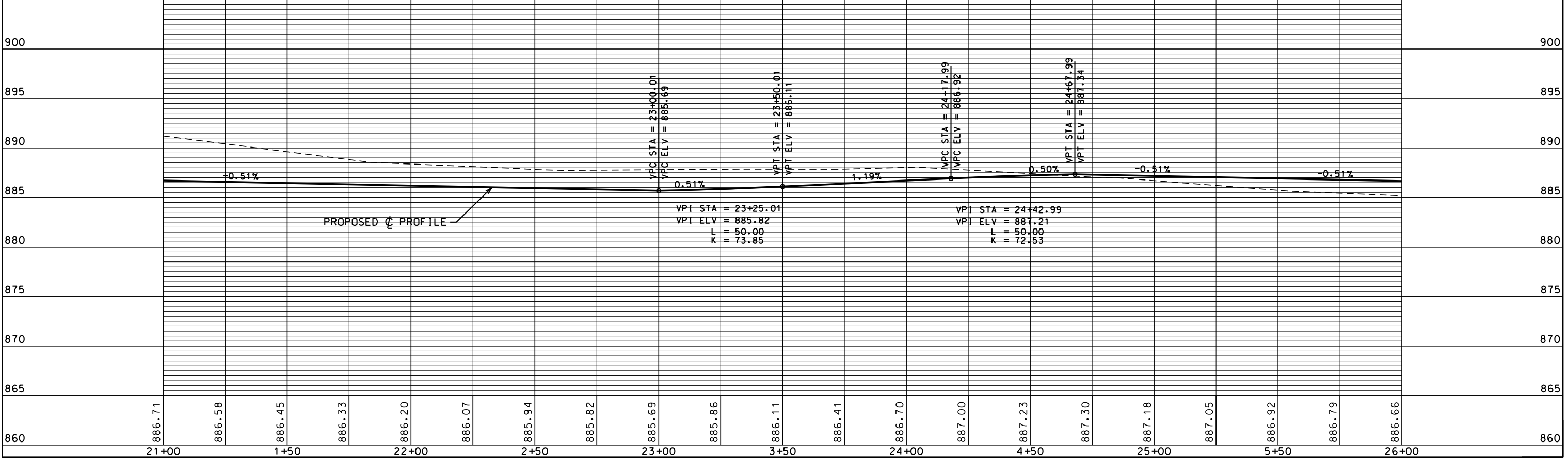
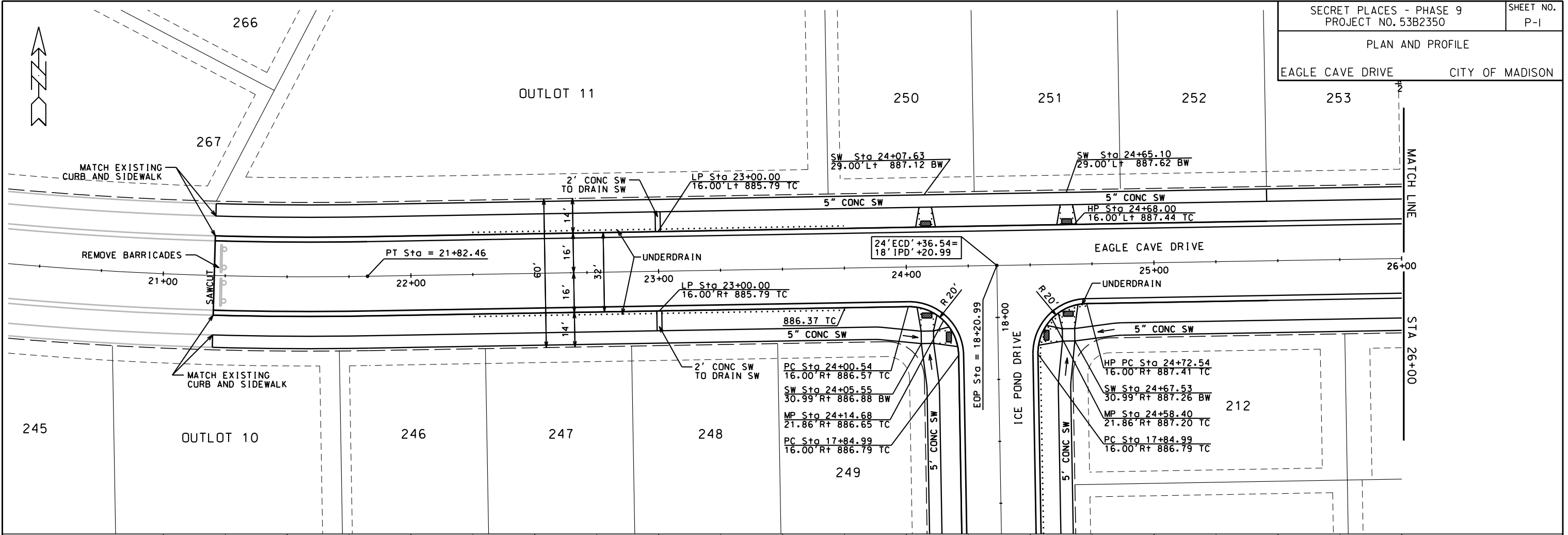
SIDEWALK

SIDEWALK

CONTACT THE CITY ENGINEER FOR A SITE SPECIFIC
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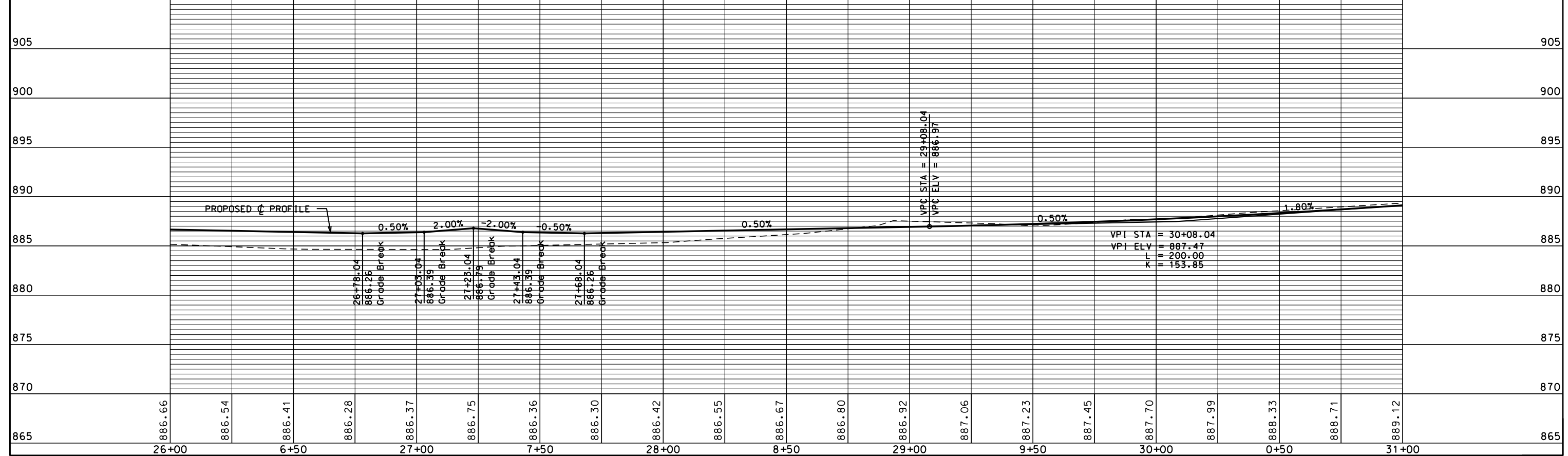
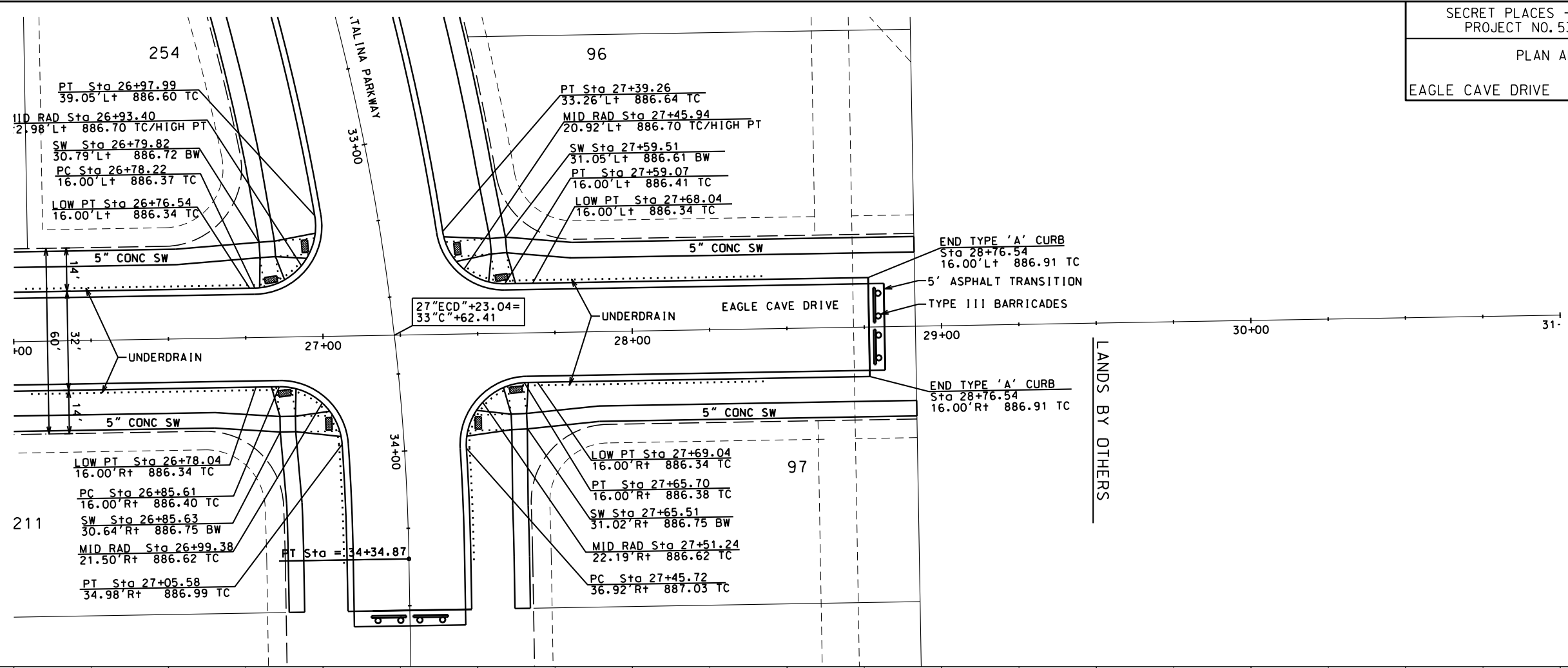


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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



