



# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

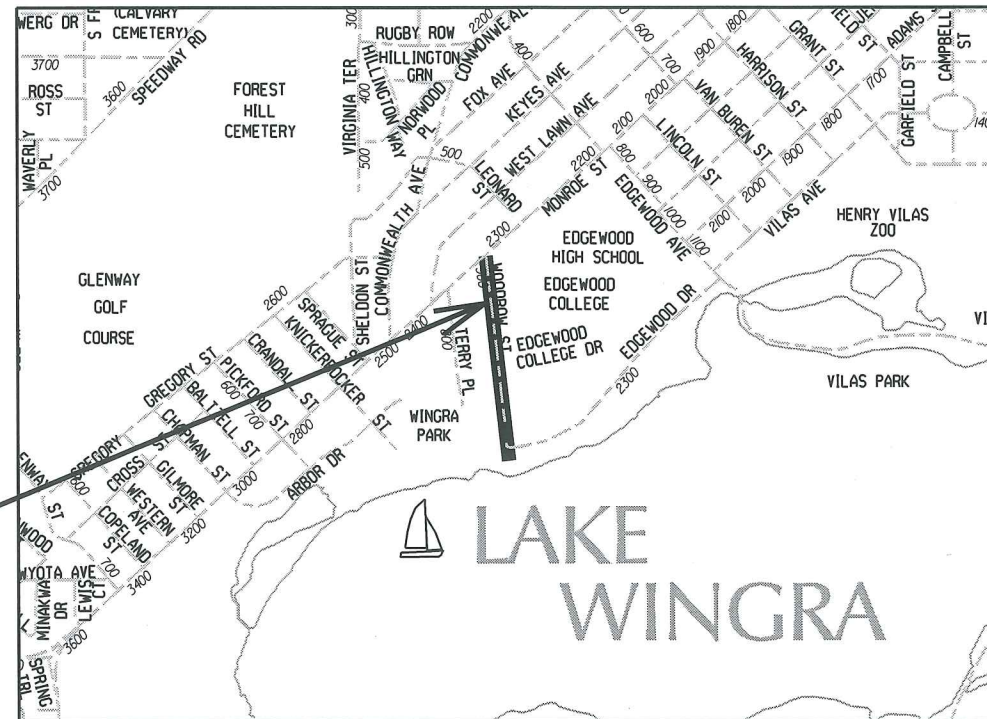
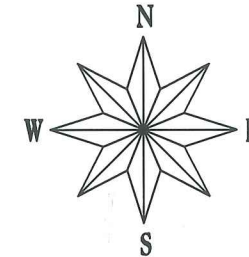
# PLAN OF PROPOSED IMPROVEMENT

#### INDEX OF SHEETS

SHEET NO.	TITLE
1	DETAILS
D1	RAIN GARDEN DETAILS
RG1-RG4	EROSION CONTROL PLANS
EC1-EC4	WOODROW PLAN & PROFILE
P1-P4	WOODROW SEWER PLAN & PROFILE
U1-U4	SANITARY SEWER SCHEDULE
U5	STORM SEWER SCHEDULES
U6	WOODROW WATER PLAN & PROFILE
W1-W3	WATER IMPACT PLAN
W4-W5	WATER PLAN OVERVIEW
W6	WATER ESTIMATE OF MATERIALS
W7	BIKE DETOUR
TC1-TC2	STREET CROSS SECTIONS
X1-X9	BIKE PATH CROSS SECTIONS
X10	

## WOODROW STREET RECONSTRUCTION ASSESSMENT DISTRICT - 2016

MUNIS NO. 10906  
CITY CONTRACT NO. 7641



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

## CONSTRUCTION PROJECT LOCATION

NOTES:  
ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

EARTH WORK SUMMARY:  
EXCAVATION CUT (MEASURED PLAN QUANTITY).....1825 C.Y.  
ESTIMATED UNDISTRIBUTED UNDERCUT.....620 C.Y.  
TOTAL UNCLASSIFIED EXCAVATION CUT.....2445 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

OCTOBER 4, 2016

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

City Engineer 10-21-16  
Date

STREET DESIGNED BY:



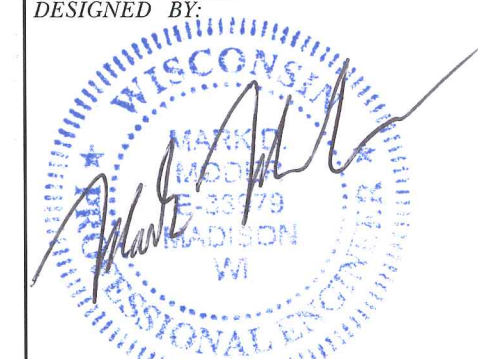
STORM SEWER DESIGNED BY:



WATER DESIGNED BY:



SANITARY SEWER DESIGNED BY:



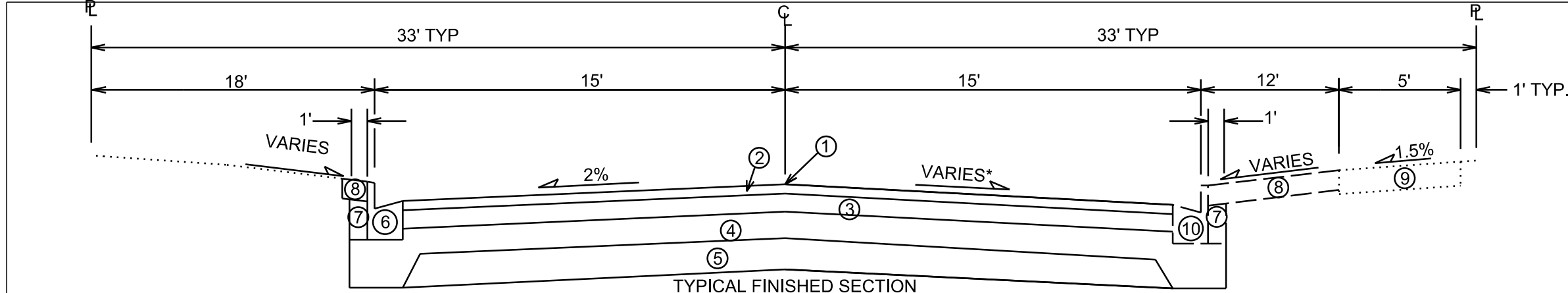
10/20/16

PLOT SCALE:

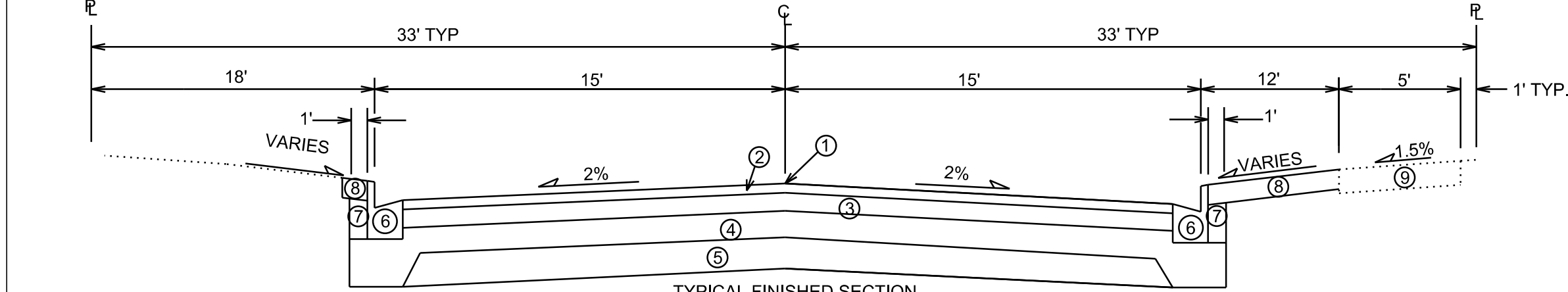
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REV. DATE:

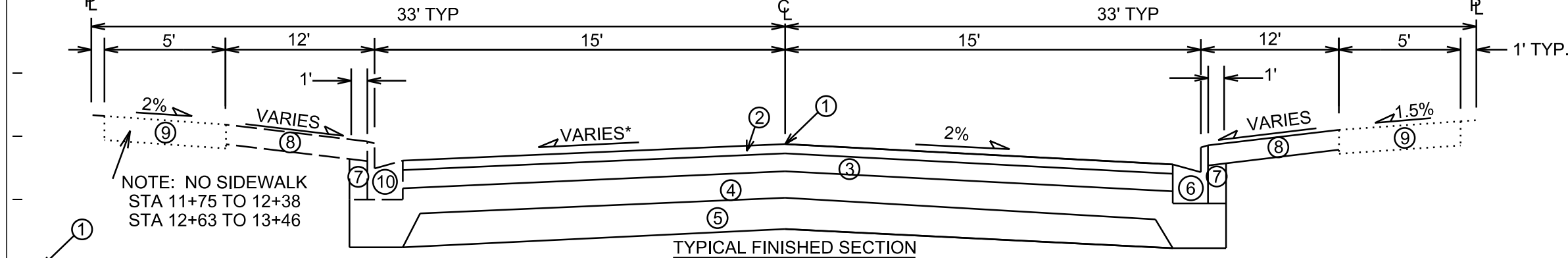
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



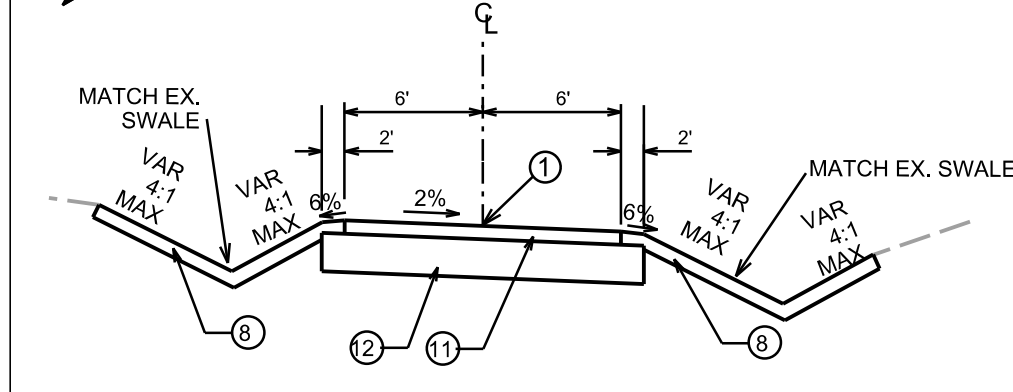
TYPICAL FINISHED SECTION  
WOODROW STREET  
STA 2+06 TO 2+59



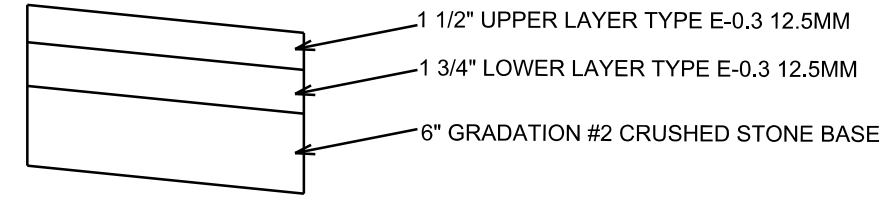
TYPICAL FINISHED SECTION  
WOODROW STREET  
STA 2+59 TO 8+39



TYPICAL FINISHED SECTION  
WOODROW STREET  
STA 8+39 TO 13+41



TYPICAL FINISHED SECTION  
PATH STA 14+15 TO STA 15+79

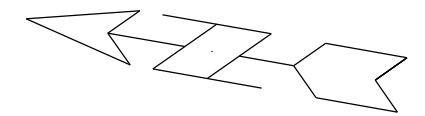


EDGEWOOD DRIVE PAVEMENT SECTION

- ① POINT REFERRED TO ON PROFILE
- ② 1.75" BITUMINOUS UPPER LAYER, TYPE E-0.3
- ③ 1.75" BITUMINOUS LOWER LAYER, TYPE E-0.3
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
- ⑨ 5" CONCRETE SIDEWALK, REPLACE AS NOTED ON PLAN
- ⑩ EXISTING CURB AND GUTTER TO REMAIN SEE PLAN FOR REPAIR LOCATIONS
- ⑪ 3" PAVEMENT, TYPE E-0.3
- ⑫ 6" GRADATION 2 CRUSHED STONE

\* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.  
TYPICAL SECTIONS NOT TO SCALE

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



STA 4+76.54, RT 16.00'  
885.60 @ POINT

STA 4+80.02, RT 20.32'  
884.16 @ POINT

CONSTRUCT  
FLUME ON  
HIGH SIDE

STA 4+92.30, RT 16.00'  
884.99 @ POINT

STA 4+90.18, RT 18.49'  
884.16 @ POINT

WOODROW STREET

STA 4+74.62, RT 26.06'  
886.15 @ POINT

STA 4+93.91, RT 26.03'  
885.50 @ POINT

STA 4+89.19, RT 22.02'  
884.16 @ POINT

0709-281-1724-5  
SMITH, DONALD W  
824 Woodrow St

0709-281-1723-7  
MCTAVISH, FIONA M  
& KAY C GABRIEL  
826 Woodrow St

0709-281-1722-9  
GILLES LIVING TRUST  
830 Woodrow St

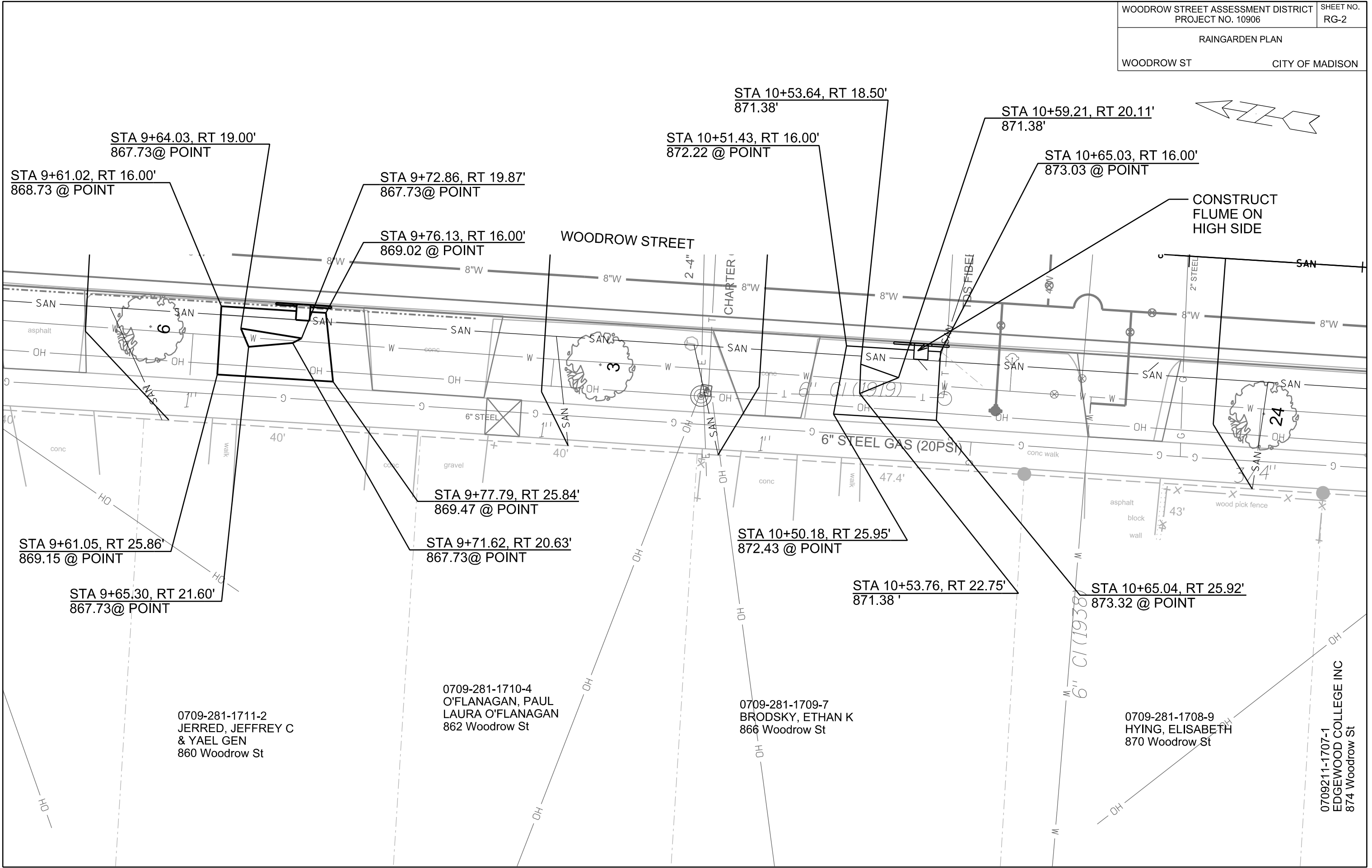
0709-281-1721-1  
CUSICK, ANDREW F  
NICOLE M LEMMON  
836 Woodrow St

PLOT SCALE: 10

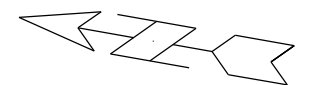
PLOT NAME: RG2

REV. DATE: 06/29/2016

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA 9+64.03, RT 19.00'  
867.73@ POINT  
 STA 9+61.02, RT 16.00'  
868.73 @ POINT  
 STA 9+72.86, RT 19.87'  
867.73@ POINT  
 STA 9+76.13, RT 16.00'  
869.02 @ POINT  
 STA 10+51.43, RT 16.00'  
872.22 @ POINT  
 STA 10+53.64, RT 18.50'  
871.38'  
 STA 10+59.21, RT 20.11'  
871.38'  
 STA 10+65.03, RT 16.00'  
873.03 @ POINT  
 STA 9+77.79, RT 25.84'  
869.47 @ POINT  
 STA 9+71.62, RT 20.63'  
867.73@ POINT  
 STA 10+50.18, RT 25.95'  
872.43 @ POINT  
 STA 10+53.76, RT 22.75'  
871.38'  
 STA 10+65.04, RT 25.92'  
873.32 @ POINT

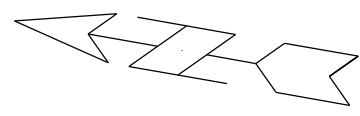


PLOT SCALE: 10

PLOT NAME: RG2

REV. DATE: 06/29/2016

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

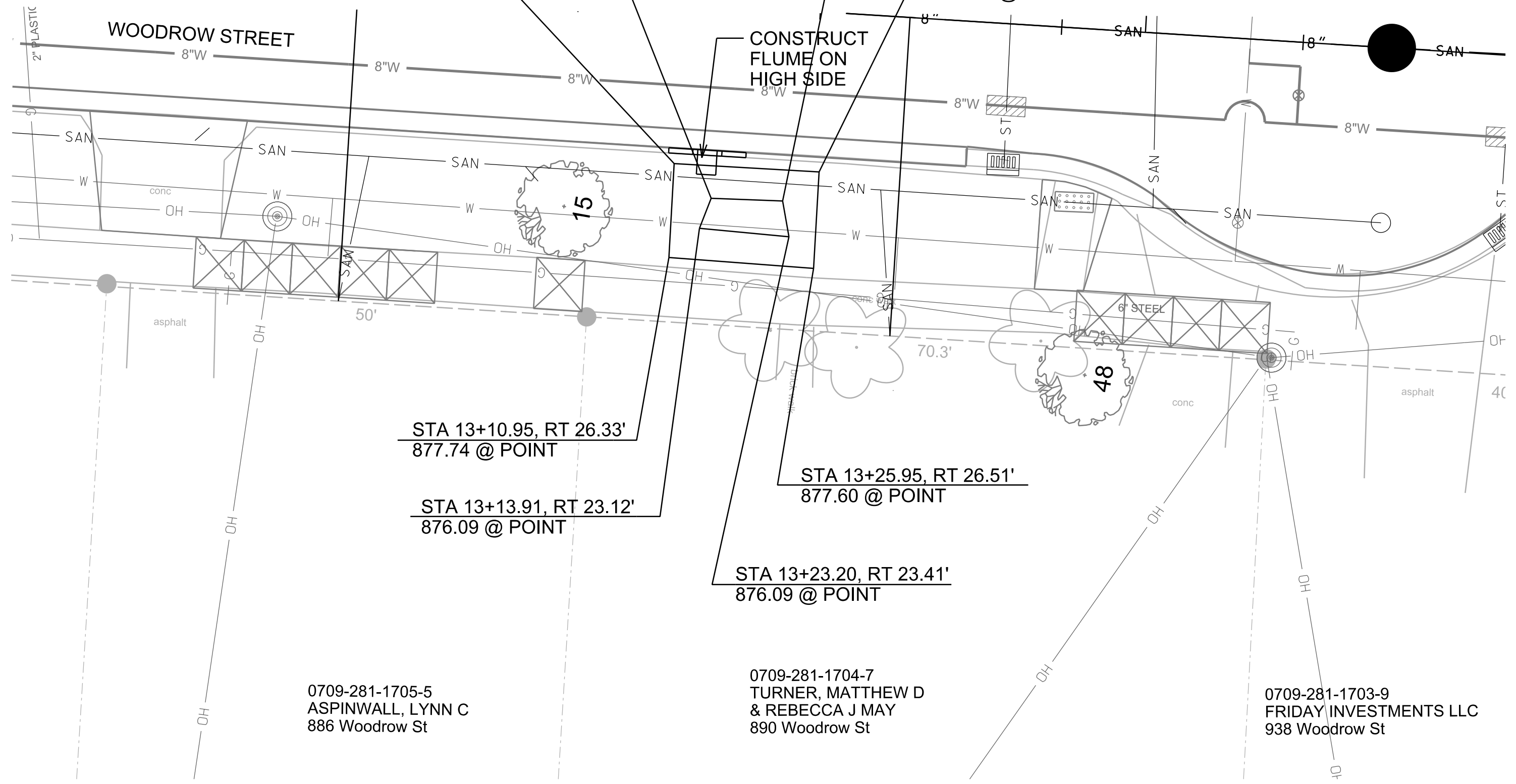


STA 13+14.93, RT 19.95'  
876.09 @ POINT

STA 13+22.31, RT 19.76'  
867.09 @ POINT

STA 13+10.89, RT 16.60'  
877.24 @ POINT

STA 13+25.89, RT 16.52'  
877.14 @ POINT



STA 13+10.95, RT 26.33'  
877.74 @ POINT

STA 13+25.95, RT 26.51'  
877.60 @ POINT

STA 13+13.91, RT 23.12'  
876.09 @ POINT

STA 13+23.20, RT 23.41'  
876.09 @ POINT

0709-281-1705-5  
ASPINWALL, LYNN C  
886 Woodrow St

0709-281-1704-7  
TURNER, MATTHEW D  
& REBECCA J MAY  
890 Woodrow St

0709-281-1703-9  
FRIDAY INVESTMENTS LLC  
938 Woodrow St

PLOT SCALE: 10  
 PLOT NAME: RG2  
 REV. DATE: 06/29/2016  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION





**EROSION CONTROL NOTES:**

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

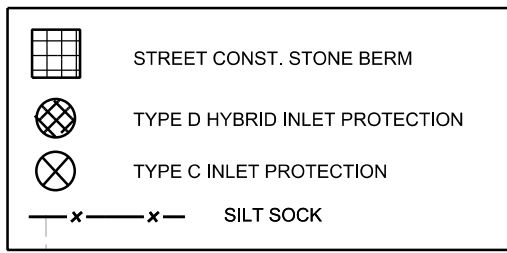
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

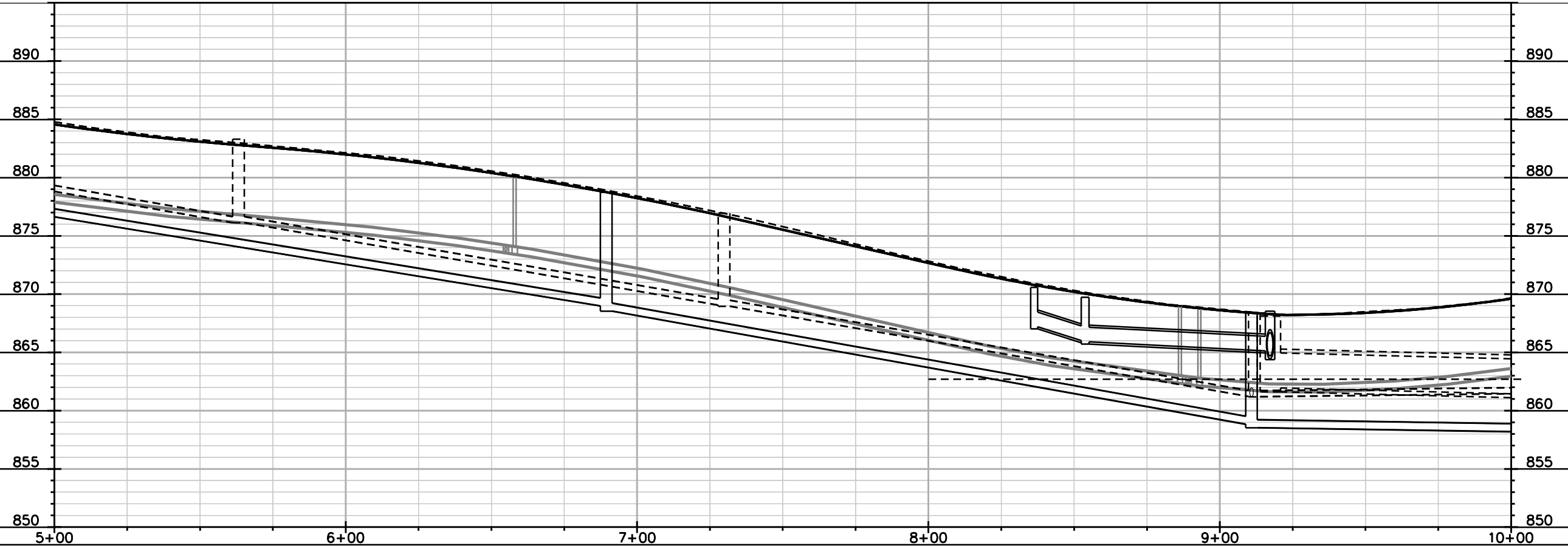
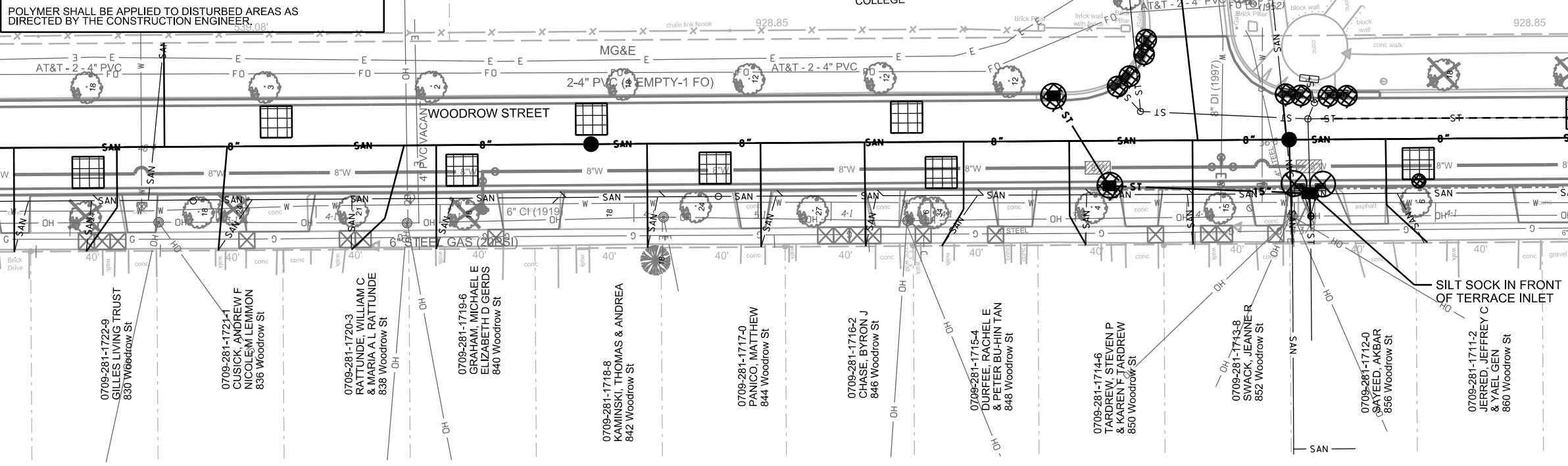
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



MATCHLINE STA 5+00.00

MATCHLINE STA 10+00.00



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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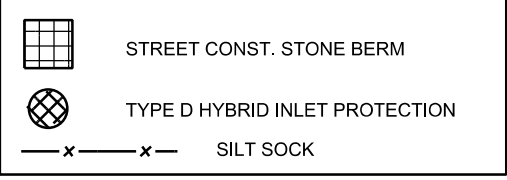
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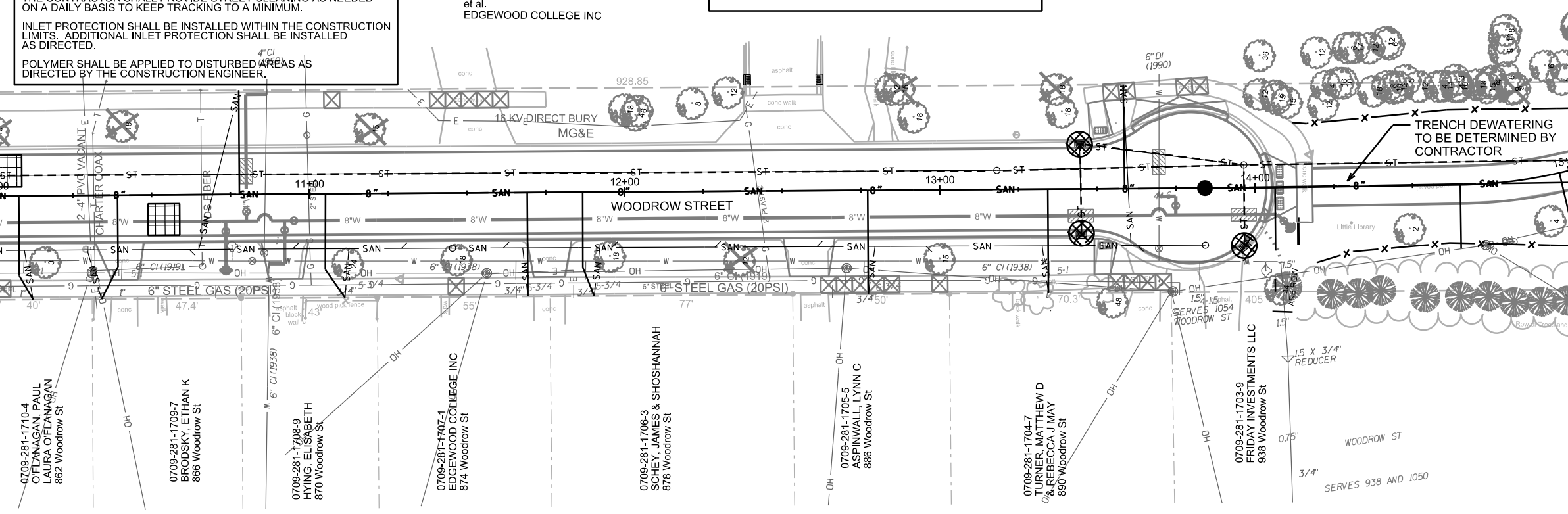
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0709-272-0099-2  
CONDO UNIT 3 0709-272-0103-1  
1000 EDGEWOOD COLLEGE DR  
959 EDGEWOOD COLLEGE DR  
901 WOODROW STREET  
et al.  
EDGEWOOD COLLEGE INC



MATCHLINE STA 10+00.00

MATCHLINE STA 15+00.00



0709-281-1710-4  
OFLANAGAN, PAUL  
LAURA OFLANAGAN  
862 Woodrow St

0709-281-1709-7  
BRODSKY, ETHAN K  
866 Woodrow St

0709-281-1708-9  
HYING, ELISABETH  
870 Woodrow St

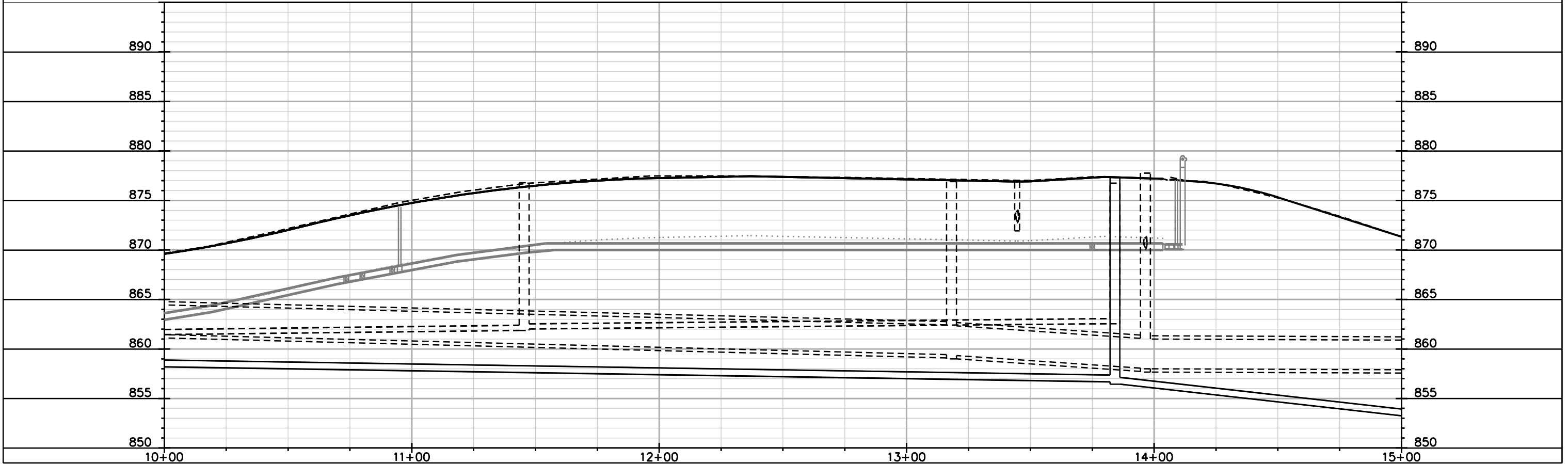
0709-281-1707-1  
EDGEWOOD COLLEGE INC  
874 Woodrow St

0709-281-1706-3  
SCHEY, JAMES & SHOSHANNAH  
878 Woodrow St

0709-281-1705-5  
ASPINWALL, LYNN C  
886 Woodrow St

0709-281-1704-7  
TURNER, MATTHEW D  
& REBECCA J MAY  
890 Woodrow St

0709-281-1703-9  
FRIDAY INVESTMENTS LLC  
938 Woodrow St

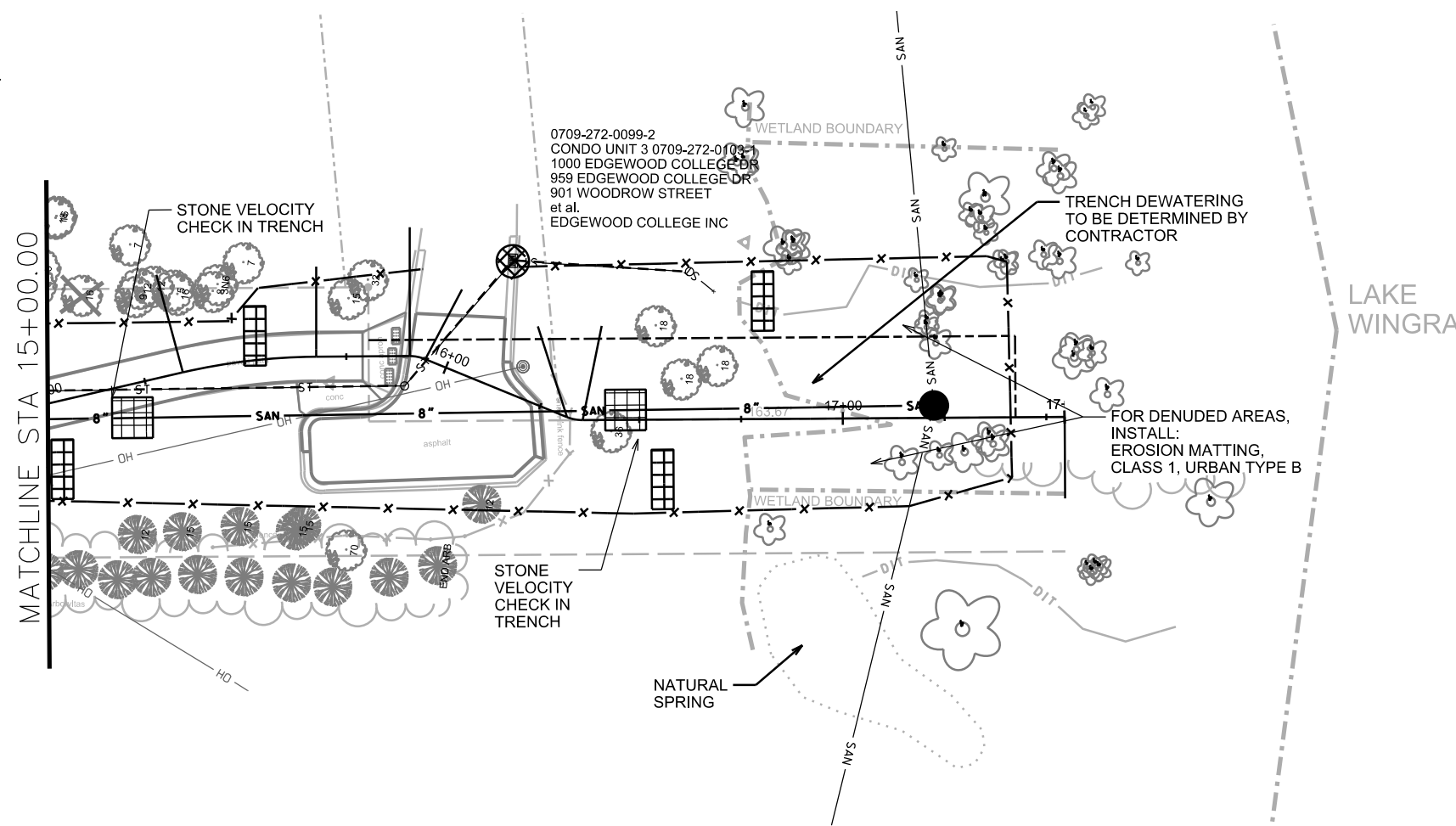
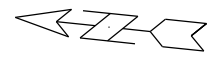


PLOT SCALE: \_\_\_\_\_

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REV. DATE: \_\_\_\_\_

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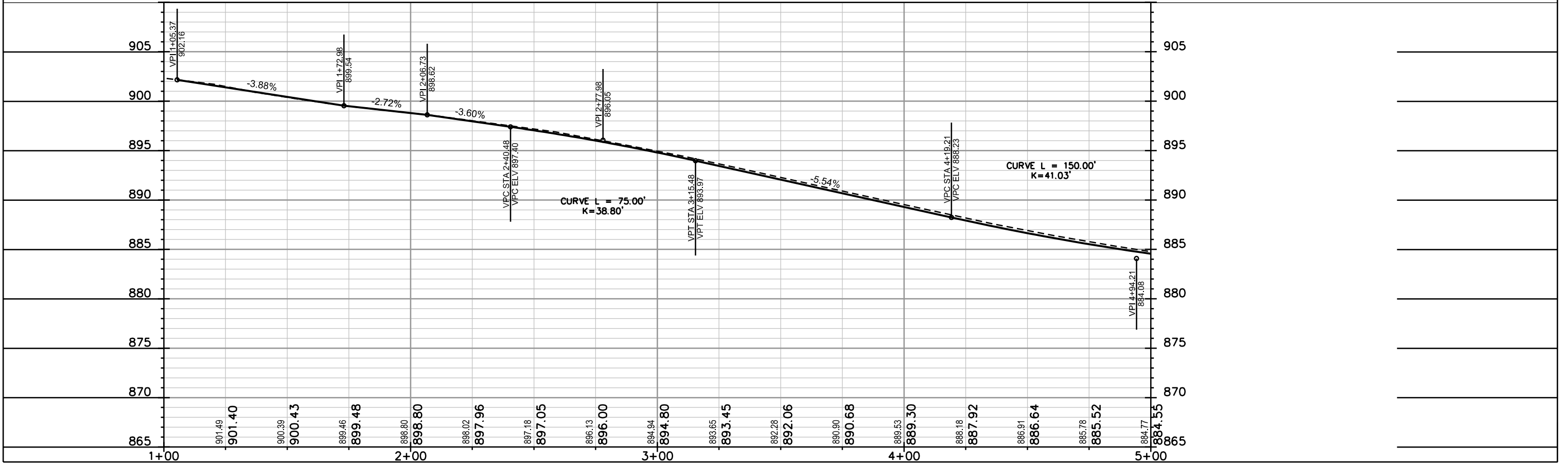
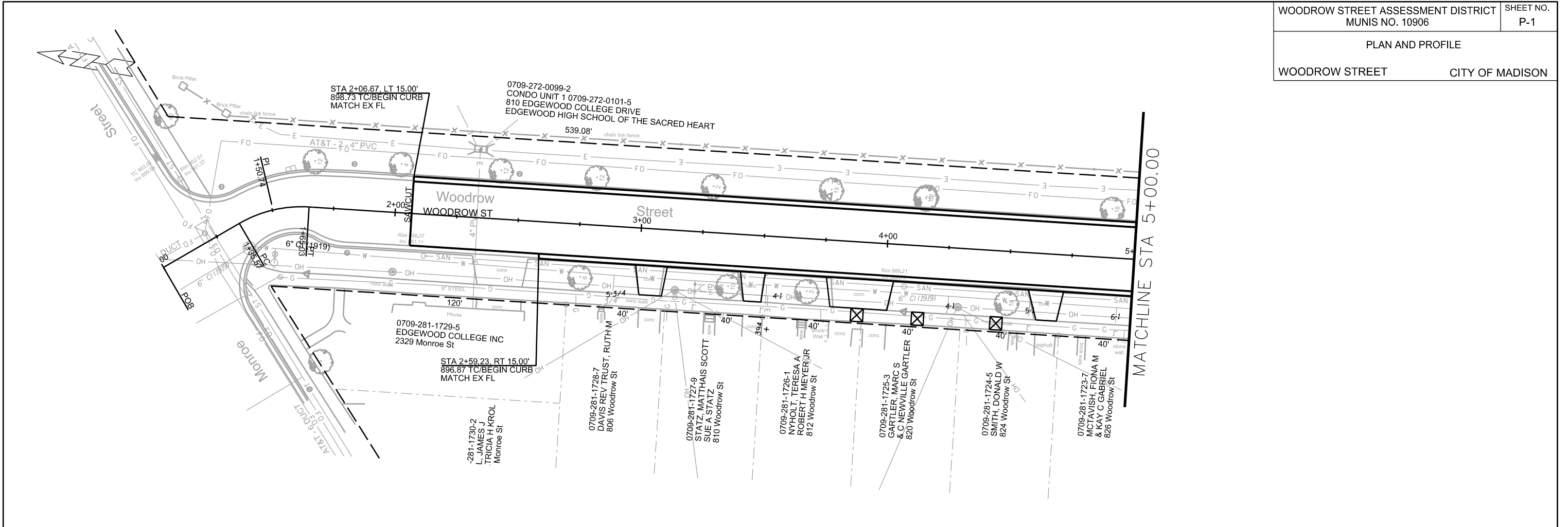
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

WOODROW STREET CITY OF MADISON

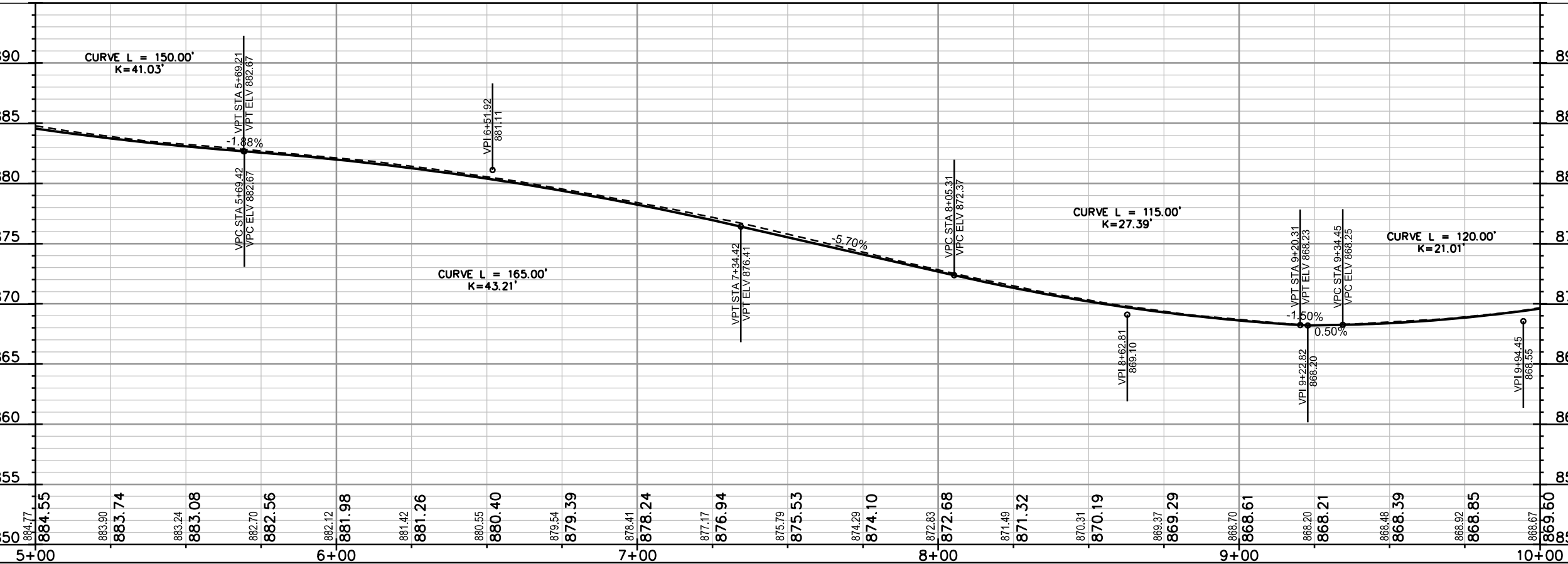
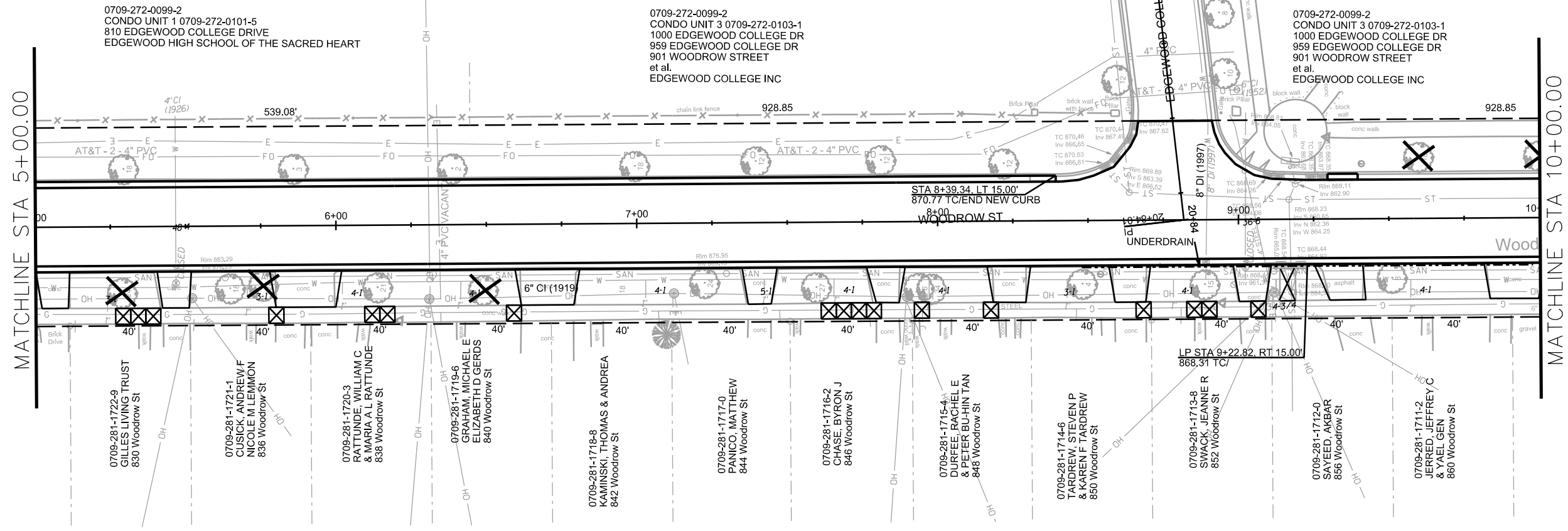
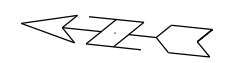


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

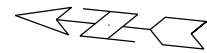
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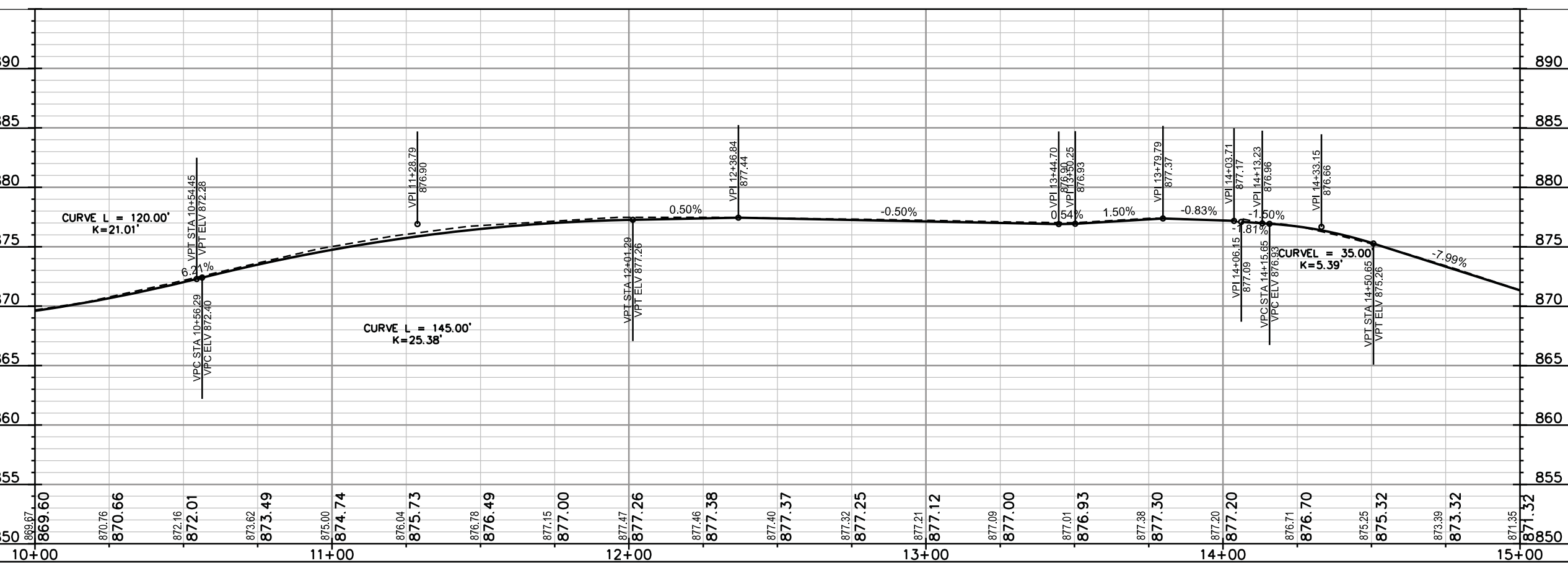
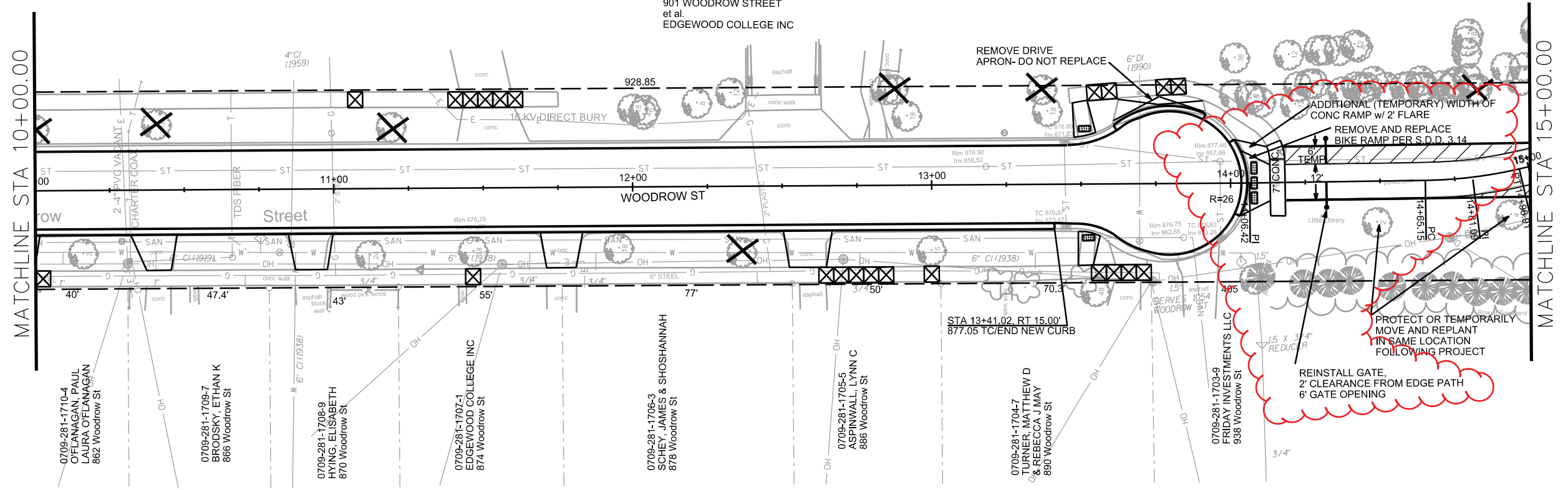
PLAN AND PROFILE

WOODROW STREET CITY OF MADISON

REVISED 5/15/17 LRC



0709-272-0099-2  
CONDO UNIT 3 0709-272-0103-1  
1000 EDGEWOOD COLLEGE DR  
959 EDGEWOOD COLLEGE DR  
901 WOODROW STREET  
et al.  
EDGEWOOD COLLEGE INC