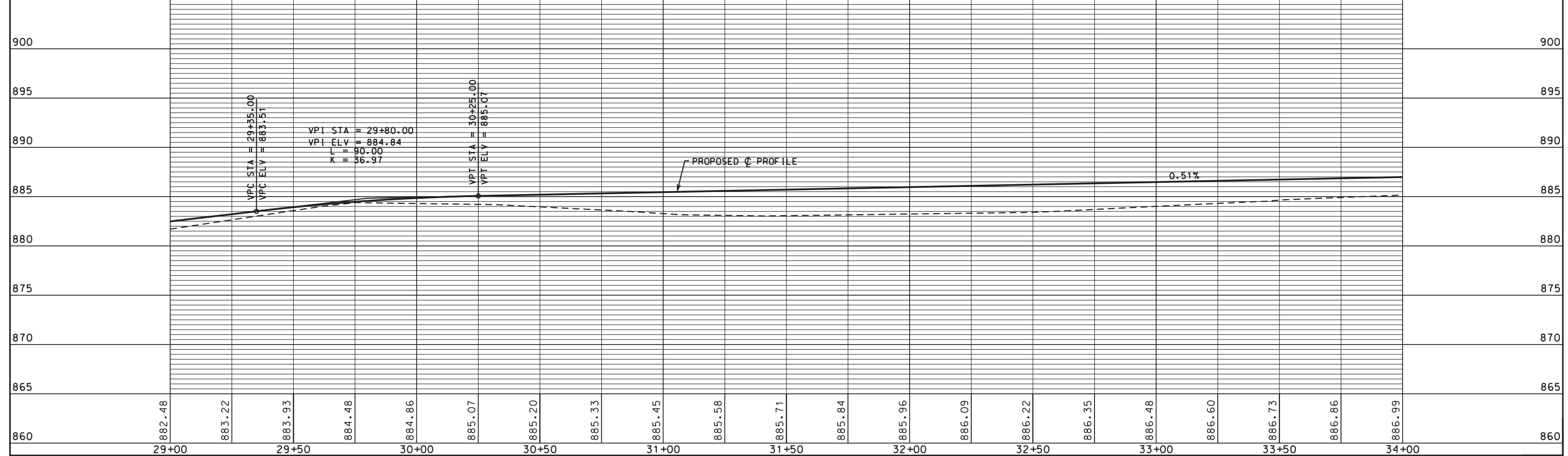
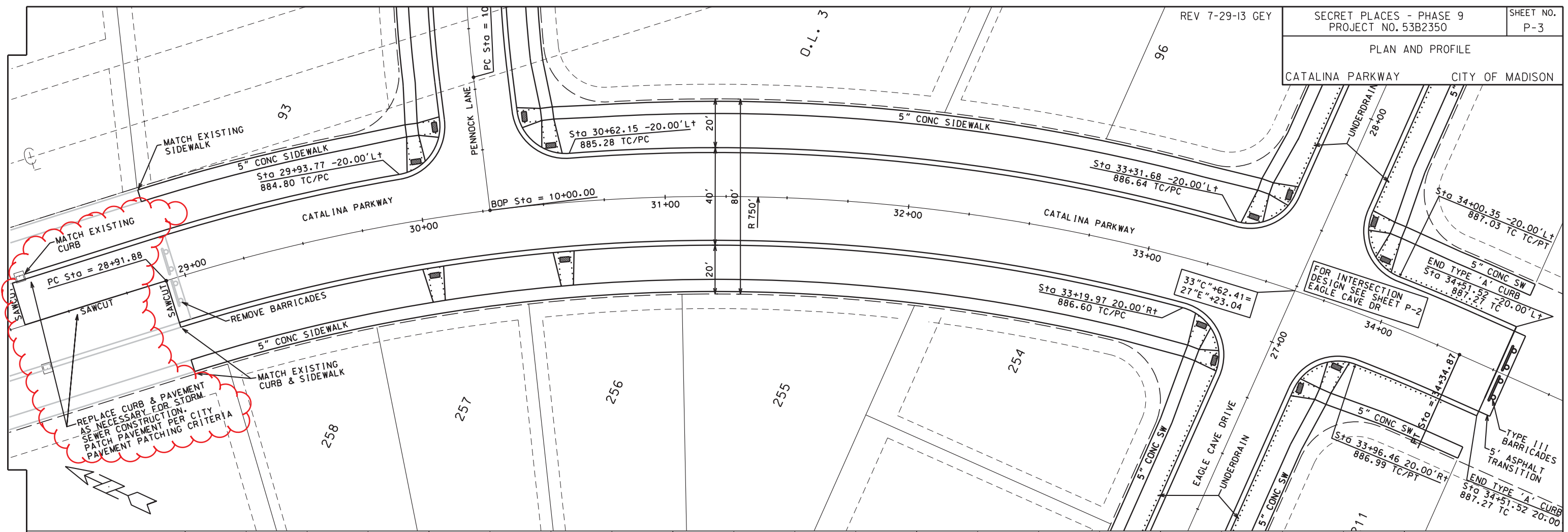
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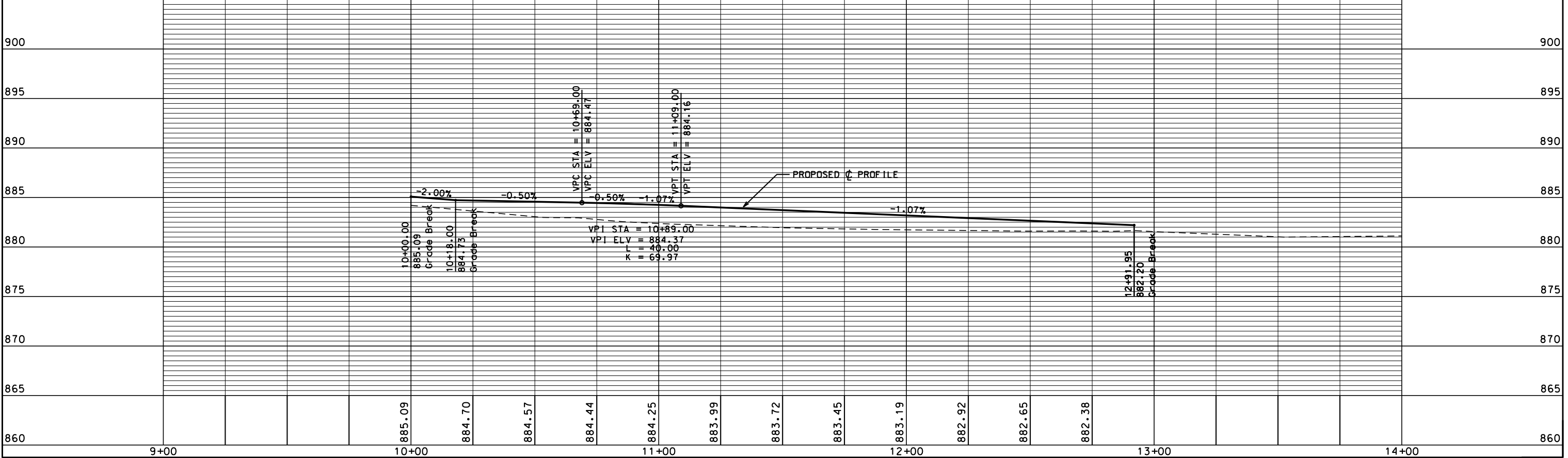
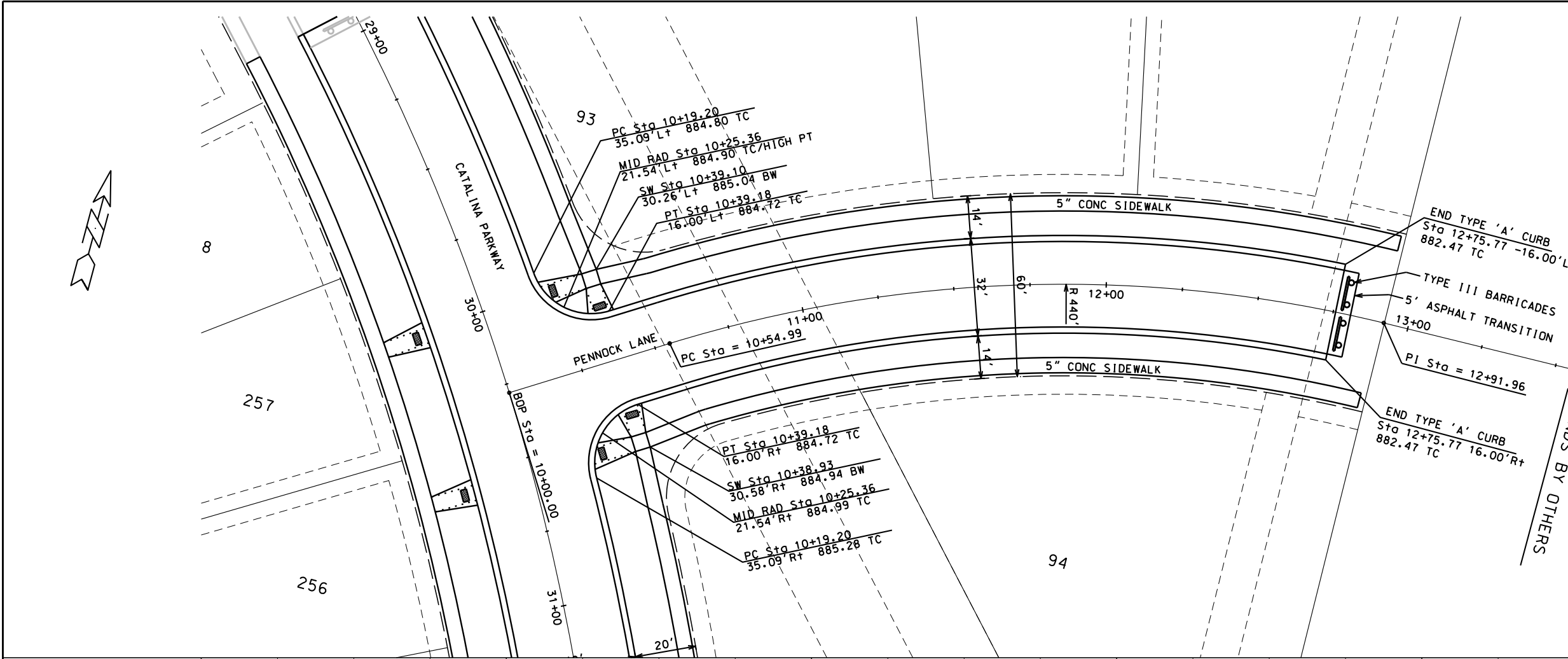
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
CATALINA PARKWAY CITY OF MADISON



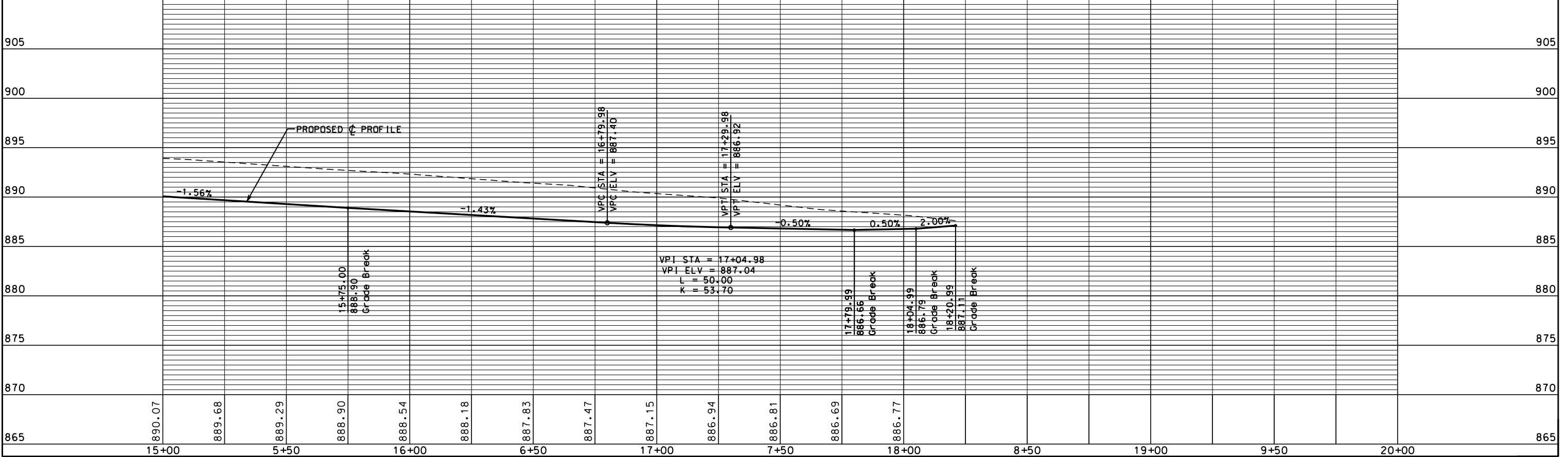
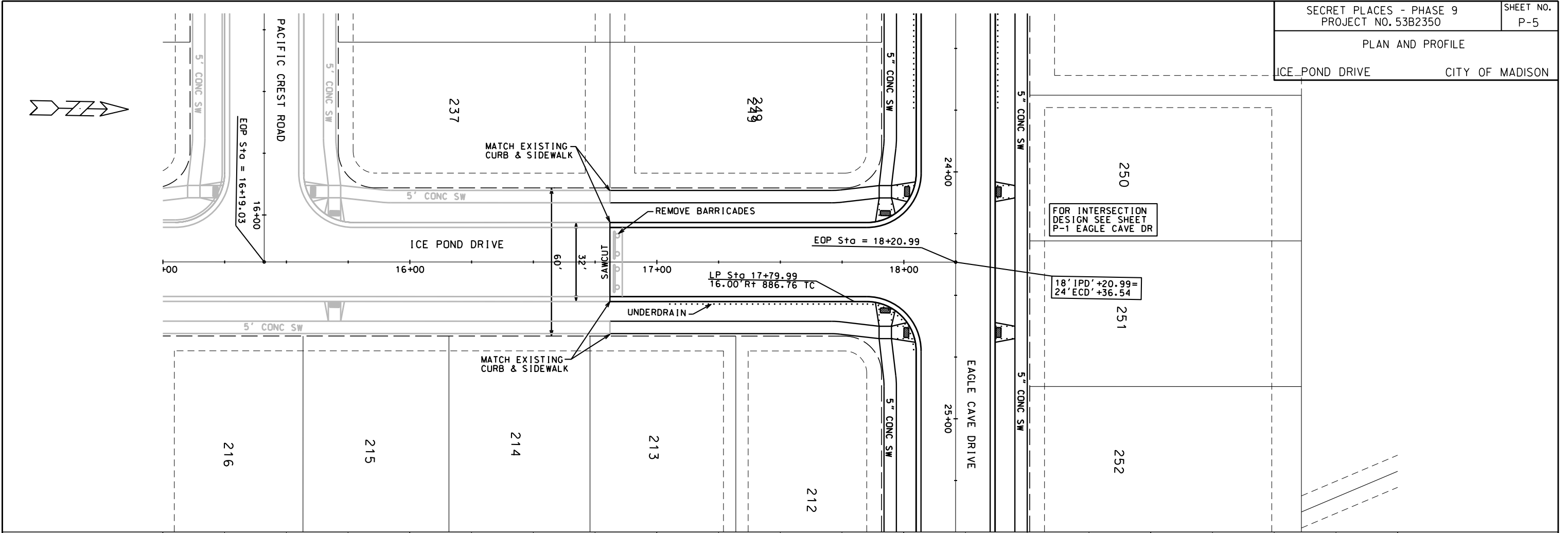
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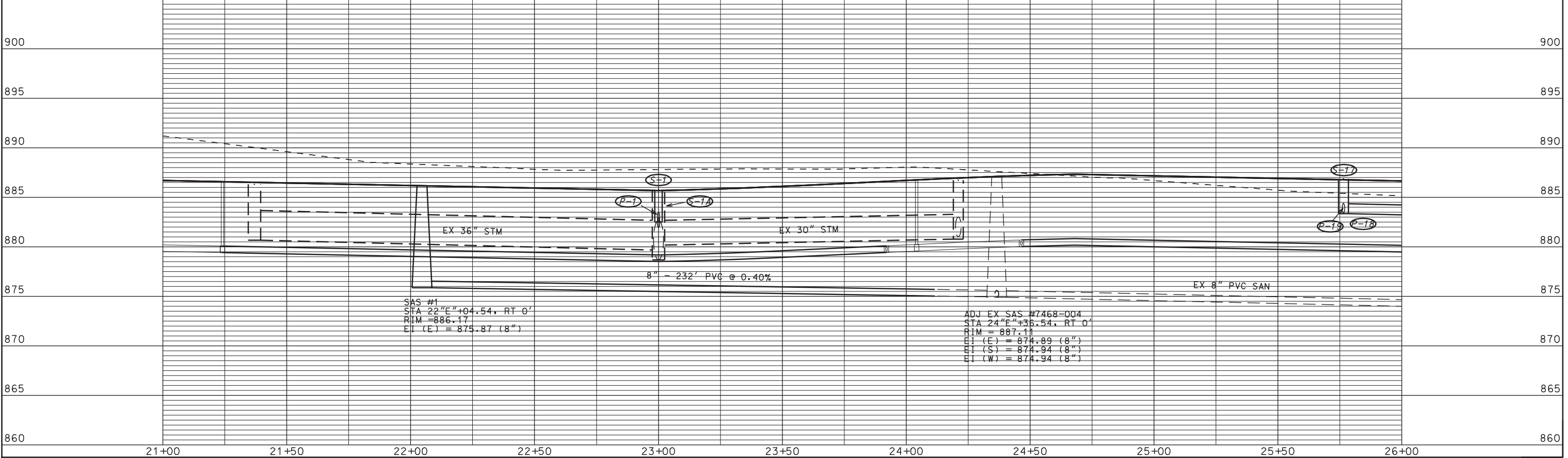
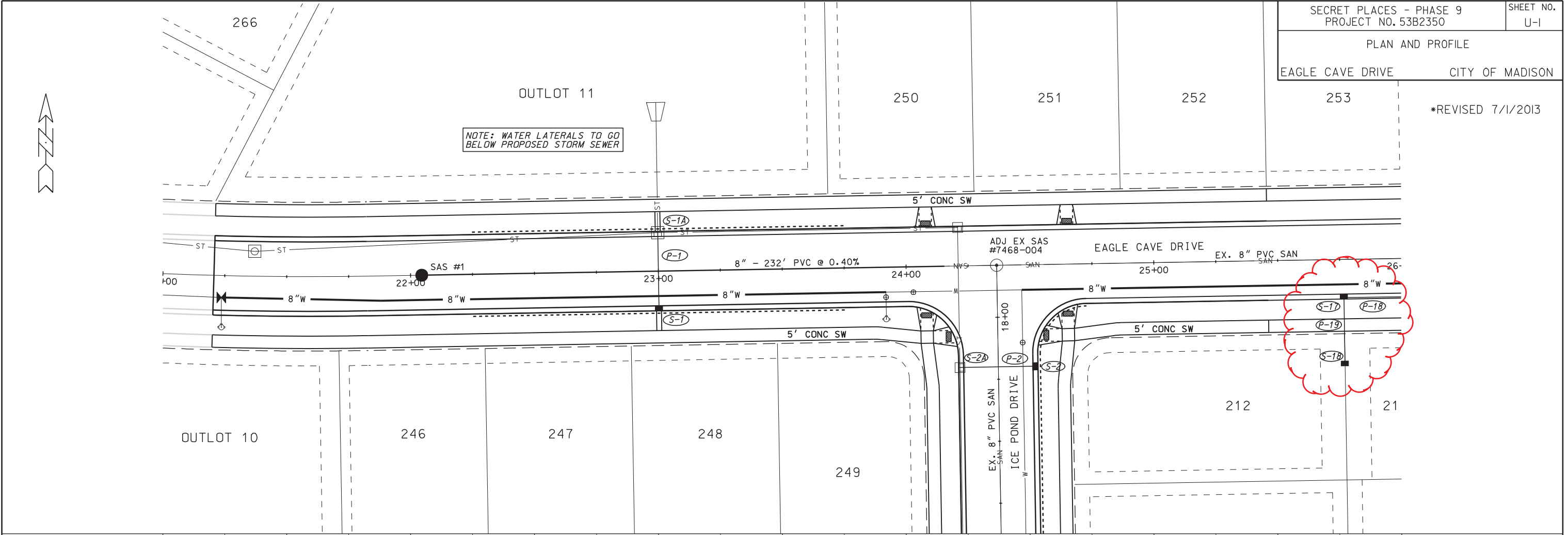


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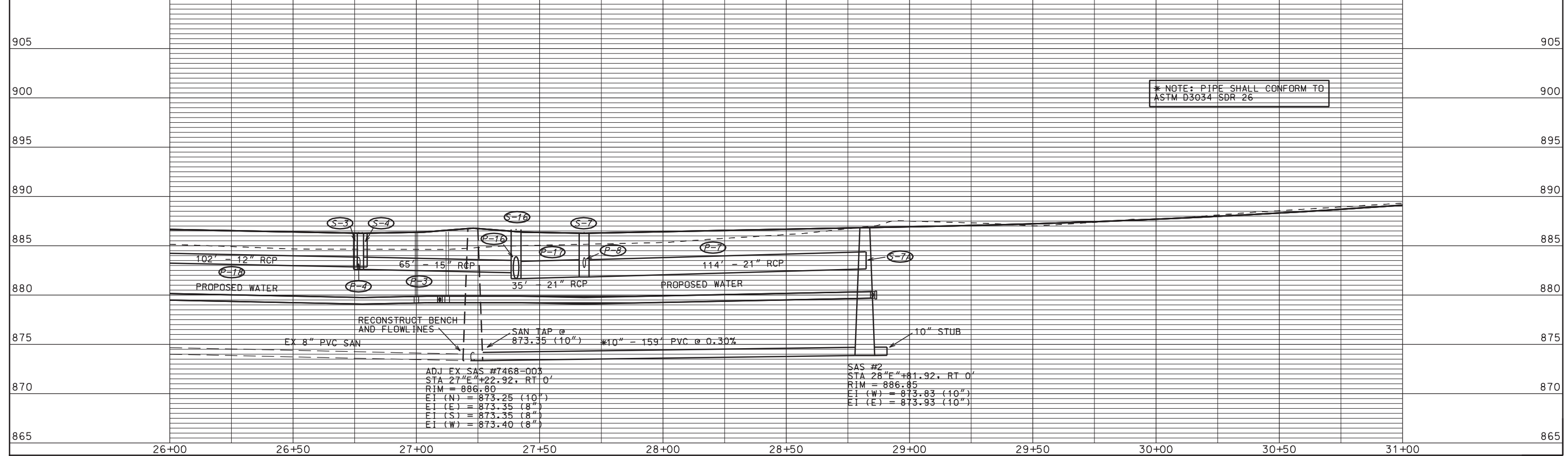
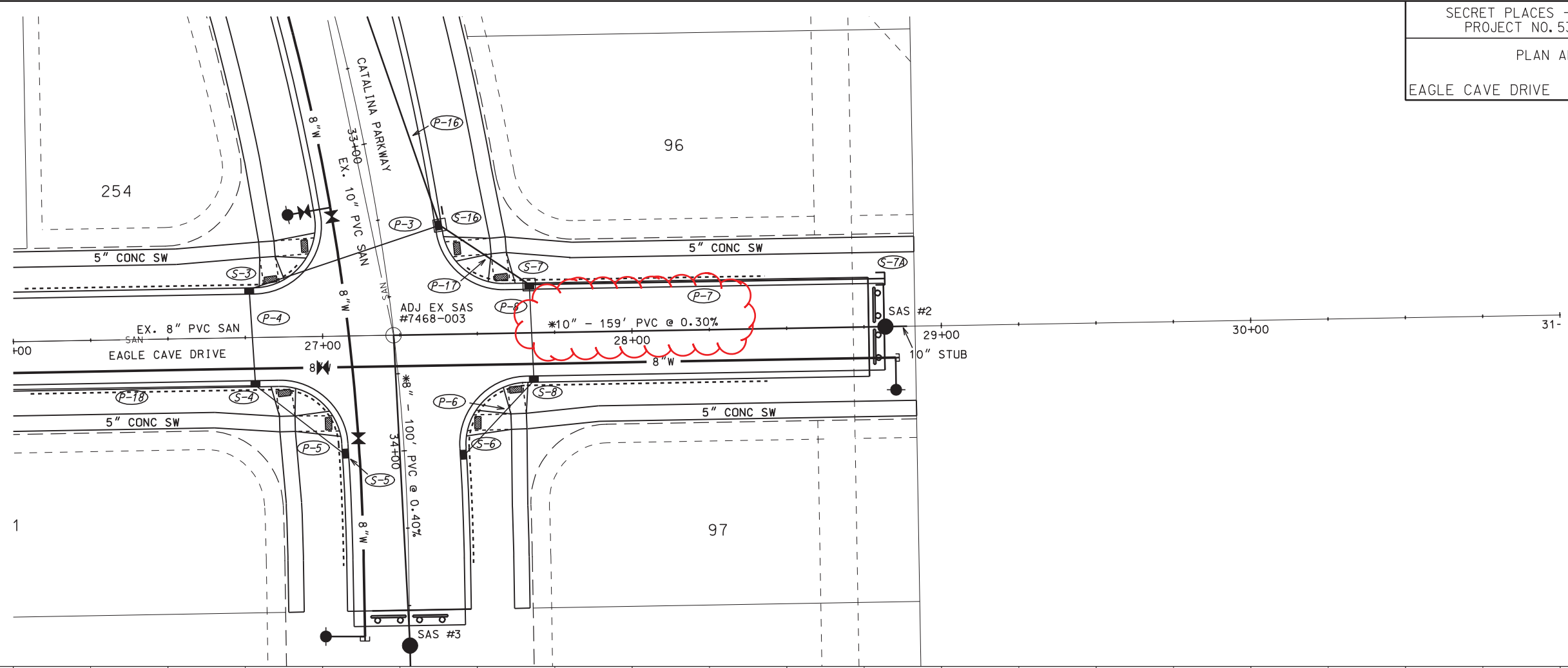
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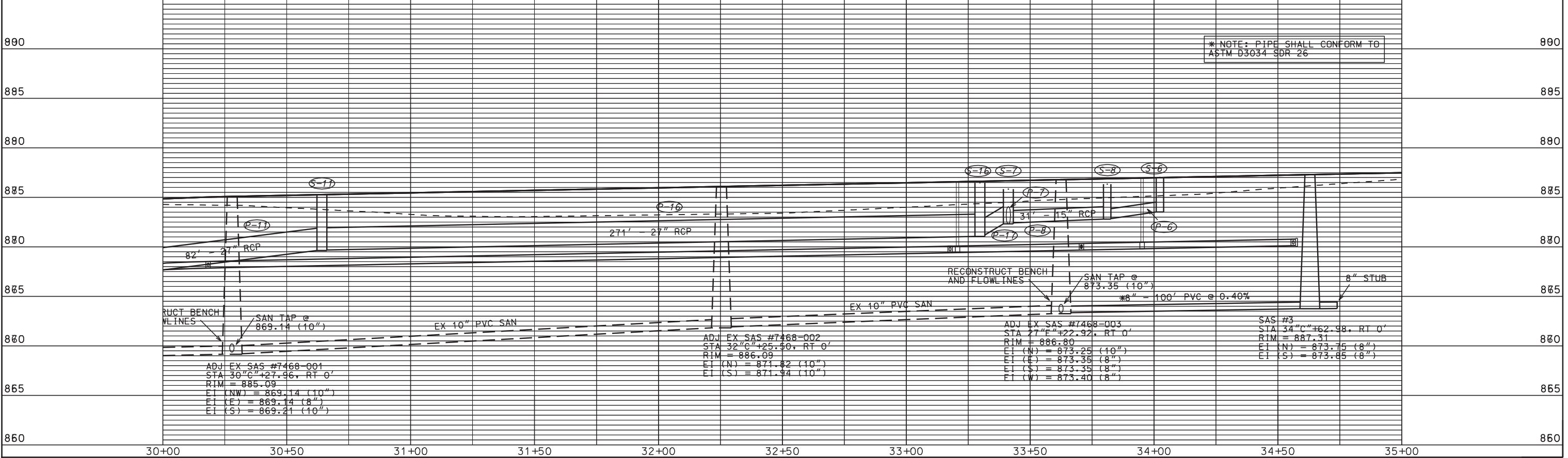
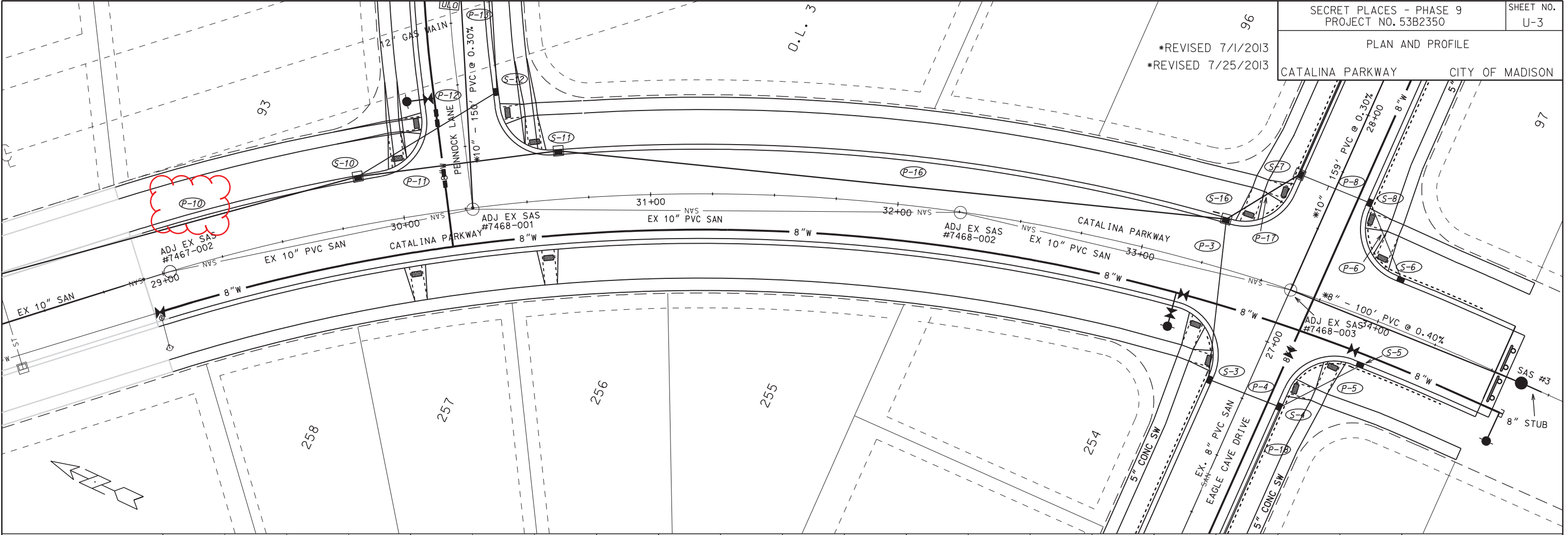
*REVISED 7/1/2013