PLOT SCALE: \_\_\_\_\_

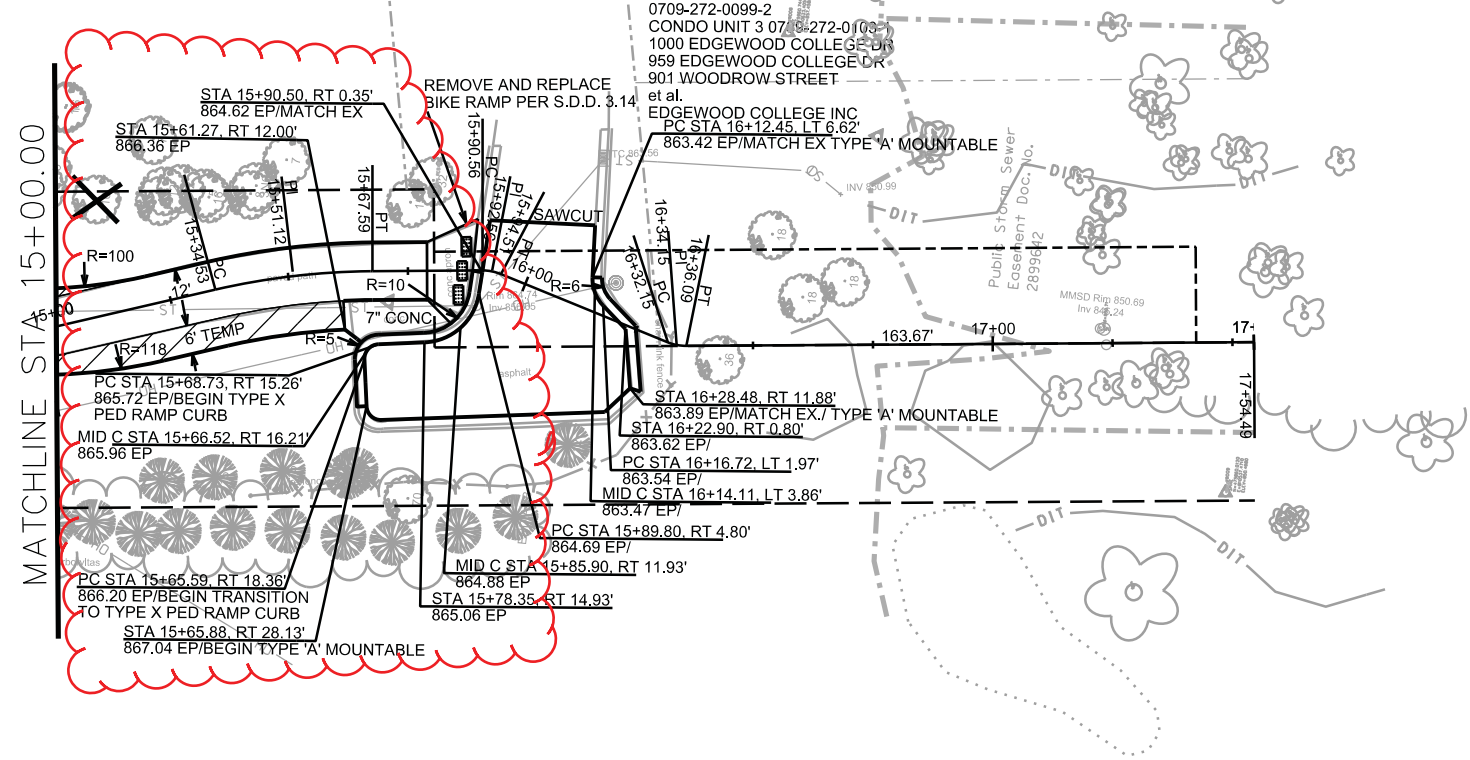
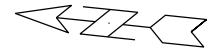
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REV. DATE: \_\_\_\_\_

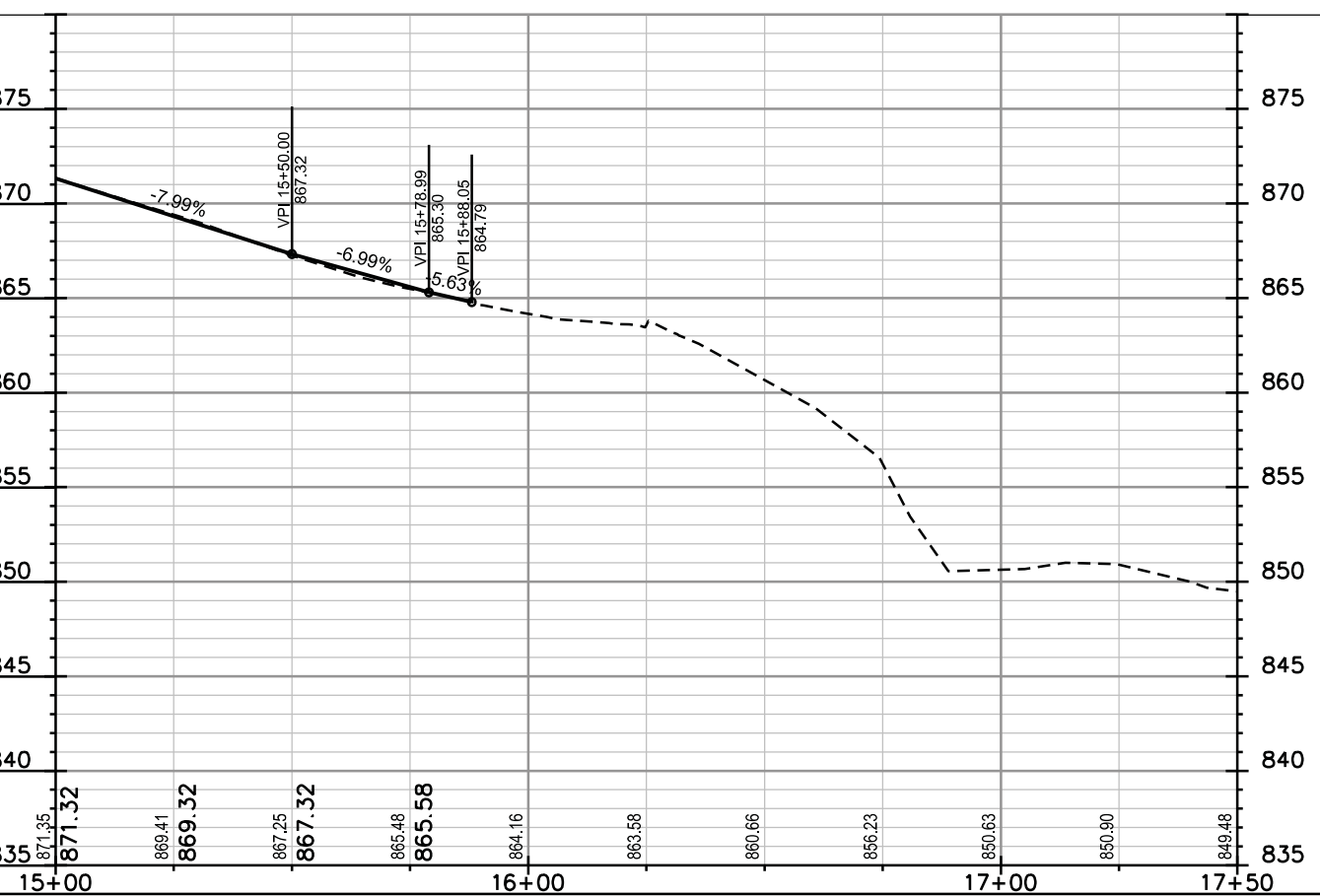
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE  
WOODROW STREET

REVISED 5/15/17 LRC



MATCHLINE STA 15+00.00



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CONTRACTOR SHALL REM & REP  
SIDEWALK & CURB AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL &  
20 FEET OF CURB & GUTTER)

0709-272-0099-2  
CONDO UNIT 1 0709-272-0101-5  
810 EDGEWOOD COLLEGE DRIVE  
EDGEWOOD HIGH SCHOOL OF THE SACRED HEART

0709-272-0099-2  
CONDO UNIT 3 0709-272-0103-1  
1000 EDGEWOOD COLLEGE DR  
959 EDGEWOOD COLLEGE DR  
901 WOODROW STREET  
et al.  
EDGEWOOD COLLEGE INC

AT&T HANDHOLE  
30"x48"x36"  
0709-272-0099-2  
CONDO UNIT 3 0709-272-0103-1  
1000 EDGEWOOD COLLEGE DR  
959 EDGEWOOD COLLEGE DR  
901 WOODROW STREET  
et al.  
EDGEWOOD COLLEGE INC

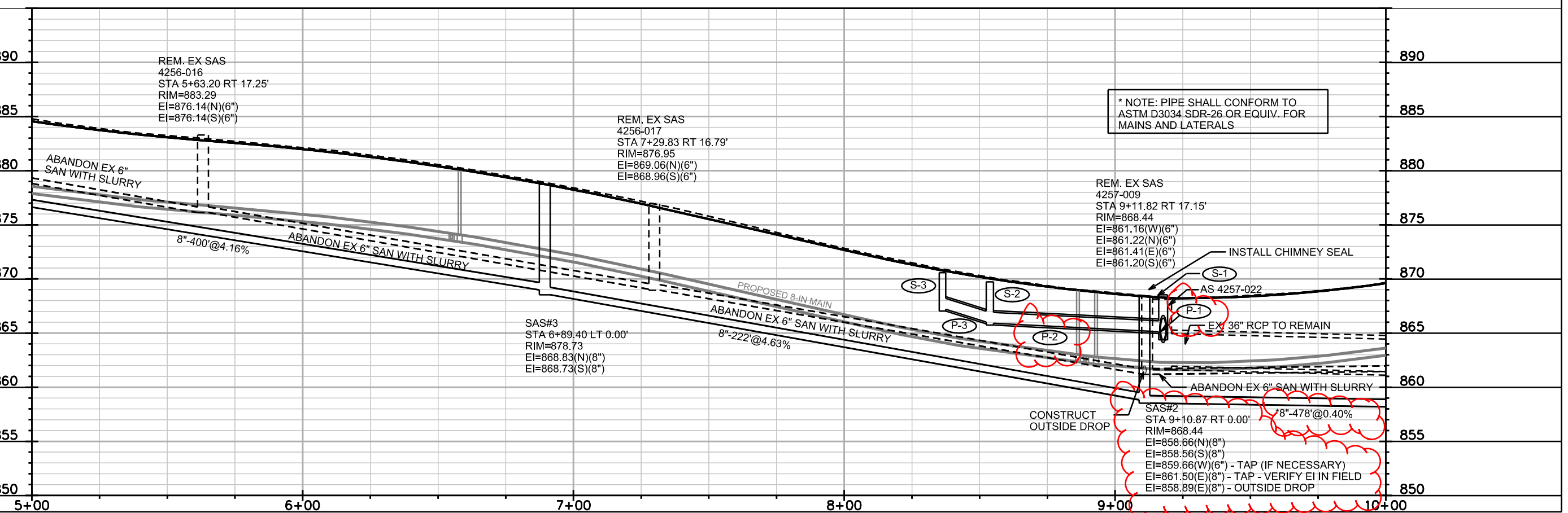
REV 3/6/2017 DAO

NOTES FOR 856 WOODROW ST  
SANITARY LATERAL:  
(1) REMOVE EX 6" SAN VP UP TO  
ROW  
(2) STUB & CAP 6" PVC LATERAL  
FROM SAS#2 TO BACK OF ROW  
(EI=859.92 @ BACK OF ROW) FOR  
FUTURE CONNECTION BY PO  
(3) INSTALL 6" CLEAN OUT AT BACK  
OF ROW & RECONNECT EX. 8" SAN  
MAIN IN EASEMENT (EI=861.02)

NOTES FOR 856 WOODROW ST  
SANITARY LATERAL:  
(1) COORDINATE INSTALLATION OF  
PVT LATERAL FOR 856 WOODROW  
WITH MONONA PLUMBING & FIRE  
PROTECTION, INC. JEFF WATKINS  
(608) 219-1080.  
(2) CONTRACTOR TO PROVIDE A  
WYE FOR CONNECTION TO PROP.  
SAN MAIN.  
(3) CONTRACTOR TO PROVIDE  
PIPE PLUS AT BOTH ENDS OF EX 6"  
SAN MAIN WITHIN EASEMENT  
BETWEEN WOODROW ST & TERRY  
PL

MATCHLINE STA 5+00.00

MATCHLINE



PLOT SCALE: \_\_\_\_\_

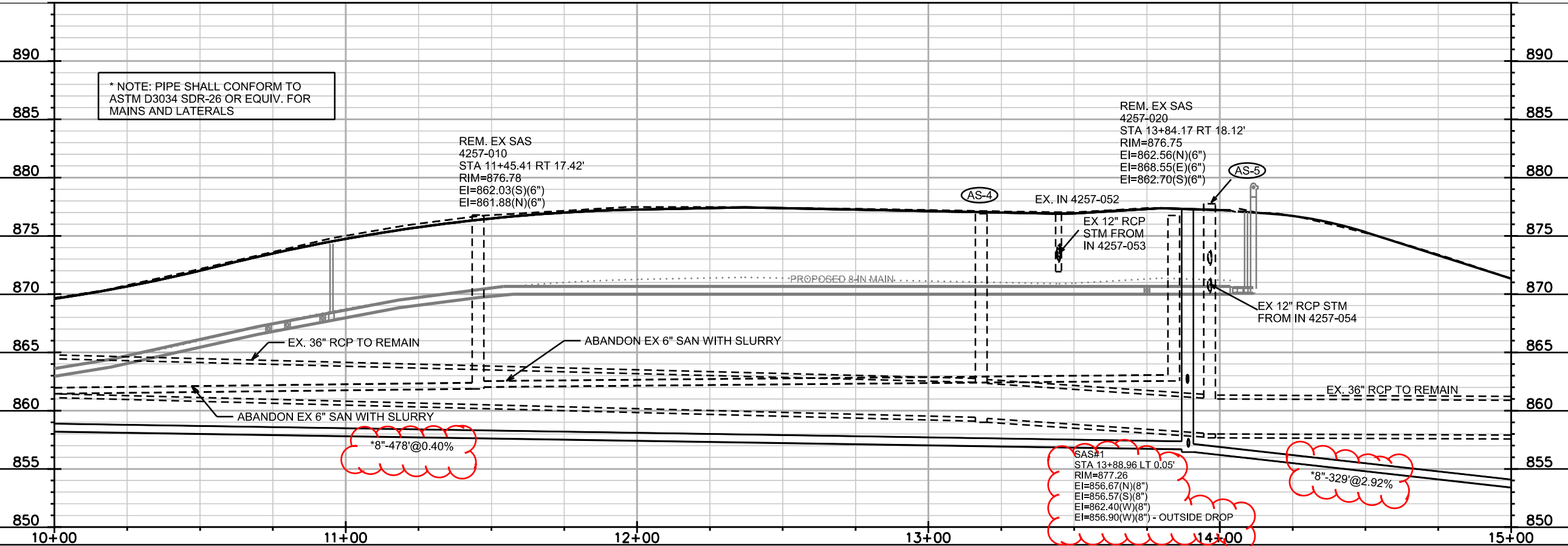
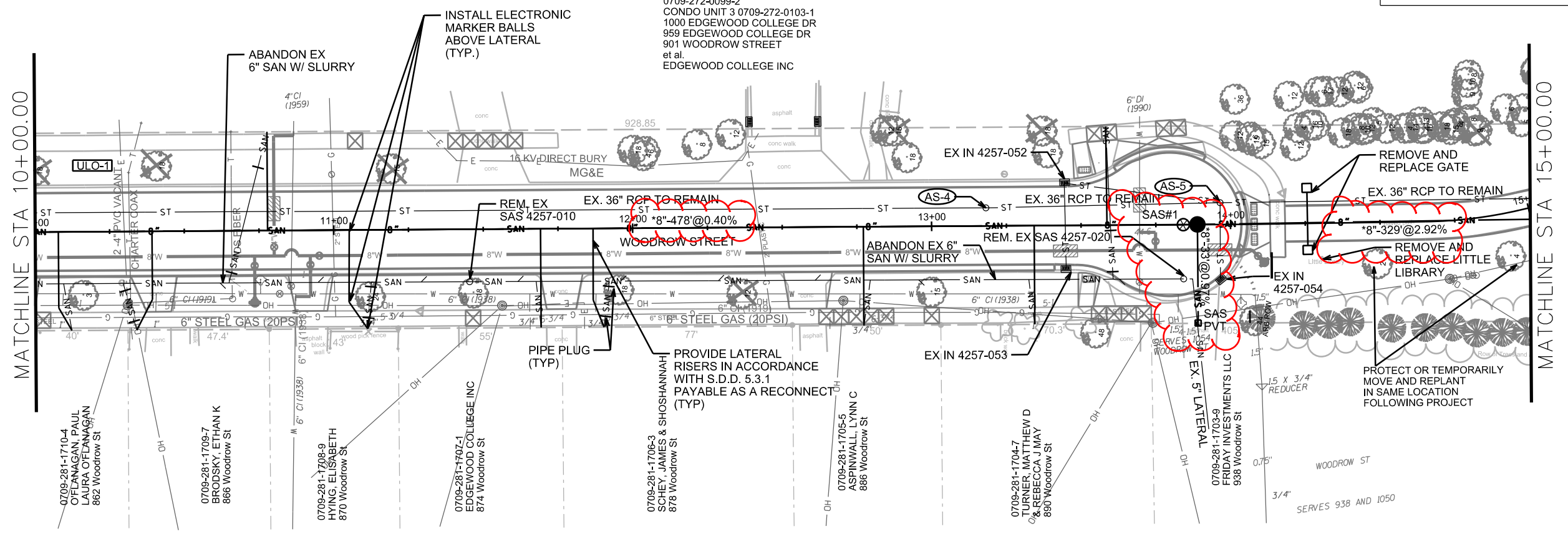
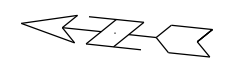
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



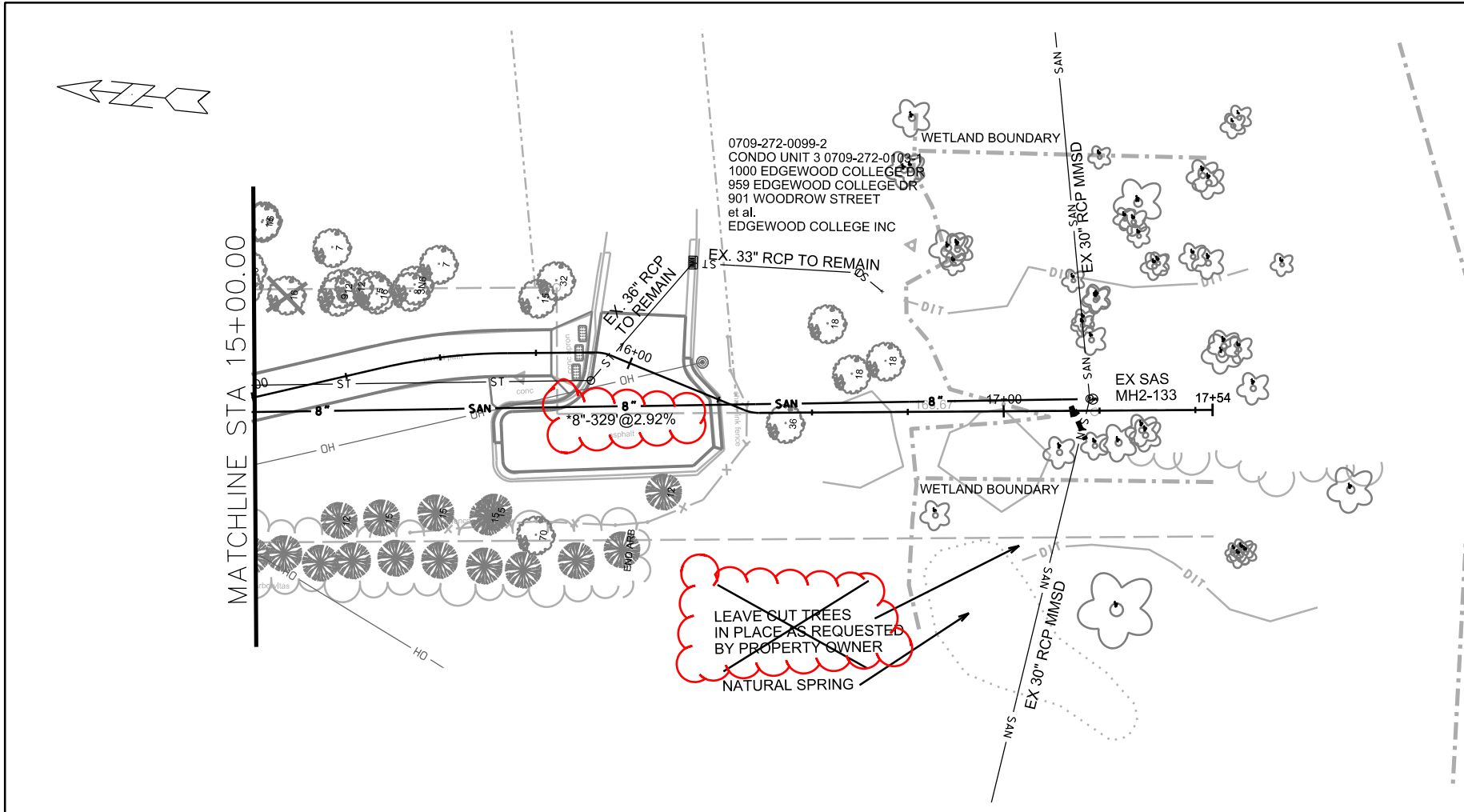
REV 3/6/2017 DAO

CONTRACTOR SHALL REM & REP  
SIDEWALK & CURB AS NEEDED FOR LATERALS  
(MAX. OF 4 SW SQUARES PER LATERAL &  
20 FEET OF CURB & GUTTER)

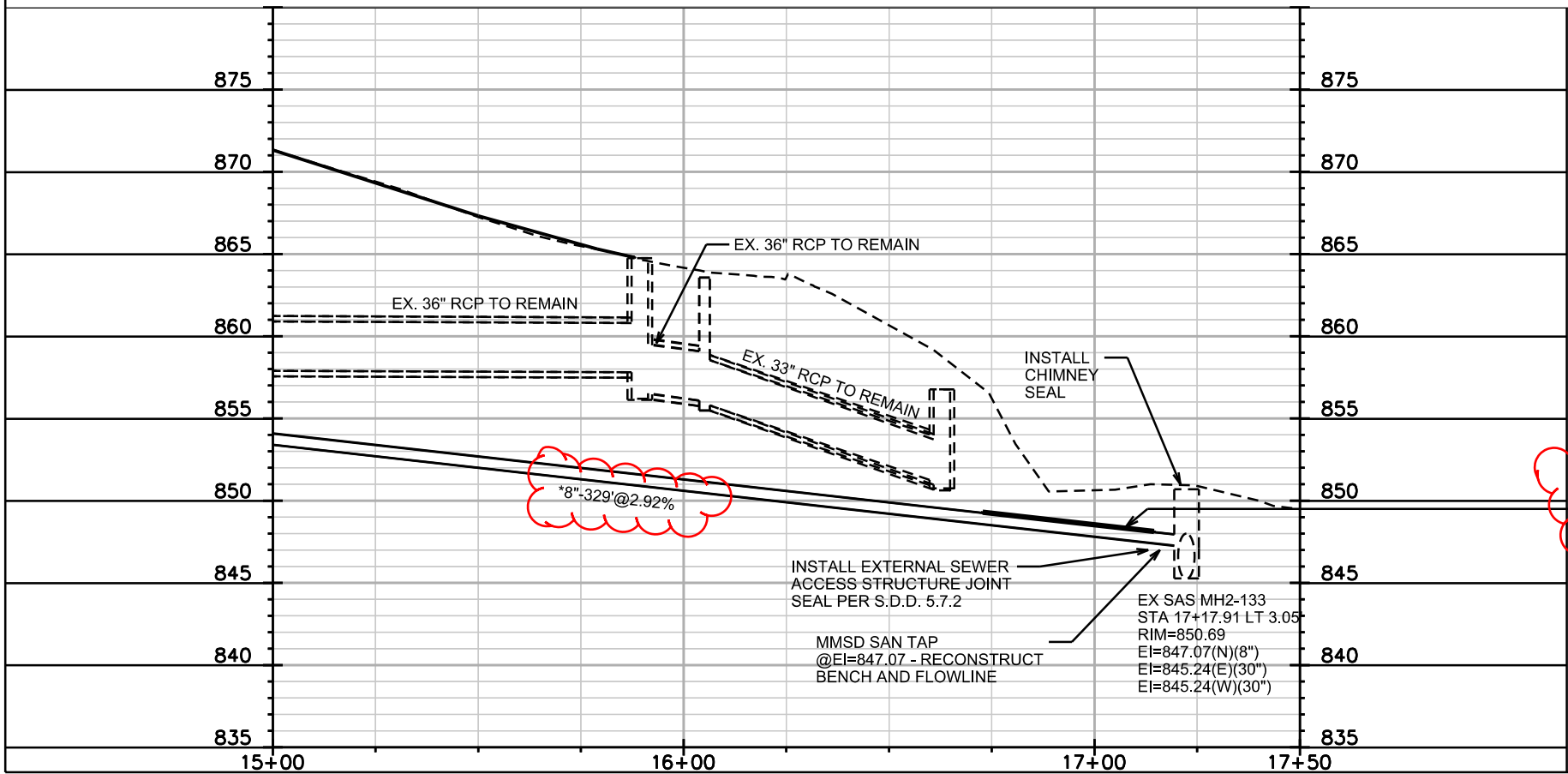


\* NOTE: PIPE SHALL CONFORM TO  
ASTM D3034 SDR-26 OR EQUIV. FOR  
MAINS AND LATERALS

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



LAKE WINGRA



MMSD STRUCTURE MH 2-1333. TAP CONNECTION: CONTRACTOR SHALL CONTACT RAY SCHNEIDER (608)347-3628, RAYS@MADSEWER.ORG 5 DAYS PRIOR TO MAKING THE TAP CONNECTION TO THE MMSD MANHOLE TO ARRANGE FOR INSPECTION OF THE TAP CONNECTION. TAP CONNECTION SHALL CONFORM TO ALL MMSD CONNECTION SPECIFICATION CRITERIA. NEW CITY MAIN SHALL NOT BE CONNECTED TO A MANHOLE BARREL SECTION JOINT. CONTRACTOR SHALL CONNECT TO MANHOLE USING A KOR-N-SEAL BOOT CONNECTION INCIDENTAL TO THE SANITARY SEWER TAP CONNECTION.

\* NOTE: PIPE SHALL CONFORM TO ASTM D3034 SDR-26 OR EQUIV. FOR MAINS AND LATERALS

INSTALL 2" THICK x 4' WIDE x 8' LONG (TYP.) SHEETS OF HIGH DENSITY POLYSTYRENE BOARD ABOVE SANITARY IN CONFORMANCE WITH CITY OF MADISON S.D.D. 7.03.