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:
PLOT NAME:
REV. DATE:

*REVISED 7/1/2013
*REVISED 7/25/2013

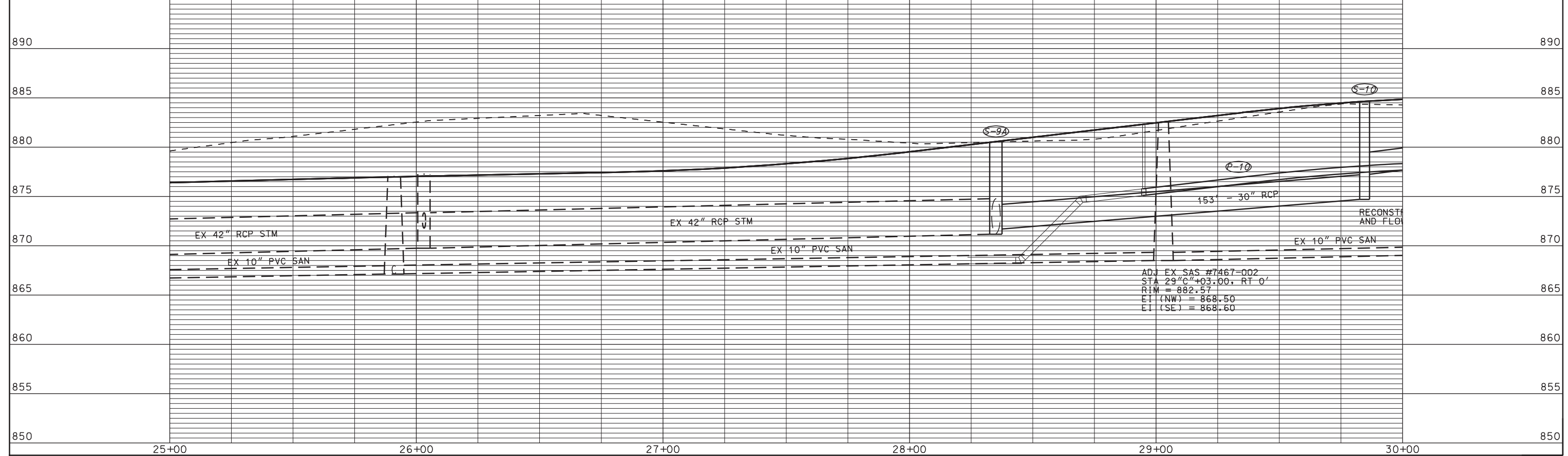
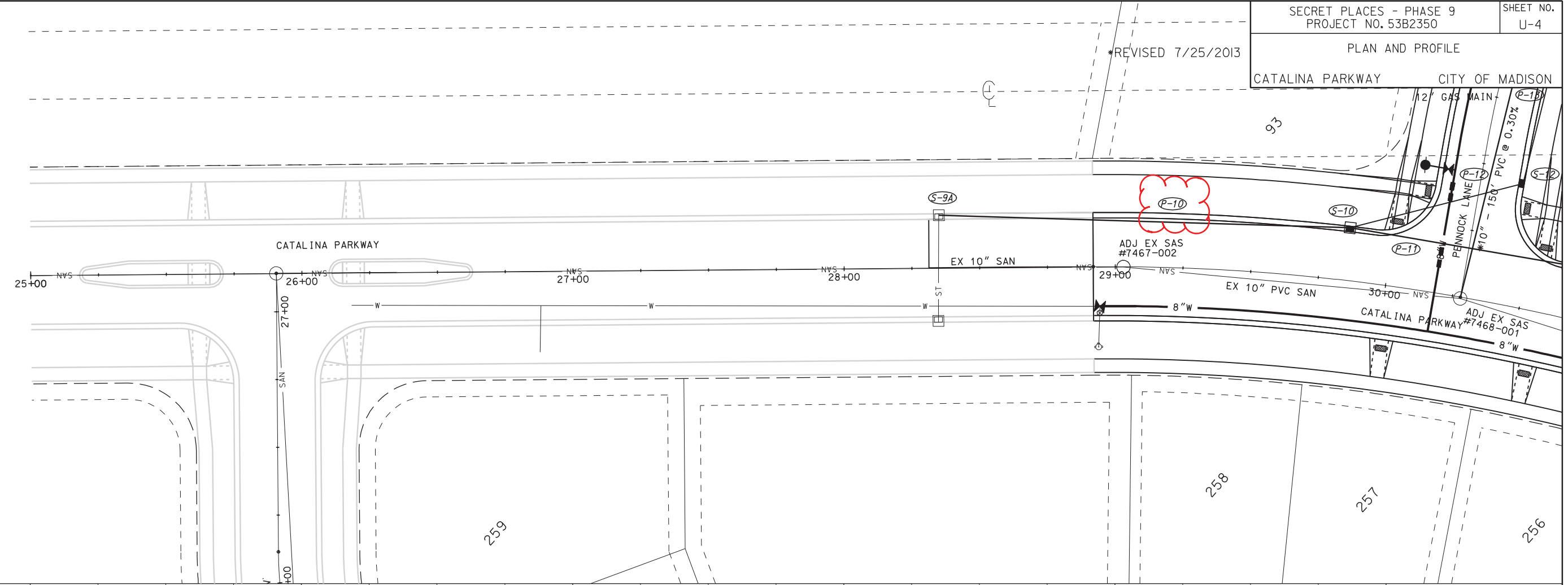
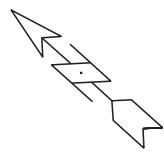


* NOTE: PIPE SHALL CONFORM TO
ASTM D3034 SDR 26

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
CATALINA PARKWAY CITY OF MADISON

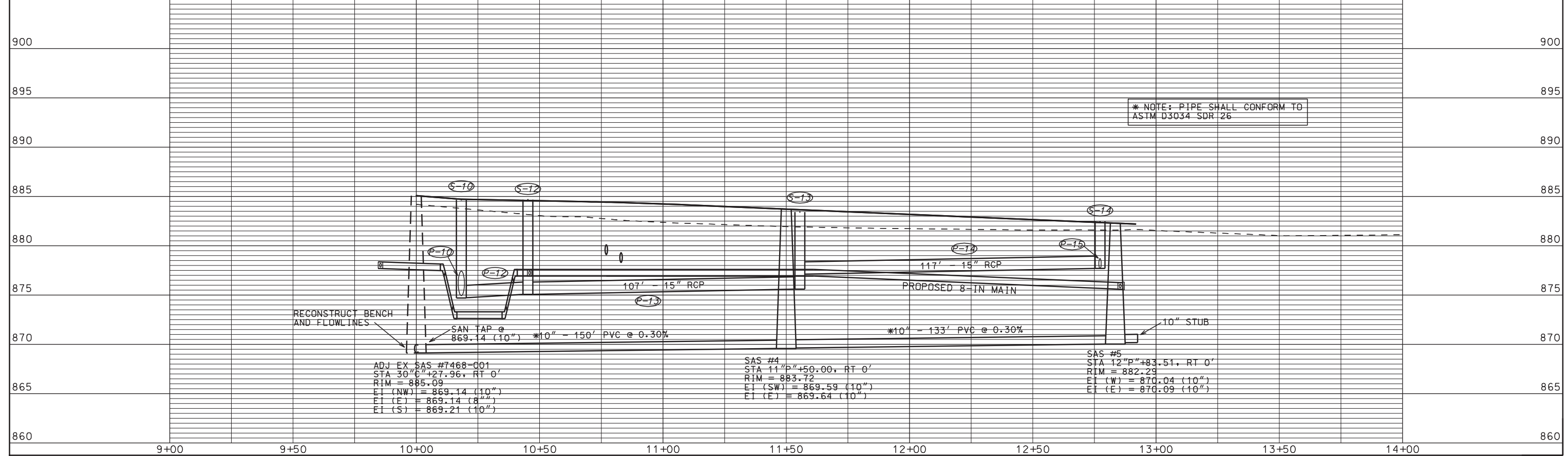
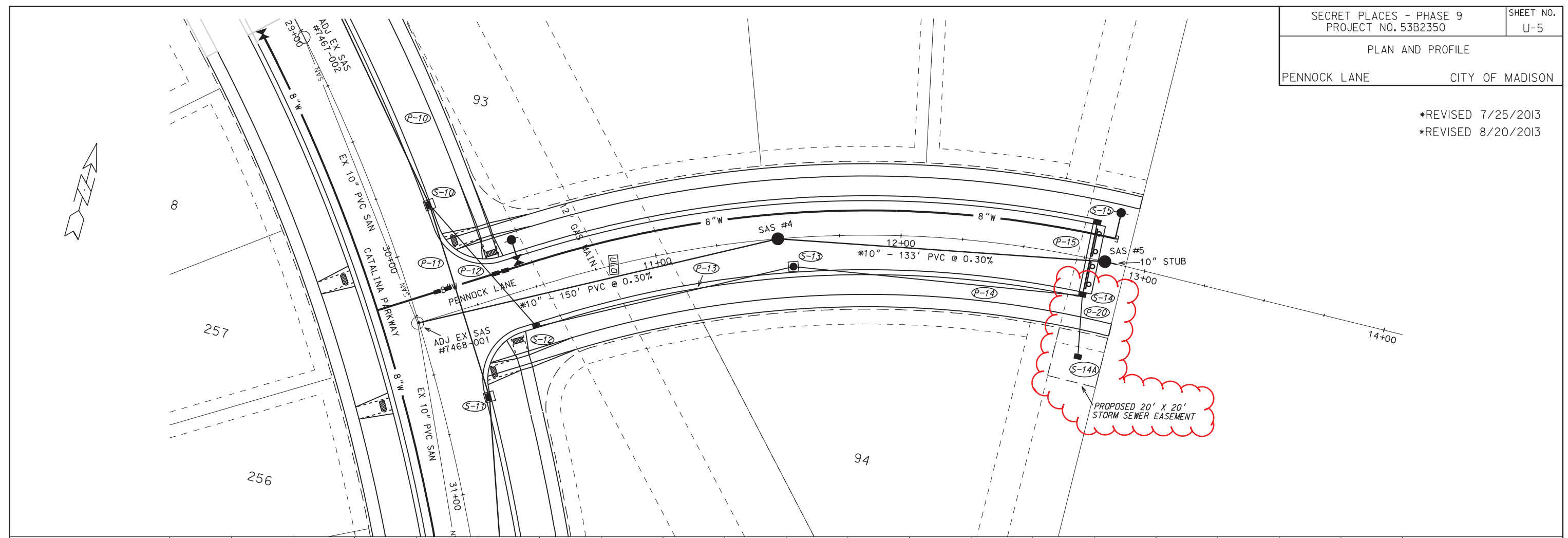
REVISED 7/25/2013



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:
PLOT NAME:
REV. DATE:

*REVISED 7/25/2013
*REVISED 8/20/2013



* NOTE: PIPE SHALL CONFORM TO
ASTM D3034 SDR 26

RECONSTRUCT BENCH
AND FLOWLINES

ADJ EX SAS #7468-001
STA 30' P" +27.96, RT 0'
RIM = 885.09
EI (NW) = 869.14 (10")
EI (E) = 869.14 (8")
EI (S) = 869.21 (10")

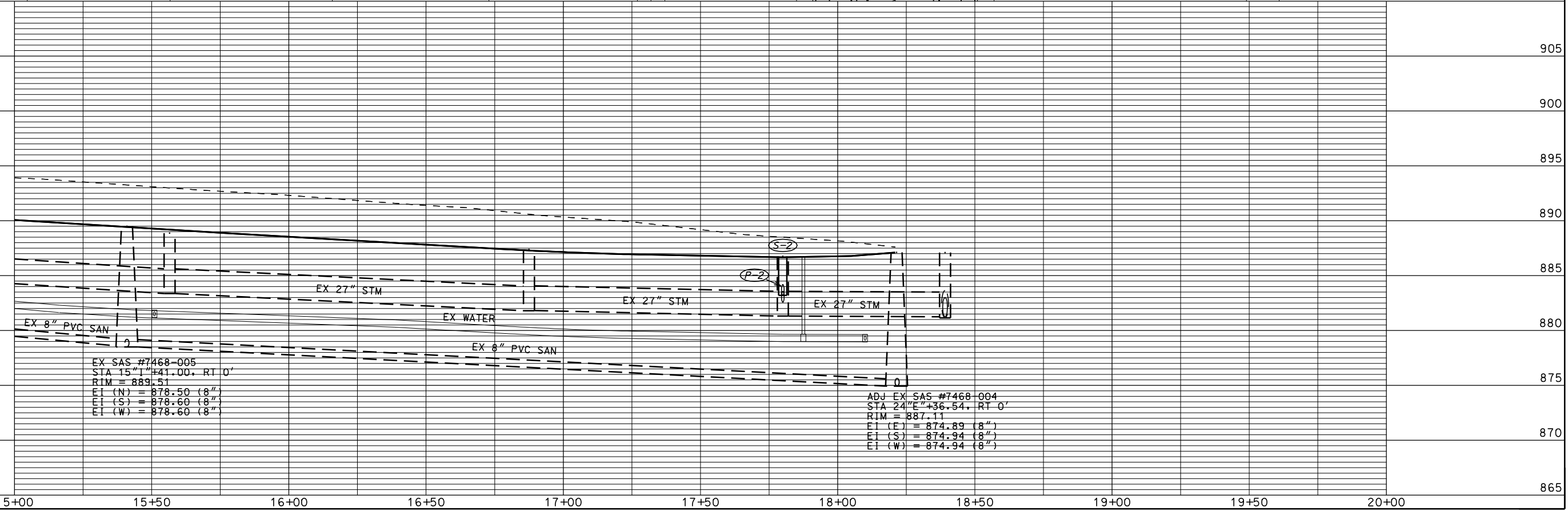
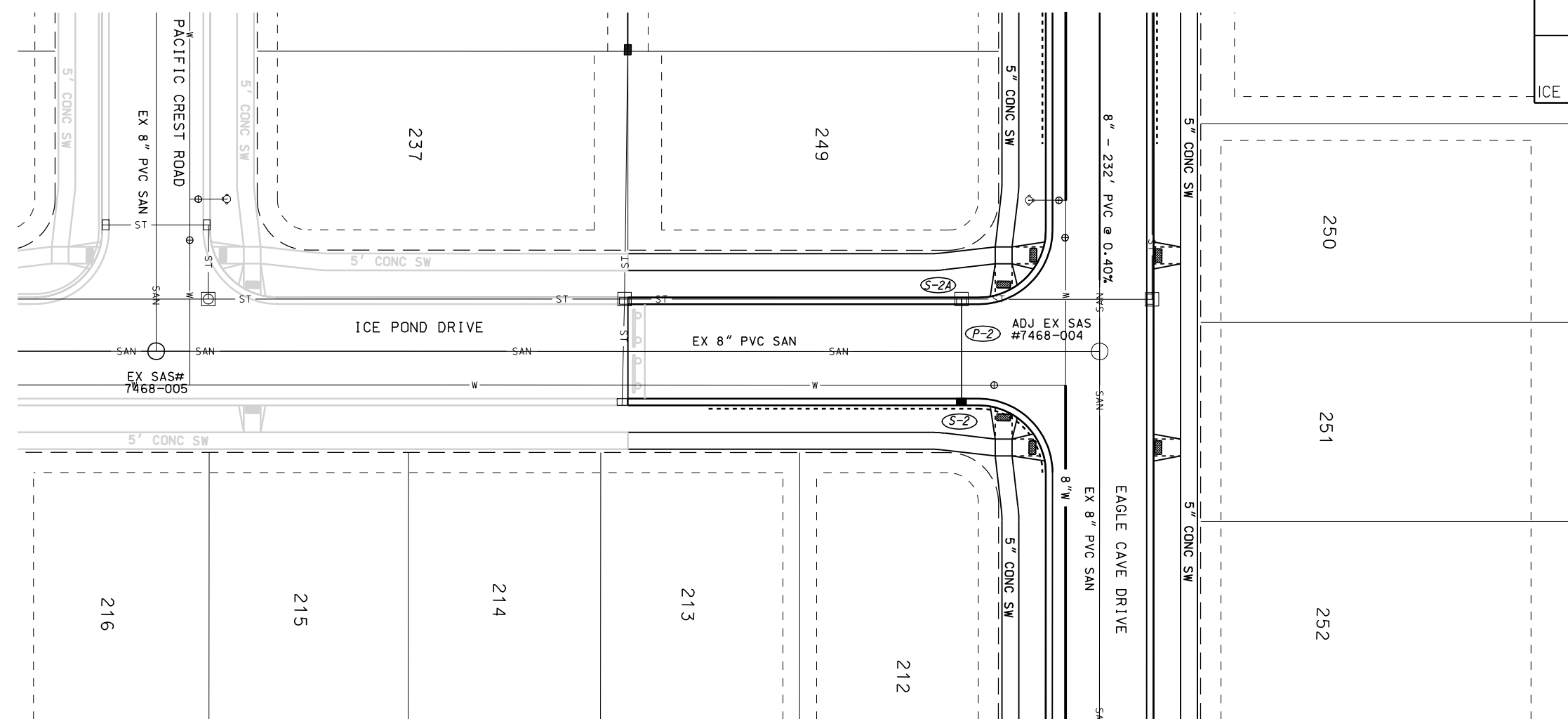
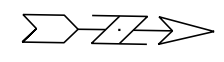
SAS #4
STA 11' P" +50.00, RT 0'
RIM = 883.72
EI (SW) = 869.59 (10")
EI (E) = 869.64 (10")

SAS #5
STA 12' P" +83.51, RT 0'
RIM = 882.29
EI (W) = 870.04 (10")
EI (E) = 870.09 (10")

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:
PLOT NAME:
REV. DATE:

PLAN AND PROFILE
ICE POND DRIVE CITY OF MADISON



EX SAS #7468-005
STA 15+41.00, RT 0'
RIM = 889.51
EI (N) = 878.50 (8")
EI (S) = 878.60 (8")
EI (W) = 878.60 (8")

ADJ EX SAS #7468-004
STA 18+36.54, RT 0'
RIM = 887.11
EI (N) = 874.89 (8")
EI (S) = 874.94 (8")
EI (W) = 874.94 (8")

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SCHEDULE

ALIGNMENT CODES:

'E' - EAGLE CAVE DRIVE
'C' - CATALINA PARKWAY
'P' - PENNOCK LANE
'I' - ICE POND DRIVE

SECRET PLACES - PHASE 9
PROJECT NO. 53B2350

SHEET NO.
U-7

SEWER SCHEDULE CITY OF MADISON

*REVISED 7/1/2013
*REVISED 7/25/2013
*REVISED 8/20/2013

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS #1	22'E+04.54	CL	886.17	875.87	10.30	4' DIA
SAS #2	28'E+81.92	CL	886.85	873.83	13.02	4' DIA
SAS #3	34'C+62.98	CL	887.31	873.75	13.56	4' DIA
SAS #4	11'P+50.00	CL	883.72	869.59	14.13	4' DIA
SAS #5	12'P+83.51	CL	882.29	870.04	12.25	4' DIA

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
EX.SAS 7468-004	SAS #1	874.94	875.87	232	0.40%	8"	SDR-35	(1)
EX.SAS 7468-003	SAS #2	873.35	873.83	159	0.30%	10"	SDR-26	(2)
EX.SAS 7468-003	SAS #3	873.35	873.75	100	0.40%	8"	SDR-26	(1)
EX.SAS 7468-001	SAS #4	869.14	869.59	150	0.30%	10"	SDR-26	(2)
SAS #4	SAS #5	869.64	870.04	133	0.30%	10"	SDR-26	

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	23'E+00.00	RT-15.50	H INLET	885.79	882.50	3.29	W/R-3067-7004
S-1A	23'E+00.00	LT-15.50	STM TAP	-	881.94	-	TAP EX IN 7468-001
S-2	17'I+80.00	RT-15.50	H INLET	886.76	883.20	3.56	W/R-3067-7004
S-2A	17'I+80.00	LT-15.50	STM TAP	-	882.58	-	TAP EX IN 7468-007
S-3	26'E+76.54	RT-15.50	H INLET	886.34	882.60	3.74	W/R-3067-7004 (FP)
S-4	26'E+78.04	RT-15.50	H INLET	886.34	882.80	3.54	W/R-3067-7004
S-5	34'C+00.00	RT-19.50	H INLET	887.02	883.52	3.50	W/R-3067-7004
S-6	34'C+02.40	LT-19.50	H INLET	887.02	883.52	3.50	W/R-3067-7004
S-7	27'E+68.04	LT-15.50	4X4 SAS	886.34	881.85	4.49	W/R-3067-7004
S-7A	28'E+81.92	LT-15.50	STM STUB	-	882.50	-	
S-8	27'E+69.04	RT-15.50	H INLET	886.34	882.80	3.54	W/R-3067-7004
S-9A	28'C+35.07	LT-19.50	STM TAP	-	871.70	-	TAP EX IN 7467-003
S-10	29'C+84.60	LT-19.50	4X4 SAS	884.66	874.70	9.96	W/R-3067-7004
S-11	30'C+64.17	LT-19.50	4X4 SAS	885.29	879.64	5.65	W/R-3067-7004
S-12	10'P+45.24	RT-15.50	H INLET	884.69	875.27	9.42	W/R-3067-7004 (FP)
S-13	11'P+55.55	RT-11.70	4X4 SAS	883.43	875.61	7.82	W/R-1550
S-14	12'P+77.32	RT-15.50	H INLET	882.45	877.70	4.75	W/R-3067-7004 (FP)
S-15	12'P+77.32	LT-15.50	H INLET	882.45	877.86	4.59	W/R-3067-7004
S-16	33'C+29.75	LT-19.50	4X4 SAS	886.63	881.05	5.58	W/R-3067-7004
S-17	25'E+76.50	RT-15.50	H INLET	886.87	883.36	3.51	W/R-3067-7004
S-18	25'E+76.50	RT-42.00	H INLET	886.30	883.54	2.76	W/R-1887-B7G (FP) (3)
S-14A	12'P+81.00	RT-40.00	H INLET	880.50	877.97	2.53	W/R-1887-B7G (FP) (3)

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1A	S-1	31	881.94	882.50	1.81%	12"	RCP	-
P-2	S-2A	S-2	31	882.58	883.20	2.00%	12"	RCP	-
P-3	S-16	S-3	65	882.27	882.60	0.51%	15"	RCP	-
P-4	S-3	S-4	31	882.64	882.80	0.52%	15"	RCP	-
P-5	S-4	S-5	36	882.85	883.52	1.86%	12"	RCP	-
P-6	S-8	S-6	33	882.85	883.52	2.03%	12"	RCP	-
P-7	S-7	S-7A	114	881.89	882.46	0.50%	21"	RCP	-
P-8	S-7	S-8	31	882.60	882.80	0.65%	15"	RCP	-
P-10	S-9A	S-10	153	871.70	874.70	1.96%	30"	RCP	-
P-11	S-10	S-11	82	877.25	879.64	2.91%	27"	RCP	-
P-12	S-10	S-12	66	874.74	875.07	0.50%	15"	RCP	-
P-13	S-12	S-13	107	875.08	875.61	0.50%	15"	RCP	-
P-14	S-13	S-14	117	877.12	877.70	0.50%	15"	RCP	-
P-15	S-14	S-15	31	877.71	877.86	0.50%	12"	RCP	-
P-16	S-11	S-16	271	879.69	881.05	0.50%	27"	RCP	-
P-17	S-16	S-7	35	881.20	881.85	1.86%	21"	RCP	-
P-18	S-4	S-17	102	882.85	883.36	0.50%	12"	RCP	-
P-19	S-17	S-18	26.5	883.41	883.54	0.50%	12"	RCP	-
P-20	P-14	P-14A	26	877.71	877.97	1.00%	12"	RCP	-