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

# SANITARY SEWER SCHEDULE

\* REV 3/6/2017 DAO

WOODROW STREET ASSESSMENT DIST.	SHEET NO.
MUNIS NO. 10906	U-5
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
* SAS#1	13+88.91	LT-0.05	877.26	856.57	20.69	<b>OUTSIDE DROP</b>
SAS#2	9+10.87	CL	868.44	858.56	9.88	INSTALL CHIMNEY SEAL; SEAL JOINTS; OD
SAS#3	6+89.40	CL	878.73	868.73	10.00	-
SAS#4	2+89.43	LT-0.03	895.31	885.31	10.00	-
* CLEANOUT	9+11.69	RT-33.00	869.08	861.02	8.06	<b>RECONNECT 856 WOODROW ST LATERAL</b>
* SAS PVT	13+88.96	RT-32.92		862.70	-	<b>MARK AS PVT IN SAS#1</b>

## PROPOSED SANITARY PIPE

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE (IN)	PVC TYPE	NOTES
* EX SAS MH2-133	SAS#1	847.10	856.57	329	2.92	8"	SDR-26	(1)
* SAS#1	SAS#2	856.67	858.56	478	0.40	8"	SDR-26	-
SAS#2	SAS#3	858.66	868.73	222	4.63	8"	SDR-35	-
SAS#2	CLEANOUT	859.66	859.92	33	0.79	8"	SDR-35	PROVIDE CAPPED LATERAL TAP
SAS#3	SAS#4	868.83	885.31	400	4.16	8"	SDR-35	-
* SAS PVT	SAS#1	862.40	862.70	33	0.97	8"	SDR-35	<b>PROVIDE FERNCO COUPLING</b>

## OUTSIDE DROPS

SAS NO.	STATION	LOCATION (OFFSET)	EI (HIGH)	EI (LOW)	DROP V.F.	NOTES
* SAS#1	13+88.91	LT-0.05	862.40	856.90	5.50	<b>8" OUTSIDE DROP</b>
SAS#2	9+10.87	CL	861.50	858.89	2.61	8" OUTSIDE DROP (2)

## SANITARY PIPE REMOVAL

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE (IN)	PIPE TYPE	NOTES
4257-009	STA 9+08.75, LT-14.00'	861.41	861.54	31	0.40	8"	VP	EDGEWOOD COLLEGE PVT LATERAL

## SANITARY STRUCTURES REMOVALS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
4256-014	2+12.72	RT-16.89	898.37	891.07	7.30	-
4256-015	4+07.89	RT-17.04	889.21	882.77	6.44	-
4256-016	5+63.20	RT-17.25	883.29	876.14	7.15	-
4256-017	7+29.83	RT-16.79	876.95	868.96	7.99	-
4257-009	9+11.82	RT-17.15	868.44	861.16	7.28	-
4257-010	11+45.41	RT-17.42	876.78	861.88	14.90	-
4257-020	13+84.17	RT-18.12	876.75	862.56	14.19	-

## SANITARY PIPE ABANDONMENT

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE (IN)	PIPE TYPE	NOTES
4257-009	4257-010	861.20	861.88	234	0.30	6"	EX. SAN VP	ABN W/ SLURRY
4257-010	4257-020	862.03	862.56	239	0.23	6"	EX. SAN VP	ABN W/ SLURRY
4257-009	4256-017	861.22	868.96	182	4.35	6"	EX. SAN VP	ABN W/ SLURRY
4256-017	4256-016	869.06	876.14	167	4.35	6"	EX. SAN VP	ABN W/ SLURRY
4256-016	4256-015	876.14	882.77	155	4.38	6"	EX. SAN VP	ABN W/ SLURRY
4256-015	4256-014	882.84	891.07	195	4.30	6"	EX. SAN VP	ABN W/ SLURRY

## SPECIFIC NOTES

- (1) TAP EX MMSD MH2-133; MATCH CROWNS; RECONSTRUCT BENCH AND FLOWLINE; INSTALL CHIMNEY SEAL; SEAL JOINTS
- (2) FIELD VERIFY THE INVERT OF EAST 8" PVC LATERAL; TAP FOR LATERAL

# STORM SEWER SCHEDULE

\* REV 3/6/2017 DAO

WOODROW STREET ASSESSMENT DIST.	SHEET NO.
MUNIS NO. 10906	U-6
STORM SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
* S-1	9+17.77	RT-17.54	Terrace Inlet III	868.53	864.38	4.15	FP; (1)
* S-2	8+53.75	RT-14.28	H Inlet	870.17	865.90	4.27	-
* S-3	8+36.27	LT-14.38	H Inlet	870.91	867.20	3.71	-
S-4	9+17.55	RT-27.46	Collar	-	864.28	-	-

## 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	S-4	S-1	864.28	864.38	10	9.5	1.05	24"	RCP	-
* P-2	S-1	S-2	865.13	865.90	64	61.0	1.27	12"	RCP	-
P-3	S-2	S-3	866.00	867.20	34	31.5	3.84	12"	RCP	-

## ADJUST STORM STRUCTURES

ADJ NO.	STRUC. NO.	STATION	LOCATION (OFFSET)	EX RIM (FT)	PROP RIM (FT)	DIFF (FT)	NOTES
AS-1	AS 4257-022	9+18.95	LT-11.63	868.11	868.15	0.04	
AS-2	AS 4257-022	9+16.86	LT-6.56	868.23	868.22	-0.01	
AS-3	AS 4257-047	8+63.76	LT-9.26	869.89	869.75	-0.14	
AS-4	AS 4257-046	13+18.18	LT-6.05	876.90	876.87	-0.03	
AS-5	AS 4257-051	13+96.53	LT-7.27	877.46	877.76	0.30	

## REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RS-1	AS 4257-021	9+17.59	RT-24.34	CATCH BASIN	
RS-2	IN 4257-025	9+20.80	RT-15.62	TUB INLET	
RS-3	IN 4257-026	9+14.14	RT-15.54	TUB INLET	

## STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
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## REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)
RP-1	AS 4257-022	AS 4257-021	34	24"	RCP	Y-PARTIAL (20 LF)
RP-2	AS 4257-021	IN 4257-025	10	12"	RCP	N
RP-3	AS 4257-021	IN 4257-026	10	12"	RCP	N

**NOTE:** 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.

## 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; 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.

- 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.

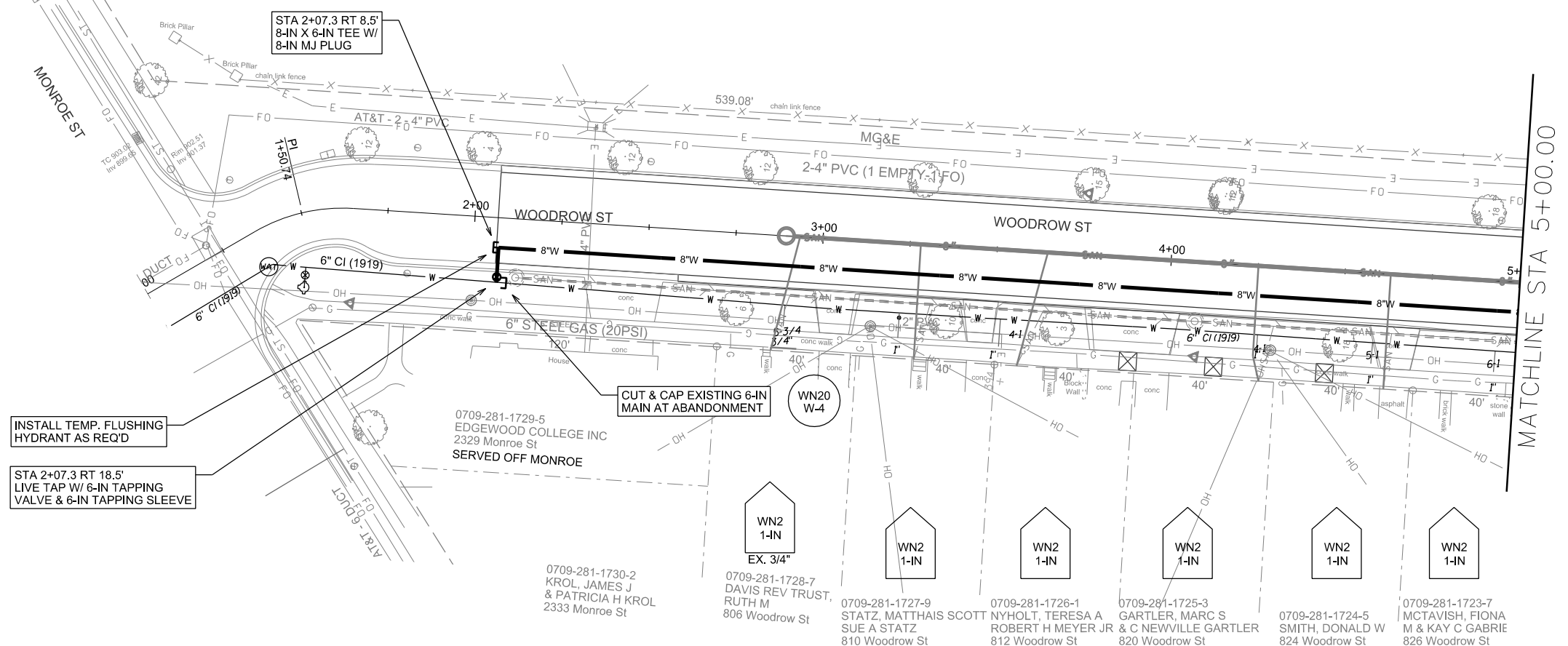
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

- 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 DANIEL OLIVARES OF CITY ENGINEERING AT (608) 261-9285 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO DAOLIVARES@CITYOFMADISON.COM.

## SPECIFIC NOTES

\* (1) GRATE ELEVATION 0.2 FT BELOW TOC ELEVATION

0709-272-0099-2  
EDGEWOOD CONDO ASSN INC  
DANIEL J CAREY  
1000 EDGEWOOD COLLEGE DRIVE



INSTALL TEMP. FLUSHING  
HYDRANT AS REQ'D

STA 2+07.3 RT 18.5'  
LIVE TAP W/ 6-IN TAPPING  
VALVE & 6-IN TAPPING SLEEVE

CUT & CAP EXISTING 6-IN  
MAIN AT ABANDONMENT

0709-281-1729-5  
EDGEWOOD COLLEGE INC  
2329 Monroe St  
SERVED OFF MONROE

0709-281-1730-2  
KROL, JAMES J  
& PATRICIA H KROL  
2333 Monroe St

WN2  
1-IN  
EX. 3/4"

0709-281-1728-7  
DAVIS REV TRUST,  
RUTH M  
806 Woodrow St

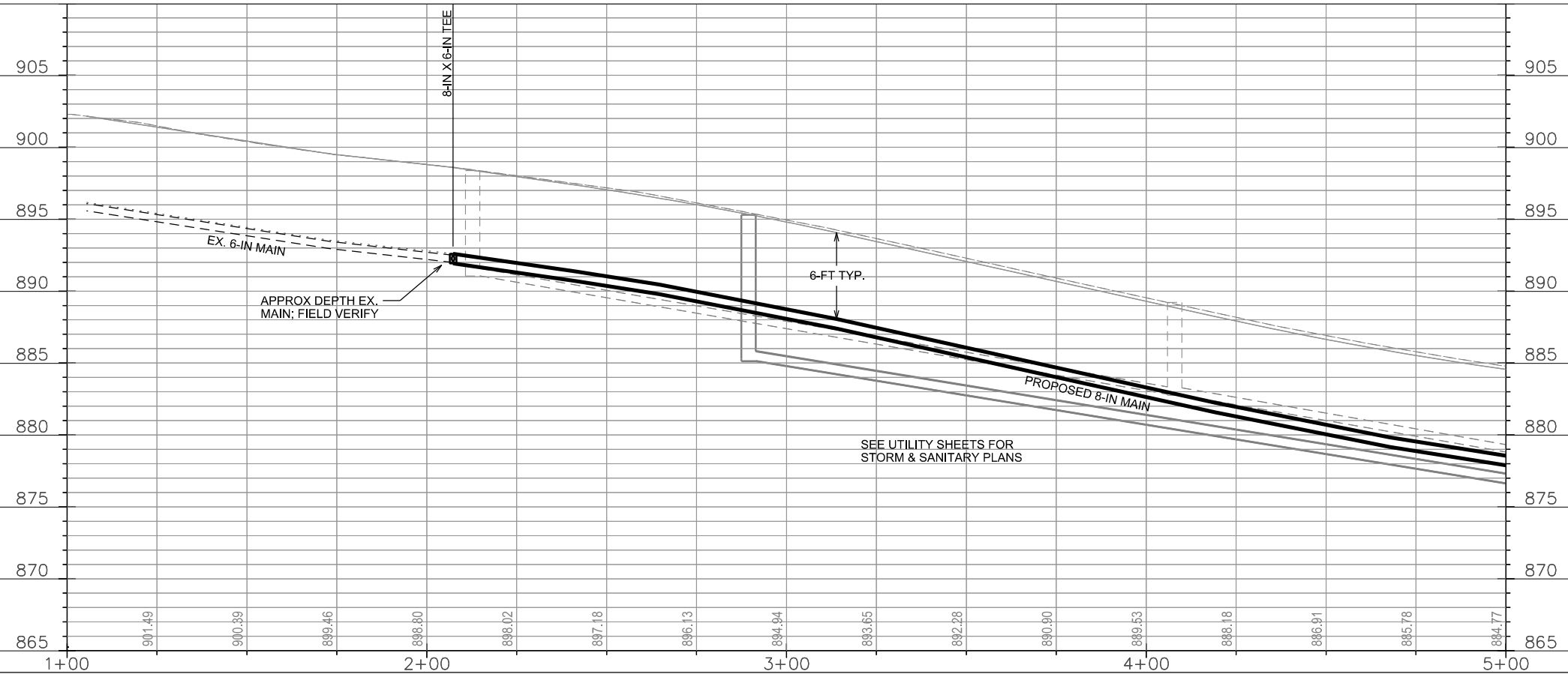
0709-281-1727-9  
STATZ, MATTHAIS SCOTT  
SUE A STATZ  
810 Woodrow St

0709-281-1726-1  
NYHOLT, TERESA A  
ROBERT H MEYER JR  
812 Woodrow St

0709-281-1725-3  
GARTLER, MARC S  
& C NEWVILLE GARTLER  
820 Woodrow St

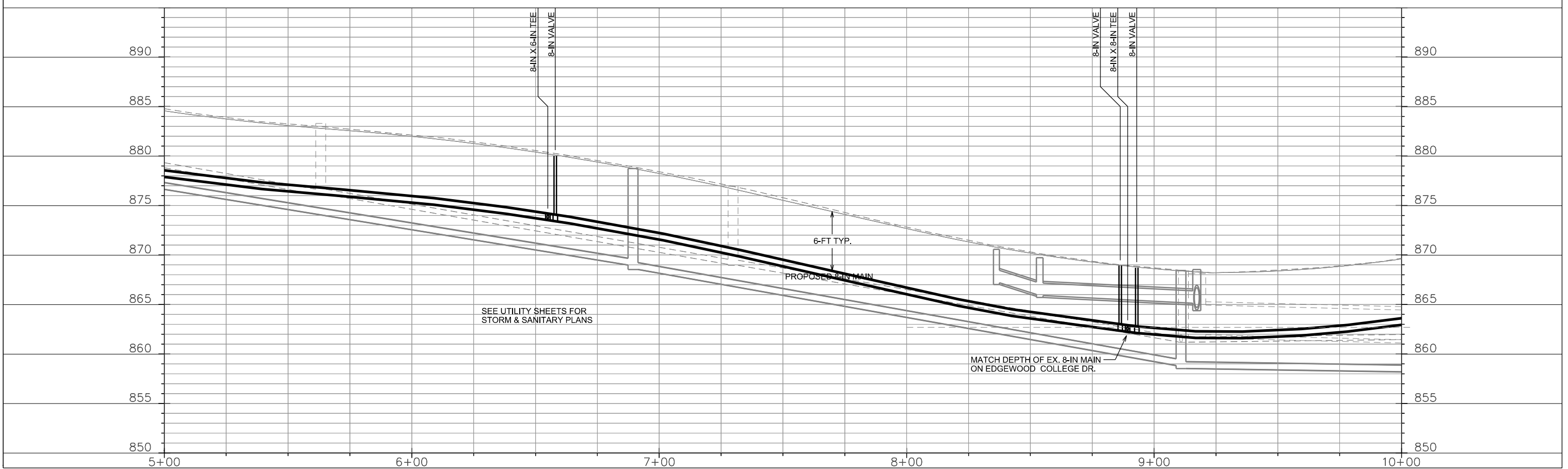
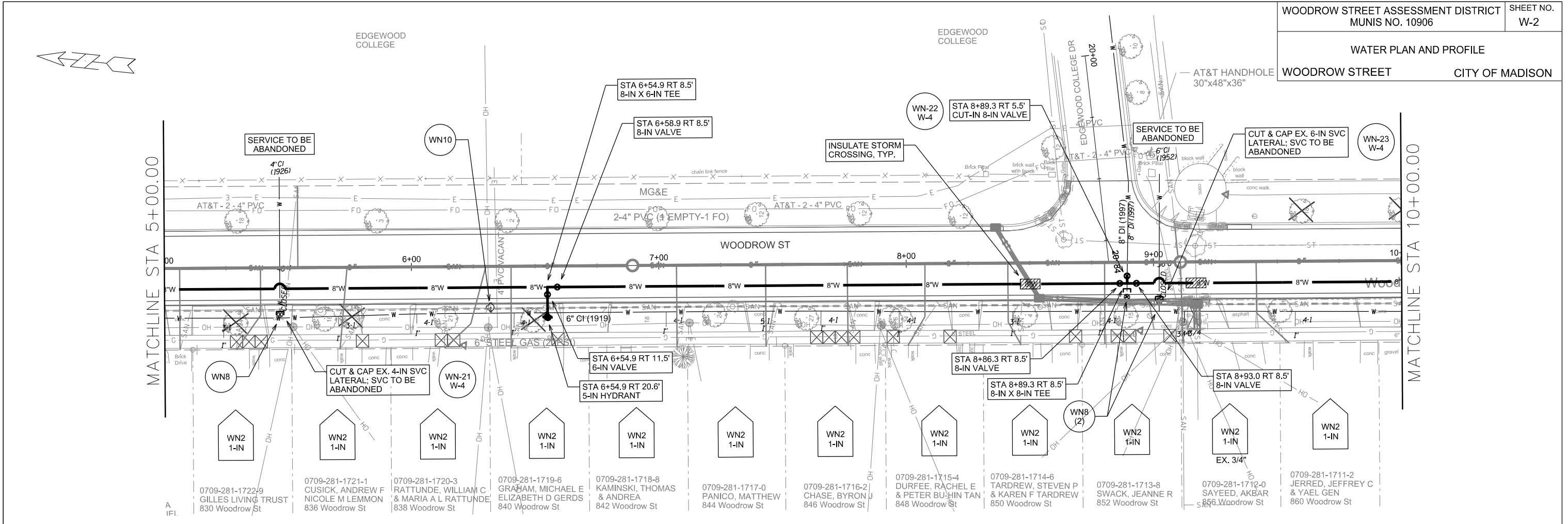
0709-281-1724-5  
SMITH, DONALD W  
824 Woodrow St

0709-281-1723-7  
MCTAVISH, FIONA  
M & KAY C GABRIE  
826 Woodrow St



SEE UTILITY SHEETS FOR  
STORM & SANITARY PLANS

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



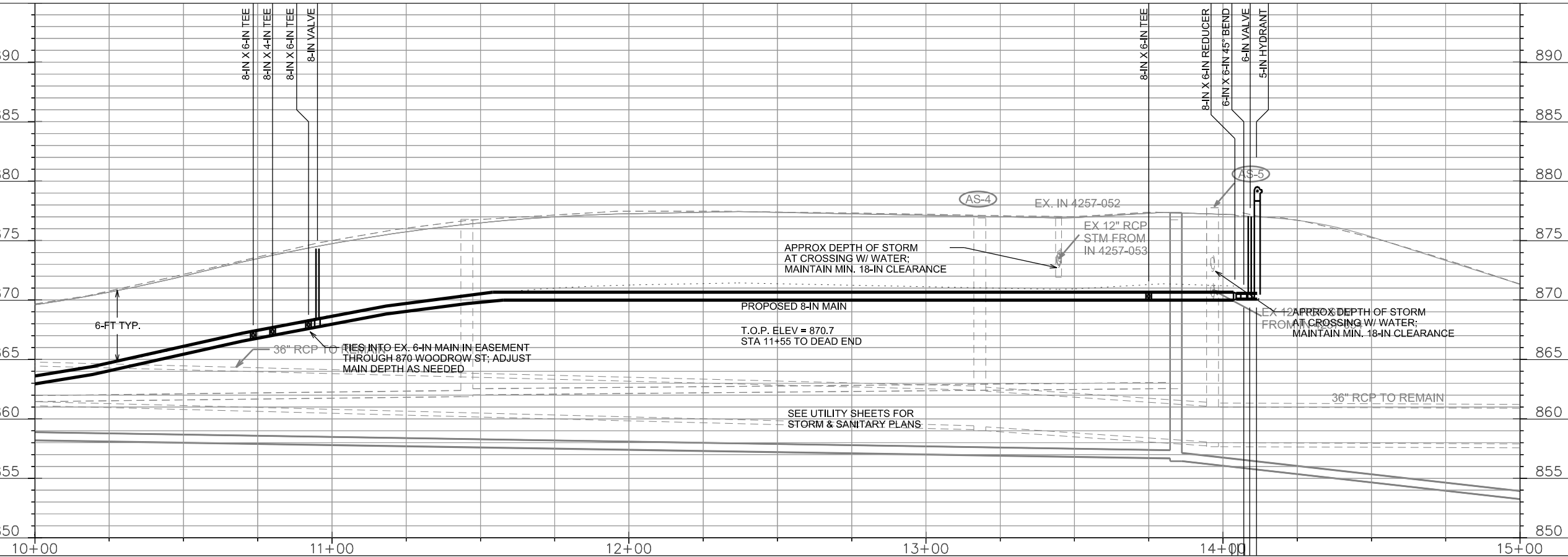
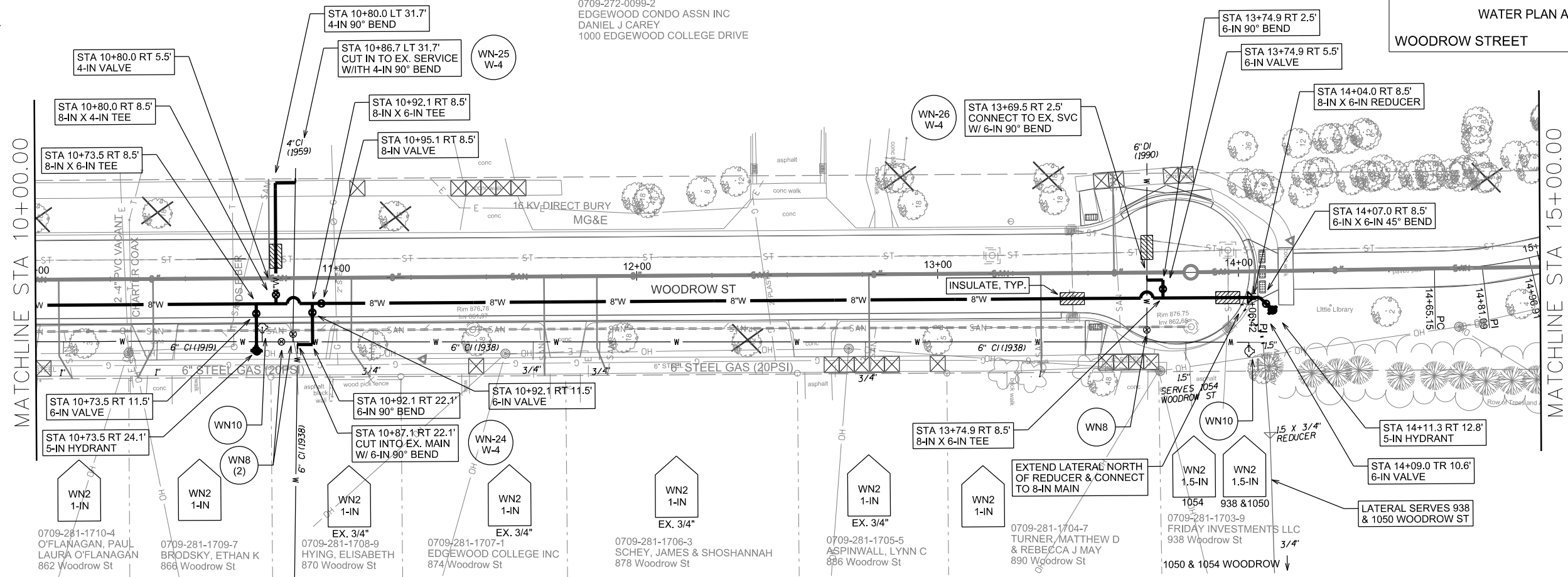
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PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-272-0099-2  
EDGEWOOD CONDO ASSN INC  
DANIEL J CAREY  
1000 EDGEWOOD COLLEGE DRIVE



PLOT SCALE: \_\_\_\_\_

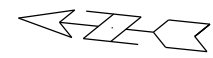
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTE:  
2329 MONROE ST & 874 WOODROW ST  
ARE OWNED BY EDGEWOOD COLLEGE.  
IN ADDITION TO STANDARD NOTIFICATION  
OF RESIDENTS, ALSO NOTIFY NATE KOSHAREK  
AT EDGEWOOD COLLEGE AT (608) 438-6063

EDGEWOOD COLLEGE DR



CUT & CAP EX. MAIN  
WOODROW AT MONROE

WN20  
W-1

ISOLATION VALVES:

- V-18 (6" WOODROW AT MONROE)
- V-24 (6" EDGEWOOD COLLEGE DR AT WOODROW)
- V-21 (6" B/W 866-870 WOODROW)
- 6" TAP (6" WOODROW AT MONROE)

SEQUENCE CUT-IN TO EASEMENT W/ CONNECTION  
TO TERRY PLACE MAIN (WN24) BEFORE THIS OPERATION

NOTIFICATION

- NONE R'QD ASSUMING ALL SERVICE LATERALS  
T-FERED TO THE NEW 8" MAIN & CONNECTION  
WN24 TO TERRY PLACE HAS BEEN MADE

WN21  
W-2

CUT & CAP EX. SERVICE  
EDGEWOOD ATHLETIC FLD  
AT 830 WOODROW ST

ISOLATION VALVES:

- SV-20 (4" EDGEWOOD  
ATHLETIC FIELD)

NOTIFICATION

- NONE R'QD  
SVC TO BE ABANDONED

CUT-IN CONNECTION (8")  
EDGEWOOD COLLEGE DR  
AT WOODROW

WN22  
W-2

0007

SERVICE OUTAGE RESTRICTIONS:

- MAY ONLY OCCUR FRIDAYS,  
SATURDAYS AND SUNDAYS

ISOLATION VALVES:

- V-24 (6" EDGEWOOD COLLEGE DR  
AT WOODROW)
- SV-1 (6" EDGEWOOD COLLEGE DR SVC)
- SV-7 (4" EDGEWOOD COLLEGE DR SVC)
- V-5 (8" EDGEWOOD COLLEGE DR LOOP)

NOTIFICATION:

- EDGEWOOD COLLEGE FACILITIES  
OPERATIONS MANAGER NATE  
KOSHAREK AT (608) 438-6063 WITH  
MIN. OF (4) WORKING DAYS NOTICE

V-18

SV-20

V-24

SV-20

V-21

OWNED BY E.C.

OWNED BY E.C.