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 KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

SPECIFIC NOTES

- (1) CONNECT TO EXISTING STUB
- (2) REMOVE STUB, TAP, & RECONSTRUCT FLOWLINE OF EXISTING SAS STRUCTURE
- (3) INSTALL MINIMUM 6" OF ADJUSTMENT RINGS

PLOT SCALE: ---
PLOT NAME: ---
REV. DATE: ---

WATER PLAN AND PROFILE

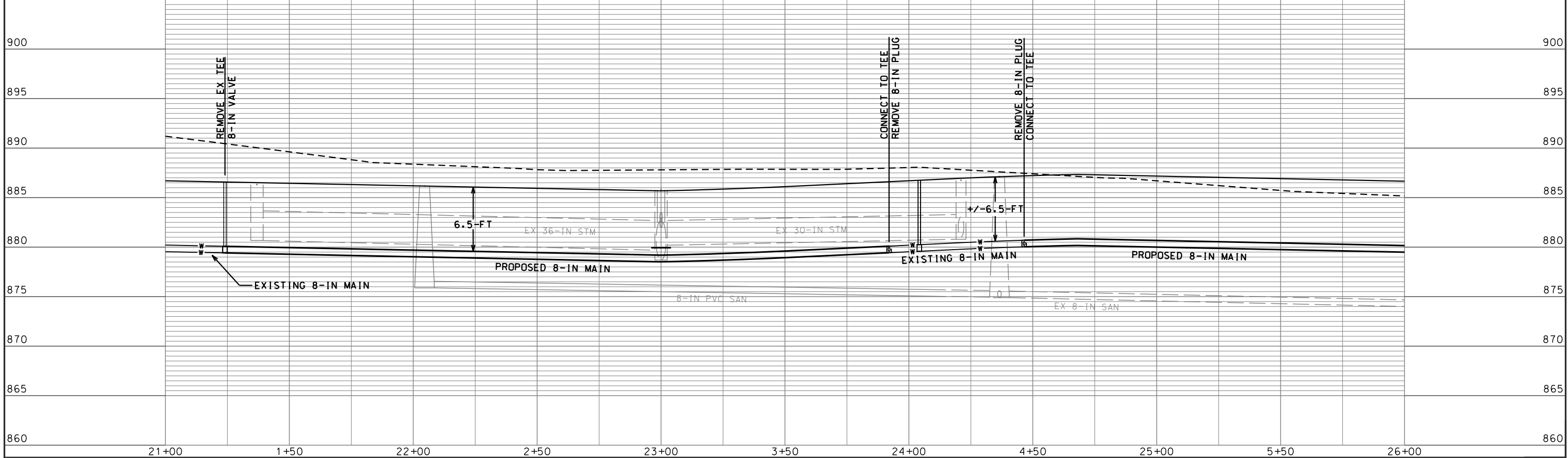
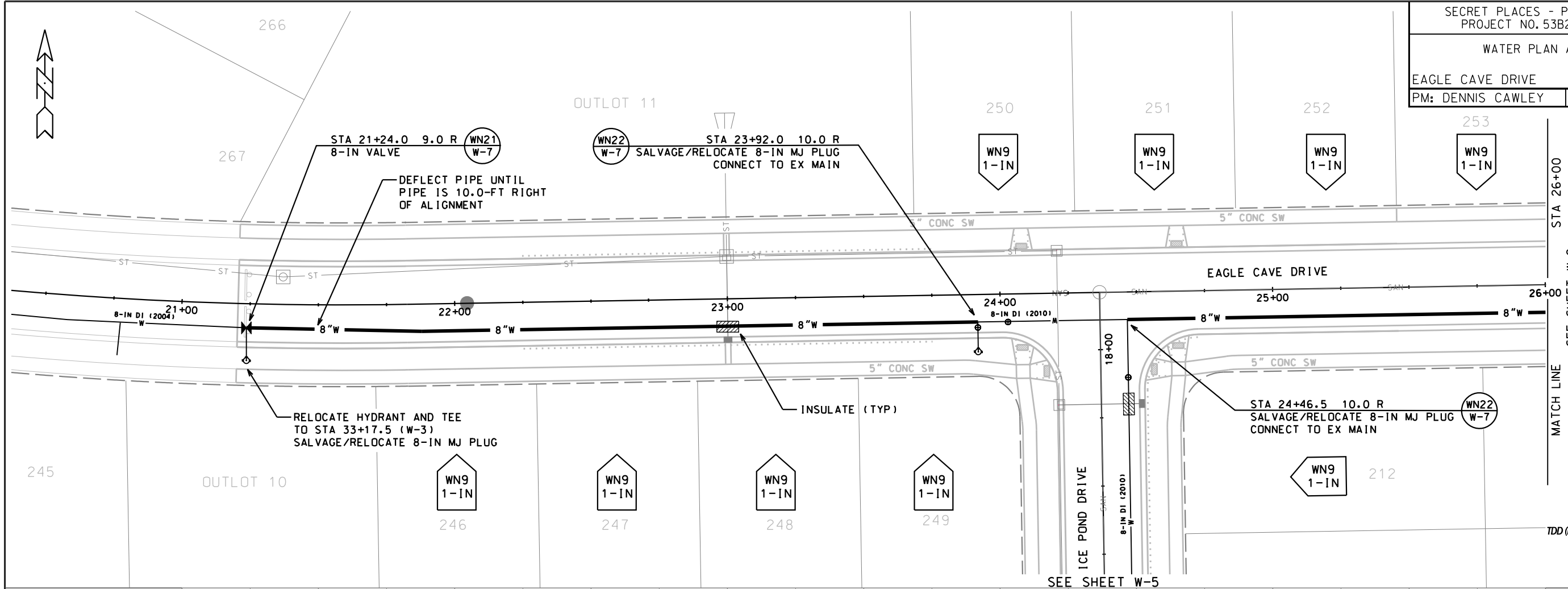
EAGLE CAVE DRIVE CITY OF MADISON
PM: DENNIS CAWLEY DESIGNER: AJK

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.



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

CALL DIGGERS HOTLINE
811
or 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.



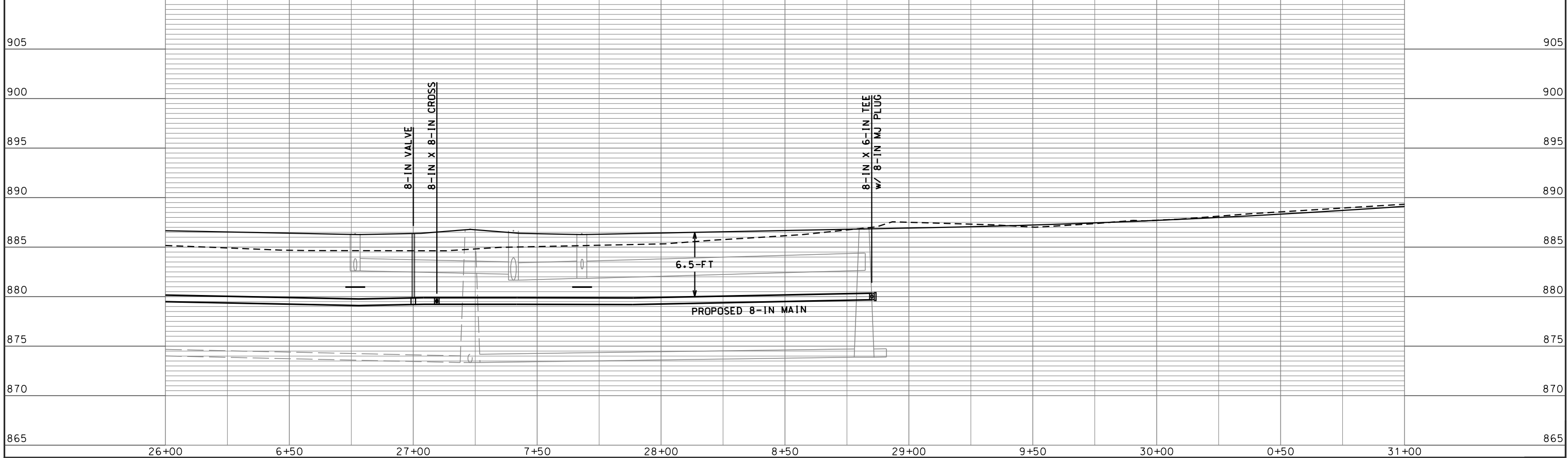
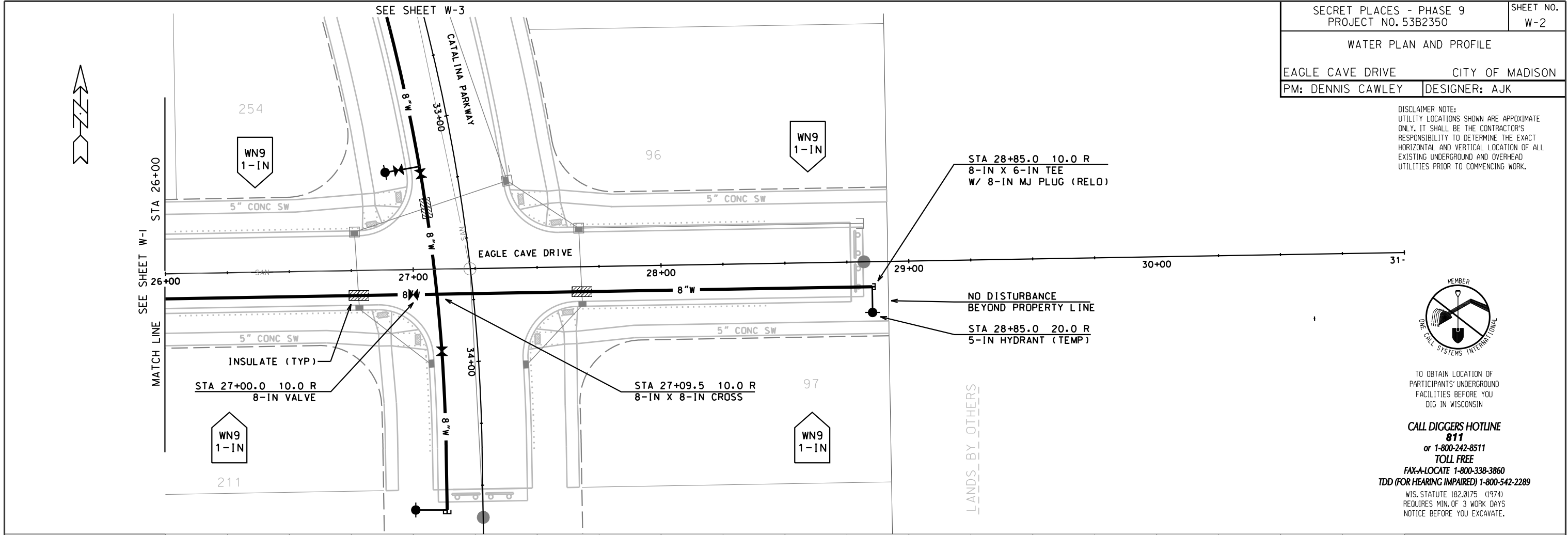
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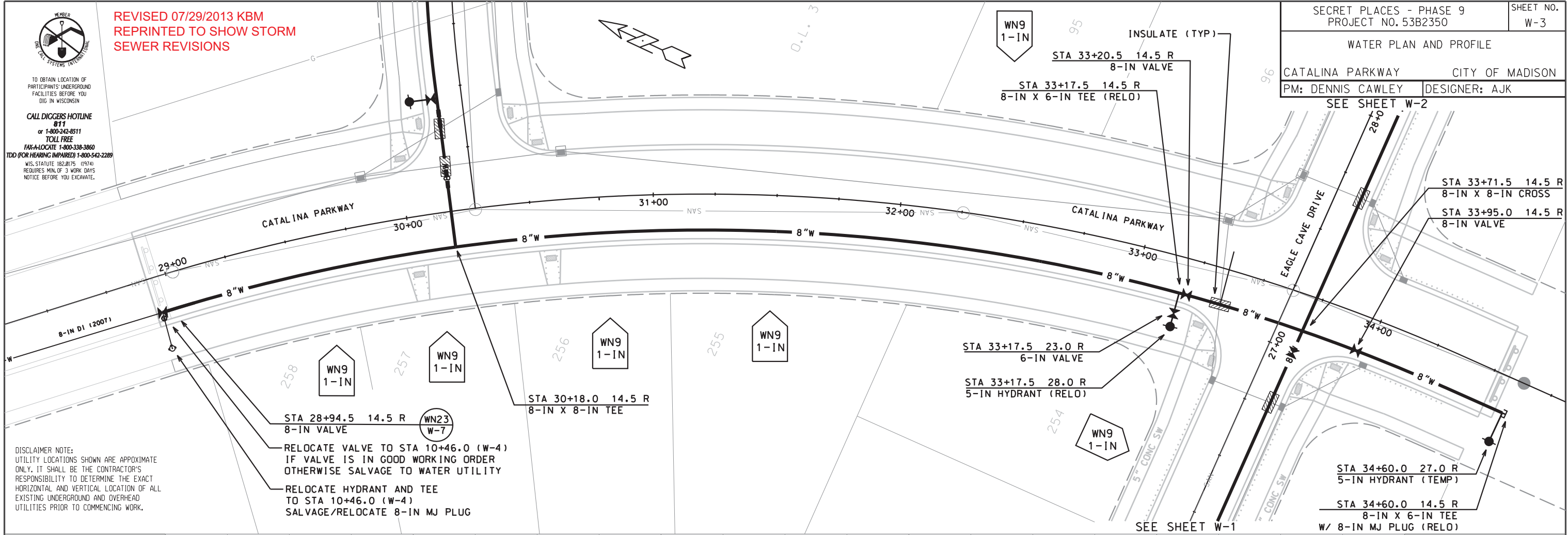
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REVISED 07/29/2013 KBM
REPRINTED TO SHOW STORM
SEWER REVISIONS

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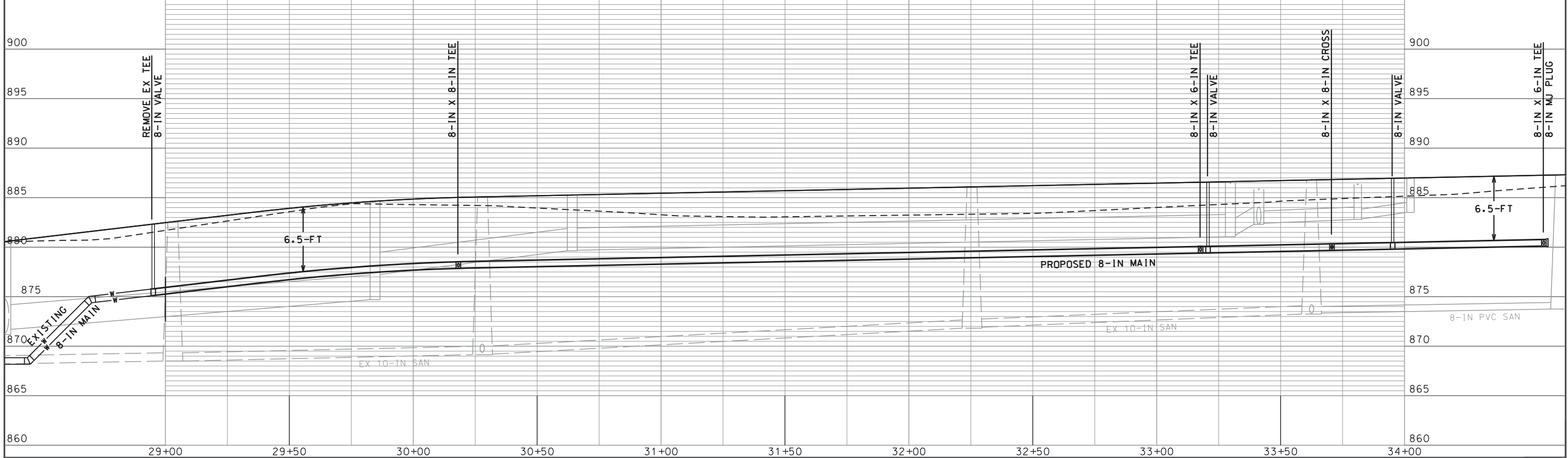
SECRET PLACES - PHASE 9
 PROJECT NO. 53B2350
 SHEET NO. W-3
 WATER PLAN AND PROFILE
 CATALINA PARKWAY CITY OF MADISON
 PM: DENNIS CAWLEY DESIGNER: AJK
 SEE SHEET W-2



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RELOCATE VALVE TO STA 10+46.0 (W-4) IF VALVE IS IN GOOD WORKING ORDER OTHERWISE SALVAGE TO WATER UTILITY

RELOCATE HYDRANT AND TEE TO STA 10+46.0 (W-4) SALVAGE/RELOCATE 8-IN MJ PLUG



PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REPRINTED 08/20/2013
TO REFLECT STORM
REVISIONS

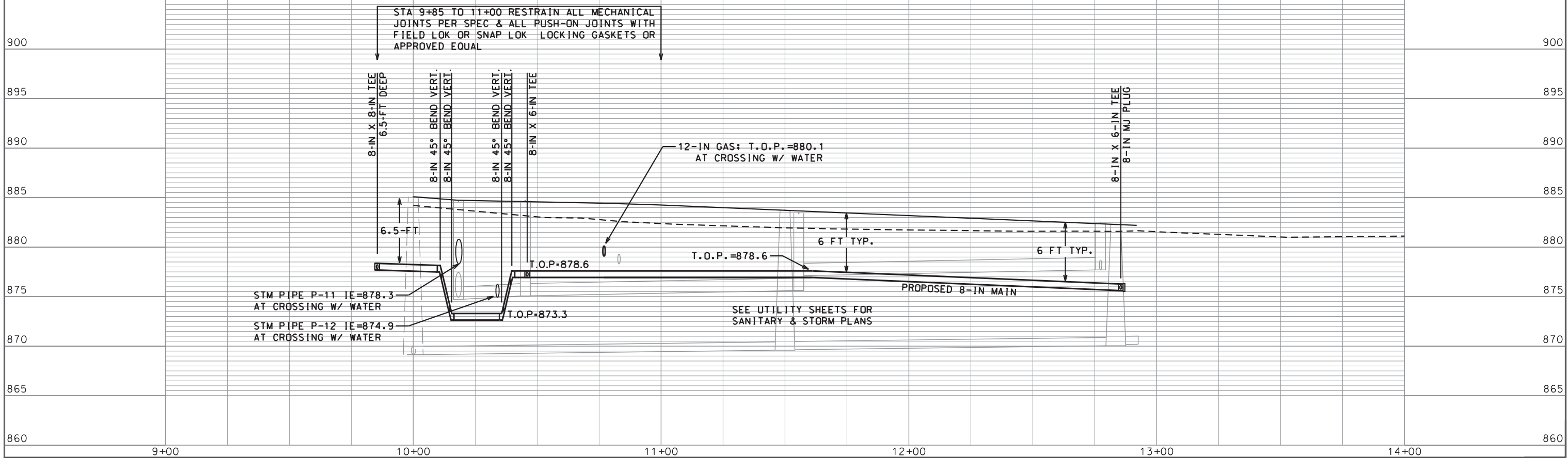
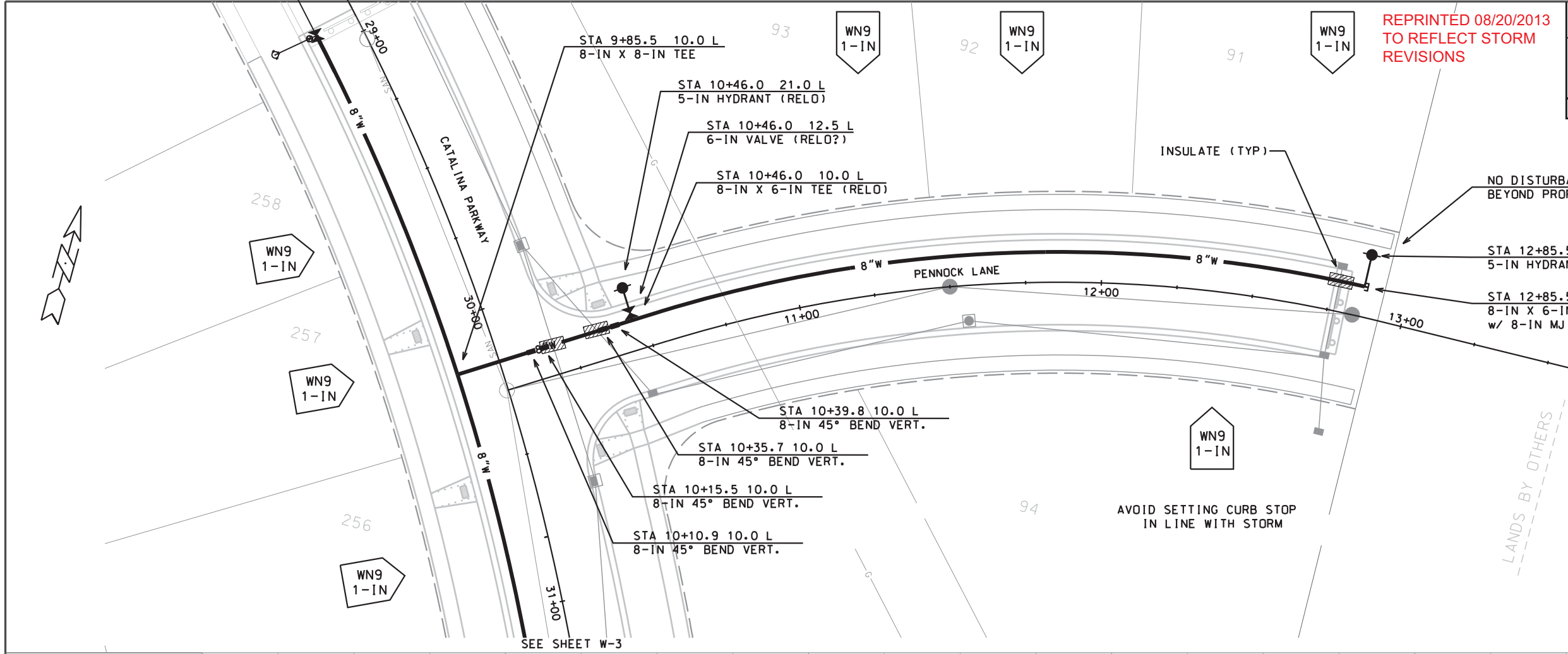
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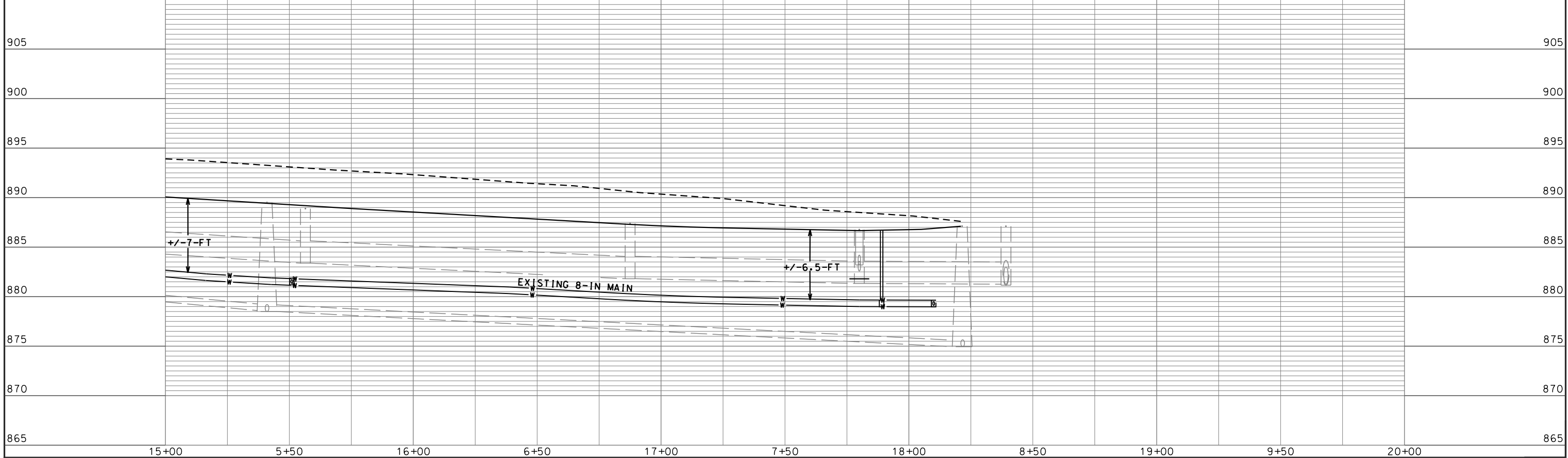
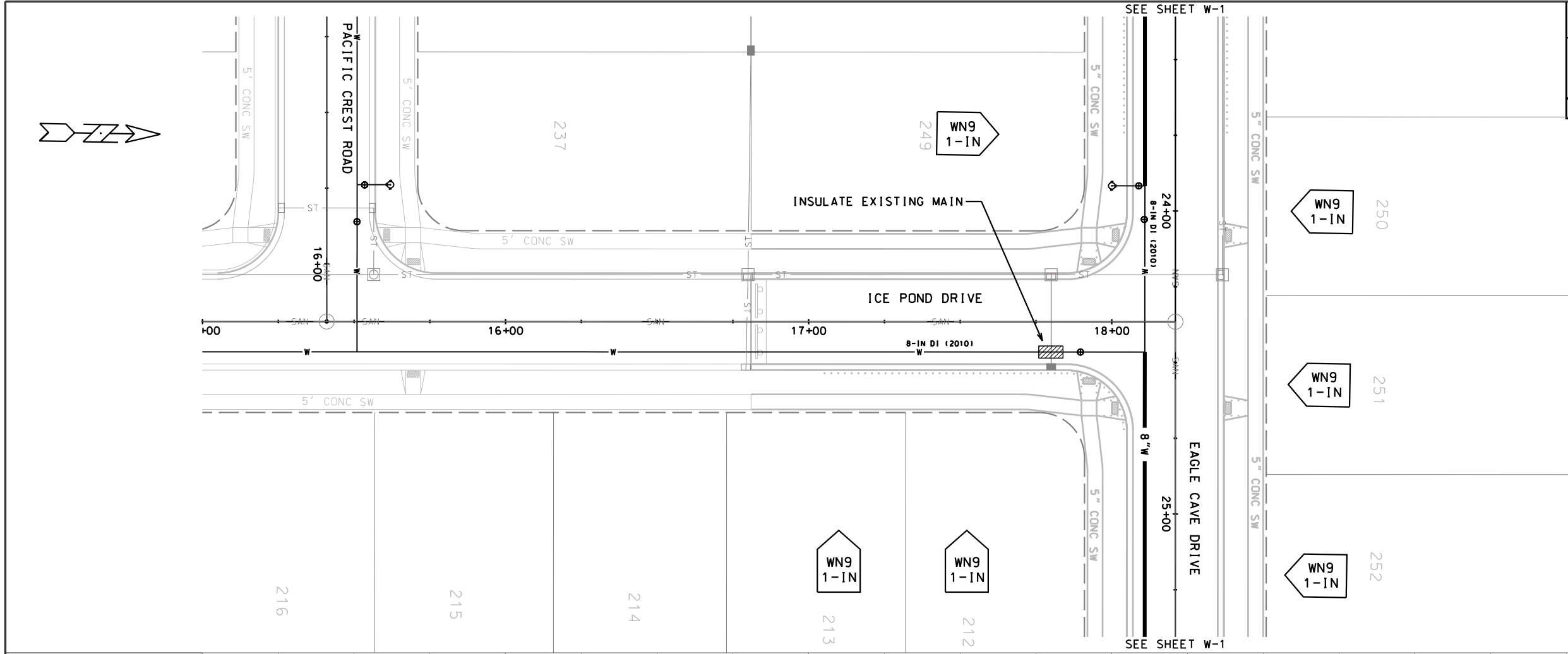
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION
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PLOT SCALE:
PLOT NAME:
REV. DATE:

ORIGINATOR: C:\I:\SIBS\DIVISION\DESIGN\STREETS\WATER\W-5 RCP02012.DGN

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 DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 4. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
 5. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.
- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

- | | |
|------------------------|-----------------------------------|
| 60-FT - 6-IN PIPE | 1 - 8-IN X 8-IN CROSS |
| 1580-FT - 8-IN PIPE | 4 - 8-IN 45° BEND |
| 1800-FT - POLYWRAP | 3 - 5-IN HYDRANT |
| 1 - 6-IN VALVE AND BOX | 56-FT - 2-IN STYROFOAM INSULATION |
| 5 - 8-IN VALVE AND BOX | 1-IN COPPER TUBING (AS REQ'D) |
| 3 - 8-IN X 6-IN TEE | 8-IN LOCKING GASKETS (AS REQ'D) |
| 1 - 8-IN X 8-IN TEE | SEE SHEET W-4 |

REUSED MATERIALS:

- 2 - 5-IN HYDRANT
- 2 - 8-IN X 6-IN TEE
- 3 - 8-IN MJ PLUG

SALVAGED MATERIALS:

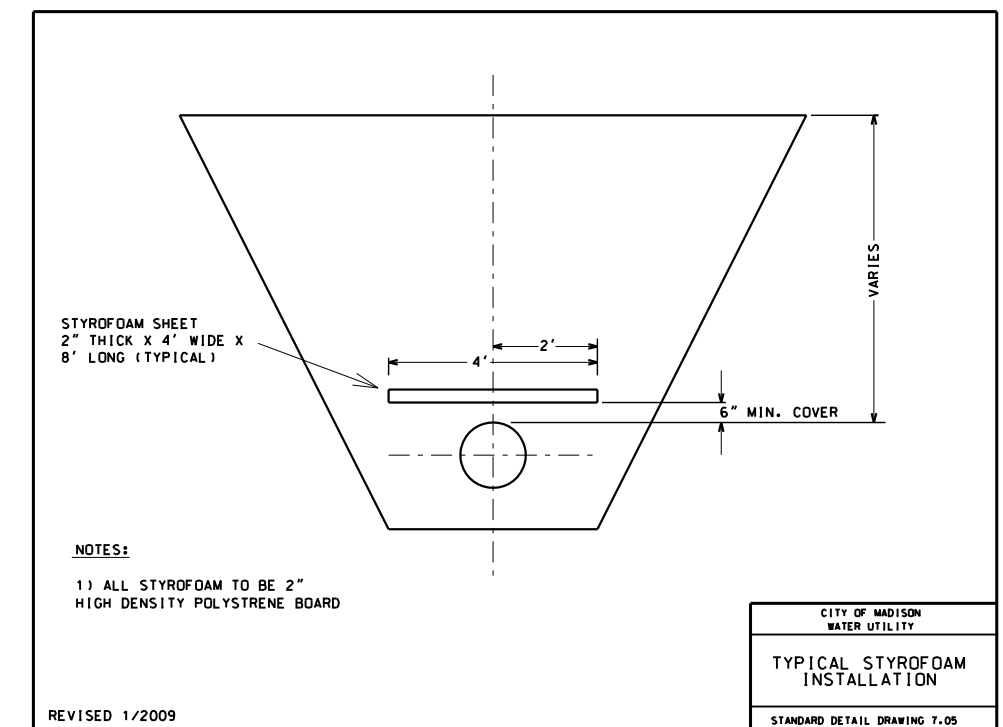
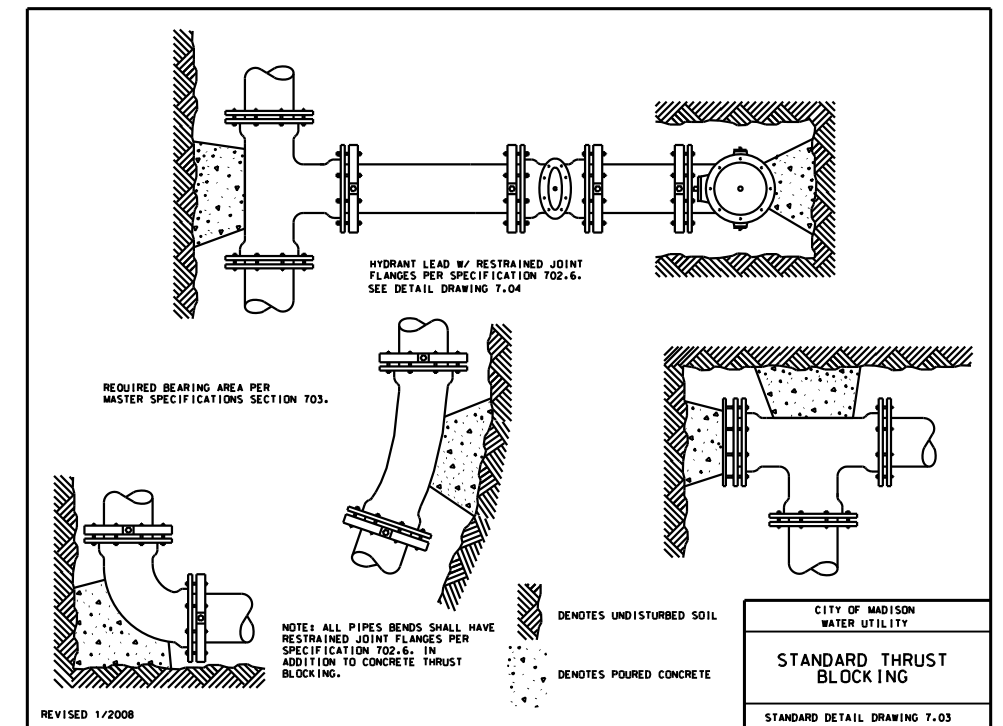
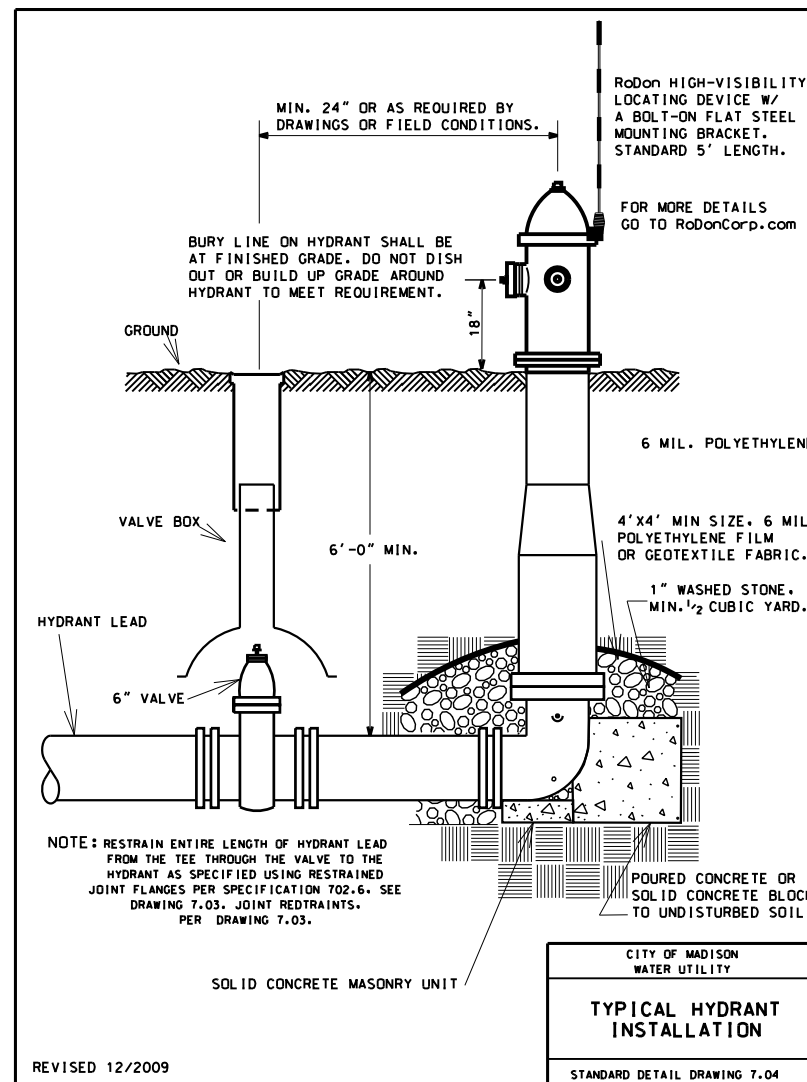
- 1 - 8-IN MJ PLUG



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WIS. STATUTE 182.0175 (1974)
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SCALE: 1"=100'



PLOT NAME:

PLOT SCALE:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ELECTRICAL PLAN

CATALINA PKWY CITY OF MADISON
5/2/13 KF SL1306.dgn

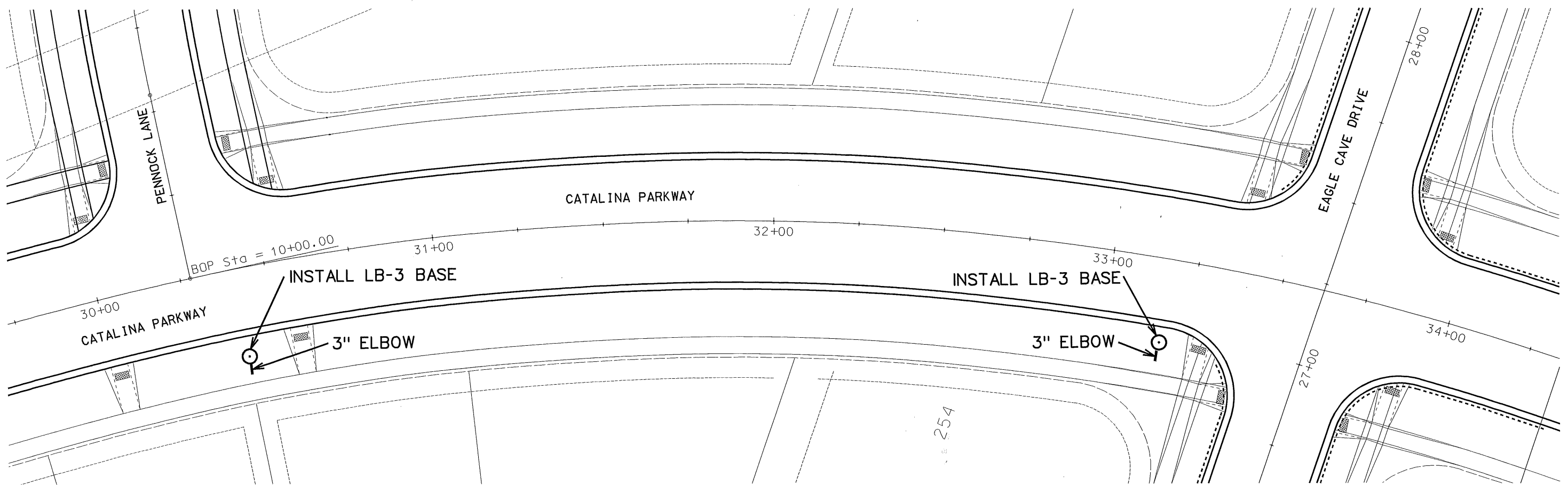
LEGEND

⊙ LB-3 BASE

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, 2013 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE.
4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) 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, 266-9034 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:

-1"X40" ANCHOR BOLTS 2 SETS OF 4



ORIGINATOR: CITY OF MADISON, TRAFFIC ENGINEERING