WN23  
W-2

CUT & CAP EX. SERVICE  
WOODROW AT EDGEWOOD COLLEGE

ISOLATION VALVES:

- SV-20 (6" WOODROW AT EDGEWOOD  
COLLEGE DR)

NOTIFICATION

- NONE R'QD; SVC TO  
BE ABANDONED

TERRY PL

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



EDGEWOOD COLLEGE DR

NOTE:  
2329 MONROE ST & 874 WOODROW ST  
ARE OWNED BY EDGEWOOD COLLEGE.  
IN ADDITION TO STANDARD NOTIFICATION  
OF RESIDENTS, ALSO NOTIFY NATE KOSHAREK  
AT EDGEWOOD COLLEGE AT (608) 438-6063

WN25  
W-3

CUT-IN CONNECTION (4")  
EDGEWOOD COLLEGE SERVICE

ISOLATION VALVES:  
- SV-22 (4" EDGEWOOD SVC)  
- NEW 4" SERVICE VALVE

NOTIFICATION  
- EDGEWOOD COLLEGE FACILITIES  
OPERATIONS; SEE SPECIAL  
PROVISIONS FOR NOTIFICATION  
REQ'MNTS & OUTAGE RESTRICTIONS

WN26  
W-3

CUT-IN CONNECTION (6")  
EDGEWOOD COLLEGE SERVICE

ISOLATION VALVES:  
- SV-23 (6" EDGEWOOD SVC)  
- NEW 6" SERVICE VALVE

SERVICE OUTAGE RESTRICTIONS:  
- MAY ONLY OCCUR ON  
SATURDAYS OR SUNDAYS

NOTIFICATION:  
- EDGEWOOD COLLEGE FACILITIES  
OPERATIONS MANAGER NATE  
KOSHAREK AT (608) 438-6063 WITH  
MIN. OF (4) WORKING DAYS NOTICE

WOODROW ST

2329  
OWNED BY E.C.

OWNED BY E.C.

NOTE:  
- PERFORM WN24 CUT-IN ONLY  
AFTER 4" & 6" EDGEWOOD  
COLLEGE SERVICES HAVE BEEN  
TRANSFERED TO THE NEW MAIN

WN24  
W-3

CUT-IN CONNECTION AT MAIN  
IN EASEMENT - 870 WOODROW

ISOLATION VALVES:  
- V-21 (6" 866 WOODROW)  
- V-27 (6" EASEMENT AT TERRY)  
- NEW 8" (EASEMENT AT WOODROW)

NOTIFICATION  
- NONE REQ'D ASSUMING ALL  
SERVICES HAVE BEEN  
TRANSFERRED TO THE NEW MAIN

MONROE ST

TERRY PL

PLOT SCALE: \_\_\_\_\_

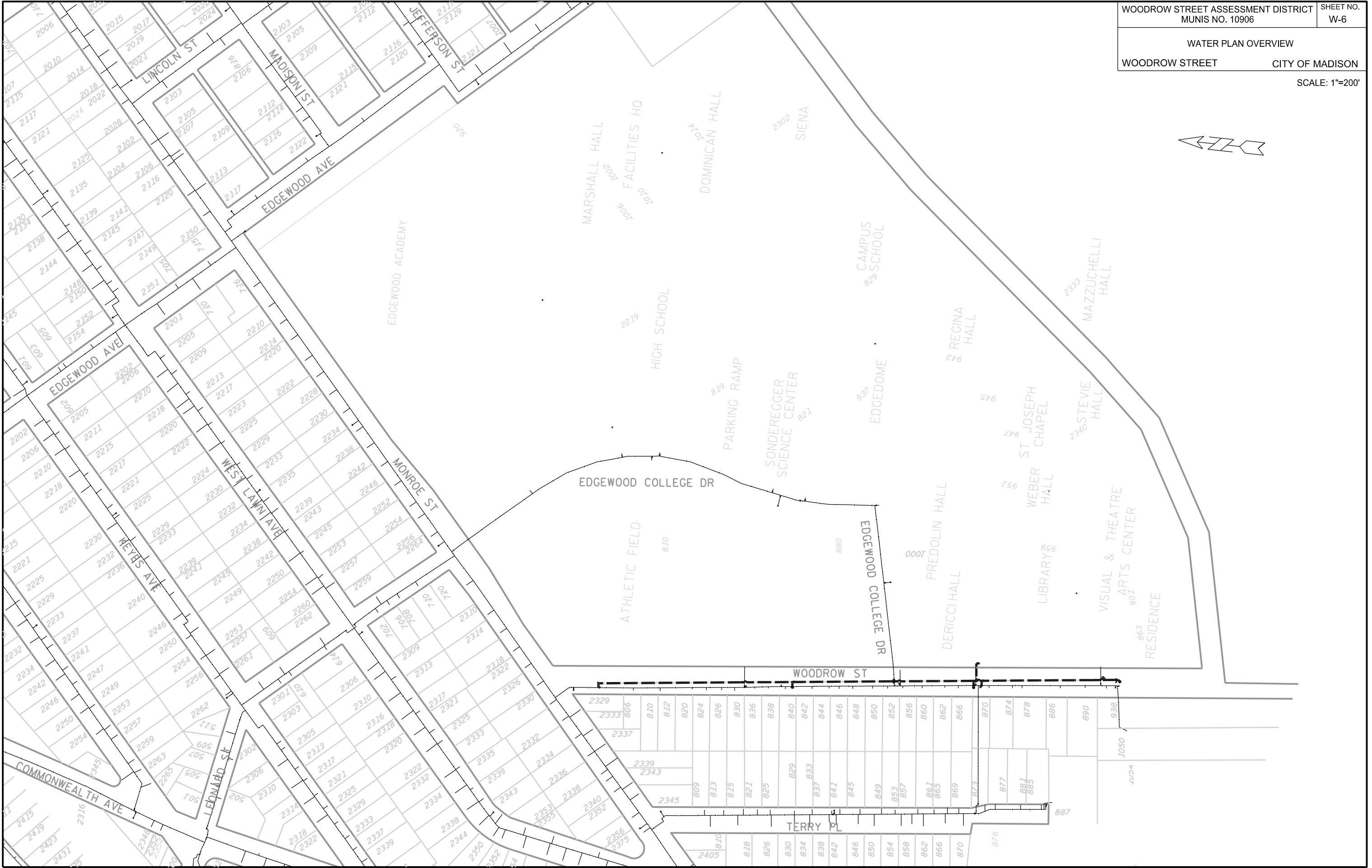
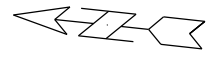
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN OVERVIEW  
WOODROW STREET CITY OF MADISON

SCALE: 1"=200'



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

**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 EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. 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:**

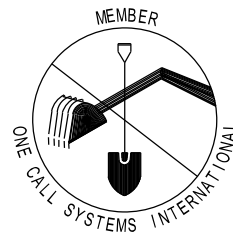
*\* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- |                      |                                   |
|----------------------|-----------------------------------|
| 45-FT - 4-IN PIPE    | 1 - 8-IN X 6-IN REDUCER           |
| 75-FT - 6-IN PIPE    | 1 - 8-IN MJ PLUG                  |
| 1220-FT - 8-IN PIPE  | 2 - 4-IN MJ CAP                   |
| 1 - 4-IN VALVE & BOX | 3 - 6-IN MJ CAP                   |
| 5 - 6-IN VALVE & BOX | 1 - 8-IN MJ CAP                   |
| 5 - 8-IN VALVE & BOX | 3 - HYDRANT                       |
| 1 - 8-IN X 4-IN TEE  | 48-FT - 2-IN STYROFOAM INSULATION |
| 5 - 8-IN X 6-IN TEE  | 1580-FT - POLY WRAP               |
| 1 - 8-IN X 8-IN TEE  | 1-IN & 1.5-IN COPPER (AS REQ'D)   |
| 2 - 4-IN 90° BEND    |                                   |
| 4 - 6-IN 90° BEND    |                                   |

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.



**MATERIALS SUPPLIED BY CITY:**

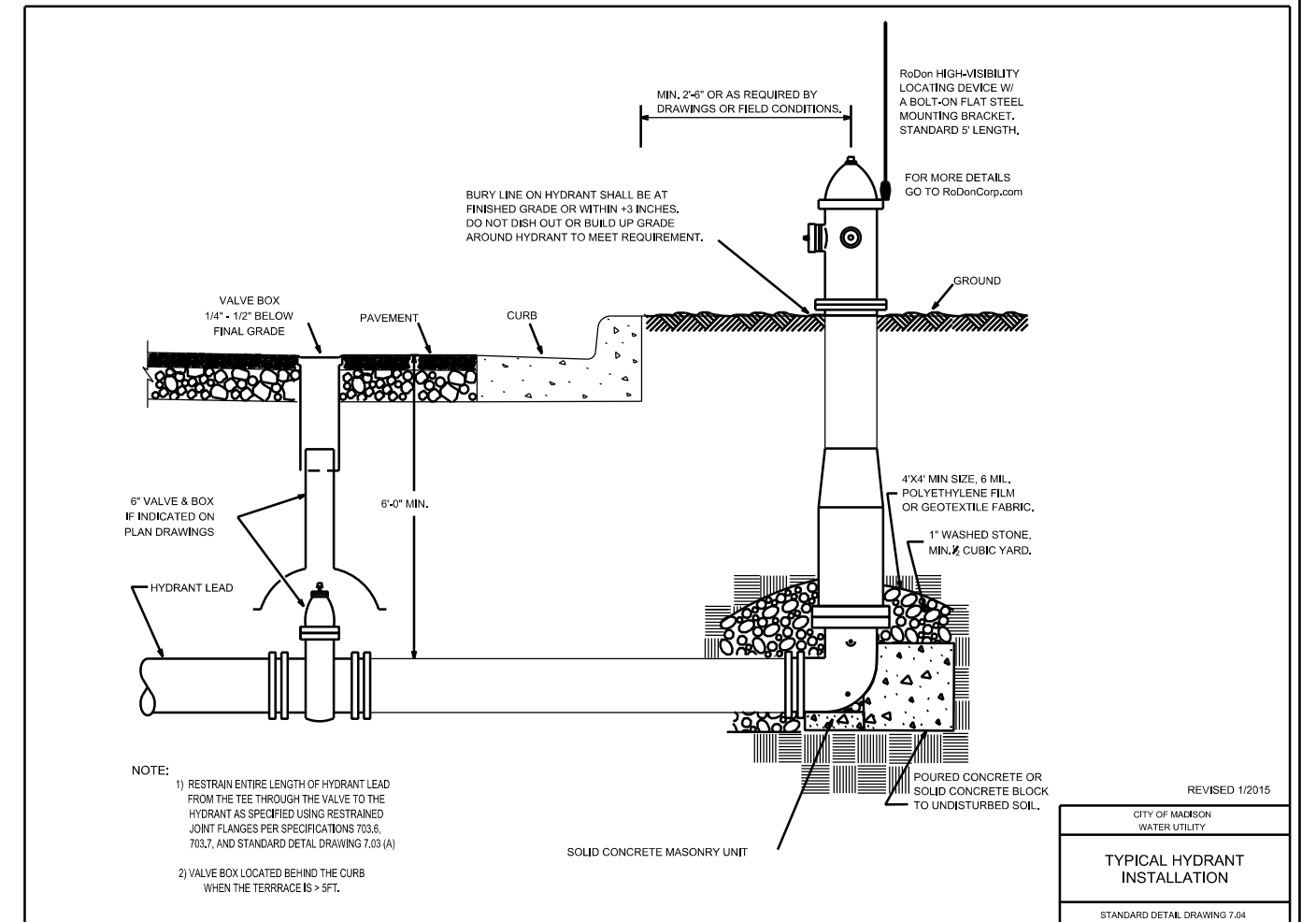
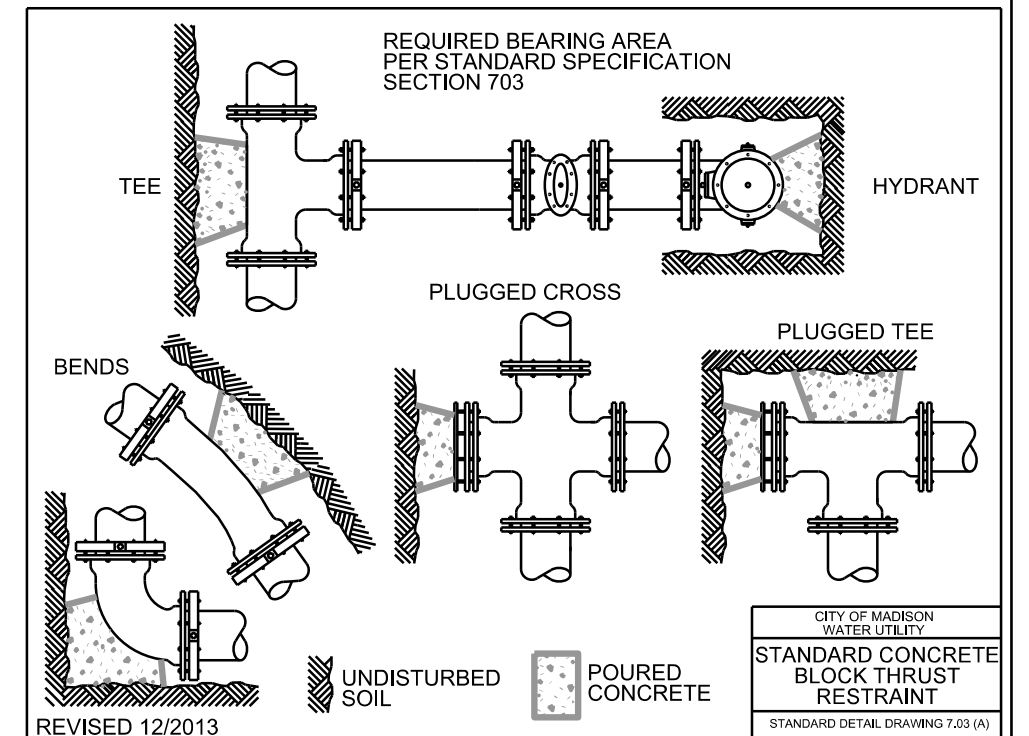
*\* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- 1 - 6-IN TAPPING SLEEVE
- 1 - 6-IN TAPPING VALVE

**ESTIMATE OF MATERIALS SALVAGED:**

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

NONE



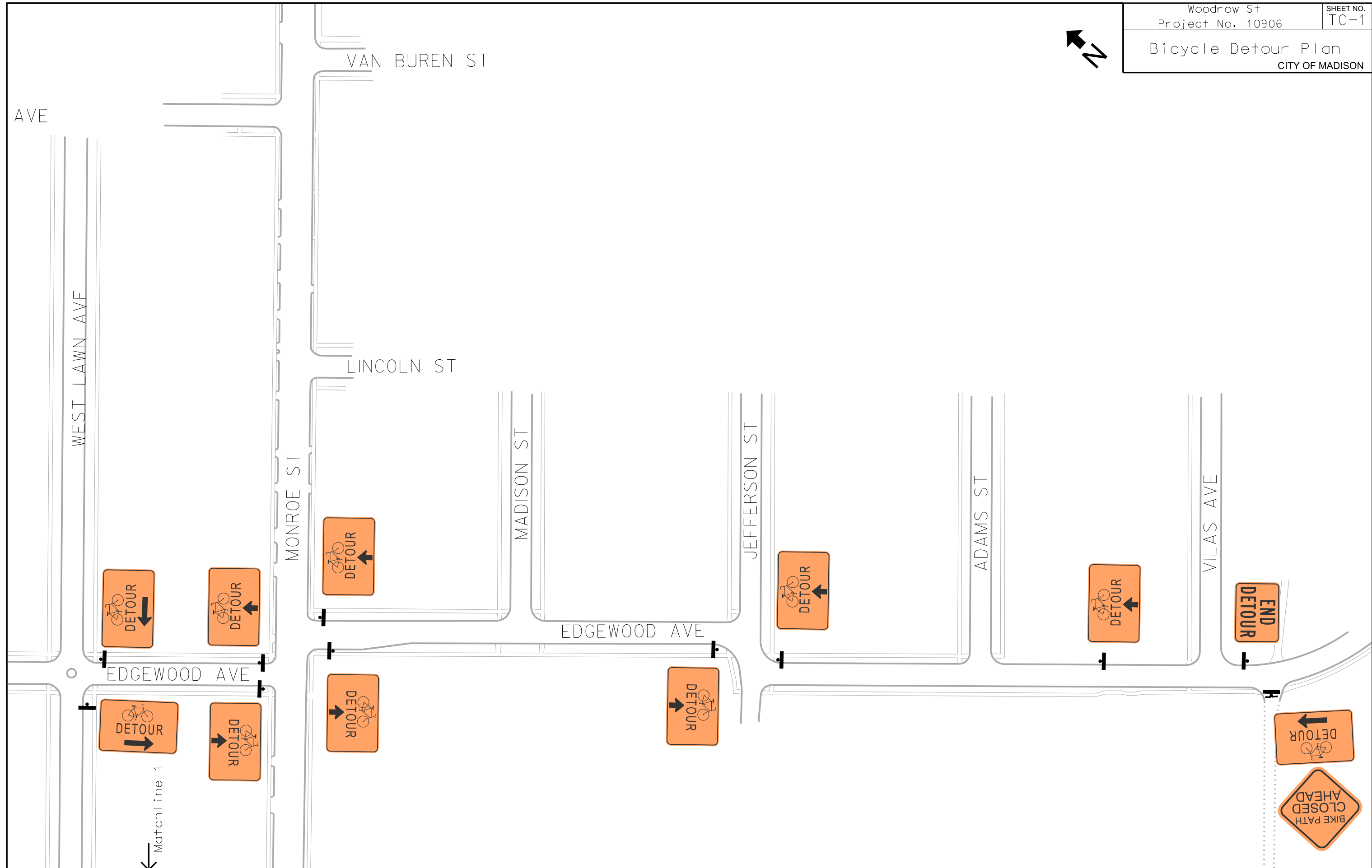
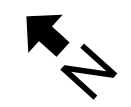
**DISCLAIMER NOTE:**  
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

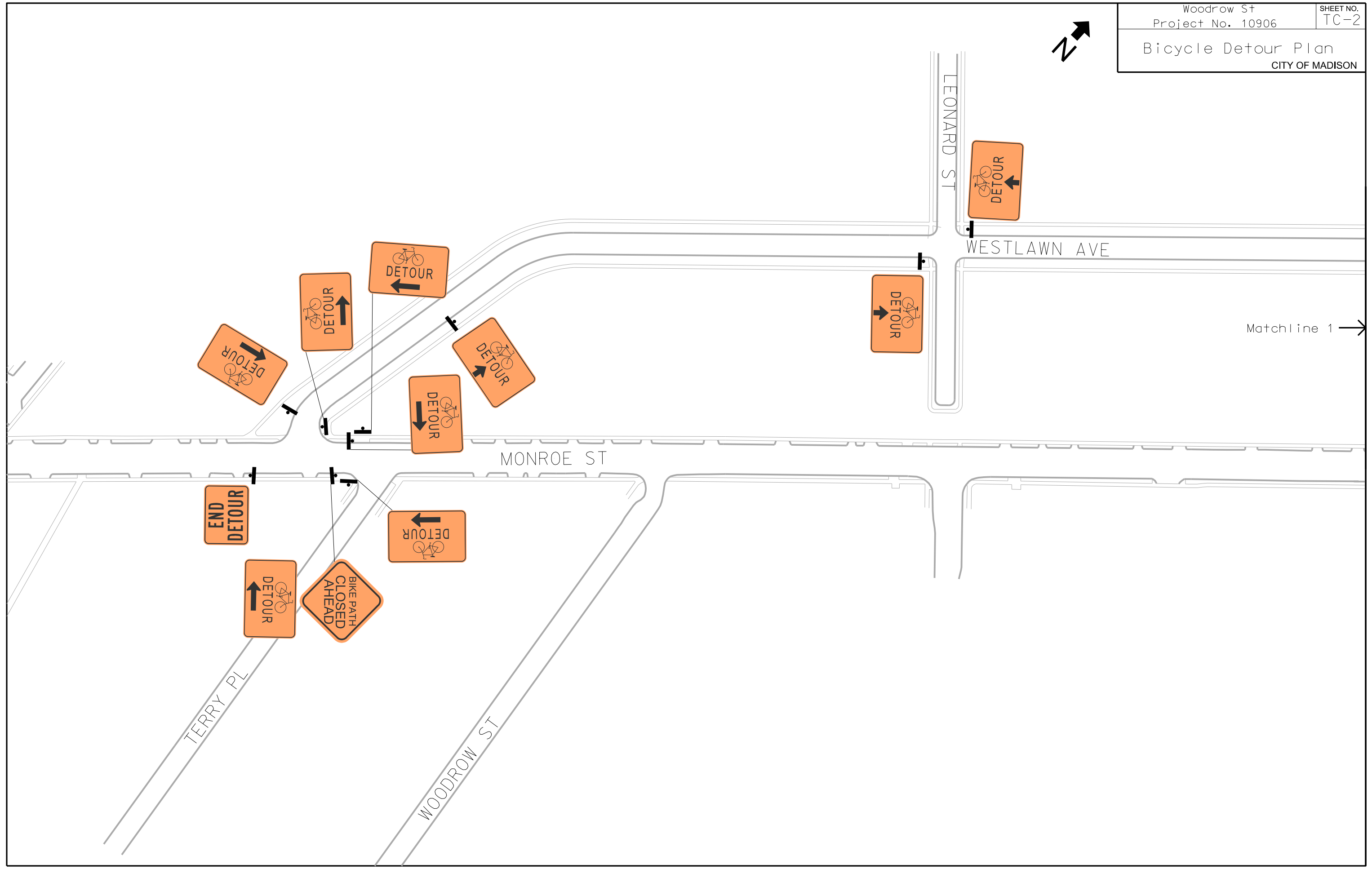
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.  
 REV. DATE:  
 PLOT NAME:  
 PLOT SCALE:



PLOT SCALE:  
PLOT NAME:  
REV. DATE:  
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

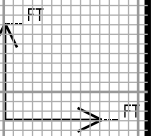
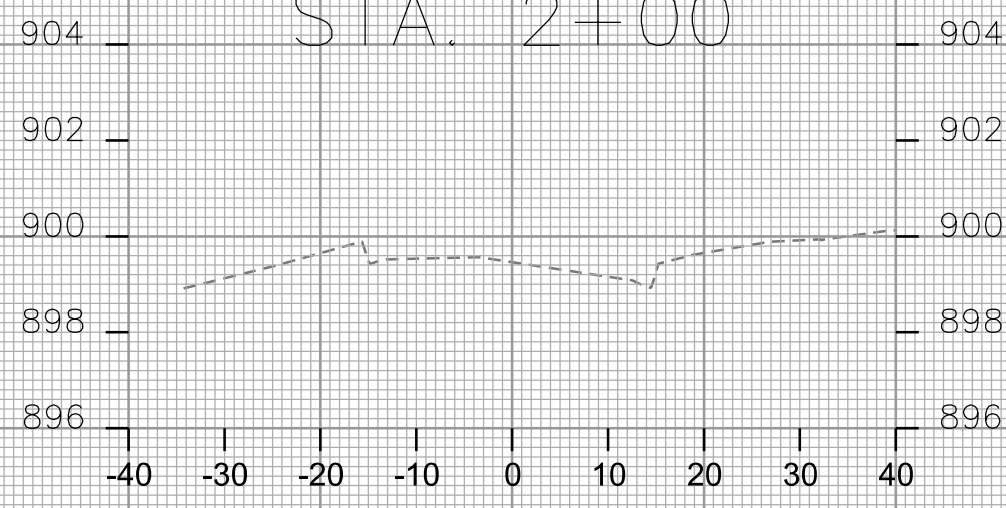
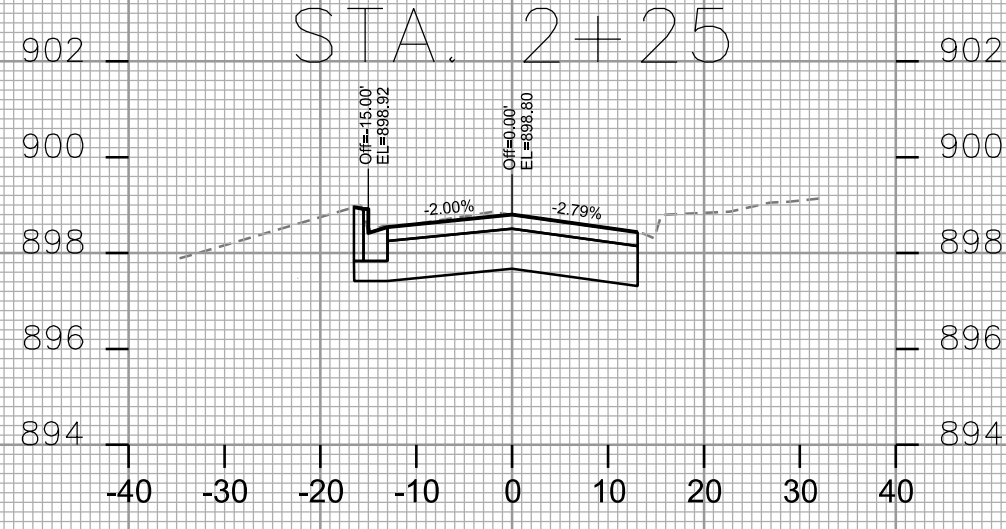
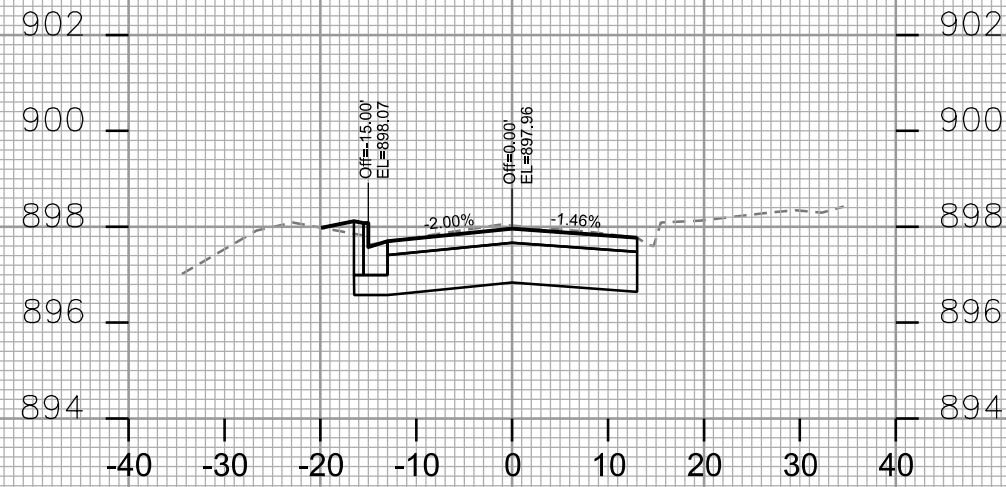
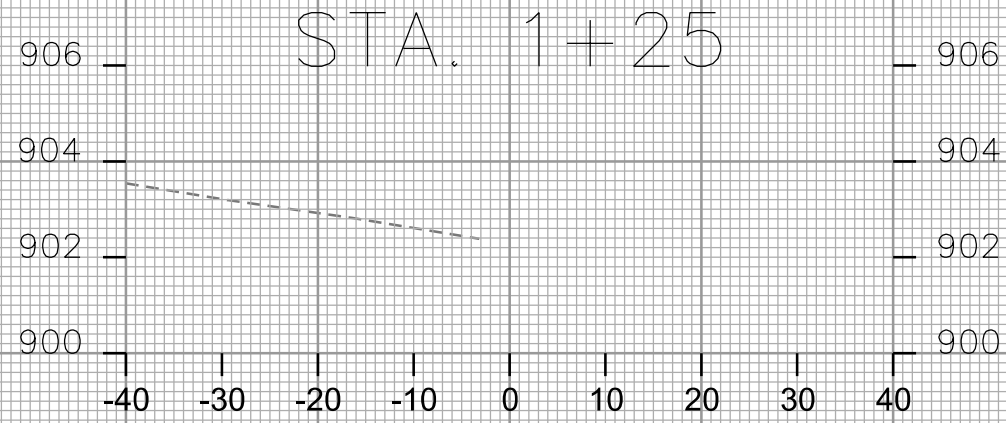
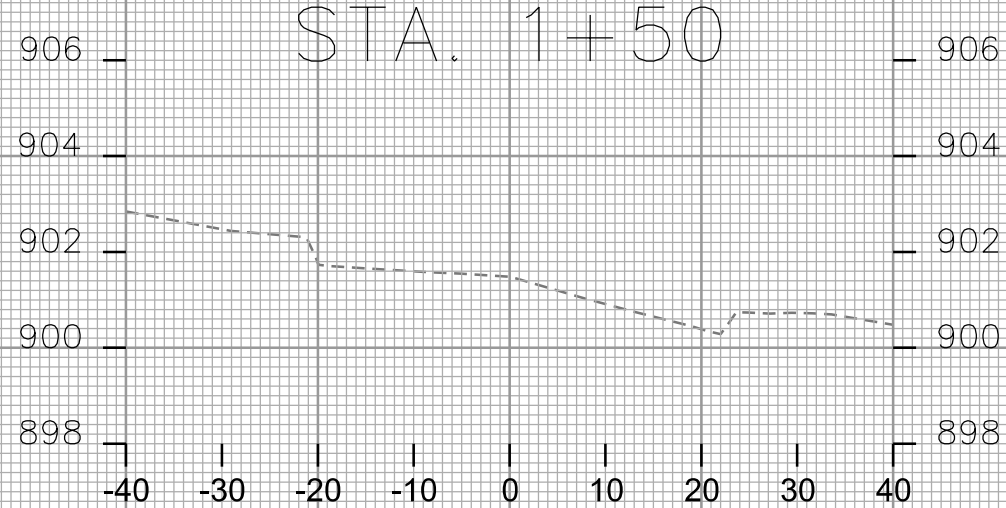
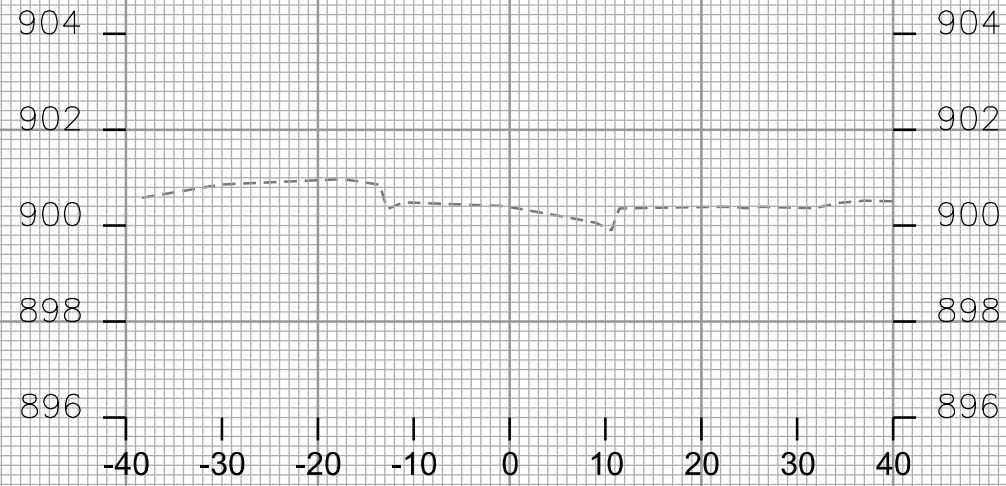


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

WOODROW STREET

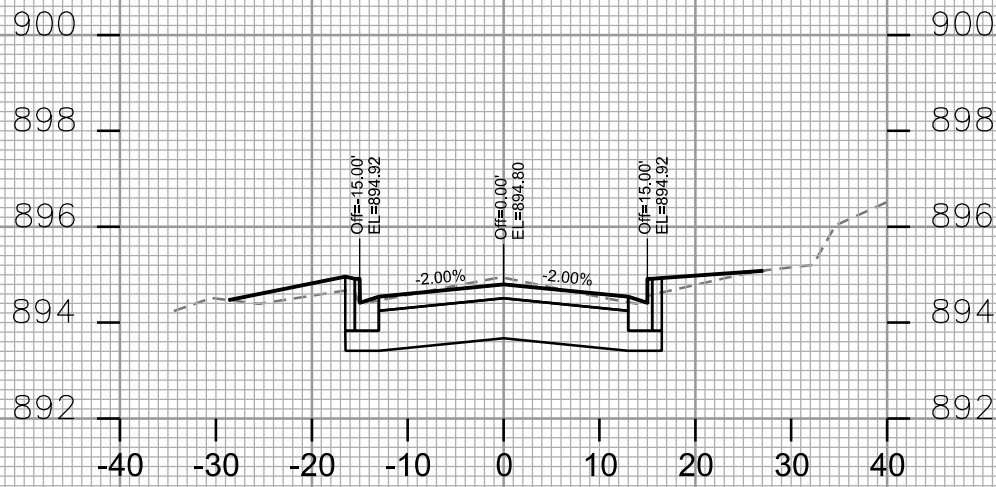
CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

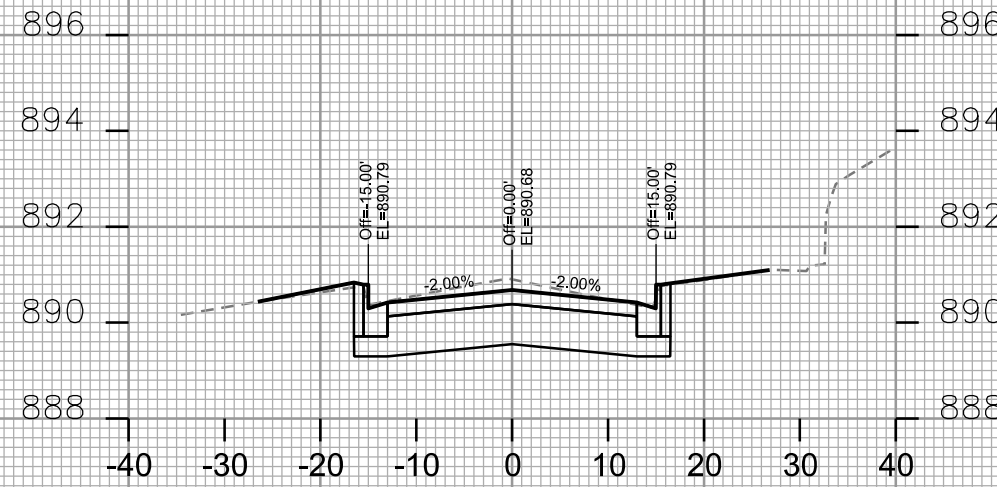
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

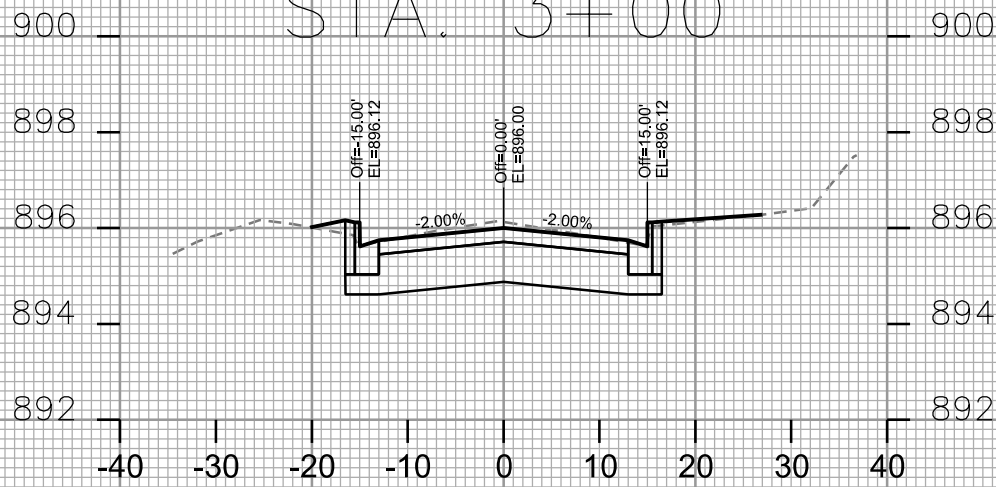
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



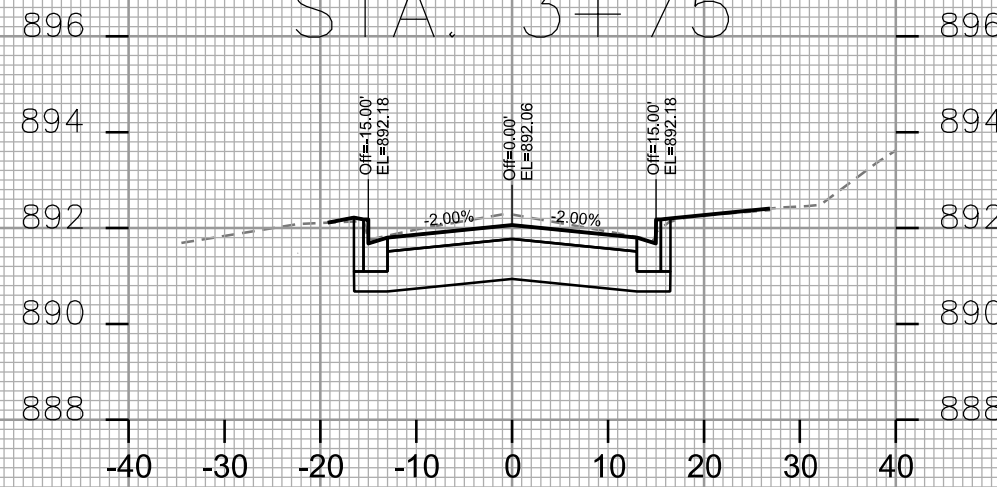
STA. 3+00



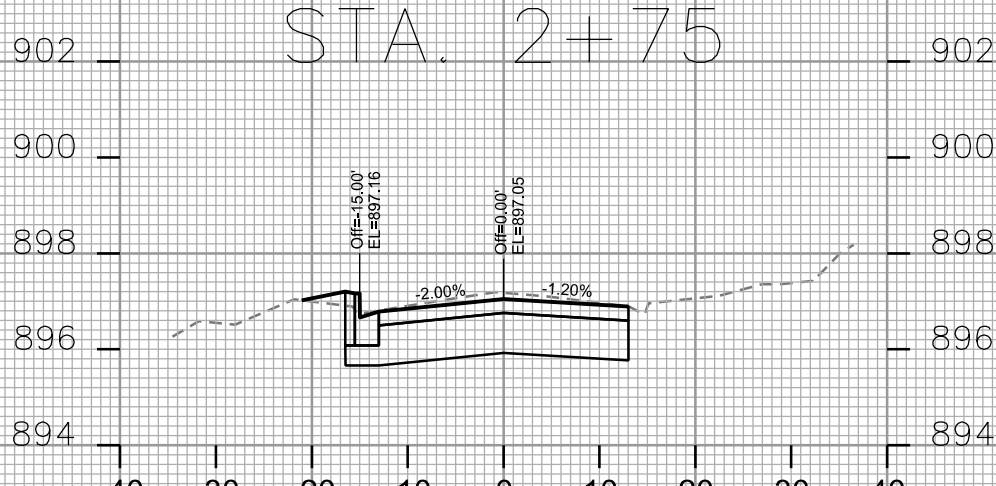
STA. 3+75



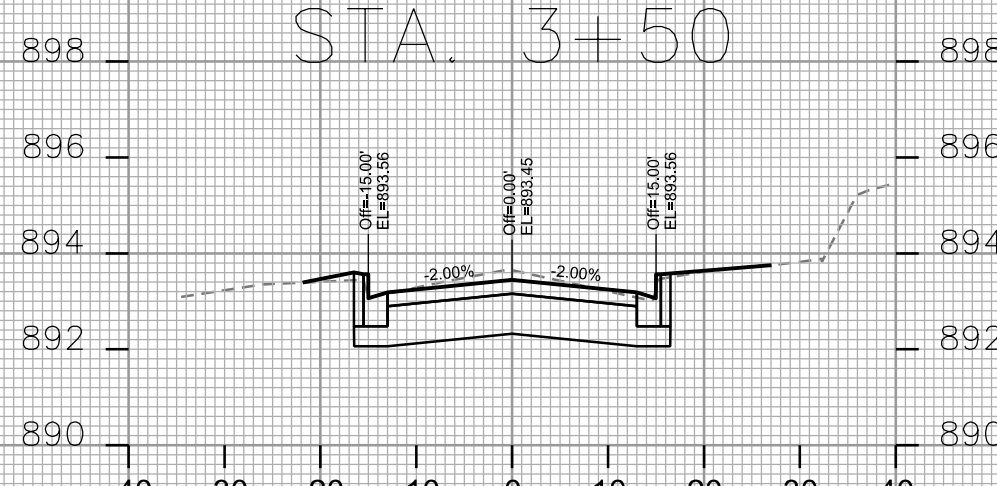
STA. 2+75



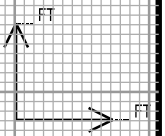
STA. 3+50



STA. 2+50



STA. 3+25

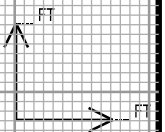
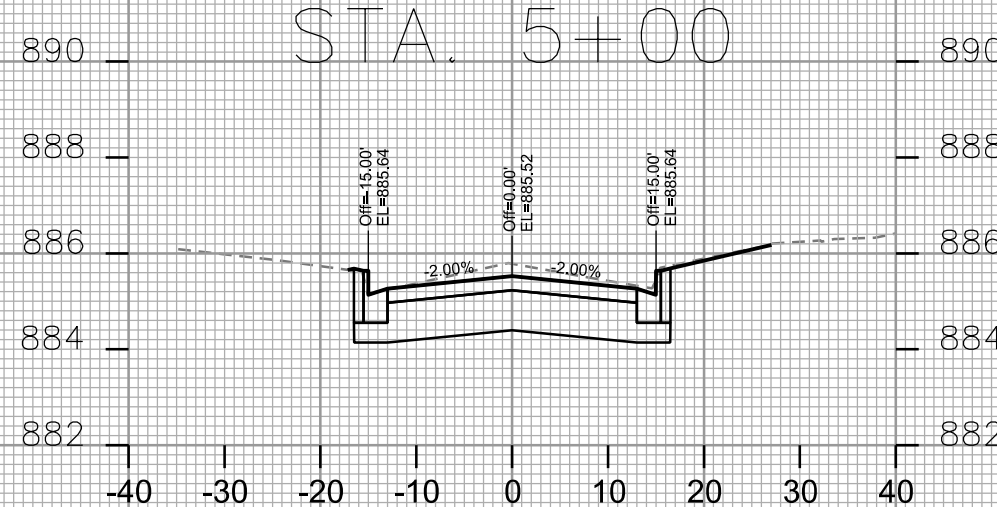
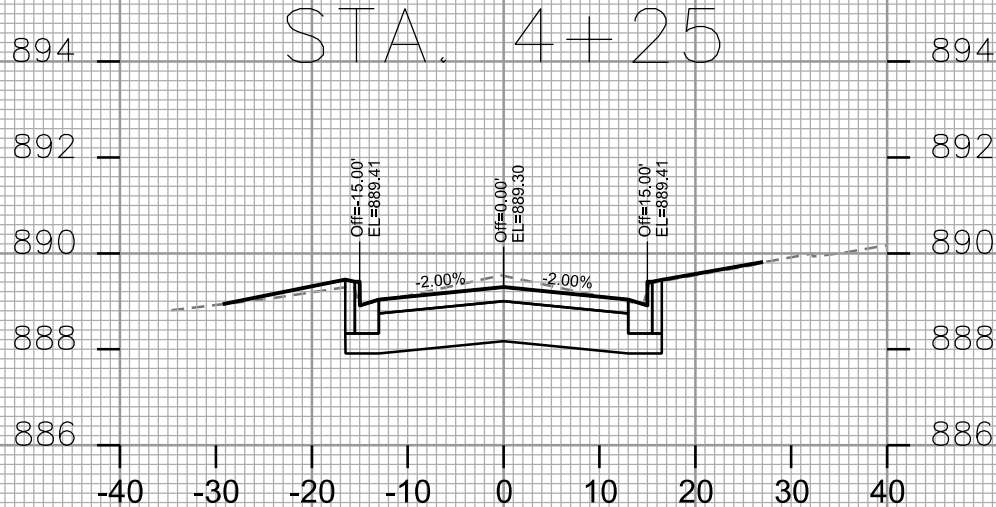
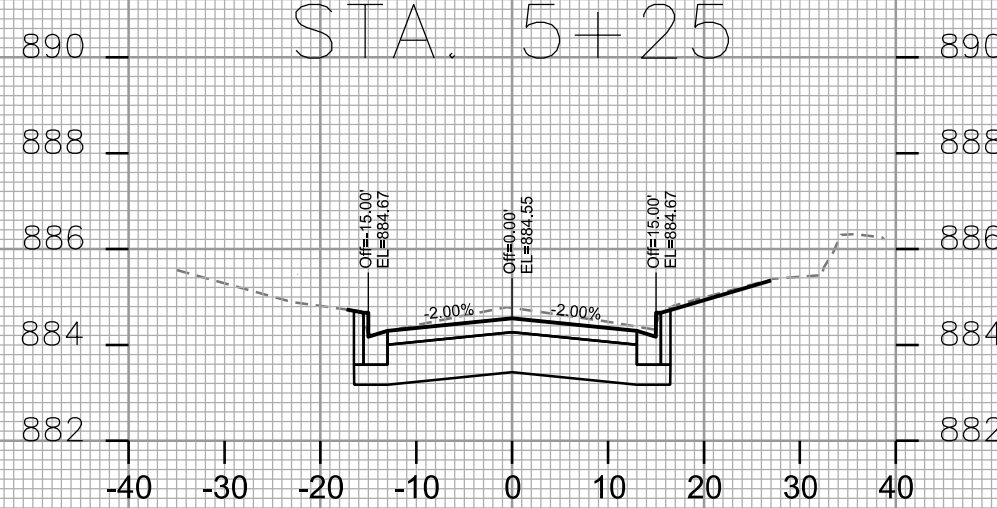
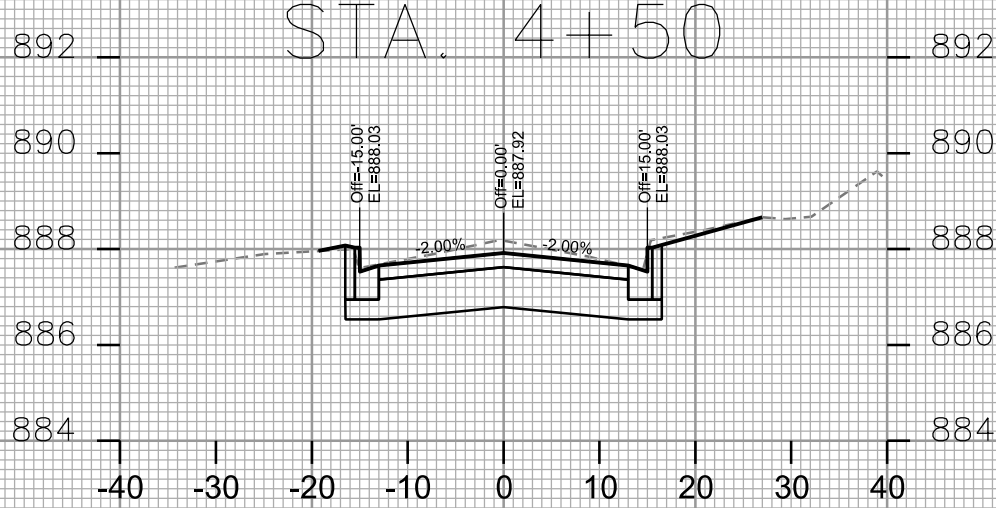
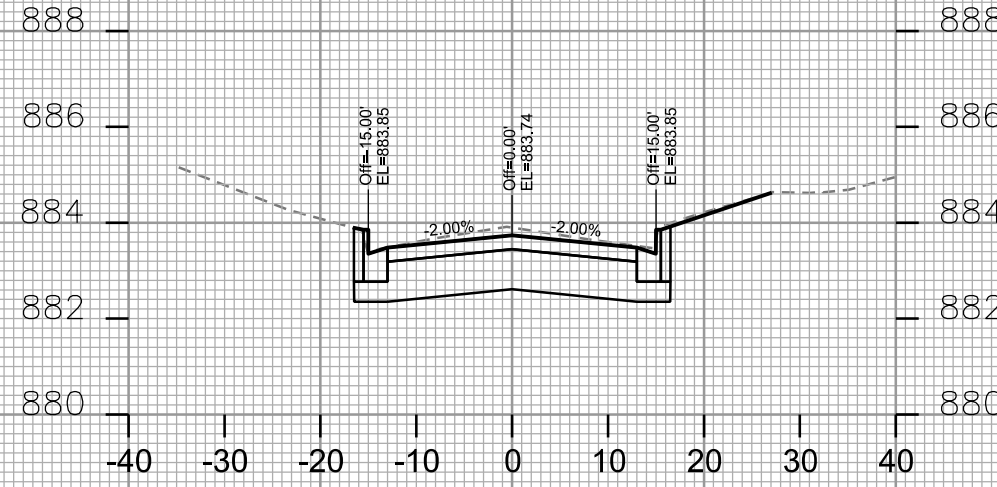
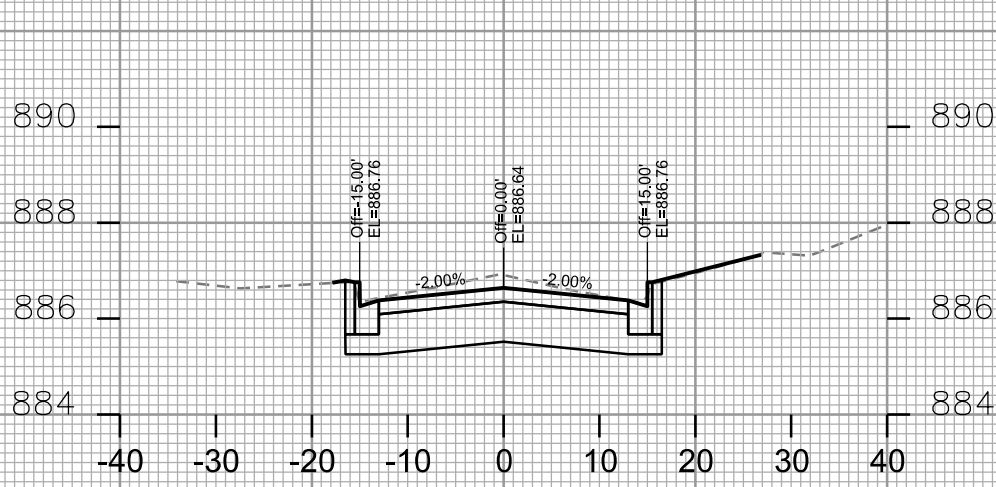


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



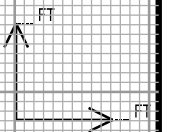
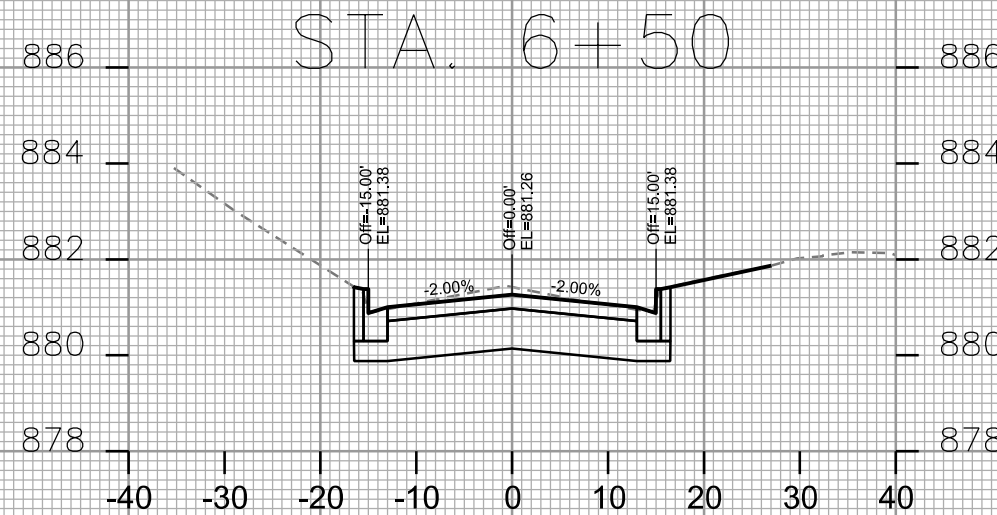
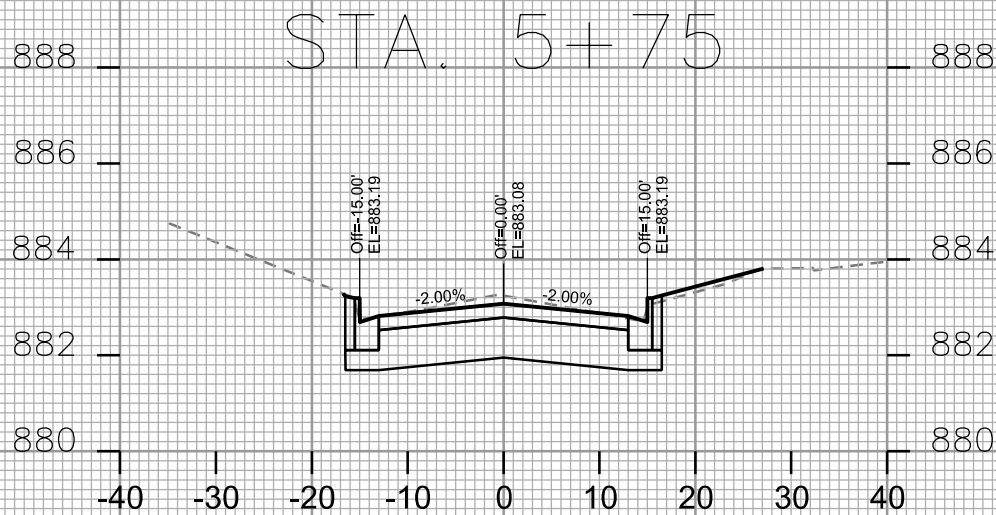
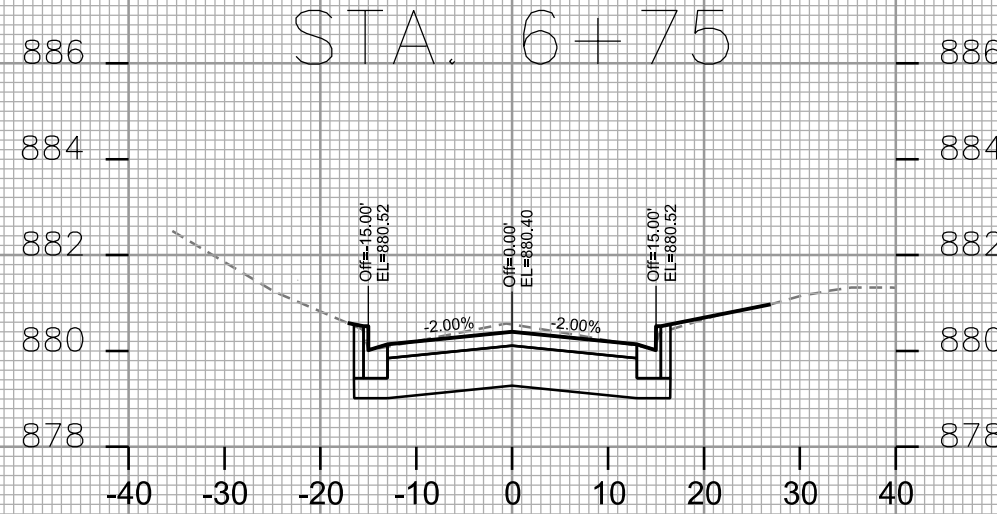
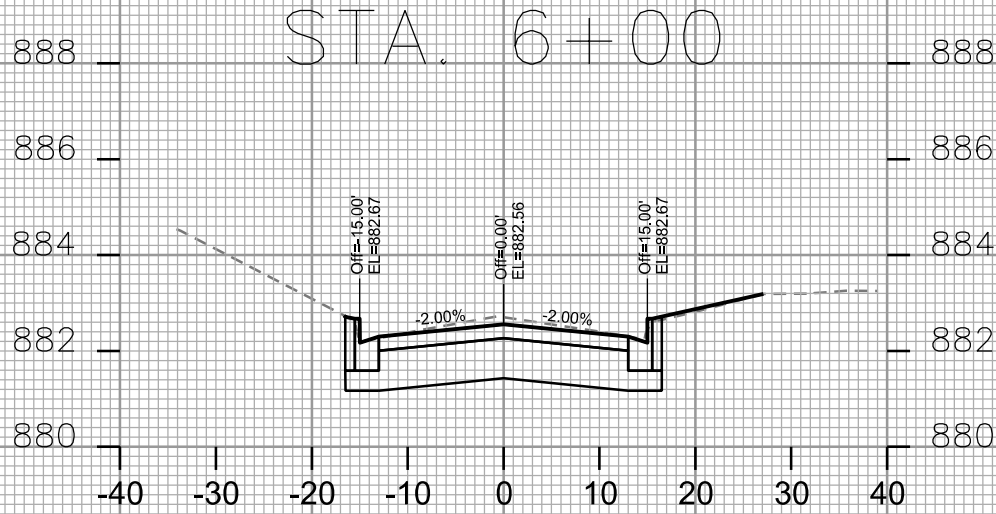
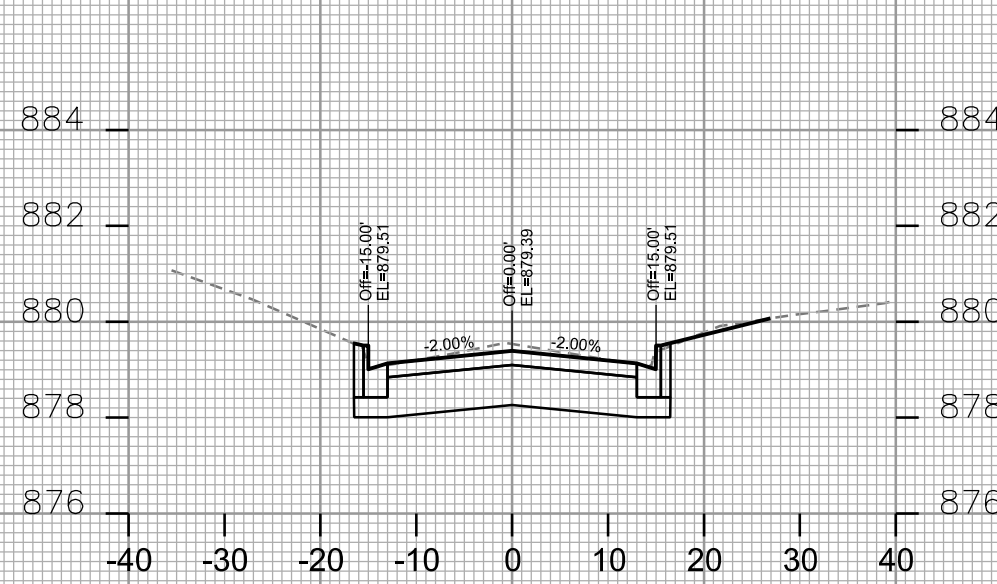
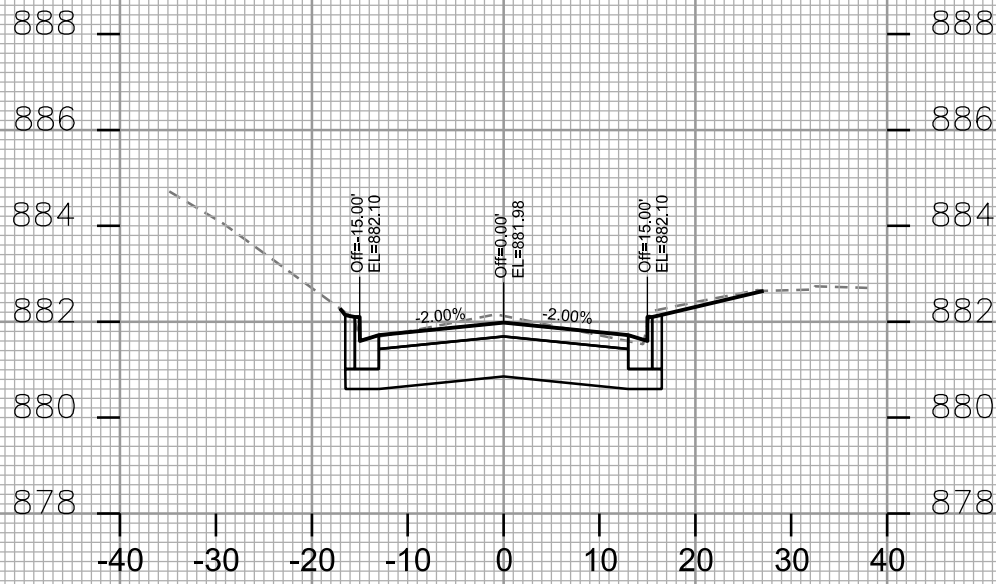


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

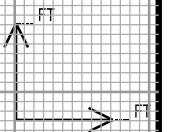
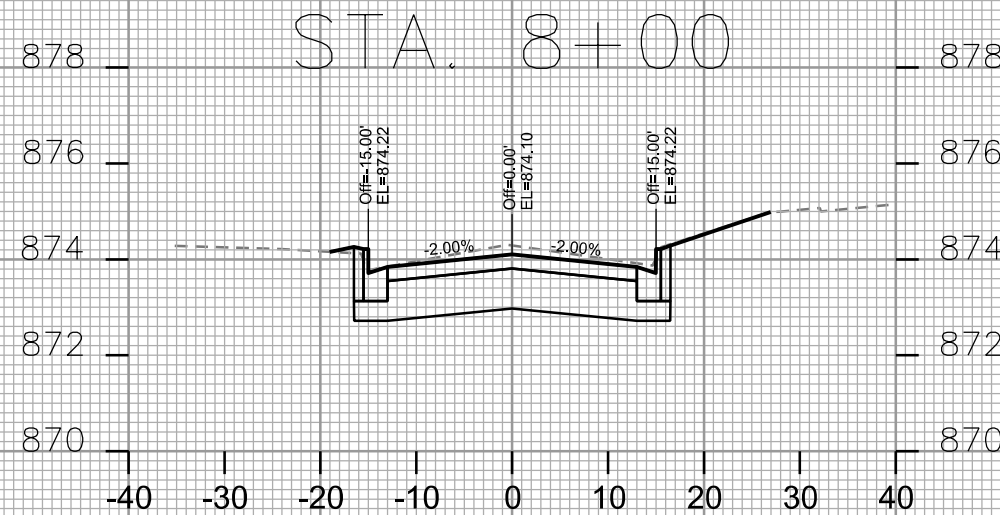
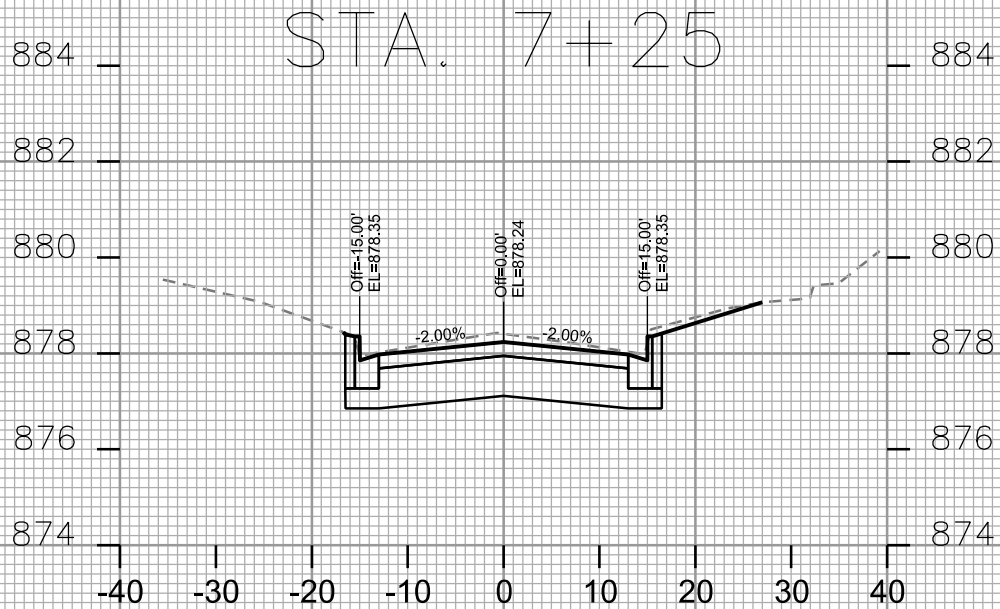
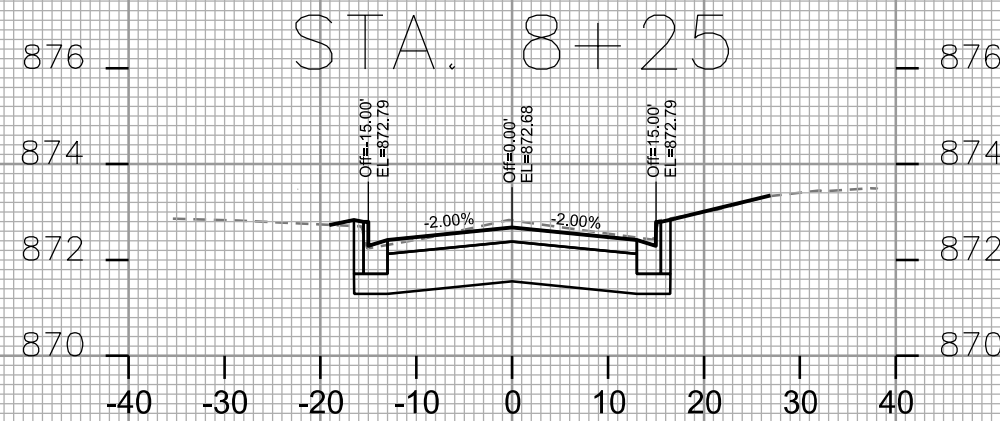
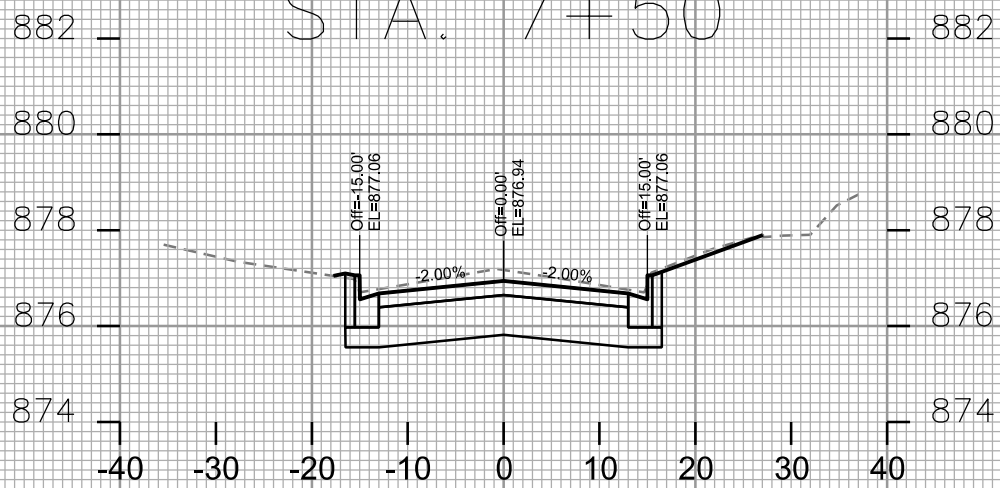
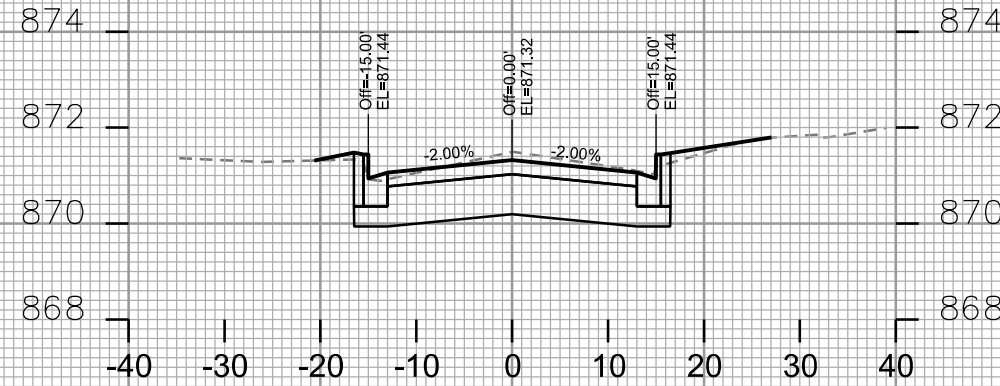
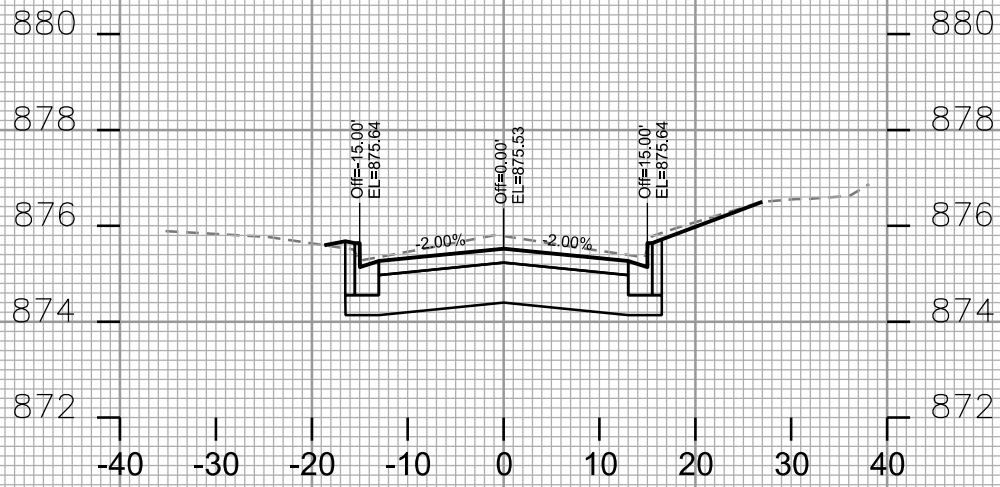


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

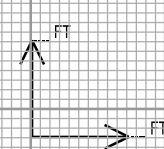
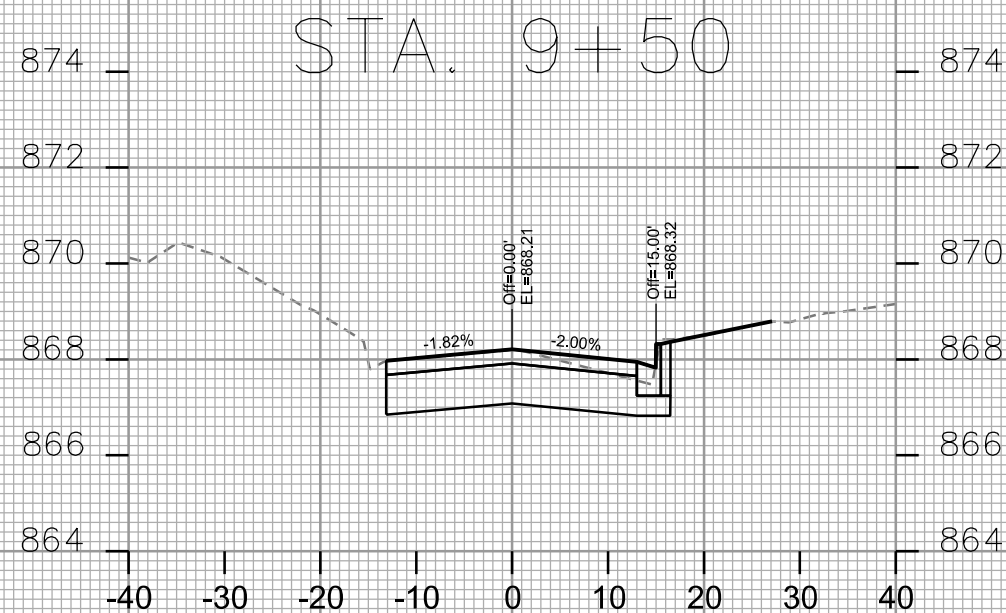
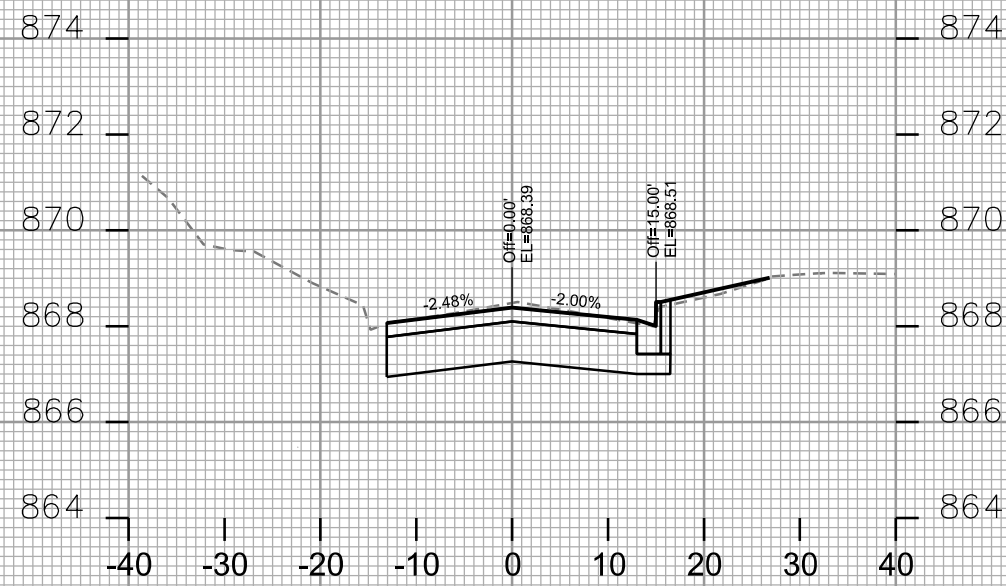
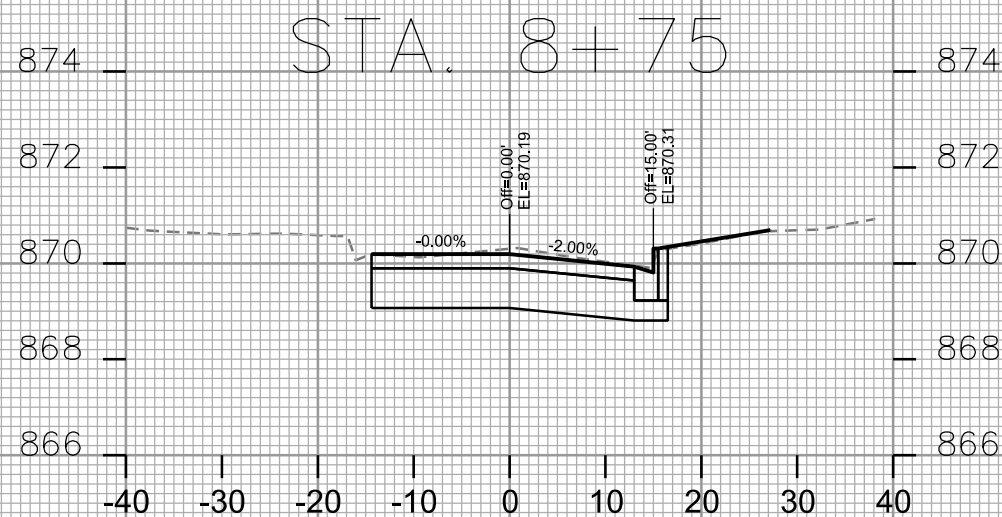
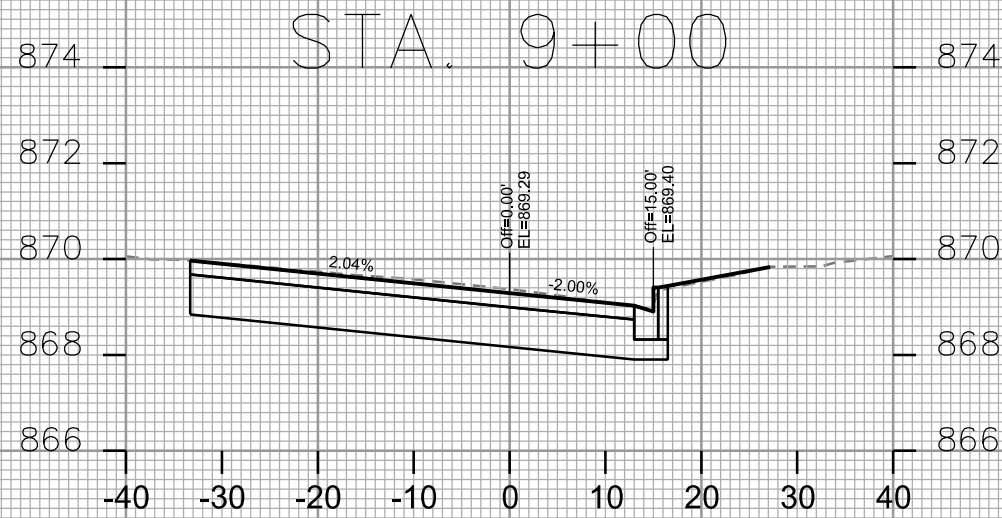
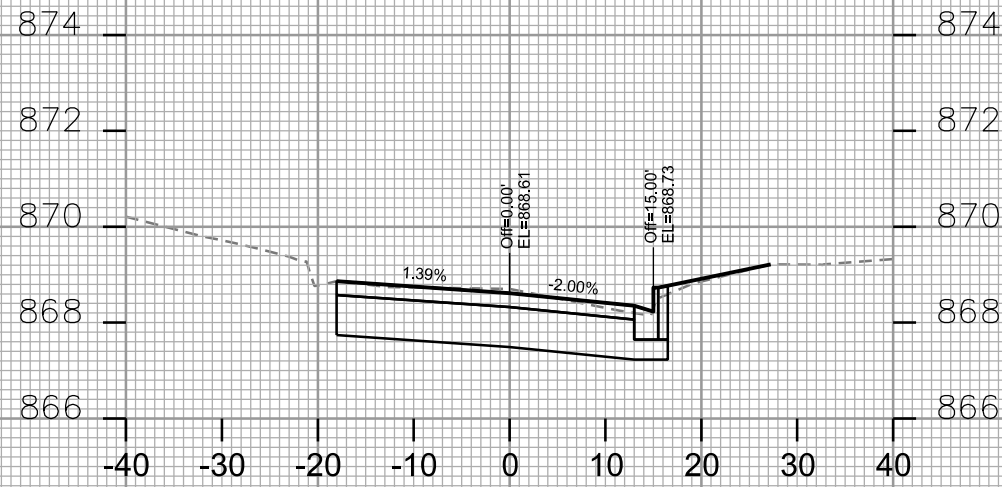


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

WOODROW STREET

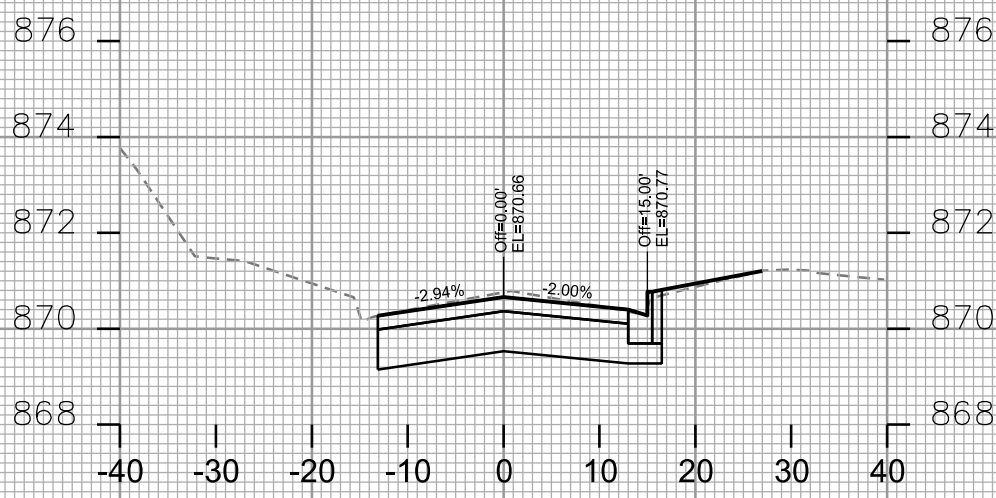
CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

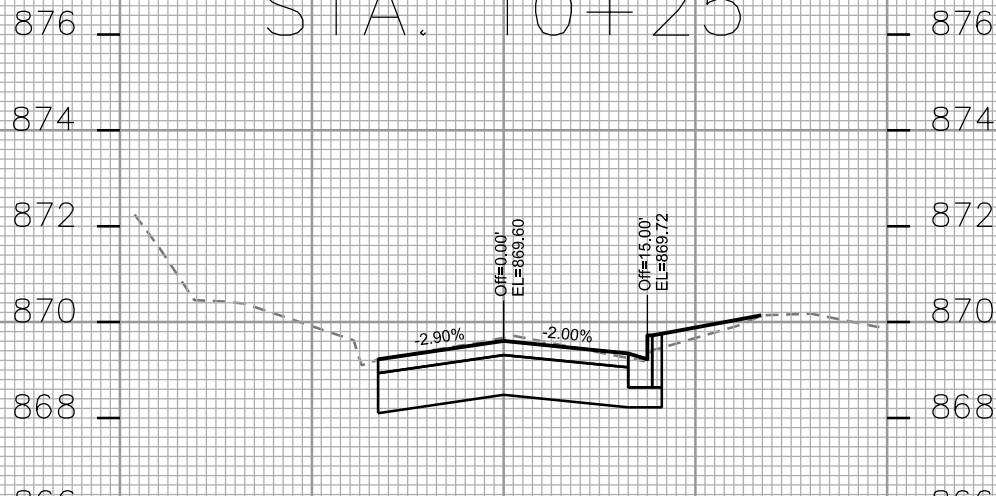
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

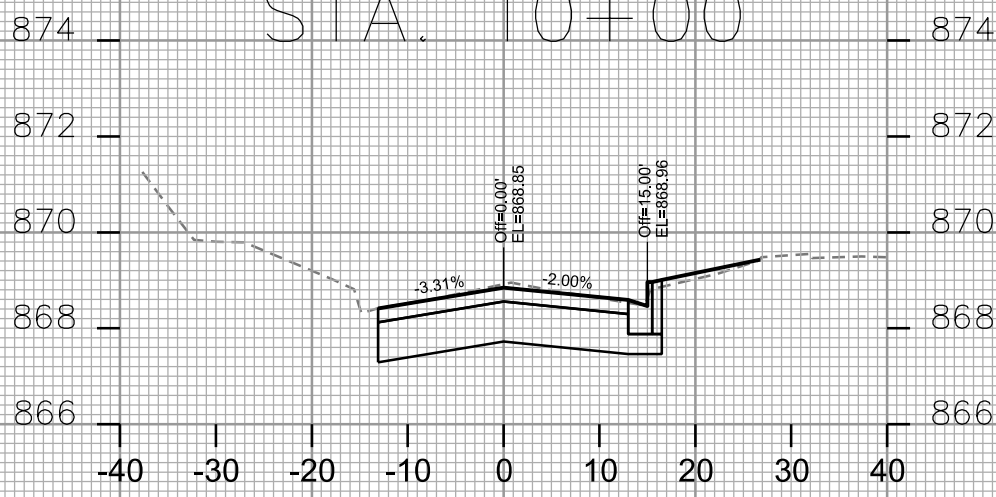
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



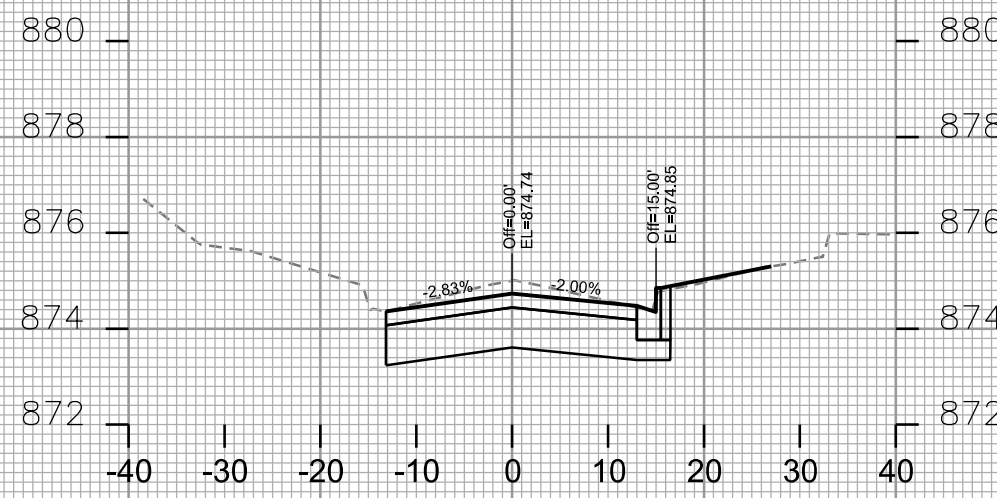
STA. 10+25



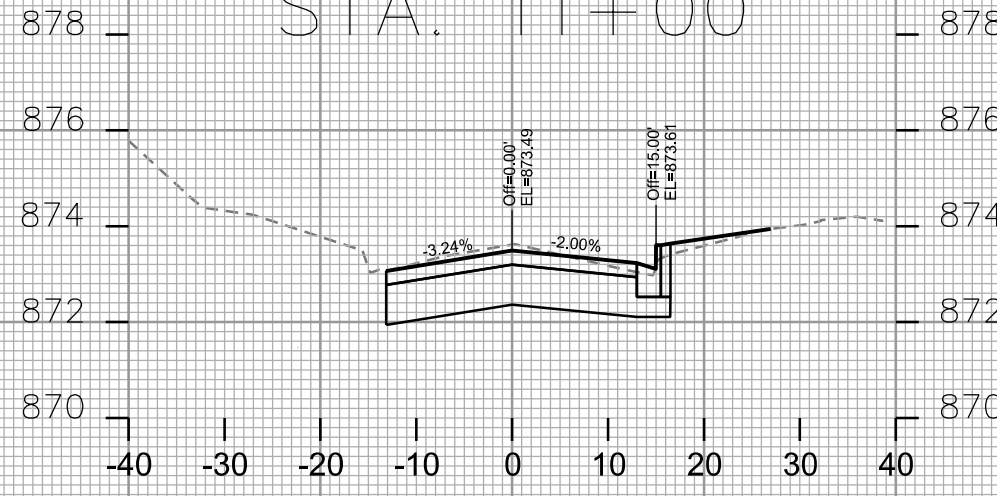
STA. 10+00



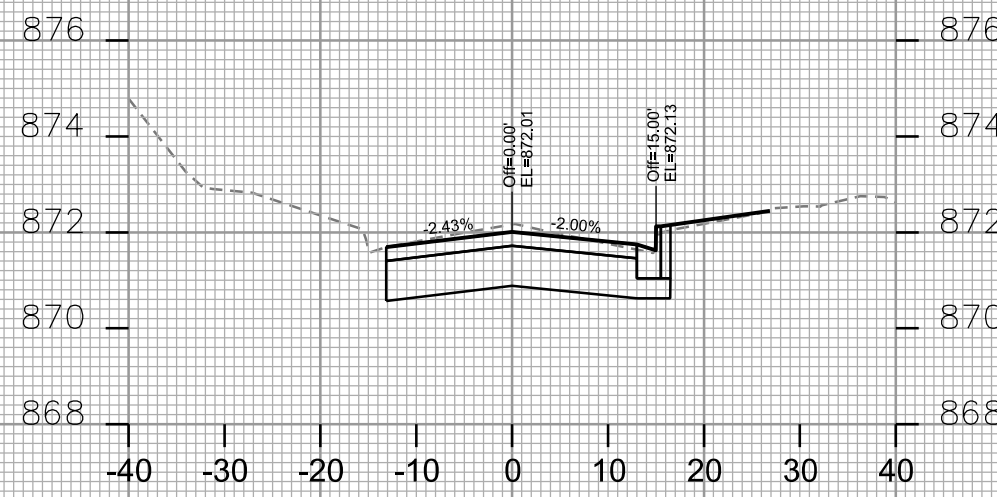
STA. 9+75



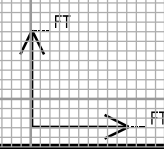
STA. 11+00



STA. 10+75



STA. 10+50

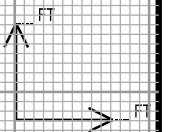
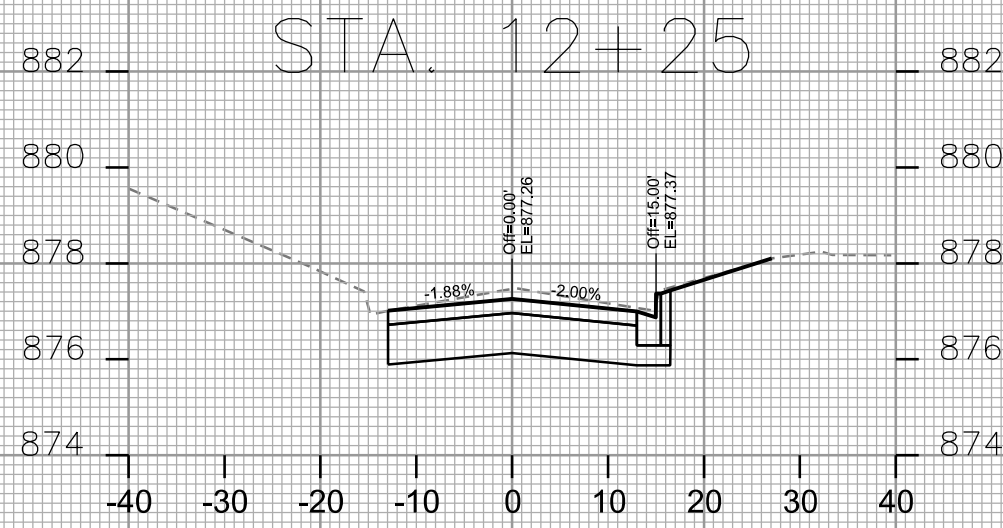
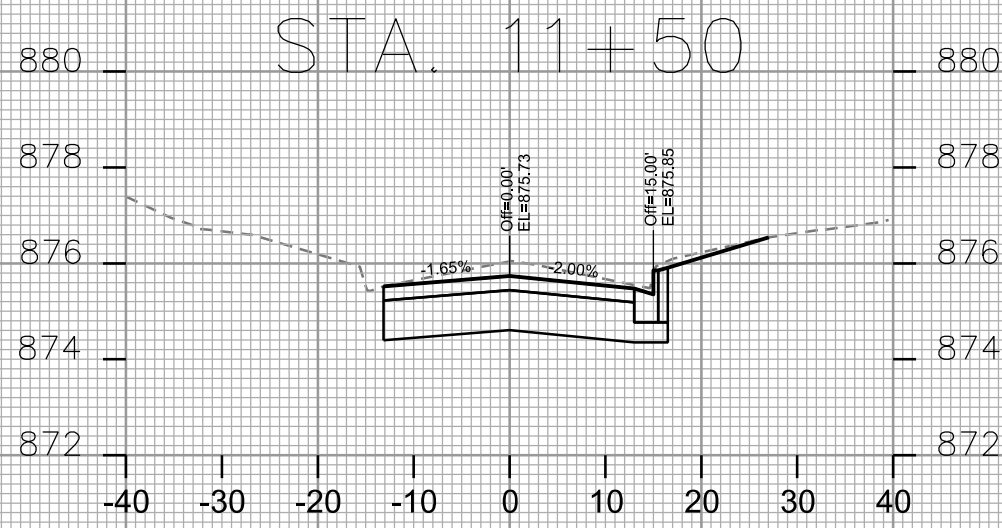
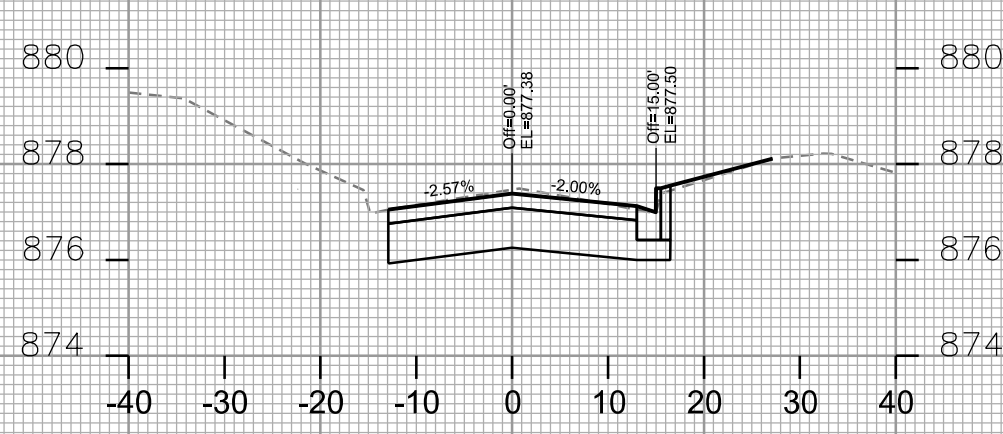
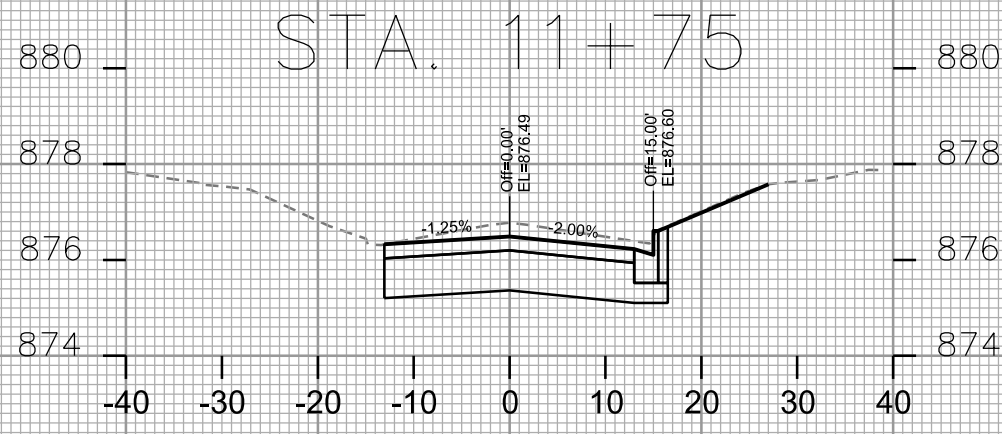
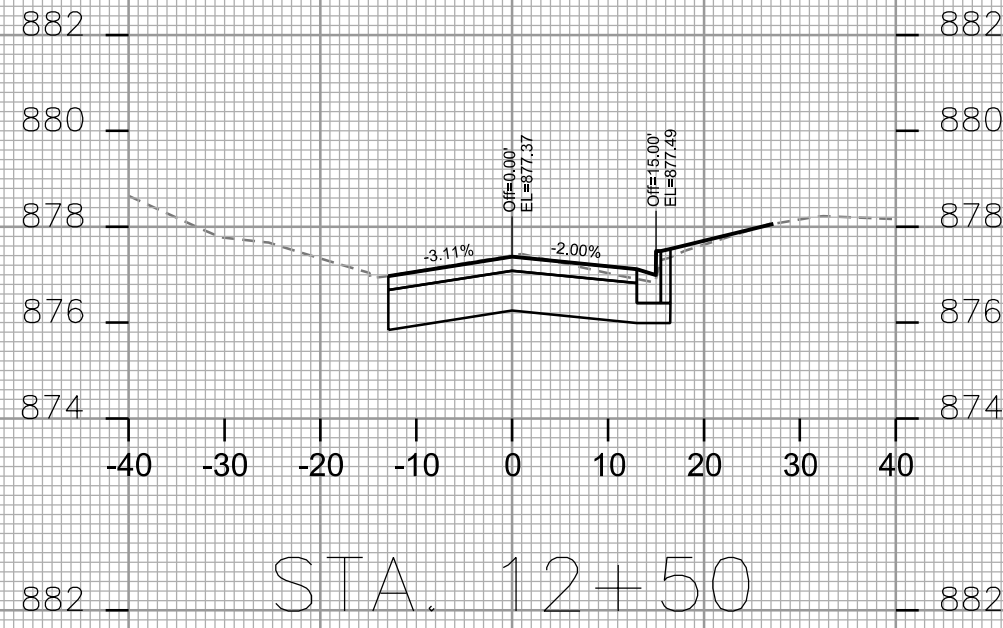
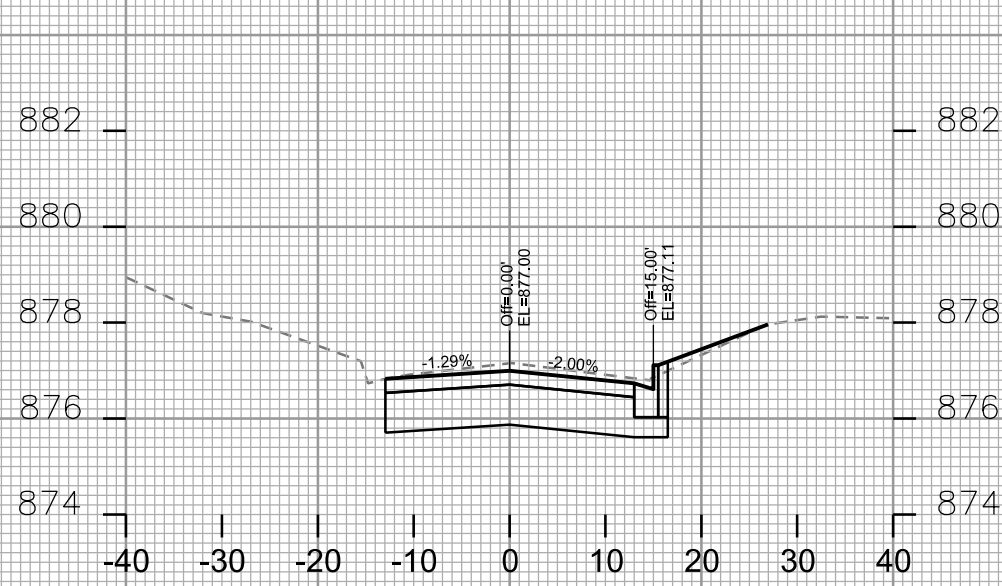


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

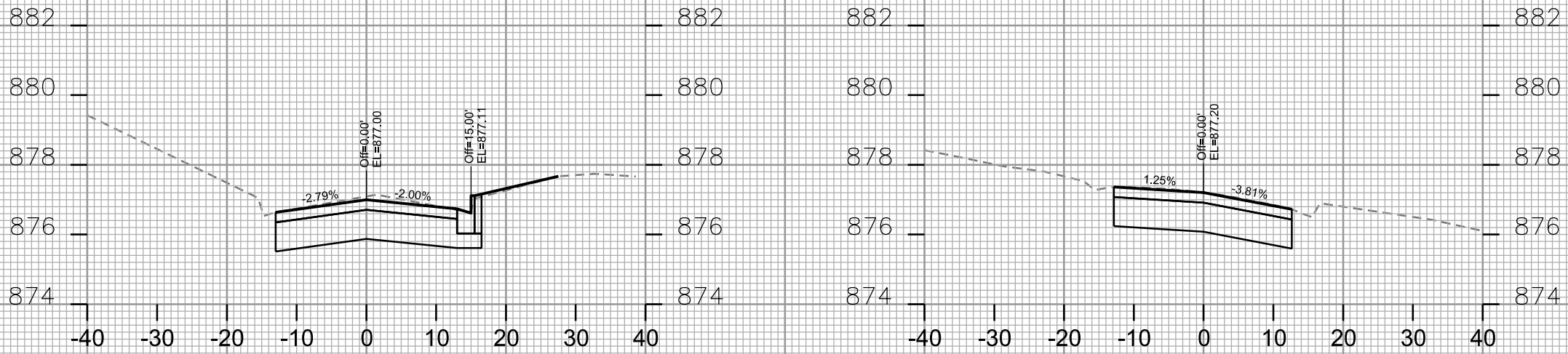
WOODROW STREET CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

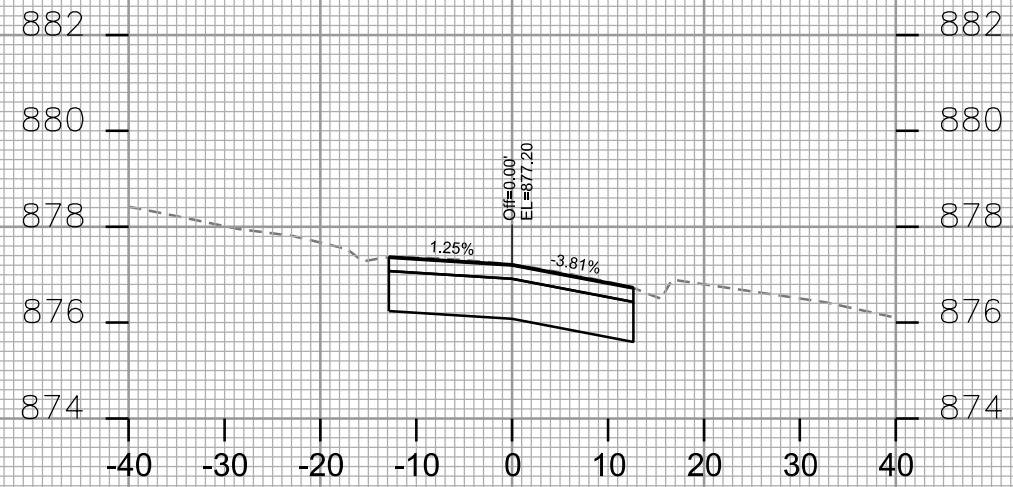
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

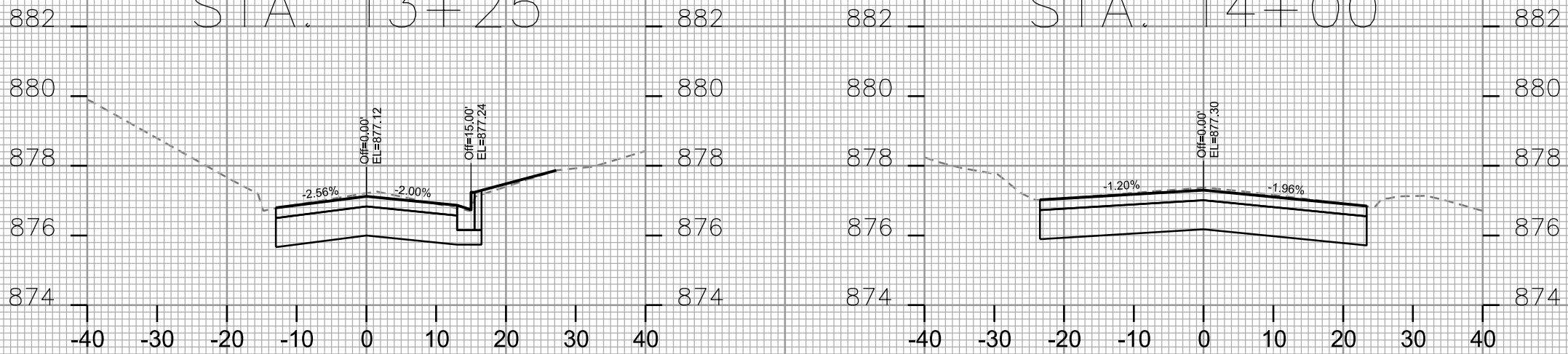
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



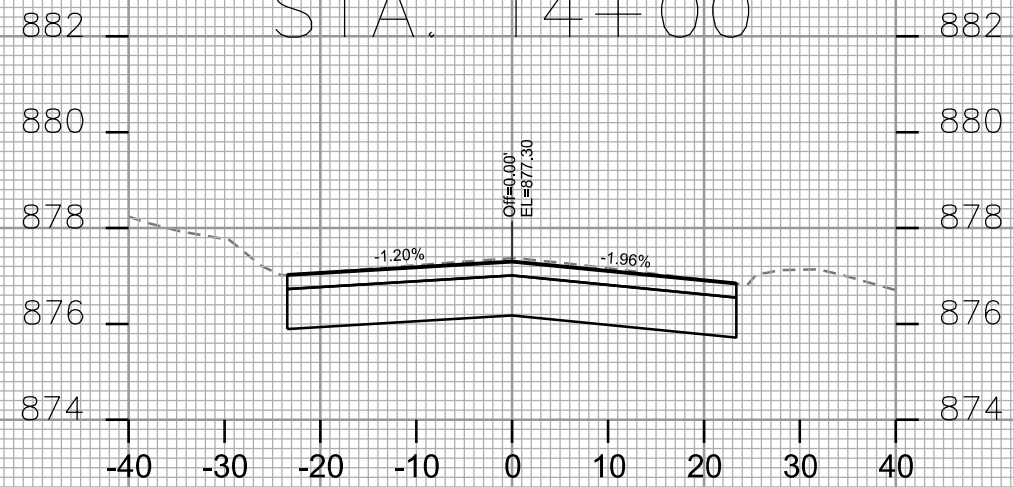
STA. 13+25



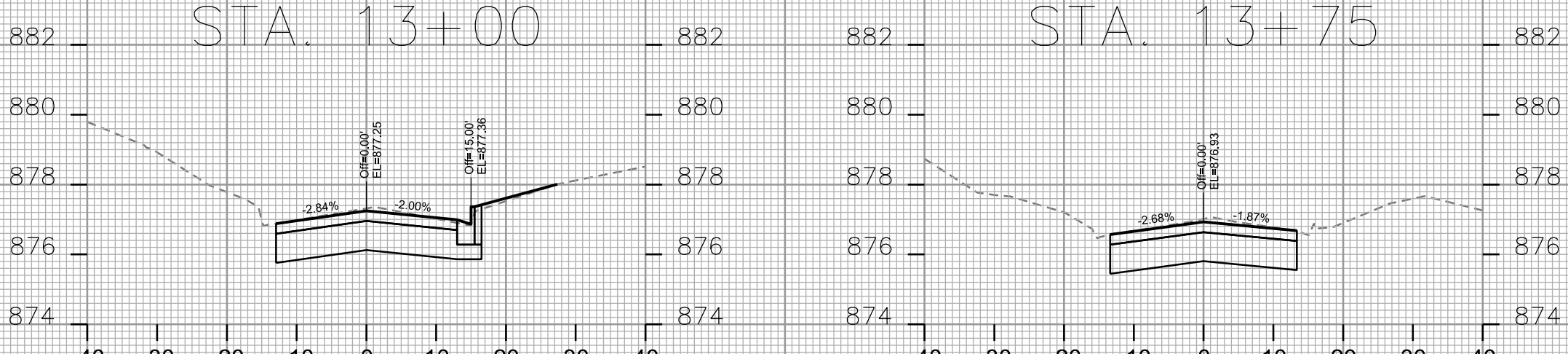
STA. 14+00



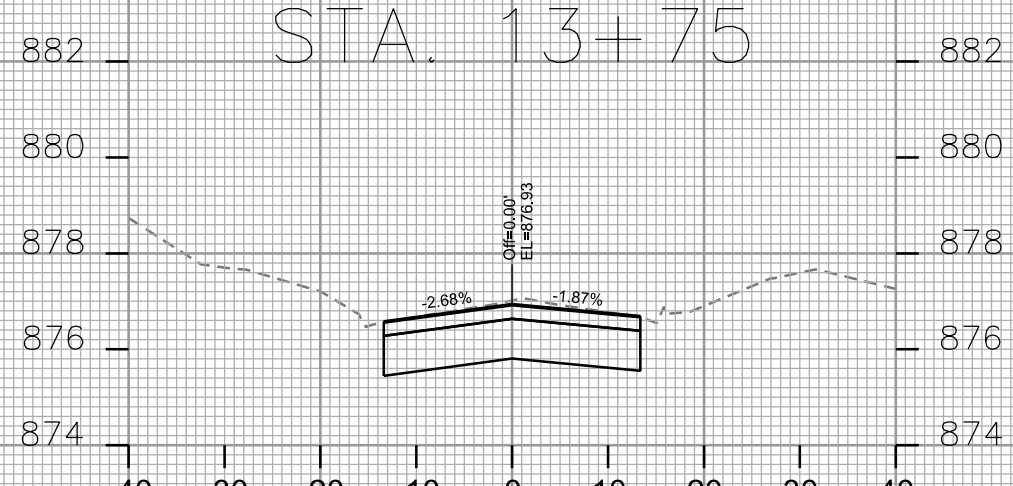
STA. 13+00



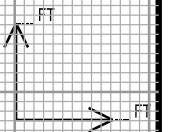
STA. 13+75



STA. 12+75



STA. 13+50



CROSS SECTIONS

BIKE PATH

CITY OF MADISON

REVISED 5/15/17 LRC

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

